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

Contract No. HY/2011/03

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

Monthly EM&A Report No.18 (March 2014)

14 April 2014

Revision 1

Main Contractor

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

Designer

ATKINS

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Executive Summary

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

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

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

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

This is the eighteenth Monthly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 March to 31 March 2014.

Environmental Monitoring and Audit Progress

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

1-hr TSP Monitoring	5, 11, 17, 21 and 27 March 2014
24-hr TSP Monitoring	4, 10, 14, 20 and 26 March 2014
Noise Monitoring	5, 11, 17 and 27 March 2014
Water Quality Monitoring	3, 5, 7, 10, 12, 14, 17, 19, 21, 24, 26, 28 and 31 March 2014
Mudflat Monitoring (Ecology)	1, 2, 15, 16, 17 and 20 March 2014
Mudflat Monitoring (Sedimentation rate)	17 March 2014
Chinese White Dolphin Monitoring	5, 11, 17 and 25 March 2014
Site Inspection	5, 12, 19 and 28 March 2014

Due to the windy condition, the dolphins monitoring schedule was rescheduled on 11, 17 and 25 March 2014.

The mudflat monitoring was rescheduled from 19 March 2014 to 20 March 2014 as the weather forecast indicated that the weather would be better on 20 March 2014 when compared to those of 19 March 2014.

Breaches of Action and Limit Levels

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

Environmental Monitoring	Parameters	Action Level (AL)	Limit Level (LL)
Air Quality	1-hr TSP	0	0
	24-hr TSP	1	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	12	1
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0

One Action Level exceedance of 24-hr TSP was recorded at station AMS6 on 20 March 2014.

Twelve Action Level exceedances and one Limit Level of suspended solid level were recorded on 17, 19, 21, 26 and 31 March 2014. According to the information provided by the Contractor, marine construction activities were carried out within silt curtain as recommended in the EIA Report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on monitoring results. Therefore, all exceedances were considered as non-contract related.

Complaint Log

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

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2014-050	24 March 2014	Other: Dredged marine sediment

Notifications of Summons and Prosecutions

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

Reporting Changes

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

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

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

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

Future Key Issues

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

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

1 Introduction

1.1 Basic Project Information

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

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

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

1.1.4 The Contract includes the following key aspects:

- New reclamation along the east coast of the approximately 23 hectares.
- Tunnel of Scenic Hill (Tunnel SHT) from Scenic Hill to the new reclamation, of approximately 1km in length with three (3) lanes for the east bound carriageway heading to the HKBCF and four (4) lanes for the westbound carriageway heading to the HZMB Main Bridge.
- An abutment of the viaduct portion of the HKLR at the west portal of Tunnel SHT and associated road works at the west portal of Tunnel SHT.
- An at grade road on the new reclamation along the east coast of the HKIA to connect with the HKBCF, of approximately 1.6 km along dual 3-lane carriageway with hard shoulder for each bound.
- Road links between the HKBCF and the HKIA including new roads and the modification of existing roads at the HKIA, involving viaducts, at grade roads and a Tunnel HAT.
- A highway operation and maintenance area (HMA) located on the new reclamation, south of the Dragonair Headquarters Building, including the construction of buildings, connection roads and other associated facilities.
- Associated civil, structural, building, geotechnical, marine, environmental protection, landscaping, drainage and sewerage, tunnel and highway electrical and mechanical works, together with the installation of street lightings, traffic aids and sign gantries, water mains and fire hydrants, provision of facilities for installation of traffic control and surveillance system (TCSS), reprovisioning works of affected existing facilities, implementation of transplanting, compensatory planting and protection of existing trees, and implementation of an environmental monitoring and audit (EM&A) program.

1.1.5 This is the eighteenth Monthly Environmental Monitoring and Audit (EM&A) report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2014.

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

1.2 Project Organisation

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

Table 1.1 Contact Information of Key Personnel

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

1.3 Construction Programme

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

1.4 Construction Works Undertaken During the Reporting Month

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

Table 1.2 Construction Activities During Reporting Month

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

2 Air Quality Monitoring

2.1 Monitoring Requirements

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

Table 2.1 Action and Limit Levels for 1-hour TSP

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

Table 2.2 Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level, µg/m^3	Limit Level, µg/m^3

AMS 5 – Ma Wan Chung Village (Tung Chung)	164	260
AMS 6 – Dragonair / CNAC (Group) Building (HKIA)	173	260

2.2 Monitoring Equipment

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

Table 2.3 Air Quality Monitoring Equipment

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

2.3 Monitoring Locations

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

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

Table 2.4 Locations of Impact Air Quality Monitoring Stations

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

2.4 Monitoring Parameters, Frequency and Duration

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

Table 2.5 Air Quality Monitoring Parameters, Frequency and Duration

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

2.5 Monitoring Methodology

2.5.1 24-hour TSP Monitoring

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

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

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

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

(iv) No furnace or incinerator flues nearby.

(v) Airflow around the sampler was unrestricted.

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

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

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

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

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

(b) Preparation of Filter Papers

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

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

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

(c) Field Monitoring

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

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

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

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

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

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

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

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

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

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

(xi) The initial elapsed time was recorded.

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

(xiii) The final elapsed time was recorded.

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

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

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

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

(d) Maintenance and Calibration

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

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

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

2.5.2 1-hour TSP Monitoring

(a) Measuring Procedures

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

(i) Turn the power on.

(ii) Close the air collecting opening cover.

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

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

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

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

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

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

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

(x) Lower down the air collection opening cover.

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

(b) Maintenance and Calibration

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

2.6 Monitoring Schedule for the Reporting Month

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

2.7 Monitoring Results

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

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

Monitoring Station	Average (µg/m^3)	Range (µg/m^3)	Action Level (µg/m^3)	Limit Level (µg/m^3)
AMS5	101	19 – 275	352	500
AMS6	68	21 – 144	360	500

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

Monitoring Station	Average (µg/m^3)	Range (µg/m^3)	Action Level (µg/m^3)	Limit Level (µg/m^3)
AMS5	97	47 – 136	164	260
AMS6	121	74 – 190	173	260

2.7.2 One Action level exceedance of 24 hrs TSP was recorded at station AMS6 on 20 March 2014. The general weather conditions at Tung Chung were foggy and haze during the dust sampling period on 20 March 2014. The Air Quality Health Index (AQHI) recorded by EPD at the Tung Chung station during the sampling time ranged from 3 (low) to 8 (very high). Therefore, it was considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather. The event action plan is annexed in **Appendix F**.

2.7.3 There were technical problems of the on-site weather station from 17 to 19 March 2014. As the wind data could not be monitored, the wind data during this period were reference to the wind data obtained from Hong Kong Observatory's Chek Lap Kok weather station. The wind data obtained from the on-site weather station during the reporting month is shown in **Appendix G**.

3 Noise Monitoring

3.1 Monitoring Requirements

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

Table 3.1 Action and Limit Levels for Noise during Construction Period

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

3.2 Monitoring Equipment

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

Table 3.2 Noise Monitoring Equipment

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

3.3 Monitoring Locations

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

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

Table 3.3 Locations of Impact Noise Monitoring Stations

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

3.4 Monitoring Parameters, Frequency and Duration

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

Table 3.4 Noise Monitoring Parameters, Frequency and Duration

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

3.5 Monitoring Methodology

3.5.1 Monitoring Procedure

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

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

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

(i) frequency weighting: A

(ii) time weighting: Fast

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

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

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

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

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

3.5.2 Maintenance and Calibration

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

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

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

3.6 Monitoring Schedule for the Reporting Month

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

3.7 Monitoring Results

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

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

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	60	59 – 60	75

*A correction of +3dB(A) correction was included.

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

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

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

4 Water Quality Monitoring

4.1 Monitoring Requirements

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

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

Table 4.1 Action and Limit Levels for Water Quality

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

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

than the limits.

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

4.2 Monitoring Equipment

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

Table 4.2 Water Quality Monitoring Equipment

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

4.3 Monitoring Parameters, Frequency and Duration

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

Table 4.3 Impact Water Quality Monitoring Parameters and Frequency

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

4.4 Monitoring Locations

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

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

Table 4.4 Impact Water Quality Monitoring Stations

Monitoring Stations	Description	Coordinates	
		Easting	Northing
IS5	Impact Station (Close to HKLR construction site)	811579	817106
IS(Mf)6	Impact Station (Close to HKLR construction site)	812101	817873
IS7	Impact Station (Close to HKBCF construction site)	812244	818777
IS8	Impact Station (Close to HKBCF construction site)	814251	818412
IS(Mf)9	Impact Station (Close to HKBCF construction site)	813273	818850
IS(Mf)9	Impact Station (Close to HKBCF construction site)	813226	818708
IS10	Impact Station (Close to HKBCF construction site)	812577	820670
SR3	Sensitive receivers (San Tau SSSI)	810525	816456
SR4	Sensitive receivers (Tai Ho Inlet)	814760	817867
SR5	Sensitive receivers (Artificial Reef In NE Airport)	811489	820455
SR10A	Sensitive receivers (Ma Wan Fish Culture Zone)	823741	823495
SR10B	Sensitive receivers (Ma Wan Fish Culture Zone)	823686	823213
CS2	Control Station (Mid-Ebb)	805849	818780
CS(Mf)5	Control Station (Mid-Flood)	817990	821129

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

4.5 Monitoring Methodology

4.5.1 Instrumentation

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

4.5.2 Operating/Analytical Procedures

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

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

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

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

(e) Duplicate samples from each independent sampling event were collected for SS measurement. Water samples were collected using the water samplers and the samples were stored in high-density polythene bottles. Water samples collected were

well-mixed in the water sampler prior to pre-rinsing and transferring to sample bottles. Sample bottles were pre-rinsed with the same water samples. The sample bottles were then be packed in cool-boxes (cooled at 4°C without being frozen), and delivered to ALS Technichem (HK) Pty Ltd. for the analysis of suspended solids concentrations. The laboratory determination work would be started within 24 hours after collection of the water samples. ALS Technichem (HK) Pty Ltd. is a HOKLAS accredited laboratory and has comprehensive quality assurance and quality control programmes.

(f) The analysis method and detection limit for SS is shown in **Table 4.5**.

Table 4.5 Laboratory Analysis for Suspended Solids

Parameters	Instrumentation	Analytical Method	Detection Limit
Suspended Solid (SS)	Weighting	APHA 2540-D	0.5mg/L

(g) Other relevant data were recorded, including monitoring location / position, time, water depth, tidal stages, weather conditions and any special phenomena or work underway at the construction site in the field log sheet for information.

4.5.3 Maintenance and Calibrations

(a) All in situ monitoring instruments would be calibrated by ALS Technichem (HK) Pty Ltd. before use and at 3-monthly intervals throughout all stages of the water quality monitoring programme. The procedures of performance check of sonde and testing results are provided in **Appendix C.**

4.6 Monitoring Schedule for the Reporting Month

4.6.1 The schedule for impact water quality monitoring in March 2014 is provided in **Appendix D.**

4.7 Monitoring Results

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

4.7.2 Exceedances were recorded for suspended solid level during the reporting month. Number of exceedances recorded during the reporting month at each impact station are summarised in **Table 4.6.**

Table 4.6 Summary of Water Quality Exceedances

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS5	Action Level	--	--	--	--	--	--	17 Mar 2014 19 Mar 2014	--	2	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	--	--	--	--	--	19 Mar 2014	--	1	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	31 Mar 2014	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS(Mf)9	Action Level	--	--	--	--	--	--	--	26 Mar 2014 31 Mar 2014	0	2
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	31 Mar 2014	17 Mar 2014 19 Mar 2014	1	2
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR3	Action Level	--	--	--	--	--	--	17 Mar 2014	--	1	0
	Limit Level	--	--	--	--	--	--	19 Mar 2014	--	1	0
SR4	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	21 Mar 2014	19 Mar 2014	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10B	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	6	6	12**	
	Limit	0	0	0	0	0	0	1	0	1**	

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

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

4.7.4 On 17 March 2014, AL exceedances at stations IS5 and SR3 were recorded during mid-ebb tide and the other AL exceedance at station IS10 were recorded during mid-flood tide. According to the information provided by the Contractor, geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within the silt curtain as recommended in the EIA Report.

4.7.5 On 19 March 2014, two AL exceedances at station IS5 and IS(Mf)6 and one LL exceedance at station SR3 was recorded during mid-ebb tide. Two AL exceedances were recorded at stations IS10 and SR5 during mid-flood tide. According to the information provided by the Contractor, geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within the silt curtain as recommended in the EIA Report.

4.7.6 On 21 March 2014, an AL exceedance at station SR5 was recorded during mid-flood tide. According to the information provided by the Contractor, geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within the silt curtain as recommended in the EIA Report.

4.7.7 On 26 March 2014, an AL exceedance at station IS(Mf)9 was recorded during mid-flood tide. According to the information provided by the Contractor, geotextile tube installation, formation of stone platform stone column installation and Rock fill at Zone 1, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within silt curtain as recommended in the EIA Report.

4.7.8 On 31 March 2014, an AL exceedance at station IS10 was recorded during mid-ebb tide and two AL exceedances at IS7 and IS(Mf)9 were recorded during mid-flood tide. According to the information provided by the Contactor, formation of stone platform, stone column installation and rock fill at Zone 1 and formation of stone platform at Zone 2 were carried out within silt curtain as recommended in the EIA Report.

4.7.9 On 17, 19, 21, 26 and 31 March 2014, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise. The suspended solid levels were considered to be attributed to other external factors, rather than the contract works. Therefore, all exceedances were considered as non-contract related.

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

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

5 Dolphin Monitoring

5.1 Monitoring Requirements

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

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

Table 5.1 Action and Limit Levels for Dolphin Monitoring

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

Remarks:

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

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

5.2 Monitoring Methodology

Vessel-based Line-transect Survey

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

Table 5.2 Co-ordinates of Transect Lines

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

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

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

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

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

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

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

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

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

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

Photo-identification Work

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

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

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

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

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

5.3 Monitoring Results

Vessel-based Line-transect Survey

5.3.1 During the month of March 2014, two sets of systematic line-transect vessel surveys were conducted on the 5th, 11th, 17th and 25th to cover all transect lines in NWL and NEL survey areas twice. The survey routes of each survey day are presented in **Figures 2-5 of Appendix H**. Notably, the second line in NEL survey area just to the east of HKBCF (i.e. line #11) has been partially blocked by the silt curtain that surrounded the HKBCF reclamation site since August 2013, and the research vessel has been traveling around the edge of the expanded silt curtain for that section of the transect line rather than on a straight line.

5.3.2 From these surveys, a total of 296.83 km of survey effort was collected, with 89.0% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) **(Annex I of Appendix H)**. Among the two areas, 117.30 km and 179.53 km of survey effort were collected from NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 211.71 km, while the effort on secondary lines was 85.12 km.

5.3.3 During the two sets of monitoring surveys in March 2014, a total of 14 groups of 43 Chinese White Dolphins were sighted **(Annex II of Appendix H)**. All sighting were made in NWL during the two sets of surveys in March, with no dolphin being sighted at all in NEL. All except two sightings were made on primary lines during on-effort search, and none of the dolphin groups was associated with operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in March 2014 is shown in **Figure 6 of Appendix H**. Most of these sightings were made at the northwestern portion of NWL survey area, especially to the north of Lung Kwu Chau. Another two sightings were made at the north of

the airport and between the River Trade Terminal and airport platform respectively **(Figure 6 of Appendix H)**.

5.3.5 None of these 14 sightings was made in the proximity of the HKLR03 and HKBCF reclamation sites as well as the HKLR09 bridge alignment **(Figure 6 of Appendix H)**. However, one sighting was made in the vicinity of the TM-CLKL Northern Landfall **(Figure 6 of Appendix H)**.

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

Table 5.3 Individual Survey Event Encounter Rates

		Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)	Encounter rate (ANI) (no. of dolphins from all on-effort sightings per 100 km of survey effort)
		Primary Lines Only	Primary Lines Only
NEL	Set 1: Mar 5th/11th	0.0	0.0
	Set 2: Mar 17th/25th	0.0	0.0
NWL	Set 1: Mar 5th/11th	6.4	23.6
	Set 2: Mar 17th/25th	13.2	24.8

Remarks:

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

Table 5.4 Monthly Average Encounter Rates

	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		Encounter rate (ANI) (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	Primary Lines Only	Both Primary and Secondary Lines	Primary Lines Only	Both Primary and Secondary Lines
Northeast Lantau	0.0	0.0	0.0	0.0
Northwest Lantau	10.4	8.6	24.3	19.9

Remarks:

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

5.3.7 The average group size of Chinese White Dolphins in March 2014 was 3.07 individuals per group, which was lower than the previous three months of dolphin monitoring. Most dolphin groups were composed of 1-3 animals, with only one larger group of 13 animals sighted near Lung Kwu Chau.

Photo-identification Work

5.3.8 Twenty-six individual dolphins were sighted 32 times during March's surveys. Four individuals were sighted twice, while NL48 were sighted thrice during the monitoring month (**Annex III and IV of Appendix H**).

5.3.9 Two well-recognized females, NL104 and NL233, were accompanied with their calves during their re-sightings. These mother-calf pairs have also been sighted regularly in previous months of HKLR03 dolphin monitoring surveys.

Conclusion

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

5.3.11 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (March-May 2014) and baseline monitoring period (3-month period) will be made.

5.4 Reference

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

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

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

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

6 Mudflat Monitoring

6.1 Sedimentation Rate Monitoring

Methodology

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

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

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

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

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

Monitoring Locations

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

Monitoring Results

6.1.5 The baseline sedimentation rate monitoring was in September 2012 and impact sedimentation rate monitoring was undertaken on 17 March 2014. The mudflat surface levels at the four established monitoring stations and the corresponding XYZ HK1980 GRID coordinates are presented in **Table 6.2 and Table 6.3.**

Table 6.2 Measured Mudflat Surface Level Results

	Baseline Monitoring (September 2012)			Impact Monitoring(March 2014)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.185	816678.731	0.997
S2	810958.272	815831.531	0.864	810958.291	815831.495	0.920
S3	810716.585	815953.308	1.341	810716.576	815953.305	1.405
S4	811221.433	816151.381	0.931	811221.438	816151.359	0.984

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	0.025	0.004	0.047	Within tolerance, no significant change
S2	0.019	-0.037	0.056	Within tolerance, no significant change
S3	-0.009	-0.003	0.064	Level increased
S4	0.005	-0.022	0.053	Within tolerance, no significant change

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

6.2 Water Quality Monitoring

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

6.2.2 Impact water quality monitoring in San Tau (monitoring station SR3) was conducted in March 2014. The monitoring parameters included dissolved oxygen (DO), turbidity and suspended solids (SS).

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

Table 6.4 Impact Water Quality Monitoring Results (Depth Average)

Date	Mid Ebb Tide			Mid Flood Tide		
	DO (mg/L)	Turbidity (NTU)	SS (mg/L)	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
03-Mar-14	7.755	13.8	7.4	7.805	8.3	4.15
05-Mar-14	7.48	7.85	9.5	7.375	7.15	8.3
07-Mar-14	7.025	1.55	7.4	7.19	3.85	8.9
10-Mar-14	7.45	8.1	13.9	7.2	4.15	4.2
12-Mar-14	7.53	7.75	9.3	7.245	6.95	7.35
14-Mar-14	7.32	15.6	12.95	7.565	10.35	12.1
17-Mar-14	7.335	18.75	29.2	7.34	8.05	11.9
19-Mar-14	7.105	22.05	36.7	7.15	10.1	11.25
21-Mar-14	6.64	18.55	15.65	7.17	11.7	17.7
24-Mar-14	6.905	1.55	8.85	7.255	3.8	9.45
26-Mar-14	7.495	5.65	7.8	7.555	5.9	6.2
28-Mar-14	7.94	8.6	11.35	8.9	6.85	11.65
31-Mar-14	7.345	9.45	16.9	7.125	8.5	15.6
Average	7.33	10.71	14.38	7.45	7.36	9.90

6.3 Mudflat Ecology Monitoring Methodology

Sampling Zone

6.3.1 In order to collect baseline information of mudflats in the study site, the study site was divided into three sampling zones (labeled as TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (labeled as ST) (**Figure 2.1 of Appendix I**). The horizontal length of sampling zones TC1, TC2, TC3 and ST were about 250 m, 300 m, 300 m and 250 m respectively. Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in every sampling zone. The present survey was conducted in March 2014 (totally 6 sampling days between 1st and 20th March 2014).

Horseshoe Crabs

6.3.2 Active search method was conducted for horseshoe crab monitoring by two experienced surveyors at every sampling zone. During the search period, any accessible and potential area would be investigated for any horseshoe crab individuals within 2-3 hours in low tide period (tidal level below 1.2 m above Chart Datum (C.D.)). Once a horseshoe crab individual was found, the species was identified referencing to Li (2008). The prosomal width, inhabiting substratum and respective GPS coordinate were recorded. A photographic record was taken for future investigation. Any grouping behavior of individuals, if found, was recorded. The horseshoe crab surveys were conducted on 17th (for zones TC1 and TC2) and 20th (for zones TC3 and ST) March 2014. The weather was cloudy and sunny on 17th and 20th March respectively.

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 17th (for zones TC1 and TC2) and 20th (for zones TC3 and ST) March 2014. The weather was cloudy and sunny on 17th and 20th March respectively.

Intertidal Soft Shore Communities

6.3.4 The intertidal soft shore community surveys were conducted in low tide period on 1st (for ST), 2nd (for TC3), 15th (for TC1) and 16th March 2014 (for TC2). 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 every quadrat, any visible epifauna were collected and were *in-situ* identified to the lowest practical taxonomical resolution. Whenever possible a hand core (10 cm internal diameter × 20 cm depth) was collected in the quadrat. The core sediment sample was sieved through mesh size 2.0 mm *in-situ*. Any visible infauna were collected and identified. Finally the top 5 cm surface sediments was dug for visible infauna in the quadrat regardless of hand core sample was taken.

6.3.6 All collected fauna were released after recording except some tiny individuals that *in-situ* identification was not feasible. These tiny individuals were collected and were identified in the laboratory.

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 **Table 3.1 and Figure 3.1 of Appendix I** shows the records of horseshoe crab survey at every sampling zone. In general, *Tachypleus tridentatus* was found at sampling zone ST (45 ind.) while *Carcinoscorpius rotundicauda* was found at all sampling zones (TC1: 1 ind., TC2: 1 ind., TC3: 3 ind., ST: 16 ind.). All individuals were found on either fine sand or soft mud substratum. Grouping was observed while the group size ranged 2-8 individuals.

6.5.2 **Table 3.2 of Appendix I** summarizes the survey results of horseshoe crab at every sampling zone. For *Tachypleus tridentatus,* the search record was 7.50 ind. hr^{-1} $person^{-1}$ (mean prosomal width: 48.42 mm) at ST. According to Li (2008), the prosomal width of *Tachypleus tridentatus* recorded ranged 32.31－70.59 mm that corresponded to an estimated age of 4.0–8.3 years old. For *Carcinoscorpius rotundicauda*, the search records were 0.25 ind. hr^{-1} $person^{-1}$ (1 ind., prosomal width: 45.36 mm), 0.25 ind. hr^{-1} $person^{-1}$ (1 ind., prosomal width: 44.61 mm), 0.75 ind. hr^{-1} $person^{-1}$ (mean prosomal width: 49.81 mm), 2.67 ind. hr^{-1} $person^{-1}$ (mean prosomal width: 39.28 mm) at TC1, TC2, TC3 and ST respectively. The estimated age ranged 4.5-9.5 years old.

6.5.3 Besides, 18 and 3 labeled individuals of *Tachypleus tridentatus* were recorded in the survey of Sep. 2013 and Mar. 2014 respectively. All of them were released through a conservation programme conducted by Prof. Paul Shin (Department of Biology and Chemistry, The City University of Hong Kong (CityU)). It was a re-introduction trial of artificial bred and marked horseshoe crab juvenile at selected sites. So that the horseshoe crabs population might be restored in the natural habitat. Through a personal conversation with Prof. Shin, about 100 individuals were released to ST on 20 June 2013. All these labeled individuals were not included in the results of present monitoring programme.

6.5.4 **Figure 3.2 of Appendix I** shows the changes of number of individuals, mean prosomal width and search record of horseshoe crab *Tachypleus tridentatus* at every sampling zone along the sampling months. Among all the sampling months, high search record was found at ST. In

contrast, much lower search record was found at other sampling zones especially at TC2 (2 ind. in Sep. 2013 and 1 ind. in Mar. 2014 only).

6.5.5 Based on the populations of both horseshoe crab species among the four sampling zones, it was obvious that ST was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). Relatively, other sampling zones were not suitable for nursery of horseshoe crab especially TC2. Possible factors were less area of suitable substratum (especially TC1) and higher human disturbance (TC1, TC2 and TC3: close to urban district and easily accessible by people). For TC2, large daily salinity fluctuation was a possible factor either since it was flushed by two rivers under tidal inundation. The individuals found in TC1, TC2 and TC3 were believed foraging from the ST during high tide while it might return to ST over a certain period. It accounted for the variable search records at the three sampling zones along the sampling months. Beside there was no spatial difference of horseshoe crab size (prosomal width) among the sampling zones.

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

6.5.7 Relative to *Tachypleus tridentatus*, *Carcinoscorpius rotundicauda* was a less common species. During the survey period from Sep. 2012 to Dec 2013, it was not found except that 4 individuals were found at ST in Dec. 2012. This species was believed present in ST at very low number while encounter was rare. Until the present survey, it was recorded again at all sampling zones especially ST. Based on its average size (mean prosomal width 39.28-49.81 mm), it indicated that breeding of *Carcinoscorpius rotundicauda* had occurred 3-4 years ago. However, these individuals were still small while their walking trail was less conspicuous. It leaded to low visual detection in previous sampling months.

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

6.5.9 **Figure 3.4 of Appendix I** shows the changes of prosomal width of horseshoe crab *Tachypleus tridentatus* and *Carcinoscorpius rotundicauda* at the important nursery ground ST. For *Tachypleus tridentatus,* it was believed that most of individuals (50% records between upper and lower quartile), recorded in the dry season, had grown to a size of double in Jun. 2013 (prosomal width increase from 10-20 mm to 30-50 mm). The individuals remained similar in size in Sep. 2013 followed by further size increase (32-71 mm) in Mar. 2014. It indicated the moulting period occurring during March-June and December-March. As mentioned, *Carcinoscorpius rotundicauda* was less common in ST while it was found in two sampling months only. Hence the change of size was yet to be determined.

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

Seagrass Beds

6.5.11 **Table 3.3 and Figure 3.5 of Appendix I** show the records of seagrass beds survey at every sampling zone. Seagrass was recorded in ST only summarized in Table 3.4. The most largest

bed was composed of one long strand and two medium patches of *Halophila ovalis* nearby the mangrove vegetation on sandy substratum at tidal level 2 m above C.D.. The estimated total area was about 713 m^2 with vegetation coverage 90-100%. In Dec. 2013, flowers were observed that indicated the reproductive period of *H. ovalis* **(Figure 3.6 of Appendix I)**.

6.5.12 Moreover, 24 small patches and 7 medium patches of *H. ovalis* were recorded on soft mud at tidal level between 1.0 m and 1.5 m above C.D.. The estimated area of each patch varied highly and ranged 1-72 m^2 with estimated coverage ranging 40-80%. The number of patches has been increasing since Sep. 2013. Seasonal recruitment and spreading of *H. ovalis* were occurring along with colder climate.

6.5.13 Four small patches of *Zostera japonica* were found within the long strand of *Halophila ovalis*. The estimated total area was 3.3 m^2 while the estimated coverage was about 10-60%.

6.5.14 **Figure 3.7 of Appendix I** shows the changes of estimated total area of seagrass beds at ST along the sampling months. For seagrass *Halophila ovalis*, the total area and estimated coverage increased gradually. It showed that the seagrass was in scattered patches on the shore during dry season of 2012. Then it grew larger or merged as larger patches during 2013. However it was doubt that the newly recruited patches of seagrass would survive the natural heat stress, predation and wave action in the next wet season.

6.5.15 For seagrass *Zostera japonica*, it was not reported in the surveys of Sep. and Dec. 2012. Seasonal recruitment of few patches was reported between December and March. Then the patch size increased and merged gradually with the warmer climate. However the patch size decreased sharply since Sep. 2013 and remained similar. The patch might not overcome the high heat stress exerted on shore between June and September 2013.

6.5.16 The present survey was the sixth time of sampling of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project could not be detected on seagrass. The seagrass area of *Halophila ovalis* was increasing steadily due to natural growth and seasonal recruitment. Although that of *Zostera japonica* decreased in the Sep. 2013 survey, it would be the cause of natural heat stress. In case, abnormal phenomenon (e.g. rapid reduction of seagrass patch size) was observed, it would be reported as soon as possible.

Intertidal Soft Shore Communities

6.5.17 **Table 3.5 and Figure 3.8 of Appendix I** show the types of substratum along the horizontal transect at every tidal level of every sampling zone. The relative distribution of different substrata was estimated by investigating the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect.

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

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

6.5.20 **Table 3.6 of Appendix I** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 14383 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 14165, density 472 ind. m^{-2}, relative

abundance 98.5%). The second abundant group was arthropod (total individuals: 113, density 4 ind. m^{-2}, 0.8%). Relatively other phyla were very low in abundance (≤0.4%). Similarly, the most diverse phylum were mollusks (40 taxa) followed by arthropods (11 taxa) and annelids (10 taxa). The taxa of other phyla were relatively less (1 taxon). The complete list of collected specimens is provided in **Annex III of Appendix I**.

6.5.21 **Table 3.7 of Appendix I** shows the number of individual, relative abundance and density of each phylum at every sampling zone. The results were similar among the four sampling zones. In general, mollusks were the most dominant phylum (no. of individuals: 1732-4800 ind., relative abundance 95.4-99.0%). Arthropods were the second abundant phylum (no. of individuals: 16-44 ind., 0.4-2.4%) although the number of individuals was significantly lower than that of mollusks. Relatively, other phyla were very low in abundance across the four sampling zones (< 1%) except the annelids at TC2 (no. of individuals: 26 ind., relative abundance 1.4%).

6.5.22 **Table 3.8 of Appendix I** lists the abundant species (relative abundance >10%) at every sampling zone. At TC1, gastropod *Batillaria multiformis* was abundant at all tidal levels especially high tidal level (133-526 ind. m^{-2}, relative abundance 26-80%). Rock oyster *Saccostrea cucullata* was at moderate abundance at mid and low tidal levels (84-133 ind. m^{-2}, 16-32%). Gastropod *Monodonta labio* (43-74 ind. m^{-2}, 10-14%) was the third abundant at mid and low tidal levels.

6.5.23 At TC2, gastropods *Batillaria multiformis* (84 ind. m^{-2}, relative abundance 34%) and *Cerithidea djadjariensis* (76 ind. m^{-2}, 31%) were abundant at high tidal level. At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (86 ind. m^{-2}, 32%) followed by less abundant gastropods *Cerithidea djadjariensis* (45 ind. m^{-2}, 17%) and *Batillaria zonalis* (39 ind. m^{-2}, 14%). At low tidal level, gastropod *Batillaria zonalis* (77 ind. m^{-2}, 37%) was the most abundant species followed by rock oyster *Saccostrea cucullata* (33 ind. m^{-2}, 16%), *Cerithidea djadjariensis* (33 ind. m^{-2}, 16%) and *Batillaria multiformis* (24 ind. m^{-2}, 12%).

6.5.24 At TC3, gastropod *Batillaria multiformis* was highly abundant at all tidal levels (214-444 ind. m^{-2}, relative abundance 43-65%). Gastropod *Cerithidea djadjariensis* (146 ind. m^{-2}, 21%) and *Monodonta labio* (97 ind. m^{-2}, 26%) were the second abundant at high and mid tidal levels respectively. At low tidal level, other abundant species were rock oyster *Saccostrea cucullata* (186 ind. m^{-2}, 21%) and gastropod *Cerithidea djadjariensis* (162 ind. m^{-2}, 18%).

6.5.25 At ST, gastropod *Batillaria multiformis* was highly abundant (585 ind. m^{-2}, relative abundance 73%) at high tidal level followed by gastropod *Monodonta labio* (81 ind. m^{-2}, 10%). At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (162 ind. m^{-2}, 31%) while other less abundant taxa were gastropods *Batillaria multiformis* (131 ind. m^{-2}, 25%) and *Monodonta labio* (62 ind. m^{-2}, 12%). At low tidal level, rock oyster *Saccostrea cucullata* (49 ind. m^{-2}, 32%), gastropods *Cerithidea djadjariensis* (24 ind. m^{-2}, 16%) and *Batillaria zonalis* (23 ind. m^{-2}, 15%) were abundant taxa with much lower abundance relative to that at high and mid tidal levels.

6.5.26 There was no consistent zonation pattern of species distribution observed across sampling zones and tidal levels in Tung Chung Wan and San Tau. The species distribution should be determined by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (7002 ind., 49%) and *Cerithidea djadjariensis* (1749 ind., 12%) were the most common occurring species on sandy substratum mainly among the four sampling zones. Moreover rock oyster *Saccostrea cucullata* (2089 ind., 15%) and gastropod *Monodonta labio* (1032 ind., 7%) were commonly occurring species inhabiting gravel and boulders substratum.

6.5.27 **Table 3.9 of Appendix I** shows the mean values of number of species, density, *H'* and *J* of soft shore communities at every tidal level and sampling zone. Among the sampling zones, the mean number of species was generally similar (6-14 spp. 0.25 m^{-2}). The mean densities of TC3 (376-879 ind. m^{-2}) was generally higher than that of TC1 (417-656 ind. m^{-2}) followed by ST (152-800 ind. m^{-2}) and TC2 (211-270 ind. m^{-2}). The mean biodiversity index was similar and ranged 1.13-1.53. The species evenness at TC2 (0.75) was generally higher than that at other sampling zones (0.53-0.61).

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

6.5.29 **Figure 3.9 of Appendix I** shows the temporal changes of number of species, density, *H'* and *J* at every tidal level and sampling zone since the baseline monitoring survey (Sep 2012). No significant temporal change of any biological parameters was observed at all sampling zones. Although declined densities were observed during dry season (December), it was believed a natural, seasonal variation due to higher mortality and lower activity rate of intertidal fauna during cold, dry season. The densities of both sampling zones had increased along with the hot, wet season.

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

6.6 Reference

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7 ENVIRONMENTAL SITE INSPECTION AND AUDIT

7.1 Site Inspection

7.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting month, four site inspections were carried out on 5, 12, 19 and 28 March 2014.

7.1.2 Particular observations during the site inspections are described below.

5 March 2014

(a) Haul road was dry at N4. Water spray was provided at N4. (This observation was found on 28 February 2014 and closed on 5 March 2014.)

(b) Oily film was observed at N1. Oily film was cleaned out at N1. (This observation was found on 28 February 2014 and closed on 5 March 2014.)

(c) The plug to block the drain hole of drip tray was missing at S23. A plug was provided to block the drain hole of the drip tray at S23. This observation was found on 28 February 2014 and closed on 5 March 2014.)

(d) Stagnant water was found in a drip tray without plug blocking the drain hole at S23. The stagnant water was cleaned up and the plug was provided to block the drain hole at S23. (This observation was found on 28 February 2014 and closed on 5 March 2014.)

(e) Excess fill materials were found on the passage way of vessel Lun Li at S7. Excess fill materials were cleaned up on the passage way of vessel Lun Li at S7. (This observation was closed on 12 March 2014.)

(f) A gap was found between silt curtains at Portion X. Orange silt curtain was covered the gap at Portion X. (This observation was closed on 12 March 2014.)

(g) A hand held breaker was found to be without noise emission label at N4. Noise emission label was provided for the hand held breaker at N4. (This observation was closed on 12 March 2014.)

(h) Stagnant water was found inside the drip tray at S8/S9. Stagnant water was cleaned up at S8/S9. (This observation was closed on 12 March 2014.)

(i) The sand stockpile was dry at S16. The water spray system was provided at S16. (This observation was closed on 12 March 2014.)

(j) Muddy water was found on the public road at S16. Muddy water was cleaned out at S16. (This observation was closed on 12 March 2014.)

(k) Waste oil and chemical containers were found to be without label at S8/S9. Clear labels were provided of the waste oil and chemical containers at S8/S9. (This observation was closed on 12 March 2014.)

(l) Oil film was found inside the washing wheel bay at S8/S9. Oil film was cleaned out at S8/S9. (This observation was closed on 12 March 2014.)

(m) Dry sand stockpile was not covered at S19. Properly cover for sand stockpiles were provided at S19. (This observation was closed on 12 March 2014.)

(n) An air compressor was found without a valid noise emission label at N1.Valid noise emission label was provided at N1. (This observation was closed on 12 March 2014.)

12 March 2014

(a) The silt curtain was not placed properly at Portion X. The silt curtains were moved back to the original position at Portion X.(This observation was closed on 19 March 2014.)

(b) The oil container was found to be without drip tray at N4. The oil container was removed at N4. (This observation was closed on 19 March 2014.)

(c) The waste chemical containers were found to be without drip tray at N13. The waste chemical containers were removed at N13. (This observation was closed on 19 March 2014.)

(d) Oil film was observed on the ground at S8. The oily film was cleaned up at S8. (This observation was closed on 19 March 2014.)

(e) Diesel tank was not placed properly and the oil was leaked out on the ground at S16. The diesel tank was removed and oil leakage was cleaned up at S16. (This observation was closed on 19 March 2014.)

(f) Oily film was found on the ground at S16. Oily film was cleaned at S16. (This observation was closed on 19 March 2014.)

(g) An air compressor was found without a valid noise emission label at S16. A valid noise emission label for air compressor was provided at S16. (This observation was closed on 19 March 2014.)

(h) Haul road was dry at S19. A water vehicle sprayed water on the haul road to keep it wet at S19. (This observation was closed on 19 March 2014.)

19 March 2014

(a) An oil container was found without drip tray at vessel of Hoi Pok 9. The oil container was removed at vessel of Hoi Pok 9. (This observation was closed on 28 March 2014.)

(b) Noise barrier was damaged at S16/S11. Maintenance for noise barrier was provided at S16/S11. (This observation was closed on 28 March 2014.)

(c) Muddy water was observed on the public road at S8/S9. Muddy water was cleaned up on the public road at S8/S9. (This observation was closed on 28 March 2014.)

(d) An oil spillage was found on the ground at S8. Oil spillage was cleaned up at S8. (This observation was closed on 28 March 2014.)

(e) An oil drum was found to be without drip tray at S16/S11. A drip tray was provided to oil drum at S16/S11. (This observation was closed on 28 March 2014.)

(f) More than 20 bags of cement were found to be without cover properly at S16/S11. Cement bags was covered properly at S16/S11. (This observation was closed on 28 March 2014.)

(g) More than 20 bags of cement were found to be without cover properly at S23. Cement bags were placed in an area sheltered on the top and 3 sides. (This observation was closed on 28 March 2014.)

28 March 2014

(a) Muddy water was found on the public road at S25. The Contractor was reminded to clean up the muddy water on the public road at S25.

(b) Oily film was observed at N1. The Contractor was reminded to clean up as chemical waste properly.

(c) The Contractor was reminded to provide a drip tray for an air compressor for prevention leakage to the ground at N1.

The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting month. Follow-up actions for outstanding observations will be inspected during the next site inspections.

7.2 Advice on the Solid and Liquid Waste Management Status

7.2.1 The Contractor submitted application form for registration as a chemical waste producer for the Project. Sufficient numbers of receptacles were available for general refuse collection and sorting.

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

7.2.3 The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practise on the Packaging, Labelling and Storage of Chemical Wastes.

7.3 Environmental Licenses and Permits

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

7.4 Implementation Status of Environmental Mitigation Measures

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

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

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

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

7.5 Summary of Exceedances of the Environmental Quality Performance Limit

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

7.5.2 For 24-hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 during the reporting month. One Action Level exceedance was recorded at AMS 6 on 20 March 2014.

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

7.5.4 For marine water quality monitoring undertaken during the reporting month, twelve Action Level (AL) exceedances of suspended solid level and one Limit Level (LL) exceedance of suspended solid level were recorded.

7.6 Summary of Complaints, Notification of Summons and Successful Prosecution

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

Table 7.1 A Summary of Environmental Complaints for the Reporting Month

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2013-50	24 March 2014	Other: Dredged marine sediment

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 **Contracto**r, the major construction activities for April 2014 are summarized in **Table 7.1**.

Table 7.1 Construction Activities for April 2014

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

8.2 Environmental Monitoring Scheme for the Coming Month

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

9 CONCLUSION

9.1 Conclusions

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

Air Quality

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

9.1.3 For 24-hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 during the reporting month. One Action Level exceedance was recorded at AMS 6 on 20 March 2014.

Noise

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

Water Quality

9.1.5 For marine water quality monitoring undertaken during the reporting month, twelve Action Level (AL) exceedances of suspended solid level and one Limit Level (LL) exceedance of suspended solid level were recorded.

Dolphin

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

9.1.7 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (March 2013 - May 2014) and baseline monitoring period (3-month period) will be made.

Mudflat

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

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

Environmental Site Inspection and Audit

9.1.10 Environmental site inspection was carried out on 5, 12, 19 and 28 March 2014. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

9.1.11 There was one complaint received during the reporting month. A complaint investigation was undertaken and it was considered that the complaint was invalid.

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

FIGURES

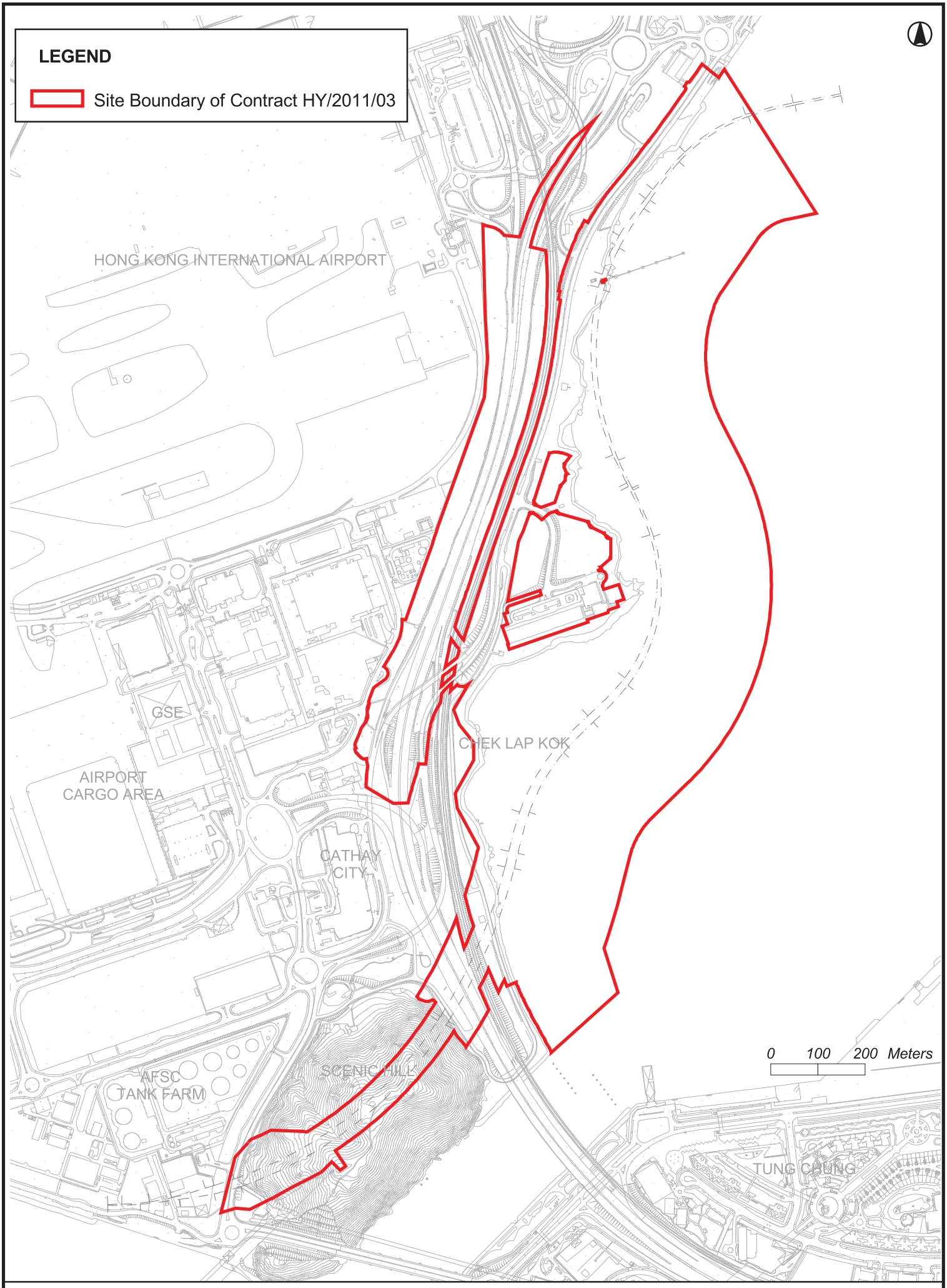
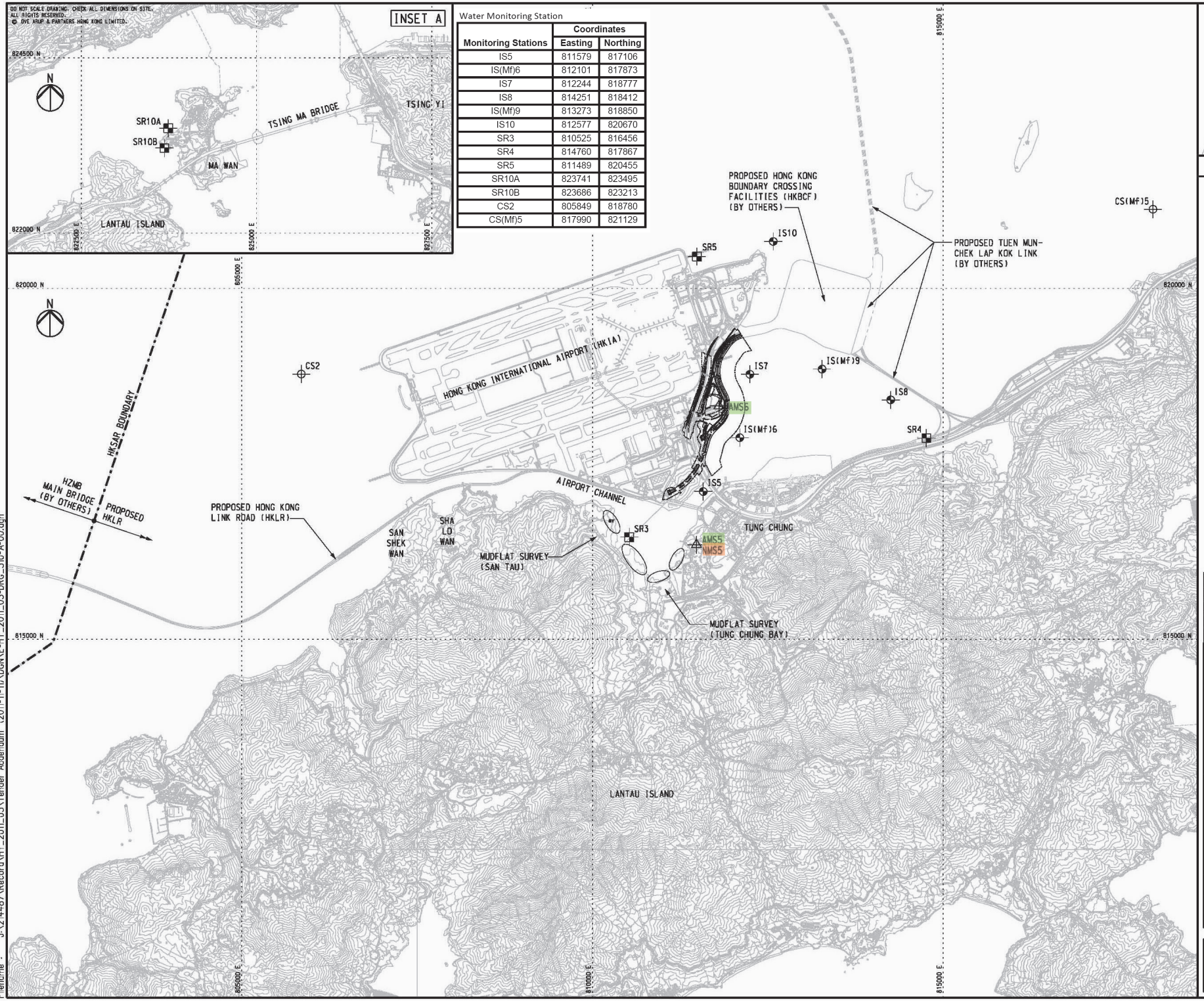
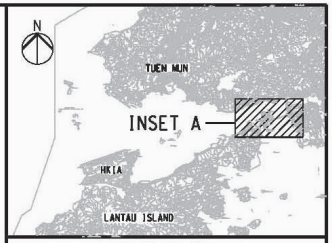


Figure 1.1 Location of the Site

Water Monitoring Station

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





KEY PLAN

NOTES

1. EXACT LOCATIONS OF MONITORING STATIONS ARE TO BE DETERMINED ON SITE. THE CONTRACTOR AND ENVIRONMENTAL TEAM (ET) SHALL AGREE WITH THE INDEPENDENT ENVIRONMENTAL CHECKER (IEC) AND ENVIRONMENTAL PROJECT OFFICE (ENPO) AND APPROVED BY THE SUPERVISING OFFICER FOR THE PROPOSED LOCATION OF THE MONITORING STATIONS.
2. THE LOCATION AND EXTENT OF MUDFLAT SURVEY SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE CONTRACTOR AND ET SHALL DETERMINE AND AGREE WITH THE IEC, ENPO AND SUPERVISING OFFICER THE DETAILS OF THE MUDFLAT SURVEY IN ACCORDANCE WITH THE REQUIREMENTS STIPULATED IN THE EIA REPORTS AND E&MA 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	Date	Checked	Approved
RY	11/11	AW	SK
Scale	As shown	Status	

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

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

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

LEGEND:

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

Rev	Description	By	Date

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

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

Contractor's Designer
ATKINS 阿特金斯

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

Drawing title
MUDFLAT SURVEY AREAS

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

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

Time:

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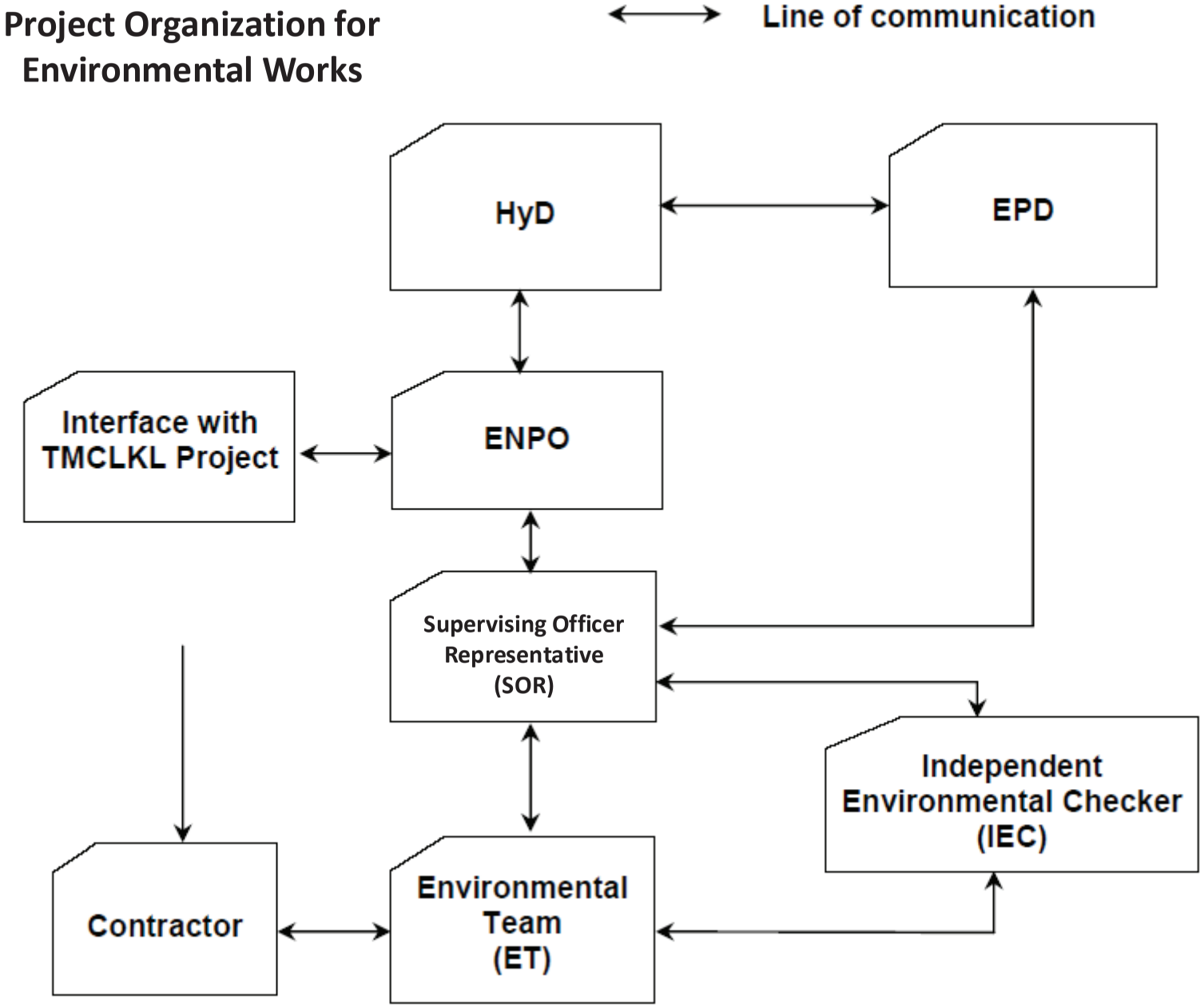
APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



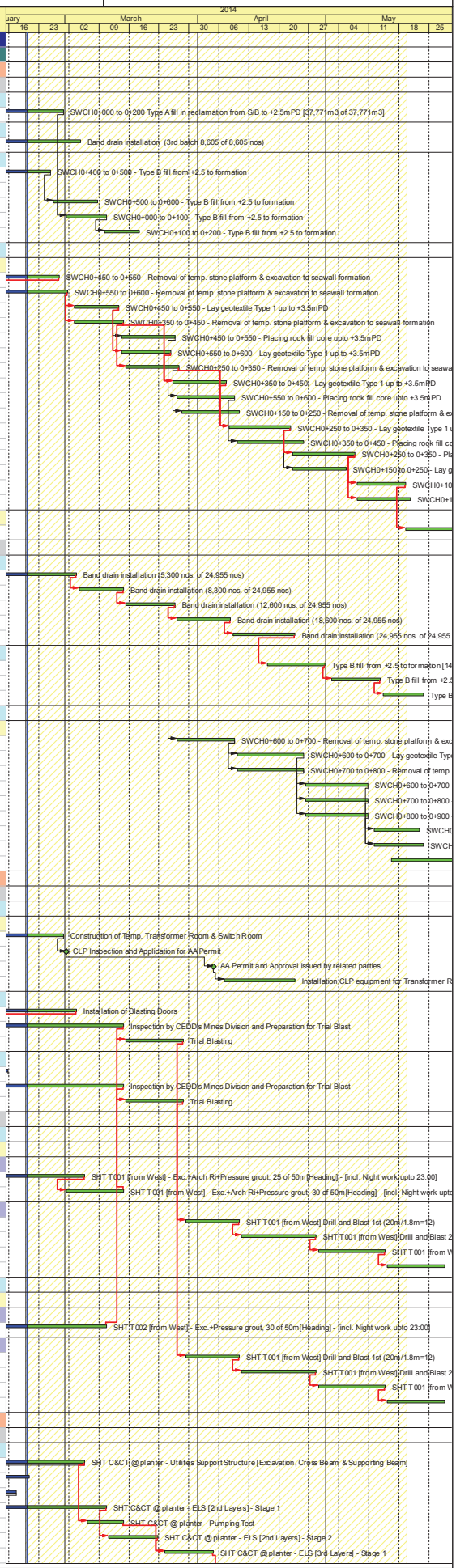
APPENDIX B

Construction Programme

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

(March 2014 to May 2014)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks (Ahead/Delay vs DWP/Rev.0/5)
3 MONTHS PROGRAMME HY/2011/03 (Mar 2014 to May 2014)(Rev0)						
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)						
Reclamation Works						
Reclamation Works - SWCH0+000 to SWCH 0+570						
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1010-10	SWCH0+000 to 0+200 Type A fill in reclamation from S/B to +2.5mPD [37,771m3 of 37,771m3]	10	18-Jan-14 A	28-Feb-14	60%	Behind Programme
Band Drains (SWCH 0+400 to 0+600)						
RSC1012-3	Band drain installation (3rd batch 8,605 of 8,605 nos)	14	26-Jan-14 A	04-Mar-14	38%	Behind Programme
General Fill to Formation +5.5mPD						
RSC1013-5	SWCH0+400 to 0+500 - Type B fill from +2.5 to formation	12	16-Dec-13 A	25-Feb-14	90%	Behind Programme
RSC1013-4	SWCH0+300 to 0+400 - Type B fill from +2.5 to formation	12	04-Jan-14 A	10-Feb-14 A	100%	
RSC1013-6	SWCH0+500 to 0+600 - Type B fill from +2.5 to formation	13	26-Feb-14	08-Mar-14	0%	
RSC1013-7	SWCH0+000 to 0+100 - Type B fill from +2.5 to formation	10	01-Mar-14	10-Mar-14	0%	
RSC1013-8	SWCH0+100 to 0+200 - Type B fill from +2.5 to formation	9	10-Mar-14	18-Mar-14	0%	
Seawall Construction						
Seawall 1st Layer						
RSC1014-1	SWCH0+450 to 0+550 - Removal of temp. stone platform & excavation to seawall formation	14	10-Feb-14 A	27-Feb-14	36.36%	Behind Programme
RSC1014-2	SWCH0+550 to 0+600 - Removal of temp. stone platform & excavation to seawall formation	14	14-Feb-14 A	01-Mar-14	18.18%	Behind Programme
RSC1015-1	SWCH0+450 to 0+550 - Lay geotextile Type 1 up to +3.5mPD	13	03-Mar-14	13-Mar-14	0%	
RSC1014-3	SWCH0+350 to 0+450 - Removal of temp. stone platform & excavation to seawall formation	14	03-Mar-14	14-Mar-14	0%	
RSC1016-1	SWCH0+450 to 0+550 - Placing rock fill core upto +3.5mPD	14	14-Mar-14	26-Mar-14	0%	
RSC1015-2	SWCH0+550 to 0+600 - Lay geotextile Type 1 up to +3.5mPD	13	14-Mar-14	25-Mar-14	0%	
RSC1014-4	SWCH0+250 to 0+350 - Removal of temp. stone platform & excavation to seawall formation	14	15-Mar-14	27-Mar-14	0%	
RSC1015-3	SWCH0+350 to 0+450 - Lay geotextile Type 1 up to +3.5mPD	13	26-Mar-14	07-Apr-14	0%	
RSC1016-2	SWCH0+550 to 0+600 - Placing rock fill core upto +3.5mPD	14	27-Mar-14	09-Apr-14	0%	
RSC1014-5	SWCH0+150 to 0+250 - Removal of temp. stone platform & excavation to seawall formation	14	28-Mar-14	10-Apr-14	0%	
RSC1015-4	SWCH0+250 to 0+350 - Lay geotextile Type 1 up to +3.5mPD	13	08-Apr-14	22-Apr-14	0%	
RSC1016-3	SWCH0+350 to 0+450 - Placing rock fill core upto +3.5mPD	14	10-Apr-14	25-Apr-14	0%	
RSC1016-4	SWCH0+250 to 0+350 - Placing rock fill core upto +3.5mPD	14	23-Apr-14	07-May-14	0%	
RSC1015-5	SWCH0+150 to 0+250 - Lay geotextile Type 1 up to +3.5mPD	13	23-Apr-14	05-May-14	0%	
RSC1015-6	SWCH0+100 to 0+200 - Lay geotextile Type 1 up to +3.5mPD	12	08-May-14	19-May-14	0%	
RSC1016-5	SWCH0+150 to 0+250 - Placing rock fill core upto +3.5mPD	14	08-May-14	20-May-14	0%	
Seawall 2nd Layer/Final Layer						
RSC1020-1	SWCH0+000 to 0+600 - Lay geotextile Type 1 +3.5mPD to Formation Level	30	19-May-14	17-Jun-14	0%	
Reclamation Works - SWCH0+570 to SWCH 1+000						
Band Drains						
RSC1076-2	Band drain installation (5,300 nos. of 24,955 nos)	13	17-Jan-14 A	03-Mar-14	42%	Behind Programme
RSC1076-3	Band drain installation (8,300 nos. of 24,955 nos)	13	04-Mar-14	14-Mar-14	0%	
RSC1076-4	Band drain installation (12,600 nos. of 24,955 nos)	13	15-Mar-14	26-Mar-14	0%	
RSC1076-5	Band drain installation (18,600 nos. of 24,955 nos)	13	27-Mar-14	08-Apr-14	0%	
RSC1076-6	Band drain installation (24,955 nos. of 24,955 nos)	13	09-Apr-14	23-Apr-14	0%	
General Fill to Formation +5.5mPD						
RSC1077-1	Type B fill from +2.5 to formation [14,000 of 56,504m3]	11	17-Apr-14	30-Apr-14	0%	
RSC1077-2	Type B fill from +2.5 to formation [28,000 of 56,504m3]	11	02-May-14	13-May-14	0%	
RSC1077-3	Type B fill from +2.5 to formation [42,000 of 56,504m3]	11	14-May-14	23-May-14	0%	
Seawall Construction						
Seawall 1st Layer						
RSC1078-1	SWCH0+600 to 0+700 - Removal of temp. stone platform & excavation to seawall formation	14	27-Mar-14	09-Apr-14	0%	
RSC1079-1	SWCH0+600 to 0+700 - Lay geotextile Type 1 up to +3.5mPD	14	10-Apr-14	25-Apr-14	0%	
RSC1078-2	SWCH0+700 to 0+800 - Removal of temp. stone platform & excavation to seawall formation	14	10-Apr-14	25-Apr-14	0%	
RSC1080-1	SWCH0+600 to 0+700 - Placing rock fill core upto +3.5mPD	14	26-Apr-14	10-May-14	0%	
RSC1079-2	SWCH0+700 to 0+800 - Lay geotextile Type 1 up to +3.5mPD	14	26-Apr-14	10-May-14	0%	
RSC1078-3	SWCH0+800 to 0+900 - Removal of temp. stone platform & excavation to seawall formation	14	26-Apr-14	10-May-14	0%	
RSC1079-3	SWCH0+800 to 0+900 - Lay geotextile Type 1 up to +3.5mPD	13	12-May-14	22-May-14	0%	
RSC1080-2	SWCH0+700 to 0+800 - Placing rock fill core upto +3.5mPD	14	12-May-14	23-May-14	0%	
RSC1081-1	SWCH0+570 to 0+700 - Placing underlayer rock upto +3.5mPD	16	16-May-14	30-May-14	0%	
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)						
Mined Tunnel West Portal Works						
Site Formation						
Temp. Transformer Room						
SHT9792-3	Construction of Temp. Transformer Room & Switch Room	14	28-Jan-14 A	28-Feb-14	50%	
SHT9792-4	CLP Inspection and Application for AA Permit	0	01-Mar-14		0%	
SHT9792-5	AA Permit and Approval issued by related parties	0		04-Apr-14	0%	
SHT9792-6	Installation CLP equipment for Transformer Rooms	15	07-Apr-14	23-Apr-14	0%	
T001 (4-lane)						
SHT9738-2	Installation of Blasting Doors	13	15-Jan-14 A	03-Mar-14	90%	
SHT9738-3	Inspection by CEDD's Mines Division and Preparation for Trial Blast	10	14-Feb-14 A	14-Mar-14	50%	
SHT9738-4	Trial Blasting	15	15-Mar-14	28-Mar-14	0%	
T002 (3-lane)						
SHT9754-2	Installation of Blasting Doors	12	08-Jan-14 A	15-Feb-14 A	100%	
SHT9754-3	Inspection by CEDD's Mines Division and Preparation for Trial Blast	9	14-Feb-14 A	14-Mar-14	50%	
SHT9754-4	Trial Blasting	15	15-Mar-14	28-Mar-14	0%	
Mined Tunnel through Scenic Hill [480m Approx.]						
To Zhuhai-Macao [4-Lane] Carriageway - T001						
From West-end - 250m Approx.						
Drill & Break [1st 50m] (mix ground & shallow rock cover)						
SHT3010-6	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 25 of 50m[Heading] - [incl. Night work upto	15	24-Jan-14 A	05-Mar-14	30%	Behind Programme
SHT3010-7	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 30 of 50m[Heading] - [incl. Night work upto	15	01-Mar-14	14-Mar-14	0%	
Drill and Blast Works (230m2) (600lining and 500overbreak)						
SHT9742-1	SHT T001 [from West] Drill and Blast 1st (20m/1.8m=12)	13	29-Mar-14	10-Apr-14	0%	
SHT9742-2	SHT T001 [from West] Drill and Blast 2nd (30m/2.3m=14)	15	11-Apr-14	28-Apr-14	0%	
SHT9742-3	SHT T001 [from West] Drill and Blast 3rd (30m/2.3m=14)	15	29-Apr-14	14-May-14	0%	
SHT9742-4	SHT T001 [from West] Drill and Blast 4th (30m/2.3m=14)	15	15-May-14	28-May-14	0%	
To HKBCF [3-Lane] Carriageway - T002						
From West-end - 250m Approx.						
Drill & Break [1st 50m] (mix ground & shallow rock cover)						
SHT6000-6	SHT T002 [from West] - Exc.+Pressure grout, 30 of 50m[Heading] - [incl. Night work upto 23:00]	15	06-Feb-14 A	10-Mar-14	10%	Behind Programme
Drill and Blast Works (192m2) (550lining and 500overbreak)						
SHT9758-1	SHT T001 [from West] Drill and Blast 1st (20m/1.8m=12)	13	29-Mar-14	10-Apr-14	0%	
SHT9758-2	SHT T001 [from West] Drill and Blast 2nd (30m/2.3m=14)	15	11-Apr-14	28-Apr-14	0%	
SHT9758-3	SHT T001 [from West] Drill and Blast 3rd (30m/2.3m=14)	15	29-Apr-14	14-May-14	0%	
SHT9758-4	SHT T001 [from West] Drill and Blast 4th (30m/2.3m=14)	15	15-May-14	28-May-14	0%	
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)						
CCT [East Access Shaft] (Shaft 1)						
Civil & Structurals Works						
SHT1088-1	SHT C&CT @ planter - Utilities Support Structure [Excavation, Cross Beam & Supporting Beam]	14	20-Nov-13 A	05-Mar-14	75%	Behind Programme
SHT1088-3	SHT C&CT @ planter - Utilities Support Structure [Main Support Beam and Top Hanger Beam]	14	18-Jan-14 A	20-Feb-14 A	100%	
SHT1089-2	SHT C&CT @ planter - ELS [1st Layers] - Stage 2	13	20-Jan-14 A	17-Feb-14 A	100%	
SHT1089-3	SHT C&CT @ planter - ELS [2nd Layers] - Stage 1	13	23-Jan-14 A	10-Mar-14	0%	Behind Programme
SHT1086	SHT C&CT @ planter - Pumping Test	10	06-Mar-14	14-Mar-14	0%	
SHT1089-4	SHT C&CT @ planter - ELS [2nd Layers] - Stage 2	14	11-Mar-14	22-Mar-14	0%	
SHT1089-5	SHT C&CT @ planter - ELS [3rd Layers] - Stage 1	14	24-Mar-14	04-Apr-14	0%	



Works Programme

Works Programme

Works Programme

Milestone

Milestone

China State Construction Engineering (Hong Kong) Ltd -

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

, Section between Scenic Hill and HKBCF

Prepared by WC/MM

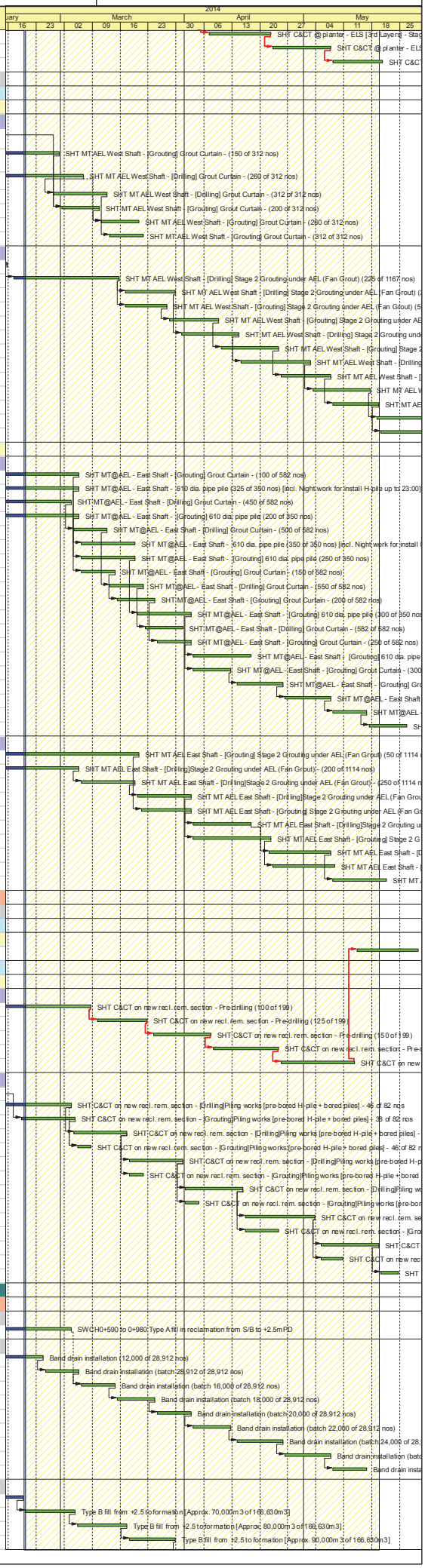
Date	Revision	Chec...	Approved
27-Feb-14...		HKC	SYT

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

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

(March 2014 to May 2014)

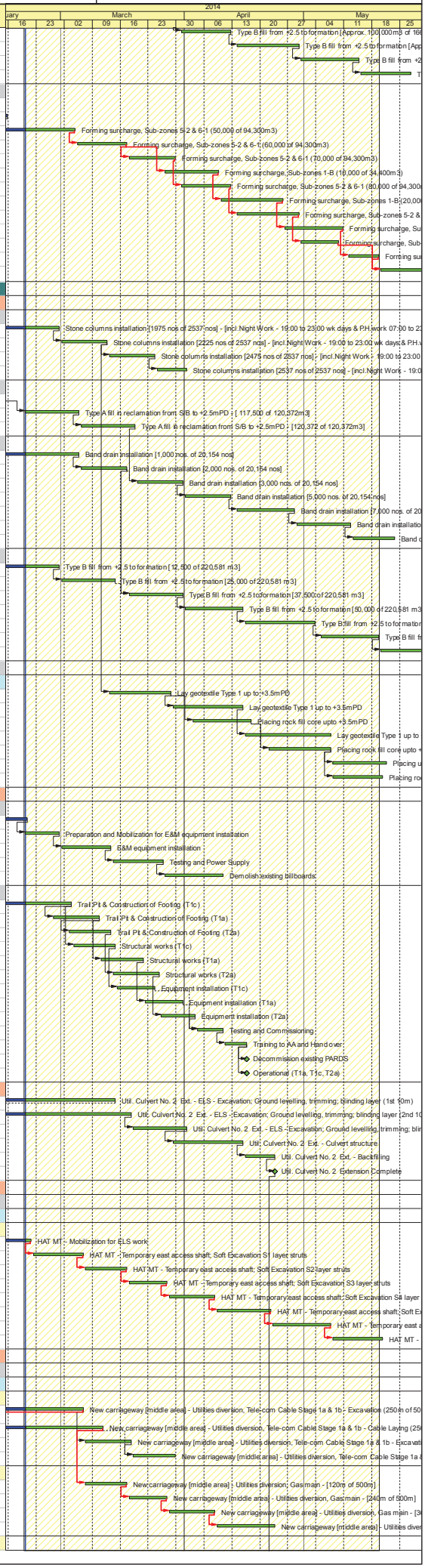
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks (Ahead/Delay vs DWP/Rev.0/5)
SHT1089-6	SHT C&CT @ planter - ELS [3rd Layers] - Stage 2	14	07-Apr-14	22-Apr-14	0%	
SHT1089-7	SHT C&CT @ planter - ELS [4th Layers] - Stage 1	14	23-Apr-14	07-May-14	0%	
SHT1089-8	SHT C&CT @ planter - ELS [4th Layers] - Stage 2	14	08-May-14	20-May-14	0%	
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175						
Civil & Structurals Works						
SHT MT - ELS for AEL West Shaft (Shaft 2)						
Pipe Pile & Grout Curtain						
SHT1834-4	SHT MT AEL West Shaft - [Drilling] Grout Curtain - (200 of 312 nos)	15	03-Jan-14 A	12-Feb-14 A	100%	
SHT1833-3	SHT MT AEL West Shaft - [Grouting] Grout Curtain - (150 of 312 nos)	10	18-Jan-14 A	28-Feb-14	34%	Behind Programme
SHT1834-5	SHT MT AEL West Shaft - [Drilling] Grout Curtain - (260 of 312 nos)	15	12-Feb-14 A	06-Mar-14	12%	Behind Programme
SHT1834-6	SHT MT AEL West Shaft - [Drilling] Grout Curtain - (312 of 312 nos)	15	27-Feb-14	12-Mar-14	0%	
SHT1833-4	SHT MT AEL West Shaft - [Grouting] Grout Curtain - (200 of 312 nos)	10	01-Mar-14	10-Mar-14	0%	
SHT1833-5	SHT MT AEL West Shaft - [Grouting] Grout Curtain - (260 of 312 nos)	11	11-Mar-14	20-Mar-14	0%	
SHT1833-6	SHT MT AEL West Shaft - [Grouting] Grout Curtain - (312 of 312 nos)	10	13-Mar-14	21-Mar-14	0%	
Stage 2 - Fan Grouting						
SHT1835-06	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (175 of 1167 nos)	15	22-Jan-14 A	15-Feb-14 A	100%	
SHT1835-07	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (225 of 1167 nos)	15	17-Feb-14 A	15-Mar-14	5%	
SHT1835-08	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (275 of 1167 nos)	15	17-Mar-14	29-Mar-14	0%	
SHT1836-01	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (50 of 1167 nos)	13	17-Mar-14	27-Mar-14	0%	
SHT1836-02	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (100 of 1167 nos)	13	28-Mar-14	09-Apr-14	0%	
SHT1835-09	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (325 of 1167 nos)	15	31-Mar-14	14-Apr-14	0%	
SHT1836-03	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (150 of 1167 nos)	13	10-Apr-14	24-Apr-14	0%	
SHT1835-10	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (375 of 1167 nos)	15	15-Apr-14	02-May-14	0%	
SHT1836-04	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (200 of 1167 nos)	11	25-Apr-14	07-May-14	0%	
SHT1835-11	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (425 of 1167 nos)	15	03-May-14	17-May-14	0%	
SHT1836-05	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (250 of 1167 nos)	13	08-May-14	19-May-14	0%	
SHT1835-12	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (475 of 1167 nos)	15	19-May-14	31-May-14	0%	
SHT1836-06	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (300 of 1167 nos)	13	20-May-14	31-May-14	0%	
SHT MT - ELS for AEL East Shaft (Shaft 3)						
Pipe Pile & Grout Curtain						
SHT1907-02	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (100 of 582 nos)	10	20-Dec-13 A	05-Mar-14	94%	Behind Programme
SHT1903-10	SHT MT@AEL - East Shaft - 610 dia. pipe pile (325 of 350 nos) [incl. Night work for install H-pile	15	04-Jan-14 A	05-Mar-14	44%	Behind Programme
SHT1908-09	SHT MT@AEL - East Shaft - [Drilling] Grout Curtain - (450 of 582 nos)	10	16-Jan-14 A	03-Mar-14	94%	Behind Programme
SHT1904-04	SHT MT@AEL - East Shaft - [Grouting] 610 dia. pipe pile (200 of 350 nos)	15	23-Jan-14 A	05-Mar-14	32%	Behind Programme
SHT1908-10	SHT MT@AEL - East Shaft - [Drilling] Grout Curtain - (500 of 582 nos)	10	04-Mar-14	12-Mar-14	0%	
SHT1903-11	SHT MT@AEL - East Shaft - 610 dia. pipe pile (350 of 350 nos) [incl. Night work for install H-pile	15	06-Mar-14	19-Mar-14	0%	
SHT1904-05	SHT MT@AEL - East Shaft - [Grouting] 610 dia. pipe pile (250 of 350 nos)	15	06-Mar-14	19-Mar-14	0%	
SHT1907-03	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (150 of 582 nos)	10	06-Mar-14	14-Mar-14	0%	
SHT1908-11	SHT MT@AEL - East Shaft - [Drilling] Grout Curtain - (550 of 582 nos)	10	13-Mar-14	21-Mar-14	0%	
SHT1907-04	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (200 of 582 nos)	10	15-Mar-14	24-Mar-14	0%	
SHT1904-06	SHT MT@AEL - East Shaft - [Grouting] 610 dia. pipe pile (300 of 350 nos)	15	20-Mar-14	02-Apr-14	0%	
SHT1908-12	SHT MT@AEL - East Shaft - [Drilling] Grout Curtain - (582 of 582 nos)	10	22-Mar-14	31-Mar-14	0%	
SHT1907-05	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (250 of 582 nos)	10	25-Mar-14	02-Apr-14	0%	
SHT1904-07	SHT MT@AEL - East Shaft - [Grouting] 610 dia. pipe pile (350 of 350 nos)	15	03-Apr-14	17-Apr-14	0%	
SHT1907-06	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (300 of 582 nos)	10	03-Apr-14	12-Apr-14	0%	
SHT1907-07	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (350 of 582 nos)	10	14-Apr-14	25-Apr-14	0%	
SHT1907-08	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (400 of 582 nos)	10	26-Apr-14	07-May-14	0%	
SHT1907-09	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (450 of 582 nos)	10	08-May-14	16-May-14	0%	
SHT1907-10	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (500 of 582 nos)	10	17-May-14	26-May-14	0%	
Stage 2 - Fan Grouting						
SHT1846-01	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (50 of 1114 nos)	12	10-Jan-14 A	20-Mar-14	12%	
SHT1845-07	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (200 of 1114 nos)	15	06-Feb-14 A	05-Mar-14	32%	
SHT1845-08	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (250 of 1114 nos)	15	06-Mar-14	19-Mar-14	0%	
SHT1845-09	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (300 of 1114 nos)	15	20-Mar-14	02-Apr-14	0%	
SHT1846-02	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (100 of 1114 nos)	14	21-Mar-14	02-Apr-14	0%	
SHT1845-10	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (350 of 1114nos)	15	03-Apr-14	17-Apr-14	0%	
SHT1846-03	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (150 of 1114 nos)	16	03-Apr-14	22-Apr-14	0%	
SHT1845-11	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (400 of 1114nos)	15	22-Apr-14	07-May-14	0%	
SHT1846-04	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (200 of 1114 nos)	15	23-Apr-14	08-May-14	0%	
SHT1845-12	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (450 of 1114nos)	15	08-May-14	21-May-14	0%	
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)						
CCT Works - on New Reclamation [490m Approx.]						
CCT Works in Section with the Box Culvert Extension [165m Approx.]						
Civil & Structurals Works						
SHT1840-1	SHT C&CT on new recl. w/ BC - Pre-drilling	18	14-May-14	29-May-14	0%	
CCT Works in Remaining Section [325m Approx.]						
Civil & Structurals Works						
Pre-drilling Work						
SHT1900-4	SHT C&CT on new recl. rem. section - Pre-drilling (100 of 199)	14	30-Dec-13 A	08-Mar-14	16%	Ahead Programme
SHT1900-5	SHT C&CT on new recl. rem. section - Pre-drilling (125 of 199)	15	10-Mar-14	22-Mar-14	0%	
SHT1900-6	SHT C&CT on new recl. rem. section - Pre-drilling (150 of 199)	15	24-Mar-14	07-Apr-14	0%	
SHT1900-7	SHT C&CT on new recl. rem. section - Pre-drilling (175 of 199)	15	08-Apr-14	24-Apr-14	0%	
SHT1900-8	SHT C&CT on new recl. rem. section - Pre-drilling (199 of 199)	18	25-Apr-14	13-May-14	0%	
Piling Work						
SHT1910-06	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 38	15	28-Dec-13 A	12-Feb-14 A	100%	
SHT1910-07	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 46	15	15-Feb-14 A	03-Mar-14	38%	Ahead Programme
SHT1911-06	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 38	5	19-Feb-14 A	04-Mar-14	38%	Ahead Programme
SHT1910-08	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 54	15	04-Mar-14	17-Mar-14	0%	
SHT1911-07	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 46	5	05-Mar-14	08-Mar-14	0%	
SHT1910-09	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 60	15	18-Mar-14	31-Mar-14	0%	
SHT1911-08	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 54	5	18-Mar-14	21-Mar-14	0%	
SHT1910-10	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 68	15	01-Apr-14	15-Apr-14	0%	
SHT1911-09	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 60	5	01-Apr-14	04-Apr-14	0%	
SHT1910-11	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 76	15	16-Apr-14	03-May-14	0%	
SHT1911-10	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 68	6	16-Apr-14	24-Apr-14	0%	
SHT1910-12	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile + bored piles] - 82	15	05-May-14	19-May-14	0%	
SHT1911-11	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 76	6	05-May-14	10-May-14	0%	
SHT1911-12	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-pile + bored piles] - 82	6	20-May-14	24-May-14	0%	
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT						
Reclamation Works						
Filling to +2.5 mPD (70% Sand Fill and 30% Public Fill)						
RSC1320-2	SWCH0+590 to 0+980 Type A fill in reclamation from S/B to +2.5mPD	18	21-Dec-13 A	03-Mar-14	90%	Behind Programme
Band Drain						
RSC1330-2	Band drain installation (12,000 of 28,912 nos)	10	15-Jan-14 A	24-Feb-14	50%	Behind Programme
RSC1330-3	Band drain installation (batch 28,912 of 28,912 nos)	10	25-Feb-14	05-Mar-14	0%	
RSC1330-4	Band drain installation (batch 16,000 of 28,912 nos)	10	06-Mar-14	14-Mar-14	0%	
RSC1330-5	Band drain installation (batch 18,000 of 28,912 nos)	10	15-Mar-14	24-Mar-14	0%	
RSC1330-6	Band drain installation (batch 20,000 of 28,912 nos)	10	25-Mar-14	02-Apr-14	0%	
RSC1330-7	Band drain installation (batch 22,000 of 28,912 nos)	10	03-Apr-14	12-Apr-14	0%	
RSC1330-8	Band drain installation (batch 24,000 of 28,912 nos)	10	14-Apr-14	25-Apr-14	0%	
RSC1330-9	Band drain installation (batch 26,000 of 28,912 nos)	10	26-Apr-14	07-May-14	0%	
RSC1330-10	Band drain installation (batch 28,912 of 28,912 nos)	10	08-May-14	16-May-14	0%	
General Fill to Formation +5.5 mPD						
RSC1350	Type B fill from +2.5 to formation [Approx. 60,000m3 of 166,630m3]	13	16-Nov-13 A	19-Feb-14 A	100%	Behind Programme
RSC1370	Type B fill from +2.5 to formation [Approx. 70,000m3 of 166,630m3]	14	20-Feb-14 A	04-Mar-14	0%	Behind Programme
RSC1380	Type B fill from +2.5 to formation [Approx. 80,000m3 of 166,630m3]	14	05-Mar-14	17-Mar-14	0%	
RSC1390	Type B fill from +2.5 to formation [Approx. 90,000m3 of 166,630m3]	14	18-Mar-14	29-Mar-14	0%	



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

(March 2014 to May 2014)

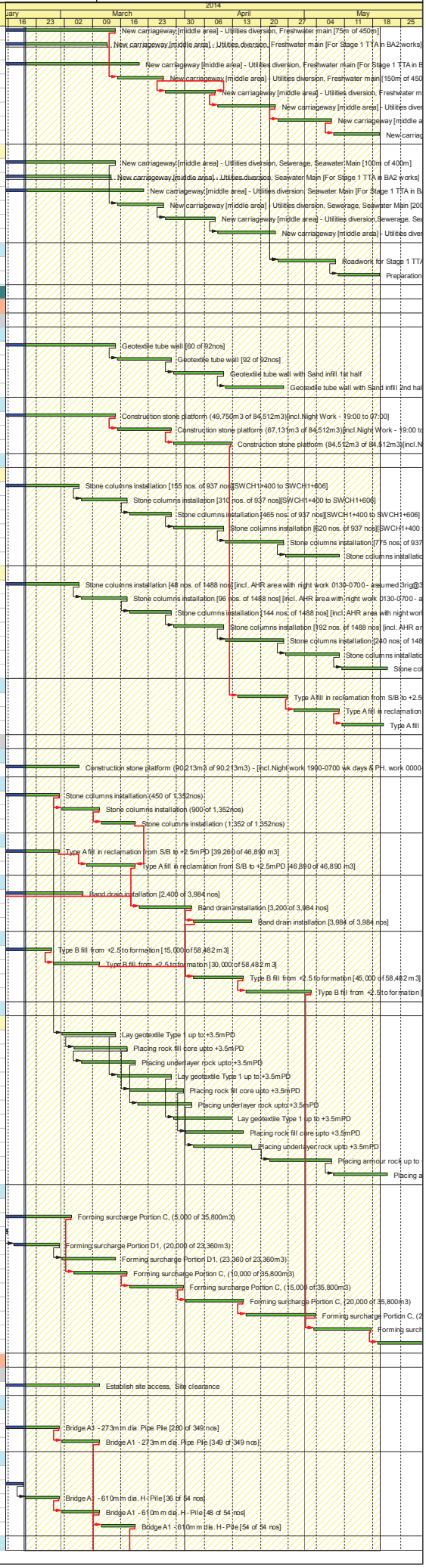
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks (Ahead/Delay vs DWP/Rev.0/5)
RSC1400	Type B fill from +2.5 to formation [Approx. 100,000 m3 of 166,630m3]	14	31-Mar-14	12-Apr-14	0%	
RSC1410	Type B fill from +2.5 to formation [Approx. 120,000 m3 of 166,630m3]	14	14-Apr-14	29-Apr-14	0%	
RSC1420	Type B fill from +2.5 to formation [Approx. 130,000 m3 of 166,630m3]	14	30-Apr-14	14-May-14	0%	
RSC1430	Type B fill from +2.5 to formation [Approx. 140,000 m3 of 166,630m3]	14	15-May-14	27-May-14	0%	
Surcharge						
RSC1083-03	Forming surcharge, Sub-zone 5-1(14,500 of 14,500m3)	14	23-Dec-13 A	10-Feb-14 A	100%	
RSC1084-4	Forming surcharge, Sub-zones 5-2 & 6-1 (40,000 of 94,300m3)	14	06-Feb-14 A	15-Feb-14 A	100%	
RSC1084-5	Forming surcharge, Sub-zones 5-2 & 6-1 (50,000 of 94,300m3)	14	15-Feb-14 A	04-Mar-14	52%	Ahead Programme
RSC1084-6	Forming surcharge, Sub-zones 5-2 & 6-1 (60,000 of 94,300m3)	14	05-Mar-14	17-Mar-14	0%	
RSC1084-7	Forming surcharge, Sub-zones 5-2 & 6-1 (70,000 of 94,300m3)	14	18-Mar-14	29-Mar-14	0%	
RSC1085-1	Forming surcharge, Sub-zones 1-B (10,000 of 34,400m3)	14	27-Mar-14	09-Apr-14	0%	
RSC1084-8	Forming surcharge, Sub-zones 5-2 & 6-1 (80,000 of 94,300m3)	14	31-Mar-14	12-Apr-14	0%	
RSC1085-2	Forming surcharge, Sub-zones 1-B (20,000 of 34,400m3)	14	10-Apr-14	25-Apr-14	0%	
RSC1084-9	Forming surcharge, Sub-zones 5-2 & 6-1 (90,000 of 94,300m3)	14	14-Apr-14	29-Apr-14	0%	
RSC1085-3	Forming surcharge, Sub-zones 1-B (30,000 of 34,400m3)	14	26-Apr-14	10-May-14	0%	
RSC1084-10	Forming surcharge, Sub-zones 5-2 & 6-1 (94,300 of 94,300m3)	9	30-Apr-14	09-May-14	0%	
RSC1085-4	Forming surcharge, Sub-zones 1-B (34,400 of 34,400m3)	9	12-May-14	19-May-14	0%	
RSC1086-1	Forming surcharge, Sub-zones 6-2 (10,000 of 37,500m3)	14	20-May-14	31-May-14	0%	
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)						
Reclamation Works - SWCH1000 to 1400 (AHR 20mPD) & (12.5mPD)						
Stone Column						
RSC1044-6	Stone columns installation [1975 nos of 2537 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.	12	10-Feb-14 A	28-Feb-14	40%	Behind Programme
RSC1044-7	Stone columns installation [2225 nos of 2537 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.	13	01-Mar-14	12-Mar-14	0%	
RSC1044-8	Stone columns installation [2475 nos of 2537 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.	13	13-Mar-14	24-Mar-14	0%	
RSC1044-9	Stone columns installation [2537 nos of 2537 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.	9	25-Mar-14	01-Apr-14	0%	
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1041-7	Type A fill in reclamation from S/B to +2.5mPD - [115,000 of 120,372m3]	10	13-Jan-14 A	10-Feb-14 A	100%	
RSC1041-8	Type A fill in reclamation from S/B to +2.5mPD - [117,500 of 120,372m3]	15	20-Feb-14 A	05-Mar-14	10%	On Programme
RSC1041-9	Type A fill in reclamation from S/B to +2.5mPD - [120,372 of 120,372m3]	15	06-Mar-14	19-Mar-14	0%	
Band Drains						
RSC1045-1	Band drain installation [1,000 nos. of 20,154 nos]	14	19-Sep-13 A	05-Mar-14	76%	On Programme
RSC1045-2	Band drain installation [2,000 nos. of 20,154 nos]	13	06-Mar-14	17-Mar-14	0%	
RSC1045-3	Band drain installation [3,000 nos. of 20,154 nos]	13	20-Mar-14	31-Mar-14	0%	
RSC1045-4	Band drain installation [5,000 nos. of 20,154 nos]	13	01-Apr-14	12-Apr-14	0%	
RSC1045-5	Band drain installation [7,000 nos. of 20,154 nos]	13	14-Apr-14	28-Apr-14	0%	
RSC1045-6	Band drain installation [9,000 nos. of 20,154 nos]	13	29-Apr-14	12-May-14	0%	
RSC1045-7	Band drain installation [11,000 nos. of 20,154 nos]	13	13-May-14	23-May-14	0%	
General Fill to Formation +5.5mPD						
RSC1046-1	Type B fill from +2.5 to formation [12,500 of 220,581 m3]	15	03-Dec-13 A	28-Feb-14	97%	On Programme
RSC1046-2	Type B fill from +2.5 to formation [25,000 of 220,581 m3]	15	01-Mar-14	14-Mar-14	0%	
RSC1046-3	Type B fill from +2.5 to formation [37,500 of 220,581 m3]	15	18-Mar-14	31-Mar-14	0%	
RSC1046-4	Type B fill from +2.5 to formation [50,000 of 220,581 m3]	15	01-Apr-14	15-Apr-14	0%	
RSC1046-5	Type B fill from +2.5 to formation [62,500 of 220,581 m3]	15	16-Apr-14	03-May-14	0%	
RSC1046-6	Type B fill from +2.5 to formation [75,000 of 220,581 m3]	15	05-May-14	19-May-14	0%	
RSC1046-7	Type B fill from +2.5 to formation [87,500 of 220,581 m3]	15	20-May-14	03-Jun-14	0%	
Seawall Construction						
Seawall 1st Layer						
RSC1048-1	Lay geotextile Type 1 up to +3.5mPD	18	13-Mar-14	28-Mar-14	0%	
RSC1048-2	Lay geotextile Type 1 up to +3.5mPD	18	29-Mar-14	15-Apr-14	0%	
RSC1049-1	Placing rock fill core upto +3.5mPD	15	03-Apr-14	17-Apr-14	0%	
RSC1048-3	Lay geotextile Type 1 up to +3.5mPD	18	16-Apr-14	07-May-14	0%	
RSC1049-2	Placing rock fill core upto +3.5mPD	15	22-Apr-14	07-May-14	0%	
RSC1050-1	Placing underlayer rock upto +3.5mPD	15	08-May-14	21-May-14	0%	
RSC1049-3	Placing rock fill core upto +3.5mPD	14	08-May-14	20-May-14	0%	
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works						
Relocation of Billboards						
PARDS250	Installation of steel structure parts and steel plate for billboards (No.2, 3 & 4)	14	23-Dec-13 A	20-Feb-14 A	100%	Behind Programme
PARDS255	Preparation and Mobilization for E&M equipment installation	10	20-Feb-14	28-Feb-14	0%	
PARDS260	E&M equipment installation	14	01-Mar-14	13-Mar-14	0%	
PARDS270	Testing and Power Supply	14	14-Mar-14	26-Mar-14	0%	
PARDS280	Demolish existing billboards	15	27-Mar-14	10-Apr-14	0%	
PARDS - Construction T1a, T1c, T2a						
PARDS100-1	Trail Pit & Construction of Footing (T1c)	13	20-Jan-14 A	03-Mar-14	25%	Behind Programme
PARDS100-2	Trail Pit & Construction of Footing (T1a)	13	27-Feb-14	10-Mar-14	0%	
PARDS100-3	Trail Pit & Construction of Footing (T2a)	13	03-Mar-14	13-Mar-14	0%	
PARDS101-1	Structural works (T1c)	13	04-Mar-14	14-Mar-14	0%	
PARDS101-2	Structural works (T1a)	13	11-Mar-14	21-Mar-14	0%	
PARDS101-3	Structural works (T2a)	13	14-Mar-14	25-Mar-14	0%	
PARDS110-1	Equipment installation (T1c)	10	15-Mar-14	24-Mar-14	0%	
PARDS110-2	Equipment installation (T1a)	10	22-Mar-14	31-Mar-14	0%	
PARDS110-3	Equipment installation (T2a)	10	26-Mar-14	03-Apr-14	0%	
PARDS120	Testing and Commissioning	6	04-Apr-14	10-Apr-14	0%	
PARDS121	Training to AA and Hand over	6	11-Apr-14	16-Apr-14	0%	
PARDS140	Decommission existing PARDS	0		16-Apr-14	0%	
PARDS130	Operational (T1a, T1c, T2a)	0		16-Apr-14	0%	
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]						
UC2.1020	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 10m)	15	17-Sep-13 A	14-Mar-14	30%	Behind Programme
UC2.1021	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 10m)	15	27-Dec-13 A	18-Mar-14	27%	Behind Programme
UC2.1022	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 10m)	15	19-Mar-14	01-Apr-14	0%	
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	18	29-Mar-14	15-Apr-14	0%	
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	5	16-Apr-14	23-Apr-14	0%	
UC2.1050	Util. Culvert No. 2 Extension Complete	0		23-Apr-14	0%	
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage						
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]						
Utilities Diversion, SI Works and Temp. Access Shaft (Shaft 4)						
ELS						
HAT1576-4	HAT MT - Mobilization for ELS work	7	30-Jan-14 A	21-Feb-14	64.29%	Behind Programme
HAT1578-01	HAT MT - Temporary east access shaft; Soft Excavation S1 layer struts	14	22-Feb-14	06-Mar-14	0%	
HAT1578-02	HAT MT - Temporary east access shaft; Soft Excavation S2 layer struts	11	07-Mar-14	17-Mar-14	0%	
HAT1578-03	HAT MT - Temporary east access shaft; Soft Excavation S3 layer struts	11	18-Mar-14	27-Mar-14	0%	
HAT1578-04	HAT MT - Temporary east access shaft; Soft Excavation S4 layer struts	11	28-Mar-14	08-Apr-14	0%	
HAT1578-05	HAT MT - Temporary east access shaft; Soft Excavation S5 layer struts	11	09-Apr-14	22-Apr-14	0%	
HAT1578-06	HAT MT - Temporary east access shaft; Soft Excavation S6a layer struts	14	23-Apr-14	07-May-14	0%	
HAT1578-07	HAT MT - Temporary east access shaft; Soft Excavation S6b layer struts	14	08-May-14	20-May-14	0%	
New Carriageway & Modification of Existing Roads						
New Carriageway adjacent to HKIA [615m Approx.]						
Utilities Diversion						
Tele/COM Cable						
NCW1041-1	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Excavation (250m of 500m)	12	13-Dec-13 A	06-Mar-14	43%	Behind Programme
NCW1041-2	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Cable Laying	12	15-Feb-14 A	11-Mar-14	32%	
NCW1041-3	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Excavation (5	13	07-Mar-14	18-Mar-14	0%	
NCW1041-4	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Cable Laying	13	19-Mar-14	29-Mar-14	0%	
Gasmain						
NCW1042-1	New carriageway [middle area] - Utilities diversion, Gas main - [120m of 500m]	11	07-Mar-14	17-Mar-14	0%	
NCW1042-2	New carriageway [middle area] - Utilities diversion, Gas main - [240m of 500m]	11	18-Mar-14	27-Mar-14	0%	
NCW1042-3	New carriageway [middle area] - Utilities diversion, Gas main - [360m of 500m]	11	28-Mar-14	08-Apr-14	0%	
NCW1042-4	New carriageway [middle area] - Utilities diversion, Gas main - [500m of 500m]	13	09-Apr-14	23-Apr-14	0%	
Freshwater main						



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

(March 2014 to May 2014)

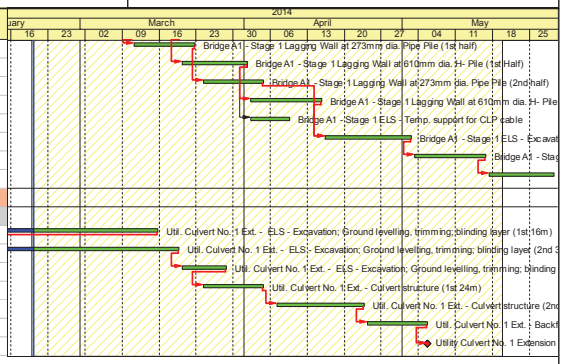
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks (Ahead/Delay vs DWP/Rev.0/5)
NCW1046-3	New carriageway [middle area] - Utilities diversion, Freshwater main [75m of 450m]	13	13-Dec-13 A	14-Mar-14	50%	Behind Programme
NCW1046-1	New carriageway [middle area] - Utilities diversion, Freshwater main [For Stage 1 TTA in BA2 works] [25 of 50m]	15	15-Jan-14 A	12-Mar-14	50%	Behind Programme
NCW1046-2	New carriageway [middle area] - Utilities diversion, Freshwater main [For Stage 1 TTA in BA2 wor	15	15-Feb-14 A	20-Mar-14	50%	Behind Programme
NCW1046-4	New carriageway [middle area] - Utilities diversion, Freshwater main [150m of 450m]	13	15-Mar-14	26-Mar-14	0%	
NCW1046-5	New carriageway [middle area] - Utilities diversion, Freshwater main [225m of 450m]	13	27-Mar-14	08-Apr-14	0%	
NCW1046-6	New carriageway [middle area] - Utilities diversion, Freshwater main [300m of 450m]	13	09-Apr-14	23-Apr-14	0%	
NCW1046-7	New carriageway [middle area] - Utilities diversion, Freshwater main [375m of 450m]	13	24-Apr-14	07-May-14	0%	
NCW1046-8	New carriageway [middle area] - Utilities diversion, Freshwater main [450m of 450m]	13	08-May-14	19-May-14	0%	
	Seawater/Sewerage					
NCW1086-3	New carriageway [middle area] - Utilities diversion, Sewerage, Seawater Main [100m of 400m]	13	13-Dec-13 A	14-Mar-14	50%	Behind Programme
NCW1086-1	New carriageway [middle area] - Utilities diversion, Seawater Main [For Stage 1 TTA in BA2 works]	15	15-Jan-14 A	13-Mar-14	50%	Behind Programme
NCW1086-2	New carriageway [middle area] - Utilities diversion, Seawater Main [For Stage 1 TTA in BA2 works]	15	15-Feb-14 A	21-Mar-14	50%	Behind Programme
NCW1086-4	New carriageway [middle area] - Utilities diversion, Sewerage, Seawater Main [200m of 400m]	13	15-Mar-14	26-Mar-14	0%	
NCW1086-5	New carriageway [middle area] - Utilities diversion,Sewerage, Seawater Main [300m of 400m]	13	27-Mar-14	08-Apr-14	0%	
NCW1086-6	New carriageway [middle area] - Utilities diversion,Sewerage, Seawater Main [400m of 400m]	13	09-Apr-14	23-Apr-14	0%	
	Stage 1 TTA - Diversion of NB Airport Road (for Works in BA2)					
NCW1055	Roadwork for Stage 1 TTA	14	24-Apr-14	08-May-14	0%	
NCW1065	Preparation for Implementation of Stage 1 TTA	11	09-May-14	19-May-14	0%	
	WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)					
	Reclamation & Seawall Const. [723m Approx.]					
	Remaining Portion From SWCH1400 to 1830 (AHR 15 to 20mPD)[Except Zone D)					
	Area2 - Geotextile Tube Wall + Sandfill to +2.5mPD					
RSC1106-13	Geotextile tube wall [60 of 92nos]	12	28-Dec-13 A	14-Mar-14	62%	Behind Programme
RSC1106-14	Geotextile tube wall [92 of 92nos]	15	15-Mar-14	28-Mar-14	0%	
RSC1106-15	Geotextile tube wall with Sand infill 1st half	13	29-Mar-14	10-Apr-14	0%	
RSC1106-16	Geotextile tube wall with Sand infill 2nd half	13	11-Apr-14	25-Apr-14	0%	
	Stone Platform					
RSC1106-2	Construction stone platform (49,750m3 of 84,512m3)[incl.Night Work - 19:00 to 07:00]	14	21-Jun-13 A	14-Mar-14	68%	Behind Programme
RSC1106-4	Construction stone platform (67,131m3 of 84,512m3)[incl.Night Work - 19:00 to 07:00]	15	15-Mar-14	28-Mar-14	0%	
RSC1106-5	Construction stone platform (84,512m3 of 84,512m3)[incl.Night Work - 19:00 to 07:00]	15	29-Mar-14	12-Apr-14	0%	
	Stone Column					
	North Portion (Except Area 2)					
RSC1109-1	Stone columns installation [155 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12	14-Jan-14 A	05-Mar-14	38%	Behind Programme
RSC1109-2	Stone columns installation [310 nos. of 937 nos][SWCH1+400 to SWCH1+606]	13	06-Mar-14	17-Mar-14	0%	
RSC1109-3	Stone columns installation [465 nos. of 937 nos][SWCH1+400 to SWCH1+606]	13	18-Mar-14	28-Mar-14	0%	
RSC1109-4	Stone columns installation [620 nos. of 937 nos][SWCH1+400 to SWCH1+606]	13	29-Mar-14	10-Apr-14	0%	
RSC1109-5	Stone columns installation [775 nos. of 937 nos][SWCH1+400 to SWCH1+606]	13	11-Apr-14	25-Apr-14	0%	
RSC1109-6	Stone columns installation [937 nos. of 937 nos][SWCH1+400 to SWCH1+606]	13	26-Apr-14	09-May-14	0%	
	Area 2 - AHR Area					
RSC1110-1	Stone columns installation [48 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assu	12	16-Jan-14 A	05-Mar-14	30%	Behind Programme
RSC1110-2	Stone columns installation [96 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assu	13	06-Mar-14	17-Mar-14	0%	
RSC1110-3	Stone columns installation [144 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - ass	13	18-Mar-14	28-Mar-14	0%	
RSC1110-4	Stone columns installation [192 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - ass	13	29-Mar-14	10-Apr-14	0%	
RSC1110-5	Stone columns installation [240 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - ass	13	11-Apr-14	25-Apr-14	0%	
RSC1110-6	Stone columns installation [288 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - ass	13	26-Apr-14	09-May-14	0%	
RSC1110-7	Stone columns installation [336 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - ass	13	10-May-14	21-May-14	0%	
	Filling to +2.5mPD (Sand Fill to +1mPD and Public Fill to +2.5mPD)					
RSC1107-1	Type A fill in reclamation from S/B to +2.5mPD (SWCH1400 to SWCH 1450)	11	14-Apr-14	26-Apr-14	0%	
RSC1107-2	Type A fill in reclamation from S/B to +2.5mPD (SWCH1450 to SWCH 1500)	11	28-Apr-14	09-May-14	0%	
RSC1107-3	Type A fill in reclamation from S/B to +2.5mPD (SWCH1500 to SWCH 1550)	11	10-May-14	20-May-14	0%	
	Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)					
	Stone Platform					
RSC1133-4	Construction stone platform (90,213m3 of 90,213m3) - [incl.Night work 1900-0700 wk days & PH.	12	16-Dec-13 A	05-Mar-14	63%	Behind Programme
	Stone Column					
RSC1136-3	Stone columns installation (450 of 1,352nos)	10	30-Jan-14 A	28-Feb-14	12%	Behind Programme
RSC1136-4	Stone columns installation (900 of 1,352nos)	10	01-Mar-14	10-Mar-14	0%	
RSC1136-5	Stone columns installation (1,352 of 1,352nos)	10	11-Mar-14	19-Mar-14	0%	
	Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)					
RSC1134-5	Type A fill in reclamation from S/B to +2.5mPD [39,260 of 46,890 m3]	13	05-Feb-14 A	28-Feb-14	30%	Ahead Programme
RSC1134-6	Type A fill in reclamation from S/B to +2.5mPD [46,890 of 46,890 m3]	13	07-Mar-14	19-Mar-14	0%	
	Band Drains					
RSC1135-3	Band drain installation [2,400 of 3,984 nos]	13	18-Jan-14 A	06-Mar-14	10%	Ahead Programme
RSC1135-4	Band drain installation [3,200 of 3,984 nos]	14	20-Mar-14	02-Apr-14	0%	
RSC1135-5	Band drain installation [3,984 of 3,984 nos]	15	03-Apr-14	17-Apr-14	0%	
	General Fill to Formation +5.5mPD					
RSC1145-1	Type B fill from +2.5 to formation [15,000 of 58,482 m3]	12	20-Jan-14 A	26-Feb-14	85%	Ahead Programme
RSC1145-2	Type B fill from +2.5 to formation [30,000 of 58,482 m3]	13	27-Feb-14	10-Mar-14	0%	
RSC1145-3	Type B fill from +2.5 to formation [45,000 of 58,482 m3]	13	03-Apr-14	15-Apr-14	0%	
RSC1145-4	Type B fill from +2.5 to formation [58,482 of 58,482 m3]	14	16-Apr-14	02-May-14	0%	
	Seawall Construction					
	Seawall 1st Layer					
RSC1140-1	Lay geotextile Type 1 up to +3.5mPD	15	01-Mar-14	14-Mar-14	0%	
RSC1141-1	Placing rock fill core upto +3.5mPD	15	04-Mar-14	17-Mar-14	0%	
RSC1142-1	Placing underlayer rock upto +3.5mPD	15	06-Mar-14	19-Mar-14	0%	
RSC1140-2	Lay geotextile Type 1 up to +3.5mPD	15	15-Mar-14	28-Mar-14	0%	
RSC1141-2	Placing rock fill core upto +3.5mPD	15	18-Mar-14	31-Mar-14	0%	
RSC1142-2	Placing underlayer rock upto +3.5mPD	15	20-Mar-14	02-Apr-14	0%	
RSC1140-3	Lay geotextile Type 1 up to +3.5mPD	15	29-Mar-14	12-Apr-14	0%	
RSC1141-3	Placing rock fill core upto +3.5mPD	15	01-Apr-14	15-Apr-14	0%	
RSC1142-3	Placing underlayer rock upto +3.5mPD	15	03-Apr-14	17-Apr-14	0%	
RSC1143-1	Placing armour rock up to +3.5mPD	15	22-Apr-14	07-May-14	0%	
RSC1143-2	Placing armour rock up to +3.5mPD	15	08-May-14	21-May-14	0%	
	Surcharge					
RSC1144-2	Forming surcharge Portion D1, (10,000 of 23,360m3)	10	04-Feb-14 A	10-Feb-14 A	100%	
RSC1146-1	Forming surcharge Portion C, (5,000 of 35,800m3)	12	08-Feb-14 A	03-Mar-14	90%	Ahead Programme
RSC1144-3	Forming surcharge Portion D1, (15,000 of 23,360m3)	10	10-Feb-14 A	15-Feb-14 A	100%	
RSC1144-4	Forming surcharge Portion D1, (20,000 of 23,360m3)	14	17-Feb-14 A	28-Feb-14	50%	Ahead Programme
RSC1144-5	Forming surcharge Portion D1, (23,360 of 23,360m3)	15	01-Mar-14	14-Mar-14	0%	
RSC1146-2	Forming surcharge Portion C, (10,000 of 35,800m3)	15	04-Mar-14	17-Mar-14	0%	
RSC1146-3	Forming surcharge Portion C, (15,000 of 35,800m3)	15	18-Mar-14	31-Mar-14	0%	
RSC1146-4	Forming surcharge Portion C, (20,000 of 35,800m3)	15	01-Apr-14	15-Apr-14	0%	
RSC1146-5	Forming surcharge Portion C, (25,000 of 35,800m3)	15	16-Apr-14	03-May-14	0%	
RSC1146-6	Forming surcharge Portion C, (30,000 of 35,800m3)	15	03-May-14	17-May-14	0%	
RSC1146-7	Forming surcharge Portion C, (35,800 of 35,800m3)	15	19-May-14	31-May-14	0%	
	Works in Bridge A1 & Depressed Road					
	Bridge A1 - Initial Works and SI Works					
BA1.1412	Establish site access, Site clearance	14	04-Dec-13 A	10-Mar-14	50%	Behind Programme
	Pipe Pile					
BA1.1420-3	Bridge A1 - 273mm dia. Pipe Pile [210 of 349 nos]	10	29-Jan-14 A	12-Feb-14 A	100%	
BA1.1420-4	Bridge A1 - 273mm dia. Pipe Pile [280 of 349 nos]	10	12-Feb-14 A	28-Feb-14	78%	Behind Programme
BA1.1420-5	Bridge A1 - 273mm dia. Pipe Pile [349 of 349 nos]	10	01-Mar-14	10-Mar-14	0%	
	H-Pile					
BA1.1425-1	Bridge A1 - 610mm dia. H- Pile [12 of 54 nos]	10	13-Jan-14 A	14-Feb-14 A	100%	
BA1.1425-2	Bridge A1 - 610mm dia. H- Pile [24 of 54 nos]	10	15-Feb-14 A	19-Feb-14 A	100%	
BA1.1425-3	Bridge A1 - 610mm dia. H- Pile [36 of 54 nos]	10	20-Feb-14 A	28-Feb-14	8%	Behind Programme
BA1.1425-4	Bridge A1 - 610mm dia. H- Pile [48 of 54 nos]	10	01-Mar-14	10-Mar-14	0%	
BA1.1425-5	Bridge A1 - 610mm dia. H- Pile [54 of 54 nos]	10	11-Mar-14	19-Mar-14	0%	
	ELS					



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

(March 2014 to May 2014)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks (Ahead/Delay vs DWP/Rev.0/5)
BA1.1421-1	Bridge A1 - Stage 1 Lagging Wall at 273mm dia. Pipe Pile (1st half)	14	11-Mar-14	22-Mar-14	0%	
BA1.1426-1	Bridge A1 - Stage 1 Lagging Wall at 610mm dia. H- Pile (1st Half)	14	20-Mar-14	01-Apr-14	0%	
BA1.1421-2	Bridge A1 - Stage 1 Lagging Wall at 273mm dia. Pipe Pile (2nd half)	14	24-Mar-14	04-Apr-14	0%	
BA1.1426-2	Bridge A1 - Stage 1 Lagging Wall at 610mm dia. H- Pile (2nd Half)	14	02-Apr-14	15-Apr-14	0%	
BA1.1427	Bridge A1 - Stage 1 ELS - Temp. support for CLP cable	8	02-Apr-14	09-Apr-14	0%	
BA1.1430-1	Bridge A1 - Stage 1 ELS - Excavation to Formation-Stage1	14	16-Apr-14	02-May-14	0%	
BA1.1430-2	Bridge A1 - Stage 1 ELS - Excavation to Formation-Stage2	14	03-May-14	16-May-14	0%	
BA1.1430-3	Bridge A1 - Stage 1 ELS - Excavation to Formation-Stage3	14	17-May-14	29-May-14	0%	
Utility Culvert No.1						
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]						
UC1.1080-1	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 16m)	10	25-Oct-13 A	15-Mar-14	34%	Behind Programme
UC1.1080-2	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 32m)	10	04-Jan-14 A	19-Mar-14	13%	Behind Programme
UC1.1080-3	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 48m)	10	20-Mar-14	28-Mar-14	0%	
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	14	24-Mar-14	04-Apr-14	0%	
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	15	07-Apr-14	23-Apr-14	0%	
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	11	24-Apr-14	05-May-14	0%	
UC1.1110	Utility Culvert No. 1 Extension Complete	0		05-May-14	0%	



APPENDIX C

Calibration Certificates

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

Certificate of Calibration
校正證書

Certificate No. : C133030
證書編號

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

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

TEST CONDITIONS / 測試條件

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

TEST SPECIFICATIONS / 測試規範

Calibration

DATE OF TEST / 測試日期 : 21 May 2013

TEST RESULTS / 測試結果

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

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

Tested By 測試 : K C Lee

Certified By 核證 : K M Wu

Date of Issue 簽發日期 : 23 May 2013

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

Certificate of Calibration
校正證書

Certificate No. : C133030
證書編號

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

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

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C123541
CL281	Multifunction Acoustic Calibrator	DC110233
TST150A	Measuring Amplifier	C120886

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

5.1.1 Before Adjustment

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

5.1.2 After Adjustment

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

5.2 Frequency Accuracy

5.2.1 Before Adjustment

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

5.2.2 After Adjustment

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

Certificate of Calibration
校正證書

Certificate No. : C133030
證書編號

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

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

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
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輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

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

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

TEST CONDITIONS / 測試條件

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

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 26 August 2013

TEST RESULTS / 測試結果

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

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

Tested By 測試 : K C Lee

Certified By 核證 : K M Wu

Date of Issue 簽發日期 : 28 August 2013

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
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Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

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

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

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

4. Test equipment :

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

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

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

6.1.1.2 After Self-calibration

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

6.1.2 Linearity

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

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

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Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

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

6.2.2 Tone Burst Signal (2 kHz)

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

6.3 Frequency Weighting

6.3.1 A-Weighting

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

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

6.3.2 C-Weighting

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

6.4 Time Averaging

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

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

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

- Uncertainties of Applied Value :

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

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

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

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ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**17/02/2014**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**12 Mar 2013**
Slope (m)	**:**	**2.05818**
Intercept (b)	**:**	**0.01929**
Correlation Coefficient(r)	**:**	**0.99991**

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	10.8	3.330	1.608	62	62.82
2	13 holes	8.6	2.971	1.434	55	55.73
3	10 holes	6.6	2.603	1.255	48	48.63
4	7 holes	4.6	2.173	1.046	39	39.52
5	5 holes	2.8	1.695	0.814	28	28.37

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

Sampler Calibration Relationship

Slope(m):43.182 Intercept(b): -6.177 Correlation Coefficient(r): 0.9991

Checked by: Magnum Fan **Date: 22/02/2014**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**17/01/2014**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**12 Mar 2013**
Slope (m)	**:**	**2.05818**
Intercept (b)	**:**	**0.01929**
Correlation Coefficient(r)	**:**	**0.99991**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1026**
Ta(K)	**:**	**281**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.9	3.422	1.653	60	62.18
2	13 holes	8.6	3.039	1.467	52	53.89
3	10 holes	6.7	2.683	1.294	46	47.67
4	7 holes	4.6	2.223	1.071	38	39.38
5	5 holes	2.8	1.734	0.833	28	29.02

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

Sampler Calibration Relationship

Slope(m):39.720 Intercept(b): -3.762 Correlation Coefficient(r): 0.9992

Checked by: Magnum Fan **Date: 22/01/2014**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**12/03/2014**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2421**
Service Date	**:**	**27 Jan 2014**
Slope (m)	**:**	**2.06238**
Intercept (b)	**:**	**-0.02415**
Correlation Coefficient(r)	**:**	**0.99994**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1014**
Ta(K)	**:**	**291**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.6	3.296	1.610	60	60.75
2	13 holes	8.6	2.969	1.451	54	54.67
3	10 holes	6.4	2.561	1.254	46	46.57
4	7 holes	4.3	2.099	1.030	36	36.45
5	5 holes	2.4	1.568	0.772	26	26.32

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

Sampler Calibration Relationship

Slope(m):41.548 Intercept(b): -5.876 Correlation Coefficient(r): 0.9997

Checked by: Magnum Fan Date: 19/03/2014

TISCH ENVIROMENTAL, INC.
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513.467.9009 FAX
WWW.TISCH-ENV.COM

AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Mar 12, 2013 Rootsmeter S/N 0438320 Ta (K) - 293
Operator Tisch Orifice I.D. - 2454 Pa (mm) - 748.03

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	1.4750	3.2	2.00
2	NA	NA	1.00	1.0290	6.4	4.00
3	NA	NA	1.00	0.9170	8.0	5.00
4	NA	NA	1.00	0.8740	8.9	5.50
5	NA	NA	1.00	0.7220	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
0.9967	0.6757	1.4150		0.9957	0.6750	0.8851
0.9925	0.9645	2.0010		0.9915	0.9635	1.2517
0.9902	1.0799	2.2372		0.9892	1.0788	1.3995
0.9891	1.1317	2.3464		0.9881	1.1305	1.4678
0.9839	1.3627	2.8299		0.9828	1.3613	1.7702
Qstd slope (m) =		2.05818		Qa slope (m) =		1.28880
intercept (b) =		0.01929		intercept (b) =		0.01207
coefficient (r) =		0.99991		coefficient (r) =		0.99991
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}

TISCH Environmental

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 - Jan 27, 2014 Rootsmeter S/N 0438320 Ta (K) - 293
Operator Tisch Orifice I.D. - 2421 Pa (mm) - 754.38

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	1.4360	3.2	2.00
2	NA	NA	1.00	1.0120	6.4	4.00
3	NA	NA	1.00	0.9090	7.9	5.00
4	NA	NA	1.00	0.8650	8.8	5.50
5	NA	NA	1.00	0.7140	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)
1.0052	0.7000	1.4209
1.0010	0.9891	2.0095
0.9989	1.0989	2.2467
0.9977	1.1535	2.3564
0.9925	1.3901	2.8419

Qstd slope (m) = 2.06238
intercept (b) = -0.02415
coefficient (r) = 0.99994

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

Va	(x axis) Qa	(y axis)
0.9957	0.6934	0.8814
0.9915	0.9798	1.2464
0.9894	1.0885	1.3936
0.9883	1.1426	1.4616
0.9831	1.3769	1.7627

Qa slope (m) = 1.29142
intercept (b) = -0.01498
coefficient (r) = 0.99994

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

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

EQUIPMENT CALIBRATION RECORD

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

Operator:

Standard Equipment

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

Last Calibration Date N/A

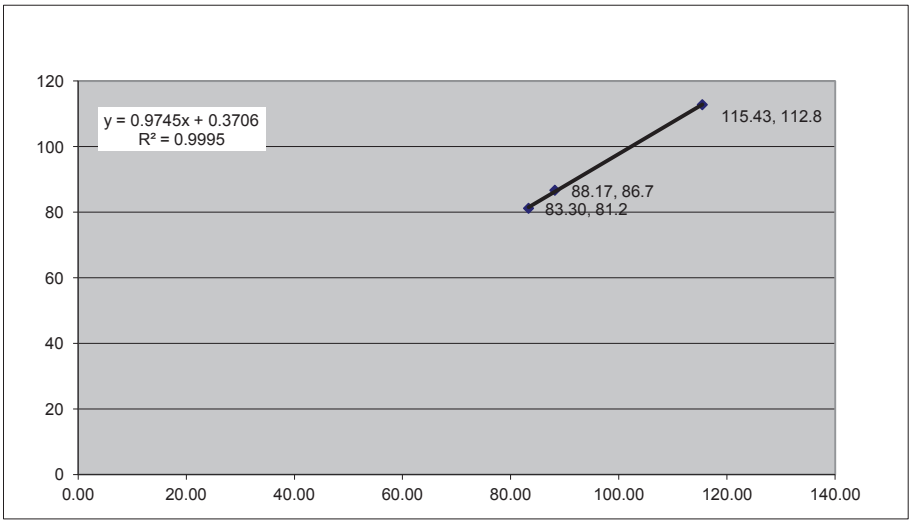
Calibration Result

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

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

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

Remark:



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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1404435
Date of Issue: 20/02/2014
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: Sonde Environmental Monitoring System
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 13 February, 2014 Date of next Calibration: 13 May, 2014

Parameters:

Conductivity

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	151.0	2.8
6667	6558	-1.6
12890	12670	-1.7
58670	58020	-1.1
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.40	3.42	0.02
5.50	5.54	0.04
7.65	7.60	-0.05
	Tolerance Limit (±mg/L)	0.20

pH Value

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

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.02	0.02
7.0	7.05	0.05
10.0	9.97	-0.03
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.03	--
10	9.88	-1.2
20	19.62	-1.9
30	29.50	-1.7
	Tolerance Limit (±%)	10.0

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1404435
Date of Issue: 20/02/2014
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: Sonde Environmental Monitoring System
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 13 February, 2014 Date of next Calibration: 13 May, 2014

Parameters:

Temperature

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

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
14.0	13.92	-0.1
26.0	25.91	-0.1
38.5	38.40	-0.1
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	3.9	-2.5
10	9.7	-3.0
20	19.6	-2.0
50	49.3	-1.4
100	99.2	-0.8
	Tolerance Limit (±%)	10.0

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1400792
Date of Issue: 10/01/2014
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 09 January, 2014 Date of next Calibration: 09 April, 2014

Parameters:

Conductivity

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	150.5	2.5
6667	6580	-1.3
12890	12650	-1.9
58670	58580	-0.2
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.80	3.78	-0.02
5.85	5.80	-0.05
7.65	7.61	-0.04
	Tolerance Limit (±mg/L)	0.20

pH Value

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

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.08	0.08
7.0	7.05	0.05
10.0	9.97	-0.03
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0	--
10	9.89	-1.1
20	19.77	-1.2
30	29.50	-1.7
	Tolerance Limit (±%)	10.0

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1400792
Date of Issue: 10/01/2014
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 09 January, 2014 Date of next Calibration: 09 April, 2014

Parameters:

Temperature

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

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
12.5	12.48	0.0
25.0	24.86	-0.1
36.0	35.85	-0.1
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0	--
4	4.1	2.5
10	10.4	4.0
20	20.3	1.5
50	49.3	-1.4
100	100.5	0.5
	Tolerance Limit (±%)	10.0

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

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

APPENDIX D

Monitoring Schedule

Mar-14

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

Remark:

(1) Due to windy condition, the dolphins monitoring was resheduled on 11, 17 and 25 March 2014.

(2) The mudflat monitoring was rescheduled from 19 March 2014 to 20 March 2014 as the weather forecast indicated that the weather would be better on 20 March 2014 when compared to those of 19 March 2014.

Apr-14

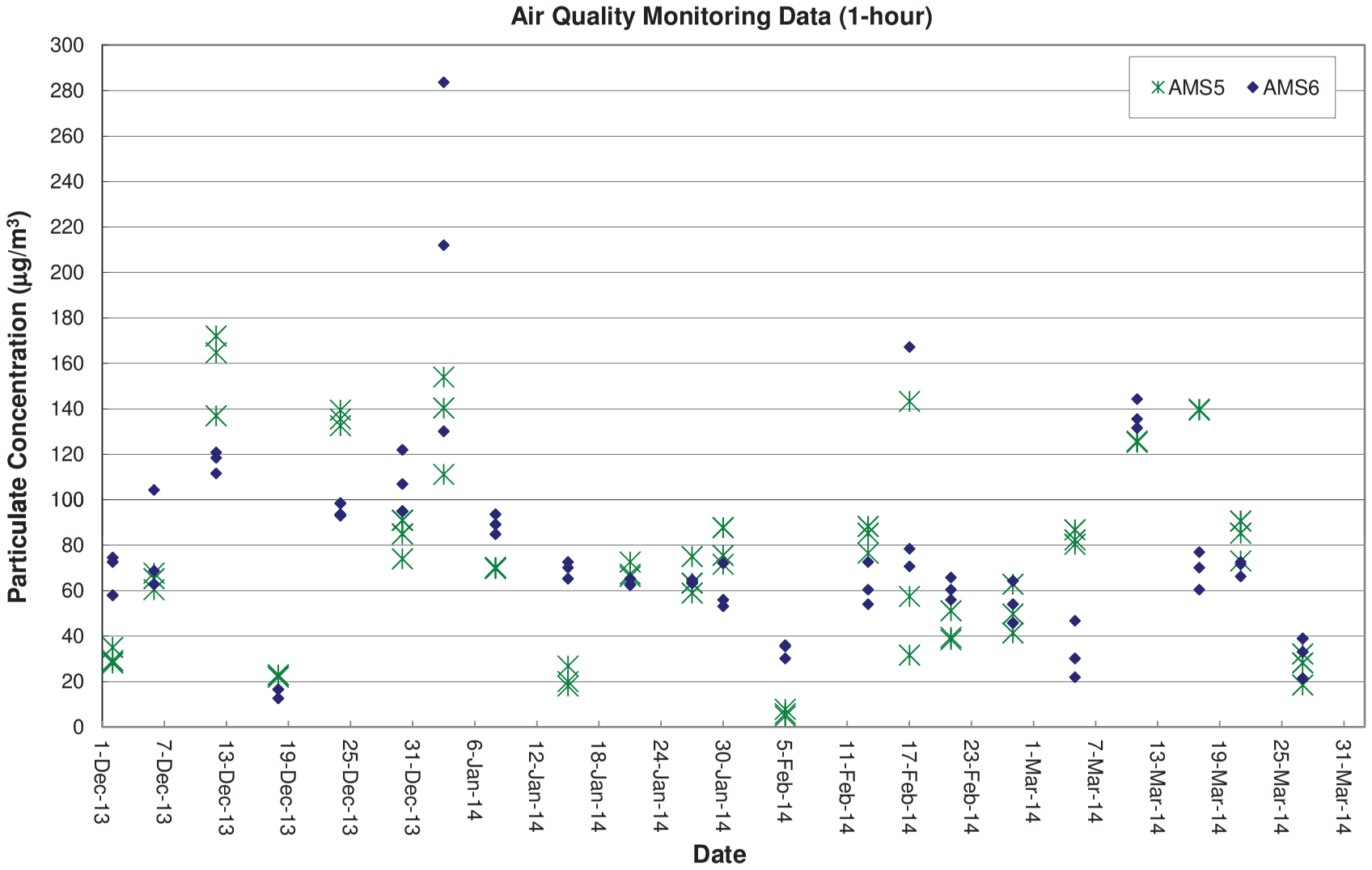
	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time		1-Apr	2-Apr	3-Apr	4-Apr	5-Apr	6-Apr
		AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		1st Dolphin Monitoring Water Quality Monitoring		
Time	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr	13-Apr
	AMS6/AMS5 - 24hr Dust Water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

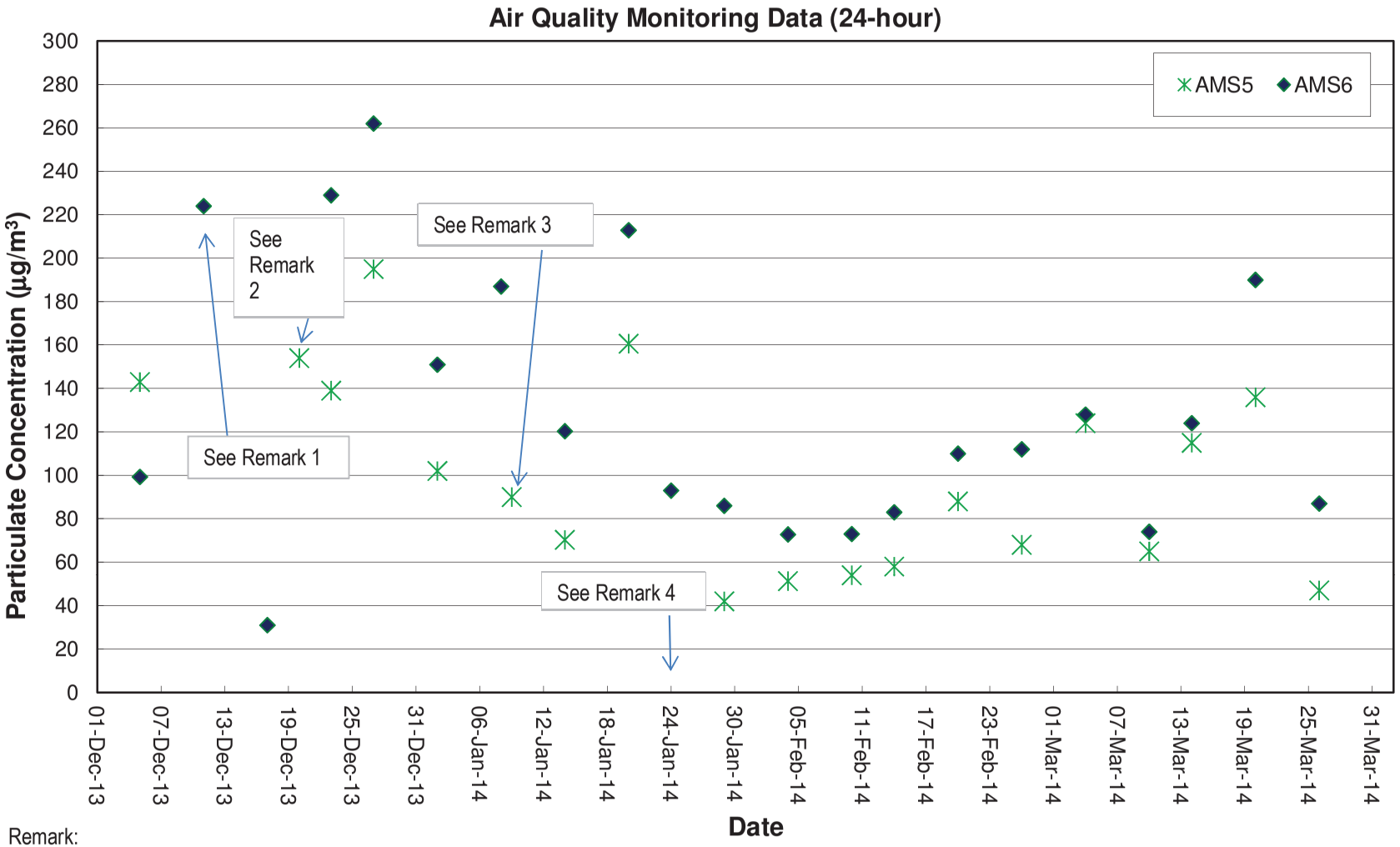
APPENDIX E

Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2014-03-05	AMS5	13:44	1-hr TSP	80	ug/m^3
HKLR	HY/2011/03	2014-03-05	AMS5	14:44	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2014-03-05	AMS5	15:44	1-hr TSP	82	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS5	9:32	1-hr TSP	126	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS5	10:32	1-hr TSP	126	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS5	11:32	1-hr TSP	125	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS5	9:31	1-hr TSP	275	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS5	10:31	1-hr TSP	139	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS5	11:31	1-hr TSP	140	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS5	13:22	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS5	14:22	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS5	15:22	1-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS5	13:05	1-hr TSP	19	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS5	14:05	1-hr TSP	28	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS5	15:05	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2014-03-04	AMS5	8:00	24-hr TSP	124	ug/m^3
HKLR	HY/2011/03	2014-03-10	AMS5	8:00	24-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2014-03-14	AMS5	8:00	24-hr TSP	115	ug/m^3
HKLR	HY/2011/03	2014-03-20	AMS5	8:00	24-hr TSP	136	ug/m^3
HKLR	HY/2011/03	2014-03-26	AMS5	8:00	24-hr TSP	47	ug/m^3
HKLR	HY/2011/03	2014-03-05	AMS6	8:14	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2014-03-05	AMS6	9:14	1-hr TSP	30	ug/m^3
HKLR	HY/2011/03	2014-03-05	AMS6	10:14	1-hr TSP	47	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS6	13:31	1-hr TSP	136	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS6	14:31	1-hr TSP	144	ug/m^3
HKLR	HY/2011/03	2014-03-11	AMS6	15:31	1-hr TSP	132	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS6	13:21	1-hr TSP	77	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS6	14:21	1-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-03-17	AMS6	15:21	1-hr TSP	60	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS6	9:33	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS6	10:33	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-03-21	AMS6	11:33	1-hr TSP	72	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS6	9:00	1-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS6	10:00	1-hr TSP	33	ug/m^3
HKLR	HY/2011/03	2014-03-27	AMS6	11:00	1-hr TSP	21	ug/m^3
HKLR	HY/2011/03	2014-03-04	AMS6	8:00	24-hr TSP	128	ug/m^3
HKLR	HY/2011/03	2014-03-10	AMS6	8:00	24-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2014-03-14	AMS6	8:00	24-hr TSP	124	ug/m^3
HKLR	HY/2011/03	2014-03-20	AMS6	8:00	24-hr TSP	190	ug/m^3
HKLR	HY/2011/03	2014-03-26	AMS6	8:00	24-hr TSP	87	ug/m^3

Graphical Plot of 1-hour TSP at AMS5 and AMS6





Remark:

1) Due to interruption of electricity supply during sampling period , the 24hr- dust monitoring result on 11 Dec 2013 at AMS5 was considered invalid.

2) The HVS at AMS5 was found out of function since 11 Dec 2013. It resumed normal on 20 Dec 2013.Therefore, the 24hr- dust monitoring was rescheduled from 17 Dec 2013 to 20 Dec 2013.

3)Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr-dust monitoring result on 8 Jan 2014 was considered invalid. 24 hrs dust monitoring was rescheduled on 9 Jan 2014.

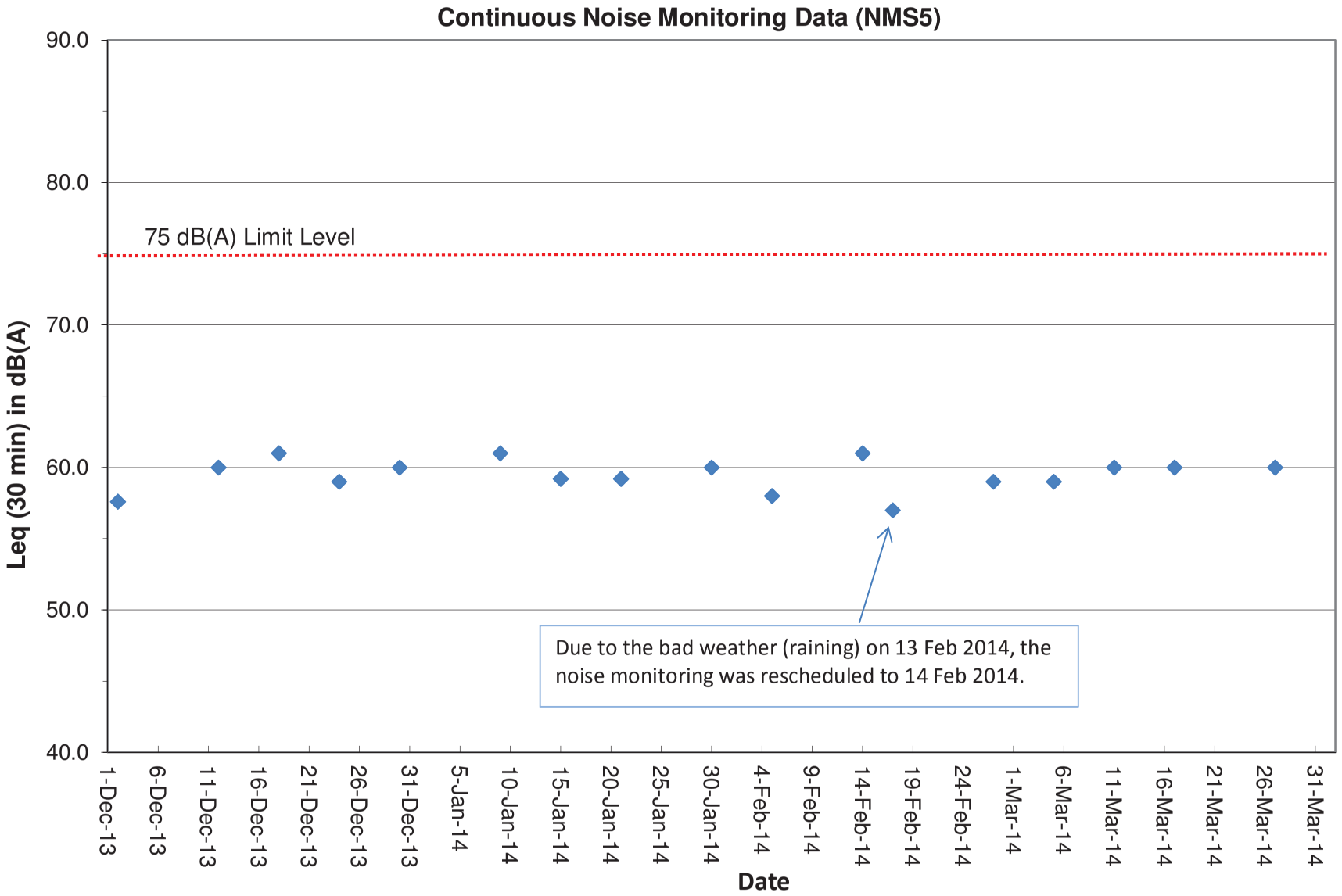
4) Due to malfunction of high volume sampler on 24 Jan 2014, the 24 hrs dust monitoring was cancelled on 24 Jan 2014. After repairing the HVS, it resumed normal on 29 Jan 2014.

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	2014-03-05	NMS5	14:04	<5	Leq:	55.9	Leq:	53.4	Leq:	55.0	Leq:	56.7	Leq:	57.4	Leq:	56.6	Leq:	59.0	dB(A)
						L10:	59.5	L10:	56.5	L10:	58.5	L10:	60.5	L10:	60.5	L10:	60.5	L10:	62.6	
						L90:	49.5	L90:	49.5	L90:	48.5	L90:	49.0	L90:	50.5	L90:	48.5	L90:	52.3	
HKLR	HY/2011/03	2014-03-11	NMS5	10:05	<5	Leq:	58.7	Leq:	56.7	Leq:	54.5	Leq:	55.7	Leq:	58.4	Leq:	55.6	Leq:	59.9	dB(A)
						L10:	63.0	L10:	60.5	L10:	58.0	L10:	59.0	L10:	62.5	L10:	60.0	L10:	63.9	
						L90:	50.5	L90:	50.0	L90:	49.0	L90:	51.0	L90:	49.5	L90:	48.5	L90:	52.8	
HKLR	HY/2011/03	2014-03-17	NMS5	10:00	<5	Leq:	56.0	Leq:	58.2	Leq:	55.8	Leq:	57.2	Leq:	56.3	Leq:	56.3	Leq:	59.7	dB(A)
						L10:	58.5	L10:	61.0	L10:	60.0	L10:	61.0	L10:	60.0	L10:	59.0	L10:	63.0	
						L90:	52.5	L90:	52.0	L90:	49.0	L90:	51.5	L90:	50.5	L90:	51.5	L90:	54.3	
HKLR	HY/2011/03	2014-03-27	NMS5	14:18	<5	Leq:	57.9	Leq:	56.9	Leq:	57.0	Leq:	57.0	Leq:	58.1	Leq:	54.1	Leq:	60.0	dB(A)
						L10:	60.0	L10:	59.0	L10:	58.5	L10:	59.0	L10:	59.5	L10:	57.5	L10:	62.0	
						L90:	54.0	L90:	53.5	L90:	54.5	L90:	54.0	L90:	53.0	L90:	51.5	L90:	56.5	

Remark:

* Noise data result with free field measure correction, +3dB(A)

Graphical Plot of Noise Levels at NMS5



Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:06:23	1.0	Surface	1	1	17.9	8.34	31.44	101.4	7.97	3.5	6.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:07:39	1.0	Surface	1	2	17.9	8.34	31.43	101.4	7.97	3.4	5.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:07:30	5.6	Middle	2	1	17.9	8.34	31.46	101.1	7.94	3.5	7.1
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:06:12	5.6	Middle	2	2	17.89	8.34	31.48	101	7.94	3.6	8.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:06:00	10.2	Bottom	3	1	17.89	8.34	31.68	101	7.92	3.9	7.6
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS5	14:07:14	10.2	Bottom	3	2	17.88	8.34	31.74	100.9	7.91	4	7.2
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)6	13:53:22	1.0	Surface	1	1	17.9	8.34	31.47	101.6	7.98	3.4	5.2
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)6	13:53:43	1.0	Surface	1	2	17.9	8.34	31.47	101.6	7.98	3.3	5.6
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)6	13:53:16	4.5	Bottom	3	1	17.9	8.34	31.47	101.6	7.98	3.5	5.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)6	13:53:27	4.5	Bottom	3	2	17.9	8.34	31.48	101.6	7.98	3.7	4.5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS7	13:01:39	1.0	Surface	1	1	17.89	8.35	31.63	100.9	7.92	3.7	5.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS7	13:02:24	1.0	Surface	1	2	17.9	8.35	31.52	101	7.93	3.6	6.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS7	13:02:17	4.1	Bottom	3	1	17.88	8.34	31.68	100.5	7.89	3.8	5.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS7	13:01:33	4.1	Bottom	3	2	17.88	8.34	31.75	100.5	7.89	3.8	6.2
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS8	13:01:20	1.0	Surface	1	1	17.86	8.34	31.88	100.2	7.86	4.2	5.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS8	13:02:06	1.0	Surface	1	2	17.85	8.33	31.81	100.3	7.87	4	6.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS8	8:15:44	1.1	Bottom	3	1	17.92	8.29	31.94	99.4	7.78	5.4	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS8	8:15:10	1.1	Bottom	3	2	17.92	8.29	31.94	99.4	7.79	5.3	6.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)9	8:15:37	1.0	Surface	1	1	17.92	8.29	31.95	99.3	7.77	5.5	4.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)9	8:15:02	1.0	Surface	1	2	17.92	8.29	31.95	99.3	7.78	5.4	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)9	8:14:50	10.7	Bottom	3	1	17.92	8.29	31.96	99.3	7.77	5.5	5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS(Mf)9	8:15:20	10.7	Bottom	3	2	17.92	8.29	31.97	99.2	7.77	5.6	4.9
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	8:27:04	1.0	Surface	1	1	17.91	8.29	31.93	99.4	7.79	4.7	5.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	8:27:27	1.0	Surface	1	2	17.91	8.29	31.94	99.5	7.79	4.8	4.2
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	8:26:58	1.0	Middle	2	1	17.91	8.29	31.93	99.4	7.79	5.3	3.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	8:27:13	1.0	Middle	2	2	17.91	8.29	31.94	99.5	7.79	5.2	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	9:14:00	1.0	Bottom	3	1	17.85	8.3	32.07	99.1	7.77	13.2	4.9
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	IS10	9:13:29	1.0	Bottom	3	2	17.85	8.3	32.07	99	7.76	13.5	6.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR3	9:13:24	4.2	Middle	2	1	17.86	8.3	32.08	98.9	7.75	13.9	7.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR3	9:13:52	4.2	Middle	2	2	17.85	8.3	32.08	99	7.76	13.7	7.5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR4	9:13:15	1.0	Surface	1	1	17.86	8.3	32.09	98.8	7.74	14.2	2.5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR4	9:13:43	1.0	Surface	1	2	17.86	8.3	32.08	98.9	7.75	14	3.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR4	13:32:35	1.1	Bottom	3	1	18.06	7.99	31.92	98.7	7.71	7.2	3.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR4	13:31:59	1.1	Bottom	3	2	18.06	7.99	31.94	98.6	7.7	7.2	2.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR5	13:32:24	1.0	Surface	1	1	18.05	7.99	31.93	98.2	7.67	7.2	5.1
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR5	13:31:50	1.0	Surface	1	2	18.06	7.99	31.95	98.5	7.7	7.3	4.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR5	13:32:16	7.8	Bottom	3	1	18.05	7.99	31.93	98.2	7.67	7.4	4.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR5	13:31:33	7.8	Bottom	3	2	18.06	7.98	31.95	98.6	7.7	7.4	4.6
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:37:59	1.0	Surface	1	1	18.12	8	31.84	102.7	8.02	4.3	1.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:37:30	1.0	Surface	1	2	18.11	8.01	31.84	102.5	8.01	4.4	1.9
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:37:53	1.0	Middle	2	1	18.13	7.99	31.84	102.6	8.01	4.5	2.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:37:21	1.0	Middle	2	2	18.11	8	31.84	102.5	8	4.4	2.5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:43:58	1.0	Bottom	3	1	18.05	8.02	31.7	103.5	8.1	4.9	2.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10A	13:44:11	1.0	Bottom	3	2	18.06	8.02	31.71	103.3	8.08	5	2.9
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10B	13:44:05	1.0	Surface	1	1	18.06	8.02	31.71	103.3	8.08	5.1	1
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10B	13:43:47	1.0	Surface	1	2	18.05	8.01	31.7	103.4	8.09	5.2	1.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10B	14:09:32	1.1	Bottom	3	1	17.79	8.03	31.49	104.6	8.23	4.8	1.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	SR10B	14:09:51	1.1	Bottom	3	2	17.79	8.03	31.49	104.8	8.25	4.7	1.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	14:09:40	1.0	Surface	1	1	17.79	8.03	31.49	104.7	8.24	4.8	4.1
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	14:09:23	1.0	Surface	1	2	17.79	8.02	31.49	104.3	8.21	4.6	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	13:50:32	1.9	Middle	2	1	18.02	8.03	31.58	104.6	8.19	3.8	4.8
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	13:50:06	1.9	Middle	2	2	18.02	8.03	31.58	104.4	8.17	3.7	3.4
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	13:50:16	2.8	Bottom	3	1	18.02	8.03	31.58	104.4	8.18	3.8	4.5
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS2	13:49:58	2.8	Bottom	3	2	18.02	8.02	31.59	104.3	8.17	3.9	3.9
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	13:21:33	1.0	Surface	1	1	18.08	7.95	32	100.1	7.81	6.2	2.1
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	13:21:26	1.0	Surface	1	2	18.08	7.94	32.01	100.1	7.81	6.2	2.2
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	14:01:34	1.9	Middle	2	1	17.8	8.01	31.43	101.6	8	3.7	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	14:01:58	1.9	Middle	2	2	17.8	7.99	31.43	101.6	8	3.8	2.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	14:01:49	2.7	Bottom	3	1	17.8	7.98	31.43	101.6	8	3.8	3.3
HKLR	HY/2011/03	2014-03-03	Mid-Ebb	Cloudy	CS(Mf)5	14:01:22	2.7	Bottom	3	2	17.8	8	31.43	101.5	7.99	3.8	3
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:18:08	1.0	Surface	1	1	17.7	7.99	32.31	96.9	7.6	2.1	2.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:17:42	1.0	Surface	1	2	17.7	7.99	32.32	96.6	7.58	2.1	2.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:17:36	3.2	Middle	2	1	17.7	7.99	32.32	96.4	7.56	2.1	2.9
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:17:58	3.2	Middle	2	2	17.7	7.99	32.32	96.7	7.59	2.1	3.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:17:27	5.4	Bottom	3	1	17.7	7.98	32.36	96.3	7.55	2.1	4.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS5	15:17:49	5.4	Bottom	3	2	17.7	7.99	32.32	96.7	7.59	2.2	3.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)6	15:26:39	1.0	Surface	1	1	17.69	7.99	32.37	96.3	7.55	2.3	7.9
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)6	15:26:22	1.0	Surface	1	2	17.7	7.99	32.34	96.4	7.57	2.1	7.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)6	15:26:08	4.1	Bottom	3	1	17.7	7.99	32.36	96.6	7.58	2.3	8.3
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)6	15:26:30	4.1	Bottom	3	2	17.69	7.99	32.36	96.4	7.56	2.2	6.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS7	14:44:15	1.0	Surface	1	1	17.79	8.02	31.68	98.4	7.74	3.2	10.8
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS7	14:43:28	1.0	Surface	1	2	17.8	8.02	31.65	99.4	7.81	3.3	10.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS7	14:43:09	6.1	Bottom	3	1	17.73	7.99	32.03	97	7.62	3.1	12.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS7	14:44:03	6.1	Bottom	3	2	17.75	7.99	31.94	97.2	7.64	3.3	11.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS8	14:43:47	1.0	Surface	1	1	17.69	7.97	32.27	98.6	7.74	3.2	6.8
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS8	14:42:55	1.0	Surface	1	2	17.71	7.99	32.18	98.1	7.7	3.4	5.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS8	9:07:45	1.2	Bottom	3	1	17.97	7.98	31.8	98.7	7.73	4.6	6.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS8	9:08:20	1.2	Bottom	3	2	17.99	7.98	31.8	98.2	7.69	4.7	8.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)9	9:08:11	1.0	Surface	1	1	18	7.97	31.82	98.1	7.68	4.7	6.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)9	9:07:33	1.0	Surface	1	2	17.97	7.97	31.8	98.5	7.71	4.7	5.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)9	9:07:25	7.7	Bottom	3	1	17.97	7.97	31.81	98.4	7.71	4.7	5.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS(Mf)9	9:07:56	7.7	Bottom	3	2	17.99	7.98	31.82	98.4	7.7	4.8	5.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	9:00:20	1.0	Surface	1	1	18.06	7.97	31.79	100	7.81	7.7	6.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	9:00:06	1.0	Surface	1	2	18.06	7.96	31.79	100	7.82	7.8	5.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	9:00:00	1.1	Middle	2	1	18.06	7.95	31.79	100	7.82	7.7	5.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	9:00:13	1.1	Middle	2	2	18.06	7.96	31.79	99.9	7.81	7.8	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	8:53:01	1.1	Bottom	3	1	18.06	7.94	31.72	99.8	7.81	8.4	5.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	IS10	8:53:17	1.1	Bottom	3	2	18.06	7.95	31.72	99.6	7.78	8.3	5.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR3	8:53:07	2.2	Middle	2	1	18.06	7.95	31.72	99.6	7.79	8.3	4.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR3	8:52:52	2.2	Middle	2	2	18.06	7.94	31.72	100	7.82	8.3	4.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR4	8:29:32	1.0	Surface	1	1	17.81	7.81	31.44	100.2	7.89	5.4	4.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR4	8:29:49	1.0	Surface	1	2	17.8	7.81	31.44	100.1	7.88	5.5	4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR4	8:29:39	3.0	Bottom	3	1	17.8	7.81	31.44	100.1	7.88	5.4	4.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR4	8:29:22	3.0	Bottom	3	2	17.81	7.81	31.44	100.1	7.88	5.5	4.9
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR5	8:46:41	1.0	Surface	1	1	17.98	7.94	31.47	100.3	7.87	4.8	5.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR5	8:47:13	1.0	Surface	1	2	17.98	7.94	31.47	100.3	7.86	4.7	5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR5	8:46:32	2.9	Bottom	3	1	17.98	7.93	31.47	100.3	7.87	4.8	5.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR5	8:47:03	2.9	Bottom	3	2	17.99	7.93	31.47	100.2	7.86	4.7	4.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	9:16:11	1.0	Surface	1	1	17.98	7.98	31.8	98.9	7.74	5.4	3.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	9:16:17	1.0	Surface	1	2	17.99	7.98	31.8	98.8	7.74	5.6	5.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	8:35:29	1.9	Middle	2	1	17.8	7.84	31.4	99.1	7.8	4.3	4.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	8:35:44	1.9	Middle	2	2	17.8	7.85	31.39	98.9	7.79	4.2	4.7
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	8:35:36	2.7	Bottom	3	1	17.8	7.85	31.4	99	7.79	4.3	4.6
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10A	8:35:23	2.7	Bottom	3	2	17.79	7.83	31.39	99.2	7.81	4.3	5.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10B	7:32:04	1.0	Surface	1	1	17.71	7.89	32.07	95.9	7.53	3.3	7.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10B	7:31:39	1.0	Surface	1	2	17.71	7.88	32.06	95.7	7.52	3.4	7.3
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10B	7:31:56	3.3	Bottom	3	1	17.71	7.88	32.08	95.7	7.51	3.4	7.1
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	SR10B	7:31:30	3.3	Bottom	3	2	17.71	7.87	32.07	95.6	7.51	3.3	7.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:31:22	1.0	Surface	1	1	17.71	7.87	32.07	95.6	7.51	3.4	11.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:31:47	1.0	Surface	1	2	17.71	7.88	32.08	95.6	7.51	3.4	10.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:25:38	2.7	Middle	2	1	17.66	7.79	32.38	94.5	7.41	4.8	10.9
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:25:59	2.7	Middle	2	2	17.66	7.79	32.38	94.3	7.4	4.8	11.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:25:50	4.3	Bottom	3	1	17.66	7.79	32.38	94.2	7.4	4.9	11.8
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS2	7:25:28	4.3	Bottom	3	2	17.66	7.79	32.38	94.4	7.41	4.7	11.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	7:59:01	1.0	Surface	1	1	17.83	7.86	31.52	99.2	7.8	3.5	3.5
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	8:00:01	1.0	Surface	1	2	17.83	7.85	31.52	99.6	7.83	3.3	2.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	7:58:48	6.4	Middle	2	1	17.84	7.86	31.65	98.6	7.75	5.5	3.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	7:59:37	6.4	Middle	2	2	17.83	7.85	31.6	98.5	7.74	5.6	3.4
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	7:58:35	11.7	Bottom	3	1	17.82	7.86	31.72	98.8	7.76	7.3	4.2
HKLR	HY/2011/03	2014-03-03	Mid-Flood	Cloudy	CS(Mf)5	7:59:28	11.7	Bottom	3	2	17.83	7.84	31.71	98.4	7.73	7.1	5.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:33:01	1.0	Surface	1	1	17.88	8.02	31.85	93.4	7.32	8.1	9.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:32:31	1.0	Surface	1	2	17.88	8.02	31.86	93.4	7.32	8.1	9.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:32:21	4.3	Middle	2	1	17.88	8.01	31.86	93.1	7.3	8.5	9.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:32:47	4.3	Middle	2	2	17.88	8.02	31.85	93.1	7.3	8	7.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:32:39	7.6	Bottom	3	1	17.88	8.02	31.86	93.2	7.31	8	9.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS5	14:32:12	7.6	Bottom	3	2	17.88	8.01	31.87	93.2	7.3	8	8.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)6	14:41:06	1.0	Surface	1	1	17.82	7.99	31.91	93.7	7.35	8.3	7.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)6	14:41:20	1.0	Surface	1	2	17.82	8	31.9	93.3	7.32	8.6	7.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)6	14:41:00	2.2	Bottom	3	1	17.82	7.98	31.9	93.9	7.37	8	8.2
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)6	14:41:13	2.2	Bottom	3	2	17.82	7.99	31.9	93.5	7.34	8.5	9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS7	14:48:35	1.0	Surface	1	1	17.78	8.08	31.57	102.3	8.05	4.7	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS7	14:48:17	1.0	Surface	1	2	17.78	8.07	31.59	102	8.02	4.9	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS7	14:48:10	2.1	Bottom	3	1	17.78	8.07	31.59	101.8	8.01	5	3.2
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS7	14:48:23	2.1	Bottom	3	2	17.78	8.07	31.59	101.9	8.02	5.6	5.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS8	15:11:18	1.0	Surface	1	1	17.86	8.07	31.07	97.6	7.69	5	2.1
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS8	15:11:05	1.0	Surface	1	2	17.84	8.07	31.2	96.6	7.61	5.2	4.1
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS8	15:11:11	2.5	Bottom	3	1	17.86	8.07	31.1	97.1	7.65	5.8	2.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS8	15:10:58	2.5	Bottom	3	2	17.82	8.06	31.62	96.8	7.61	6	2.6
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)9	14:54:18	1.0	Surface	1	1	17.8	8.07	31.59	96.5	7.59	5.2	2.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)9	14:54:34	1.0	Surface	1	2	17.8	8.07	31.65	97	7.62	5.5	3.1
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)9	14:54:29	2.3	Bottom	3	1	17.8	8.07	31.78	97.4	7.65	6	2.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS(Mf)9	14:54:09	2.3	Bottom	3	2	17.8	8.06	31.85	96.4	7.57	6.5	5.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:28:59	1.0	Surface	1	1	17.91	8.23	31.18	93.7	7.37	4.3	4.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:29:57	1.0	Surface	1	2	17.91	8.23	31.16	94.1	7.4	4.2	3.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:30:14	5.2	Middle	2	1	17.87	8.22	31.48	93.9	7.38	4.8	4.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:29:16	5.2	Middle	2	2	17.87	8.22	31.46	93.9	7.38	4.7	3.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:30:28	9.4	Bottom	3	1	17.86	8.22	31.53	93	7.31	5.7	4.2
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	IS10	15:29:28	9.4	Bottom	3	2	17.86	8.22	31.53	93	7.31	5.7	5.6
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR3	14:18:21	0.8	Middle	2	1	17.88	7.96	31.9	95.1	7.46	7.7	10.2
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR3	14:18:14	0.8	Middle	2	2	17.88	7.95	31.91	95.7	7.5	8	8.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR4	15:05:11	1.0	Surface	1	1	17.8	8.04	31.24	93.7	7.39	4.6	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR4	15:04:59	1.0	Surface	1	2	17.8	8.04	31.24	93.9	7.4	4.8	5.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR4	15:04:53	2.5	Bottom	3	1	17.8	8.04	31.24	94	7.41	5	3.6
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR4	15:05:05	2.5	Bottom	3	2	17.8	8.04	31.23	93.8	7.39	4.6	4.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR5	15:17:51	1.0	Surface	1	1	17.9	8.21	31.23	93.6	7.36	3.8	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR5	15:18:22	1.0	Surface	1	2	17.91	8.21	31.16	94.4	7.43	3.7	4.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR5	15:18:39	3.8	Bottom	3	1	17.88	8.21	31.42	94.4	7.42	4.1	3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR5	15:18:04	3.8	Bottom	3	2	17.89	8.21	31.35	94.1	7.4	4	3.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:10:21	1.0	Surface	1	1	17.78	8.05	32.01	93	7.3	2.7	2.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:09:47	1.0	Surface	1	2	17.76	8.04	32.15	92.6	7.26	2.7	2.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:10:10	3.3	Middle	2	1	17.76	8.05	32.15	92.6	7.26	2.7	2.7
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:09:32	3.3	Middle	2	2	17.74	8.03	32.31	92.6	7.26	2.7	2.2
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:10:01	5.5	Bottom	3	1	17.76	8.04	32.16	92.6	7.26	2.7	4.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10A	16:09:23	5.5	Bottom	3	2	17.74	8.03	32.31	93.1	7.3	2.7	2.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10B	16:25:43	1.0	Surface	1	1	17.75	8.05	32.2	92.3	7.24	2.6	2.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10B	16:25:19	1.0	Surface	1	2	17.74	8.05	32.24	92.4	7.25	2.6	2.6
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10B	16:25:09	4.4	Bottom	3	1	17.74	8.05	32.27	92.5	7.26	2.6	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	SR10B	16:25:33	4.4	Bottom	3	2	17.75	8.05	32.22	92.1	7.23	2.6	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:03:37	1.0	Surface	1	1	17.93	8.2	31.52	94.9	7.45	4.4	6.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:04:29	1.0	Surface	1	2	17.93	8.21	31.52	95.2	7.47	4.2	5.1
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:04:41	5.3	Middle	2	1	17.92	8.21	31.8	95.3	7.47	5.8	5.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:03:53	5.3	Middle	2	2	17.92	8.2	31.76	95.2	7.46	5.7	7.1
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:04:05	9.5	Bottom	3	1	17.91	8.21	31.95	94.4	7.4	12.8	5.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS2	14:05:10	9.5	Bottom	3	2	17.91	8.22	31.96	94.1	7.37	13	6.5
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:42:50	1.0	Surface	1	1	17.83	8.06	31.32	94.1	7.41	5.4	6.8
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:43:39	1.0	Surface	1	2	17.83	8.06	31.33	92.8	7.28	5.5	6.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:42:28	6.8	Middle	2	1	17.8	8.05	31.56	93.2	7.33	5.7	6.3
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:43:20	6.8	Middle	2	2	17.81	8.04	31.55	93	7.31	5.7	7.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:43:03	12.5	Bottom	3	1	17.8	8.04	31.59	93.9	7.39	5.9	5.9
HKLR	HY/2011/03	2014-03-05	Mid-Ebb	Cloudy	CS(Mf)5	15:42:13	12.5	Bottom	3	2	17.8	8.04	31.57	93.3	7.34	5.8	7.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:11:16	1.0	Surface	1	1	17.82	8.02	31.88	94.1	7.38	7.7	9.5
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:12:02	1.0	Surface	1	2	17.82	8.02	31.88	94	7.37	7.6	8.7
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:11:33	4.2	Middle	2	1	17.81	8.02	31.88	93.7	7.35	8	10.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:11:05	4.2	Middle	2	2	17.82	8.01	31.88	93.9	7.37	8.1	11.9
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:10:57	7.4	Bottom	3	1	17.82	8.01	31.88	94	7.37	8.2	12.2
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS5	10:11:26	7.4	Bottom	3	2	17.8	8.02	31.87	93.7	7.36	8.4	13.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)6	10:00:14	1.0	Surface	1	1	17.8	8.02	31.83	95.1	7.47	6	8.9
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)6	9:59:58	1.0	Surface	1	2	17.8	8.02	31.83	95.4	7.49	6.4	9
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)6	10:00:03	2.3	Bottom	3	1	17.8	8.02	31.84	95.3	7.48	6.5	6.9
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)6	9:59:52	2.3	Bottom	3	2	17.8	8.02	31.84	95.6	7.51	6.3	8.7
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS7	9:53:26	1.0	Surface	1	1	17.74	8.03	31.8	95.4	7.5	7.9	7.7
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS7	9:53:13	1.0	Surface	1	2	17.74	8.02	31.8	95.8	7.54	7.5	9.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS7	9:53:21	2.3	Bottom	3	1	17.74	8.02	31.8	95.6	7.52	8	10.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS7	9:53:07	2.3	Bottom	3	2	17.74	8.02	31.8	96	7.55	7.7	12
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS8	9:29:45	1.0	Surface	1	1	17.79	7.99	31	95.6	7.55	4	5.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS8	9:29:25	1.0	Surface	1	2	17.8	7.99	30.92	95.9	7.57	3.8	6.8
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS8	9:29:12	2.8	Bottom	3	1	17.79	7.99	31.07	96.1	7.58	4.1	5.5
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS8	9:29:35	2.8	Bottom	3	2	17.79	7.99	31.12	95.7	7.55	3.9	5.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)9	9:47:27	1.0	Surface	1	1	17.74	8.01	31.48	96.4	7.6	5.5	6.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)9	9:47:42	1.0	Surface	1	2	17.74	8.02	31.48	96.1	7.58	5.2	5.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)9	9:47:33	2.5	Bottom	3	1	17.74	8.01	31.5	96.2	7.58	5.2	6.2
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS(Mf)9	9:47:19	2.5	Bottom	3	2	17.74	8.01	31.53	96.6	7.61	5.1	5
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:34:56	1.0	Surface	1	1	17.83	8.2	31.36	93.6	7.37	9	8.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:33:48	1.0	Surface	1	2	17.82	8.2	31.37	93.7	7.38	9.1	9.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:35:11	5.5	Middle	2	1	17.83	8.2	31.33	93.4	7.35	8.7	9.2
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:34:04	5.5	Middle	2	2	17.83	8.2	31.32	93.5	7.36	8.7	9.4
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:35:27	9.9	Bottom	3	1	17.83	8.2	31.4	92.9	7.31	9.3	9.8
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	IS10	9:34:23	9.9	Bottom	3	2	17.83	8.2	31.39	93	7.32	9.3	9
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR3	10:24:47	0.9	Middle	2	1	17.82	8.01	31.88	94	7.38	7	8.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR3	10:25:02	0.9	Middle	2	2	17.82	8.02	31.88	93.9	7.37	7.3	8.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR4	9:37:02	1.0	Surface	1	1	17.77	7.99	31.15	94.8	7.48	5	3.8
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR4	9:37:10	1.0	Surface	1	2	17.77	8	31.17	94.6	7.47	5.2	4.8
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR4	9:37:06	2.8	Bottom	3	1	17.76	7.99	31.17	94.7	7.47	5	5.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR4	9:36:57	2.8	Bottom	3	2	17.77	7.99	31.17	94.8	7.48	5.1	6.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR5	9:44:21	1.0	Surface	1	1	17.8	8.21	31.35	94.1	7.41	9.8	12.8
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR5	9:43:54	1.0	Surface	1	2	17.82	8.21	31.33	93.9	7.4	9.9	14.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR5	9:44:03	3.9	Bottom	3	1	17.83	8.21	31.35	93.7	7.38	9.3	14.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR5	9:44:29	3.9	Bottom	3	2	17.83	8.21	31.34	93.9	7.39	9.6	14.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:32:32	1.0	Surface	1	1	17.73	7.93	31.95	92.7	7.29	3.4	3.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:33:11	1.0	Surface	1	2	17.74	7.93	31.9	92.7	7.28	3	3.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:32:58	3.5	Middle	2	1	17.74	7.93	31.92	92.5	7.27	3.3	3.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:32:20	3.5	Middle	2	2	17.74	7.92	31.93	92.7	7.29	3.3	3.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:32:47	5.9	Bottom	3	1	17.73	7.93	31.98	92.3	7.25	3.6	3.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10A	8:32:09	5.9	Bottom	3	2	17.74	7.92	31.92	92.6	7.28	3.4	2.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10B	8:15:26	1.0	Surface	1	1	17.7	7.88	32.17	91.4	7.18	3.2	3.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10B	8:15:47	1.0	Surface	1	2	17.7	7.89	32.2	91.4	7.17	3.3	4.4
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10B	8:15:33	4.7	Bottom	3	1	17.7	7.89	32.19	91.3	7.17	3.5	3.4
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	SR10B	8:15:14	4.7	Bottom	3	2	17.7	7.88	32.16	91.2	7.16	3.4	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:00:43	1.0	Surface	1	1	17.87	8.2	31.29	92.5	7.28	8.8	8.5
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:02:16	1.0	Surface	1	2	17.87	8.21	31.26	92.6	7.29	9.3	8.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:01:01	4.1	Middle	2	1	17.85	8.21	31.53	92.3	7.25	11.7	10
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:02:28	4.1	Middle	2	2	17.86	8.21	31.48	92.4	7.27	11.2	11.4
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:02:49	7.1	Bottom	3	1	17.85	8.21	31.55	92.3	7.25	14.1	11
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS2	11:01:52	7.1	Bottom	3	2	17.85	8.21	31.56	92.3	7.25	12.2	10.5
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:59:31	1.0	Surface	1	1	17.83	7.93	31.05	93.8	7.4	3.7	2.3
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:58:54	1.0	Surface	1	2	17.83	7.93	31.01	94.1	7.43	3.5	4
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:58:37	6.9	Middle	2	1	17.77	7.92	31.74	93.1	7.32	4	2.6
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:59:17	6.9	Middle	2	2	17.77	7.93	31.74	93.1	7.32	4.3	3.2
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:59:08	12.8	Bottom	3	1	17.77	7.92	31.83	93.6	7.36	4.4	2.1
HKLR	HY/2011/03	2014-03-05	Mid-Flood	Cloudy	CS(Mf)5	8:58:26	12.8	Bottom	3	2	17.77	7.91	31.83	93.6	7.35	4.1	2.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:19:57	1.0	Surface	1	1	17.16	7.95	31.87	93.4	7.42	7.7	8.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:20:33	1.0	Surface	1	2	17.16	7.96	31.84	93.5	7.43	8.4	8.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:19:45	4.2	Middle	2	1	17.16	7.94	31.9	93.3	7.42	7.7	10.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:20:18	4.2	Middle	2	2	17.16	7.95	31.86	93.2	7.41	8.2	9.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:20:09	7.4	Bottom	3	1	17.16	7.95	31.87	93.3	7.42	7.8	9.4
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS5	16:19:37	7.4	Bottom	3	2	17.16	7.94	31.9	93.3	7.41	7.4	10.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)6	16:27:43	1.0	Surface	1	1	17.17	7.98	31.79	95.2	7.57	5.2	5.3
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)6	16:27:31	1.0	Surface	1	2	17.17	7.97	31.79	95.5	7.6	5	7.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)6	16:27:36	2.3	Bottom	3	1	17.17	7.98	31.79	95.4	7.58	5.1	6.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)6	16:27:23	2.3	Bottom	3	2	17.17	7.97	31.8	95.7	7.61	5.1	7.8
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS7	16:33:56	1.0	Surface	1	1	17.15	8.02	31.76	96.2	7.65	5.2	6
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS7	16:34:09	1.0	Surface	1	2	17.15	8.03	31.75	95.7	7.61	5.2	6.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS7	16:34:02	2.4	Bottom	3	1	17.15	8.02	31.76	95.8	7.62	5	10.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS7	16:33:50	2.4	Bottom	3	2	17.15	8.02	31.76	96.3	7.66	5	8.9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS8	16:58:45	1.0	Surface	1	1	17.26	8.04	31.75	93.7	7.44	8	10.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS8	16:59:03	1.0	Surface	1	2	17.28	8.04	31.78	93.6	7.43	7.9	11.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS8	16:58:55	2.6	Bottom	3	1	17.29	8.04	31.86	93.8	7.44	7.9	10.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS8	16:58:36	2.6	Bottom	3	2	17.27	8.03	31.78	93.8	7.44	7.9	11.9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)9	16:41:10	1.0	Surface	1	1	17.19	8.04	31.68	95	7.56	6.9	7.6
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)9	16:41:32	1.0	Surface	1	2	17.19	8.04	31.67	94.9	7.55	7.1	8.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)9	16:41:02	2.4	Bottom	3	1	17.19	8.04	31.68	95.1	7.56	6.9	8.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS(Mf)9	16:41:22	2.4	Bottom	3	2	17.19	8.04	31.68	94.9	7.55	6.9	7.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:03:24	1.0	Surface	1	1	17.16	7.85	32.1	96.4	7.65	8	5.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:03:31	1.0	Surface	1	2	17.16	7.87	32.11	95.7	7.59	7.6	5.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:50:28	1.7	Middle	2	1	17.26	8.02	31.75	94	7.46	8.7	3.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:50:43	1.7	Middle	2	2	17.26	8.03	31.76	94.1	7.47	8.5	4
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:50:18	2.3	Bottom	3	1	17.26	8.01	31.77	94	7.47	8.5	4.6
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	IS10	16:50:36	2.3	Bottom	3	2	17.27	8.03	31.78	94.1	7.47	8.6	4.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR3	18:01:12	1.0	Middle	2	1	17.56	8.07	32.9	89.7	7.03	1.5	7.8
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR3	18:01:49	1.0	Middle	2	2	17.56	8.08	32.89	89.5	7.02	1.6	7
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR4	18:01:00	1.0	Surface	1	1	17.56	8.07	32.91	89.7	7.03	1.4	9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR4	18:01:35	1.0	Surface	1	2	17.56	8.08	32.91	89.4	7	1.5	9.9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR4	18:01:27	5.6	Bottom	3	1	17.56	8.07	32.91	89.3	7	1.5	11.6
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR4	18:00:48	5.6	Bottom	3	2	17.56	8.07	32.92	89.8	7.04	1.6	11.6
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR5	18:14:16	1.0	Surface	1	1	17.57	8.08	32.9	89.2	6.99	1.4	6.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR5	18:14:33	1.0	Surface	1	2	17.57	8.08	32.9	89.2	6.99	1.5	5.4
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR5	18:14:25	4.6	Bottom	3	1	17.57	8.08	32.9	89	6.98	1.4	5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR5	18:14:06	4.6	Bottom	3	2	17.56	8.07	32.91	89.1	6.99	1.3	4.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:31:55	1.0	Surface	1	1	17.54	8.06	32.61	90.6	7.11	2.3	3
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:32:38	1.0	Surface	1	2	17.54	8.06	32.6	90.4	7.1	2.3	2.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:31:42	6.7	Middle	2	1	17.53	8.06	32.69	90.3	7.09	2.4	4.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:32:23	6.7	Middle	2	2	17.54	8.06	32.69	90.1	7.08	2.3	3.3
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:31:32	12.4	Bottom	3	1	17.54	8.06	32.69	90.4	7.1	2.6	3.7
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10A	17:32:10	12.4	Bottom	3	2	17.54	8.06	32.7	90.2	7.08	2.4	3
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10B	11:25:53	1.0	Surface	1	1	17.15	8.05	31.58	93.7	7.46	6.6	2.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10B	11:25:12	1.0	Surface	1	2	17.14	8.05	31.58	94	7.48	6.8	5.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10B	11:25:43	4.2	Bottom	3	1	17.14	8.05	31.58	93.5	7.45	6.8	2.9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	SR10B	11:25:05	4.2	Bottom	3	2	17.14	8.04	31.58	93.8	7.47	6.9	3.1
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:25:33	1.0	Surface	1	1	17.14	8.04	31.58	93.5	7.45	6.7	3.9
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:24:55	1.0	Surface	1	2	17.14	8.04	31.58	94	7.49	6.9	5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:15:31	1.6	Middle	2	1	17.23	8.03	31.79	94	7.47	7.1	4
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:15:48	1.6	Middle	2	2	17.23	8.04	31.79	93.8	7.45	7.7	3.8
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:15:23	2.1	Bottom	3	1	17.23	8.03	31.79	94.1	7.47	7.2	3.8
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS2	11:15:40	2.1	Bottom	3	2	17.23	8.03	31.79	94	7.46	7.3	3.4
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:08:45	1.0	Surface	1	1	17.1	8.03	31.53	95.2	7.59	7.9	3.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:08:28	1.0	Surface	1	2	17.1	8.02	31.54	95.3	7.6	7.8	2.5
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:08:20	1.1	Middle	2	1	17.1	8.02	31.55	95.5	7.62	8	3.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:08:36	1.1	Middle	2	2	17.1	8.03	31.54	95.1	7.59	7.9	3.2
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	10:42:57	1.1	Bottom	3	1	17.47	8.01	31.96	91.3	7.21	4.1	2.8
HKLR	HY/2011/03	2014-03-07	Mid-Ebb	Cloudy	CS(Mf)5	10:43:24	1.1	Bottom	3	2	17.47	8.01	31.95	91.1	7.19	4.1	4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	10:43:12	1.0	Surface	1	1	17.47	8.01	31.96	91.1	7.2	4.3	7.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	10:42:47	1.0	Surface	1	2	17.47	8.01	31.96	91.4	7.22	4.2	6.9
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	11:03:07	1.7	Middle	2	1	17.18	8.01	31.57	94.8	7.54	6.9	7
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	11:03:24	1.7	Middle	2	2	17.18	8.02	31.57	94.5	7.52	6.6	8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	11:03:17	2.3	Bottom	3	1	17.18	8.01	31.57	94.6	7.53	6.7	7.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS5	11:02:58	2.3	Bottom	3	2	17.18	8.01	31.57	94.9	7.56	6.6	9.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)6	11:38:50	1.0	Surface	1	1	17.17	8.03	31.59	93.8	7.47	7.2	9.2
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)6	11:38:44	1.0	Surface	1	2	17.19	8.02	31.58	93.8	7.46	6.8	10.9
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)6	10:51:42	1.0	Bottom	3	1	17.47	8.02	31.94	91.1	7.19	4.1	11
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)6	10:51:25	1.0	Bottom	3	2	17.47	8.02	31.95	91	7.19	4.2	12.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS7	10:51:16	1.0	Surface	1	1	17.47	8.01	31.95	91	7.19	4.2	9.2
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS7	10:51:34	1.0	Surface	1	2	17.47	8.02	31.94	91	7.19	4.2	9.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS7	9:31:30	1.0	Bottom	3	1	17.58	7.97	32.7	89.3	7.01	1.6	8.3
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS7	9:32:04	1.0	Bottom	3	2	17.58	7.98	32.71	89.1	6.99	1.8	9.3
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS8	9:31:19	1.0	Surface	1	1	17.58	7.97	32.71	89.3	7.01	1.9	5.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS8	9:31:52	1.0	Surface	1	2	17.58	7.98	32.71	89	6.98	2	4.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS8	9:31:43	5.8	Bottom	3	1	17.58	7.98	32.71	89	6.98	1.7	6.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS8	9:31:11	5.8	Bottom	3	2	17.58	7.96	32.71	89.4	7.01	1.7	5.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)9	9:17:44	1.0	Surface	1	1	17.57	7.91	32.74	89.2	7	2	7
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)9	9:18:02	1.0	Surface	1	2	17.57	7.93	32.76	89	6.98	1.9	6.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)9	9:17:56	4.7	Bottom	3	1	17.57	7.92	32.76	89	6.98	2	7.3
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS(Mf)9	9:17:33	4.7	Bottom	3	2	17.57	7.9	32.75	89.1	6.99	2.2	8.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	10:00:34	1.0	Surface	1	1	17.54	7.99	32.49	90.1	7.08	2.3	9.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	9:59:47	1.0	Surface	1	2	17.54	7.99	32.49	90.1	7.08	2.3	10.5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	9:59:29	6.7	Middle	2	1	17.58	7.98	32.61	89.7	7.04	2.4	10.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	10:00:13	6.7	Middle	2	2	17.58	7.99	32.63	89.5	7.02	2.4	11
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	9:59:09	12.3	Bottom	3	1	17.56	7.98	32.59	90.3	7.09	2.3	10.2
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	IS10	10:00:07	12.3	Bottom	3	2	17.59	7.99	32.64	89.6	7.04	2.5	11.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR3	17:24:47	1.0	Middle	2	1	17.43	8.21	32.25	91.1	7.19	3.9	8.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR3	17:24:01	1.0	Middle	2	2	17.42	8.21	32.24	91.1	7.19	3.8	9.7
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR4	17:23:47	1.0	Surface	1	1	17.45	8.21	32.34	90.9	7.17	3.9	6.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR4	17:24:36	1.0	Surface	1	2	17.45	8.21	32.34	90.7	7.15	3.7	5.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR4	17:23:38	9.3	Bottom	3	1	17.44	8.21	32.39	91	7.18	3.8	5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR4	17:24:19	9.3	Bottom	3	2	17.47	8.21	32.46	90.8	7.15	3.8	5.5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR5	17:11:29	1.0	Surface	1	1	17.43	8.21	32.25	92.1	7.27	3.9	9.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR5	17:11:49	1.0	Surface	1	2	17.42	8.21	32.24	92	7.26	3.8	8.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR5	17:11:38	3.7	Bottom	3	1	17.43	8.21	32.26	92	7.26	3.8	9.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR5	17:11:18	3.7	Bottom	3	2	17.43	8.21	32.25	92.4	7.29	3.8	8.5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:53:37	1.0	Surface	1	1	17.43	8.22	32.08	92	7.26	3.5	2.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:52:49	1.0	Surface	1	2	17.43	8.22	32.12	92.3	7.29	3.6	2.7
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:53:21	4	Middle	2	1	17.44	8.22	32.21	91.6	7.23	4.1	2.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:52:33	4	Middle	2	2	17.46	8.22	32.28	91.9	7.25	4.2	4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:52:17	6.9	Bottom	3	1	17.5	8.22	32.43	92.6	7.29	4.2	3.6
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10A	15:53:05	6.9	Bottom	3	2	17.49	8.21	32.37	91.8	7.23	4	2.7
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10B	10:27:36	1.0	Surface	1	1	17.41	8.18	32.41	91.1	7.18	9.6	3.9
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10B	10:26:56	1.0	Surface	1	2	17.39	8.18	32.39	91.2	7.2	9.8	3
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10B	10:27:24	5.4	Bottom	3	1	17.44	8.18	32.45	90.9	7.16	11.9	2.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	SR10B	10:26:42	5.4	Bottom	3	2	17.45	8.18	32.45	91	7.17	12.1	2.5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:27:15	1.0	Surface	1	1	17.45	8.18	32.49	91.1	7.17	12.3	4.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:26:33	1.0	Surface	1	2	17.46	8.18	32.5	91.3	7.19	12	5.1
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:36:25	2.4	Middle	2	1	17.44	8.18	32.45	90.9	7.16	10.5	4.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:36:06	2.4	Middle	2	2	17.43	8.18	32.44	91	7.17	10.5	4.9
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:35:49	3.7	Bottom	3	1	17.45	8.18	32.48	90.9	7.16	10.2	4.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS2	10:36:15	3.7	Bottom	3	2	17.46	8.18	32.48	90.9	7.16	10.4	5.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:51:31	1.0	Surface	1	1	17.6	8.17	32.08	90.6	7.13	4.2	2.4
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:50:41	1.0	Surface	1	2	17.6	8.17	32.08	90.6	7.13	4.2	2.2
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:50:33	3.9	Middle	2	1	17.6	8.17	32.09	90.4	7.12	4.3	2.8
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:51:16	3.9	Middle	2	2	17.6	8.17	32.07	90.4	7.11	4	2.9
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:50:21	6.7	Bottom	3	1	17.6	8.17	32.08	90.4	7.12	4.3	2.5
HKLR	HY/2011/03	2014-03-07	Mid-Flood	Cloudy	CS(Mf)5	11:51:08	6.7	Bottom	3	2	17.6	8.17	32.07	90.3	7.11	4	3.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:14:03	1.0	Surface	1	1	16.91	8.05	32.87	90.6	7.19	10.1	10.6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:14:43	1.0	Surface	1	2	16.91	8.05	32.85	90.4	7.18	9.8	10.3
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:14:30	3.3	Middle	2	1	16.91	8.05	32.87	90.2	7.16	10.1	11.6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:13:47	3.3	Middle	2	2	16.91	8.05	32.89	90.5	7.18	10.3	11.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:14:16	5.5	Bottom	3	1	16.91	8.05	32.88	90.3	7.17	10.2	13.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS5	20:13:38	5.5	Bottom	3	2	16.91	8.05	32.89	90.3	7.17	10.3	13.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)6	20:21:19	1.0	Surface	1	1	16.74	8.04	32.55	92.5	7.39	5.6	6.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)6	20:21:33	1.0	Surface	1	2	16.74	8.05	32.55	92.3	7.37	5.6	5.6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)6	20:21:26	2.3	Bottom	3	1	16.74	8.05	32.55	92.4	7.37	5.7	9.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)6	20:21:13	2.3	Bottom	3	2	16.74	8.04	32.56	92.6	7.39	5.7	8.7
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS7	20:27:17	1.0	Surface	1	1	16.79	8.05	32.48	93.2	7.43	5.4	6.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS7	20:27:34	1.0	Surface	1	2	16.78	8.05	32.48	92.8	7.4	5.4	6.6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS7	20:27:08	2.3	Bottom	3	1	16.79	8.05	32.5	93.5	7.46	5.6	6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS7	20:27:25	2.3	Bottom	3	2	16.78	8.05	32.49	93	7.41	5.4	7.3
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS8	20:49:30	1.0	Surface	1	1	16.88	8.04	32.55	91.3	7.27	4.6	5.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS8	20:49:11	1.0	Surface	1	2	16.88	8.04	32.56	91.3	7.27	4.8	5.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS8	20:48:59	2.6	Bottom	3	1	16.89	8.03	32.57	91.3	7.27	4.7	5.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS8	20:49:21	2.6	Bottom	3	2	16.88	8.04	32.57	91.1	7.25	4.7	6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)9	20:33:33	1.0	Surface	1	1	16.91	8.05	32.62	91.8	7.3	4.9	8.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)9	20:33:19	1.0	Surface	1	2	16.91	8.05	32.62	92.1	7.33	5	8.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)9	20:33:06	2.4	Bottom	3	1	16.92	8.05	32.63	92.5	7.36	5.1	8.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS(Mf)9	20:33:26	2.4	Bottom	3	2	16.91	8.05	32.62	91.9	7.31	4.9	9.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:18:50	1.0	Surface	1	1	17.23	8.19	32.96	84.9	6.69	3.3	4.6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:19:32	1.0	Surface	1	2	17.24	8.19	32.95	84.8	6.69	3.5	5.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:19:20	5.2	Middle	2	1	17.26	8.19	33.24	84.6	6.66	3.5	4.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:18:39	5.2	Middle	2	2	17.25	8.19	33.21	84.5	6.65	3.4	5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:18:29	9.4	Bottom	3	1	17.25	8.19	33.27	84.9	6.68	3.5	6.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	IS10	21:19:10	9.4	Bottom	3	2	17.25	8.19	33.34	84.7	6.66	3.5	7.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR3	19:58:22	0.8	Middle	2	1	16.9	8.04	32.92	94.3	7.49	8.1	13
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR3	19:58:29	0.8	Middle	2	2	16.9	8.04	32.92	93.4	7.41	8.1	14.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR4	20:39:15	1.0	Surface	1	1	16.89	8.05	32.57	92.7	7.38	4.7	7.3
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR4	20:39:30	1.0	Surface	1	2	16.89	8.05	32.57	92.1	7.33	4.7	6.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR4	20:39:22	2.5	Bottom	3	1	16.89	8.05	32.58	92.3	7.35	4.6	7.3
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR4	20:39:06	2.5	Bottom	3	2	16.89	8.05	32.58	93.3	7.42	4.7	6.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR5	21:06:09	1.0	Surface	1	1	17.24	8.18	32.98	87	6.86	3.5	6.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR5	21:06:38	1.0	Surface	1	2	17.24	8.18	32.96	86.2	6.8	3.5	6.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR5	21:06:00	3.7	Bottom	3	1	17.23	8.18	33.1	87.4	6.88	3.6	4.7
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR5	21:06:25	3.7	Bottom	3	2	17.23	8.18	33.16	86.3	6.8	3.8	4.7
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:14:18	1.0	Surface	1	1	17.1	8.07	33.71	87.8	6.91	1.2	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:13:46	1.0	Surface	1	2	17.09	8.07	33.71	88	6.92	1.3	2.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:14:08	3.3	Middle	2	1	17.09	8.07	33.73	87.7	6.9	1.4	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:13:33	3.3	Middle	2	2	17.09	8.07	33.73	88	6.93	1.4	5.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:13:23	5.6	Bottom	3	1	17.09	8.06	33.74	88	6.92	1.2	6.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10A	22:14:01	5.6	Bottom	3	2	17.09	8.07	33.73	87.7	6.9	1.3	5.7
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10B	22:27:16	1.0	Surface	1	1	17.09	8.08	33.7	87.5	6.89	1.2	3.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10B	22:26:47	1.0	Surface	1	2	17.09	8.07	33.7	87.6	6.89	1.2	3.1
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10B	22:26:59	4.6	Bottom	3	1	17.09	8.08	33.72	87.3	6.87	1.2	5.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	SR10B	22:26:38	4.6	Bottom	3	2	17.09	8.07	33.72	87.4	6.88	1.2	4.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:50:28	1.0	Surface	1	1	17.2	8.19	33.05	87.3	6.89	3.2	5.3
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:49:58	1.0	Surface	1	2	17.19	8.19	33.09	88.1	6.94	3.1	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:50:17	4.0	Middle	2	1	17.24	8.19	33.13	87.2	6.87	3.5	4.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:49:47	4.0	Middle	2	2	17.21	8.19	33.13	87.9	6.93	3.4	4.9
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:49:25	7.0	Bottom	3	1	17.26	8.19	33.35	89.5	7.04	3.4	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS2	19:50:10	7.0	Bottom	3	2	17.24	8.19	33.23	87.6	6.9	3.3	6
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:45:13	1.0	Surface	1	1	17.16	8.07	33.64	87.2	6.86	1.4	2.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:44:19	1.0	Surface	1	2	17.16	8.06	33.65	87.5	6.88	1.4	3.7
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:44:50	4.2	Middle	2	1	17.18	8.07	33.67	87	6.84	1.2	3.8
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:44:02	4.2	Middle	2	2	17.18	8.07	33.69	87.3	6.86	1.2	3.5
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:43:53	7.3	Bottom	3	1	17.18	8.06	33.68	87.3	6.86	1.3	2.2
HKLR	HY/2011/03	2014-03-10	Mid-Ebb	Cloudy	CS(Mf)5	21:44:39	7.3	Bottom	3	2	17.18	8.07	33.68	87.1	6.85	1.2	2.2
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:23:11	1.0	Surface	1	1	16.86	8.01	32.06	90.1	7.19	4.1	4.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:23:44	1.0	Surface	1	2	16.88	8.01	32.07	90	7.18	4.1	3.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:23:33	3.4	Middle	2	1	16.89	8.01	32.11	89.7	7.16	4.1	7.1
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:23:04	3.4	Middle	2	2	16.9	8.02	32.11	89.9	7.17	4.1	6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:23:22	5.7	Bottom	3	1	16.91	8.02	32.16	89.9	7.17	4.3	5.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS5	9:22:52	5.7	Bottom	3	2	16.89	8.02	32.15	90.2	7.2	4	7.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)6	9:15:01	1.0	Surface	1	1	16.66	8.02	31.84	91.7	7.36	8	15.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)6	9:14:43	1.0	Surface	1	2	16.67	8.01	31.84	92.2	7.4	8.2	14.9
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)6	9:14:33	2.2	Bottom	3	1	16.66	8.01	31.84	92.6	7.43	8.3	14.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)6	9:14:53	2.2	Bottom	3	2	16.66	8.02	31.84	91.8	7.37	8.1	15.7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS7	9:08:50	1.0	Surface	1	1	16.65	8.02	31.96	92.4	7.42	6.6	7.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS7	9:08:34	1.0	Surface	1	2	16.65	8.01	31.96	92.9	7.45	6.5	7.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS7	9:08:26	2.3	Bottom	3	1	16.65	8.01	31.97	93.3	7.49	6.6	8.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS7	9:08:42	2.3	Bottom	3	2	16.65	8.02	31.97	92.6	7.43	6.5	8.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS8	8:43:12	1.0	Surface	1	1	16.98	8.01	32.08	89.7	7.14	3.9	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS8	8:43:58	1.0	Surface	1	2	16.98	8.02	32.06	89.8	7.15	3.8	3.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS8	8:42:59	2.7	Bottom	3	1	17.04	8.01	32.18	90.2	7.17	4.1	5.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS8	8:43:35	2.7	Bottom	3	2	17.06	8.01	32.18	91.2	7.28	4	5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)9	9:01:01	1.0	Surface	1	1	16.84	7.98	31.88	91.7	7.34	7.5	7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)9	9:01:21	1.0	Surface	1	2	16.83	7.99	31.88	91.1	7.29	8.3	6.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)9	9:01:09	2.3	Bottom	3	1	16.83	7.99	31.88	91.4	7.31	7.8	9.2
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS(Mf)9	9:00:53	2.3	Bottom	3	2	16.85	7.98	31.89	92.3	7.38	7.2	9.3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:47:17	1.0	Surface	1	1	17.14	8.15	33.02	87.4	6.9	3.9	4.2
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:46:36	1.0	Surface	1	2	17.15	8.14	33.03	87.7	6.92	3.9	4.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:46:21	5.5	Middle	2	1	17.27	8.14	33.19	87.4	6.88	4.5	5.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:47:04	5.5	Middle	2	2	17.25	8.14	33.17	87.1	6.86	4.5	4.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:46:12	9.9	Bottom	3	1	17.26	8.14	33.19	87.9	6.92	4.6	7.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	IS10	8:46:54	9.9	Bottom	3	2	17.26	8.14	33.19	87.5	6.89	4.4	5.7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR3	9:39:07	0.8	Middle	2	1	16.89	8	32.06	90.2	7.2	4.2	4.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR3	9:39:01	0.8	Middle	2	2	16.89	8	32.06	90.2	7.2	4.1	3.8
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR4	8:51:30	1.0	Surface	1	1	16.99	8	32.09	88.4	7.04	4.3	3.1
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR4	8:51:47	1.0	Surface	1	2	16.99	8	32.09	88.5	7.05	4.3	3.7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR4	8:51:40	2.6	Bottom	3	1	17.02	8	32.17	88.6	7.05	4.4	2.9
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR4	8:51:22	2.6	Bottom	3	2	17.04	8	32.19	88.5	7.04	4.5	4.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR5	8:56:22	1.0	Surface	1	1	17.13	8.15	32.99	88	6.95	3.7	4.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR5	8:56:38	1.0	Surface	1	2	17.13	8.15	33	88	6.95	3.6	4.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR5	8:56:13	3.8	Bottom	3	1	17.15	8.15	33.1	88.1	6.96	3.7	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR5	8:56:29	3.8	Bottom	3	2	17.14	8.15	33.09	88.1	6.96	3.7	5.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:39:03	1.0	Surface	1	1	17.2	7.97	33.1	86.6	6.83	1	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:38:17	1.0	Surface	1	2	17.2	7.97	33.09	86.9	6.85	1.1	5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:38:08	3.4	Middle	2	1	17.2	7.97	33.11	87	6.86	1.1	4.2
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:38:43	3.4	Middle	2	2	17.2	7.97	33.12	86.6	6.83	1.1	5.5
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:38:31	5.7	Bottom	3	1	17.2	7.97	33.13	86.6	6.82	1.2	5.3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10A	7:37:59	5.7	Bottom	3	2	17.2	7.97	33.11	87.1	6.86	1.2	4.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10B	7:20:25	1.0	Surface	1	1	17.17	7.92	32.99	87.9	6.94	1.4	2.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10B	7:20:42	1.0	Surface	1	2	17.17	7.93	33.02	87.4	6.9	1.3	2.3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10B	7:20:34	4.7	Bottom	3	1	17.17	7.93	33.02	87.5	6.91	1.3	3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	SR10B	7:20:16	4.7	Bottom	3	2	17.17	7.92	32.98	88.3	6.97	1.3	3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:13:39	1.0	Surface	1	1	17.15	8.15	33.07	87.5	6.91	4.8	4.9
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:13:04	1.0	Surface	1	2	17.15	8.15	33.07	87.5	6.91	4.8	4.9
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:13:26	4.0	Middle	2	1	17.16	8.15	33.08	87.3	6.89	5.1	6.6
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:12:54	4.0	Middle	2	2	17.17	8.15	33.09	87.2	6.88	4.9	7.7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:13:17	7.0	Bottom	3	1	17.16	8.15	33.09	87.3	6.88	6.2	9
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS2	10:12:43	7.0	Bottom	3	2	17.18	8.15	33.13	87.4	6.9	6.3	7.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:08:41	1.0	Surface	1	1	17.17	7.98	33.02	86.2	6.8	1.5	5.3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:08:07	1.0	Surface	1	2	17.17	7.98	33.03	86.6	6.83	1.4	4.3
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:07:55	4.2	Middle	2	1	17.24	7.98	33.12	86.4	6.81	1.6	4.4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:08:31	4.2	Middle	2	2	17.24	7.99	33.13	86.2	6.79	1.7	5.7
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:08:20	7.4	Bottom	3	1	17.23	7.98	33.12	86.5	6.81	1.4	4
HKLR	HY/2011/03	2014-03-10	Mid-Flood	Cloudy	CS(Mf)5	8:07:47	7.4	Bottom	3	2	17.24	7.98	33.12	86.6	6.82	1.4	6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:41:36	1.0	Surface	1	1	16.96	8.07	32.47	94.4	7.51	8.6	11.7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:41:01	1.0	Surface	1	2	16.96	8.07	32.46	94.5	7.51	9	11.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:41:26	4.6	Middle	2	1	16.95	8.08	32.59	94.2	7.48	9	10.7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:40:53	4.6	Middle	2	2	16.96	8.07	32.48	94.2	7.49	9	12.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:40:39	8.2	Bottom	3	1	16.95	8.07	32.56	94	7.47	9.1	11.3
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS5	11:41:21	8.2	Bottom	3	2	16.95	8.08	32.6	94.1	7.48	9.1	12.4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)6	11:32:21	1.0	Surface	1	1	16.75	8.03	32.19	95.5	7.63	13.2	11.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)6	11:32:32	1.0	Surface	1	2	16.75	8.03	32.17	95.4	7.62	13.5	10.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)6	11:32:26	2.3	Bottom	3	1	16.8	8.03	32.15	95.3	7.62	13.6	9.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)6	11:32:17	2.3	Bottom	3	2	16.79	8.03	32.16	95.4	7.63	13.2	10.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS7	11:25:09	1.0	Surface	1	1	16.86	8.04	32.37	95.1	7.58	7.7	11.4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS7	11:25:20	1.0	Surface	1	2	16.89	8.04	32.36	95.1	7.58	7.6	11.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS7	11:25:05	2.4	Bottom	3	1	16.86	8.04	32.36	95	7.58	7.7	12
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS7	11:25:13	2.4	Bottom	3	2	16.88	8.04	32.36	95.1	7.58	7.9	11.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS8	11:03:57	1.0	Surface	1	1	17.04	8.05	32.66	92.7	7.35	6.2	6.7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS8	11:04:20	1.0	Surface	1	2	17.05	8.05	32.64	92.6	7.35	5.8	7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS8	11:03:52	2.3	Bottom	3	1	17.04	8.05	32.66	92.5	7.34	6.5	7.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS8	11:04:08	2.3	Bottom	3	2	17.04	8.05	32.68	92.6	7.34	6.1	8.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)9	11:19:32	1.0	Surface	1	1	16.93	8.04	32.41	95	7.56	10.2	11.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)9	11:19:44	1.0	Surface	1	2	16.93	8.04	32.41	95.1	7.57	10.1	10.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)9	11:19:40	2.4	Bottom	3	1	16.93	8.04	32.42	95	7.56	10.1	13
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS(Mf)9	11:19:23	2.4	Bottom	3	2	16.92	8.04	32.42	94.9	7.55	10.2	12.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:08:05	1.0	Surface	1	1	17.23	8.11	33.03	89.9	7.09	3.1	3.3
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:07:28	1.0	Surface	1	2	17.2	8.12	33.1	89.6	7.07	3.1	4.1
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:07:52	5.4	Middle	2	1	17.14	8.12	33.37	89.3	7.04	3.1	4.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:07:18	5.4	Middle	2	2	17.14	8.12	33.44	89.2	7.03	3.1	5.1
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:07:43	9.8	Bottom	3	1	17.14	8.12	33.4	89.5	7.05	3.5	7.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	IS10	11:07:09	9.8	Bottom	3	2	17.13	8.12	33.42	89.5	7.05	3.6	8.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR3	11:49:14	0.7	Middle	2	1	16.96	8.04	32.45	94.7	7.53	7.6	10.1
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR3	11:49:12	0.7	Middle	2	2	16.96	8.03	32.46	94.7	7.53	7.9	8.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR4	11:10:10	1.0	Surface	1	1	17.03	8.04	32.25	91.1	7.24	4	6.7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR4	11:09:51	1.0	Surface	1	2	17.03	8.04	32.25	91.8	7.3	3.8	6.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR4	11:10:01	2.4	Bottom	3	1	17.01	8.03	32.43	90.8	7.22	4	7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR4	11:09:42	2.4	Bottom	3	2	17.03	8.04	32.3	91.6	7.28	3.8	5.4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR5	11:16:34	1.0	Surface	1	1	17.19	8.11	33.08	90.4	7.13	3.3	4.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR5	11:17:05	1.0	Surface	1	2	17.24	8.11	33.01	90.5	7.13	3.3	3.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR5	11:16:52	4.0	Bottom	3	1	17.13	8.12	33.26	90.2	7.11	3.2	3.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR5	11:16:26	4.0	Bottom	3	2	17.16	8.11	33.17	90.2	7.11	3.2	4.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:45	1.0	Surface	1	1	16.92	8.05	33.2	88.1	6.98	1.8	5.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:20	1.0	Surface	1	2	16.92	8.05	33.2	88.5	7.01	1.9	4.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:35	3.1	Middle	2	1	16.92	8.05	33.21	88	6.98	1.9	5.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:14	3.1	Middle	2	2	16.92	8.05	33.2	88.3	7	2	4.1
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:28	5.2	Bottom	3	1	16.92	8.05	33.21	88	6.97	1.9	5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10A	9:54:09	5.2	Bottom	3	2	16.92	8.05	33.2	88.3	7	2	4.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10B	9:48:51	1.0	Surface	1	1	16.93	8.03	33.09	88.1	6.98	1.8	2.4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10B	9:48:29	1.0	Surface	1	2	16.93	8.03	33.06	88.8	7.04	1.9	2.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10B	9:48:41	3.9	Bottom	3	1	16.93	8.03	33.09	88	6.98	1.8	2.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	SR10B	9:48:17	3.9	Bottom	3	2	16.93	8.03	33.04	88.4	7.01	1.9	2.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:35:26	1.0	Surface	1	1	17.21	8.12	33.17	91.1	7.18	4.5	3.9
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:34:53	1.0	Surface	1	2	17.23	8.11	33.18	91.3	7.19	4.5	5.3
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:34:44	3.9	Middle	2	1	17.08	8.11	33.36	90.8	7.16	4.6	4.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:35:17	3.9	Middle	2	2	17.08	8.12	33.34	90.5	7.14	4.6	4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:35:08	6.7	Bottom	3	1	17.04	8.11	33.44	90.6	7.15	4.5	5.6
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS2	12:34:35	6.7	Bottom	3	2	17.03	8.11	33.46	90.9	7.18	4.7	4.5
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:28:31	1.0	Surface	1	1	17.08	8.07	33.2	88.4	6.98	2.1	4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:27:48	1.0	Surface	1	2	17.05	8.06	33.2	88.3	6.98	2	3.4
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:28:15	6.7	Middle	2	1	17.01	8.07	33.25	87.8	6.94	2.1	3.7
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:27:37	6.7	Middle	2	2	17.01	8.07	33.25	88	6.95	2	2.8
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:28:04	12.3	Bottom	3	1	17.01	8.07	33.25	87.8	6.94	2.2	2.2
HKLR	HY/2011/03	2014-03-12	Mid-Ebb	Cloudy	CS(Mf)5	10:27:29	12.3	Bottom	3	2	17.01	8.07	33.24	87.8	6.95	2.1	3.9
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:42:48	1.0	Surface	1	1	17.42	8	32.89	95.8	7.53	9	8.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:42:02	1.0	Surface	1	2	17.16	7.99	33.03	95	7.5	9.5	8.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:42:29	4.6	Middle	2	1	17.06	8.02	33.22	94.5	7.47	9.3	8.4
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:41:52	4.6	Middle	2	2	17.05	8.01	33.3	94.4	7.46	9.7	8.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:42:17	8.1	Bottom	3	1	17.08	8.01	33.23	94.5	7.46	9.5	8.8
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS5	14:41:46	8.1	Bottom	3	2	17.05	8.01	33.32	94.4	7.45	9.7	9.8
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)6	14:49:50	1.0	Surface	1	1	17.06	7.99	32.45	94.6	7.51	13.4	12.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)6	14:49:35	1.0	Surface	1	2	16.98	7.99	32.47	94.4	7.5	13.8	12
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)6	14:49:41	2.5	Bottom	3	1	17.03	7.99	32.4	94.4	7.5	13.4	12.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)6	14:49:31	2.5	Bottom	3	2	17.07	7.99	32.41	94.3	7.48	13.9	13.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS7	14:56:57	1.0	Surface	1	1	17.25	8.02	32.6	96.1	7.59	7.2	6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS7	14:56:46	1.0	Surface	1	2	17.23	8.02	32.61	95.9	7.58	7.4	5.3
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS7	14:56:41	2.3	Bottom	3	1	17.25	8.01	32.59	95.7	7.56	7.2	6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS7	14:56:51	2.3	Bottom	3	2	17.27	8.02	32.58	96	7.58	7.2	7.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS8	15:19:52	1.0	Surface	1	1	17.24	8.03	32.76	93.6	7.39	5.7	5.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS8	15:19:40	1.0	Surface	1	2	17.25	8.02	32.75	93.8	7.4	5.9	5.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS8	15:19:35	2.4	Bottom	3	1	17.26	8.02	32.74	93.7	7.39	6.2	7.3
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS8	15:19:46	2.4	Bottom	3	2	17.25	8.03	32.77	93.5	7.38	5.8	5.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)9	15:03:18	1.0	Surface	1	1	17.03	7.99	32.51	95	7.54	9	10.8
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)9	15:03:06	1.0	Surface	1	2	17.05	7.99	32.51	94.8	7.52	8.9	10.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)9	15:03:11	2.5	Bottom	3	1	17.03	7.99	32.51	94.8	7.53	9	12
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS(Mf)9	15:03:01	2.5	Bottom	3	2	17.07	7.98	32.52	94.8	7.52	9	11.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:11:57	1.0	Surface	1	1	17.53	8.12	33.06	92	7.21	4.6	3.4
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:12:45	1.0	Surface	1	2	17.6	8.13	33.03	92.3	7.23	4.5	4
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:11:43	5.2	Middle	2	1	17.12	8.12	33.29	90.7	7.16	4.8	3.9
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:12:28	5.2	Middle	2	2	17.1	8.13	33.31	90.8	7.17	4.6	4.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:11:24	9.4	Bottom	3	1	17.19	8.12	33.26	91.3	7.19	4.8	5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	IS10	16:12:16	9.4	Bottom	3	2	17.09	8.13	33.35	90.9	7.17	4.6	4
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR3	14:34:02	0.7	Middle	2	1	17.33	7.93	32.99	91.9	7.23	7	7.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR3	14:34:05	0.7	Middle	2	2	17.32	7.93	32.98	92.3	7.26	6.9	7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR4	15:13:44	1.0	Surface	1	1	17.14	8.01	33.13	90.3	7.12	7.9	9.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR4	15:13:55	1.0	Surface	1	2	17.14	8.01	33.13	89.6	7.07	8	9.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR4	15:13:38	2.5	Bottom	3	1	17.15	8.01	33.13	89.9	7.09	8	13.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR4	15:13:49	2.5	Bottom	3	2	17.15	8.01	33.13	89.5	7.06	8	11.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR5	16:00:13	1.0	Surface	1	1	17.58	8.13	33.06	93.5	7.32	2.6	6.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR5	16:00:35	1.0	Surface	1	2	17.57	8.13	33.06	93.4	7.31	2.7	7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR5	16:00:23	3.8	Bottom	3	1	17.45	8.13	33.1	93.1	7.3	2.8	5.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR5	16:00:00	3.8	Bottom	3	2	17.5	8.13	33.07	93.1	7.3	2.7	6.8
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:27:28	1.0	Surface	1	1	17.01	8.05	33.39	87.2	6.89	1.5	4.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:27:07	1.0	Surface	1	2	17.01	8.05	33.39	87.4	6.9	1.6	2.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:27:01	3.2	Middle	2	1	17.01	8.05	33.39	87.4	6.9	1.7	3.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:27:24	3.2	Middle	2	2	17.01	8.05	33.39	87.2	6.89	1.5	2.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:27:17	5.4	Bottom	3	1	17.01	8.05	33.4	87.2	6.89	1.5	2
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10A	16:26:54	5.4	Bottom	3	2	17.01	8.05	33.4	87.3	6.9	1.7	4.1
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10B	16:36:30	1.0	Surface	1	1	17.01	8.06	33.39	87.1	6.88	1.4	2.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10B	16:36:59	1.0	Surface	1	2	17.01	8.07	33.39	87	6.87	1.3	3.9
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10B	16:36:19	4.0	Bottom	3	1	17.01	8.06	33.39	87.1	6.88	1.4	2.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	SR10B	16:36:49	4.0	Bottom	3	2	17.01	8.07	33.39	86.9	6.86	1.3	2.5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:41:26	1.0	Surface	1	1	17.56	8.14	31.88	92.7	7.31	3.4	4.8
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:42:09	1.0	Surface	1	2	17.56	8.13	31.9	92.7	7.32	3.2	5.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:41:57	4.0	Middle	2	1	17.39	8.15	32.76	92.5	7.28	3.4	4.6
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:41:12	4.0	Middle	2	2	17.38	8.17	32.82	92.3	7.27	3.5	4.2
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:40:55	6.9	Bottom	3	1	17.17	8.19	33.41	91.4	7.2	3.5	4.9
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS2	14:41:39	6.9	Bottom	3	2	17.27	8.15	33.13	91.7	7.22	3.5	5
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:55:10	1.0	Surface	1	1	17.29	8.06	33.33	88.9	6.99	2.2	2.9
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:55:55	1.0	Surface	1	2	17.25	8.05	33.35	88.5	6.96	2.3	2.4
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:54:50	6.7	Middle	2	1	17.12	8.05	33.36	87.8	6.93	2.3	3.7
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:55:43	6.7	Middle	2	2	17.04	8.04	33.4	88.1	6.96	2.5	3.2
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:55:33	12.3	Bottom	3	1	17.04	8.03	33.38	87.7	6.92	2.5	4.3
HKLR	HY/2011/03	2014-03-12	Mid-Flood	Cloudy	CS(Mf)5	15:54:35	12.3	Bottom	3	2	17.04	8.05	33.39	87.7	6.91	2.6	5.8
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:43:57	1.0	Surface	1	1	17.58	8.07	31.83	92.9	7.33	13.7	14.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:43:21	1.0	Surface	1	2	17.62	8.07	31.84	93	7.33	13.9	13.9
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:43:09	4.2	Middle	2	1	17.58	8.07	31.83	92.7	7.31	13.3	13.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:43:46	4.2	Middle	2	2	17.54	8.08	31.85	92.8	7.32	12.2	15.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:42:54	7.3	Bottom	3	1	17.57	8.07	31.84	92.7	7.32	14.3	17.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS5	12:43:36	7.3	Bottom	3	2	17.57	8.08	31.84	92.6	7.31	14.1	15.4
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)6	12:34:16	1.0	Surface	1	1	17.82	8	31.95	94.3	7.4	16.4	14.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)6	12:33:41	1.0	Surface	1	2	17.84	8.03	31.96	94.2	7.39	17.5	13.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)6	12:33:52	2.1	Bottom	3	1	17.79	8.03	31.95	94.1	7.39	20.2	15.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)6	12:33:31	2.1	Bottom	3	2	17.78	8.03	31.95	94.2	7.39	19.4	15.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS7	12:26:47	1.0	Surface	1	1	17.79	8.02	31.83	95.1	7.47	7.3	6
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS7	12:27:11	1.0	Surface	1	2	17.78	8.02	31.83	94	7.39	7.8	6.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS7	12:27:01	2.3	Bottom	3	1	17.72	8.01	31.87	94.2	7.4	8.7	6.8
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS7	12:26:41	2.3	Bottom	3	2	17.79	8.01	31.82	95.2	7.48	8.5	7.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS8	12:06:06	1.0	Surface	1	1	17.67	8.01	31.41	93.6	7.39	8.8	6.6
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS8	12:05:49	1.0	Surface	1	2	17.68	8	31.46	93.5	7.38	8.6	7.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS8	12:05:58	2.6	Bottom	3	1	17.64	8	31.45	93.5	7.38	7.9	7.6
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS8	12:05:40	2.6	Bottom	3	2	17.66	7.99	31.75	94	7.4	8.5	7.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)9	12:21:22	1.0	Surface	1	1	17.75	8.05	31.77	96.5	7.59	4.2	2.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)9	12:21:40	1.0	Surface	1	2	17.76	8.05	31.78	95.9	7.54	4.2	3.8
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)9	12:21:32	2.4	Bottom	3	1	17.74	8.05	31.78	96.1	7.56	4.3	4.4
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS(Mf)9	12:21:15	2.4	Bottom	3	2	17.75	8.05	31.77	96.8	7.61	4.3	5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:09:53	1.0	Surface	1	1	17.6	8.14	31.93	92	7.25	6.7	6.4
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:10:26	1.0	Surface	1	2	17.62	8.14	31.91	92	7.25	6.5	5.9
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:10:13	5.3	Middle	2	1	17.54	8.13	32.07	91.6	7.22	7.6	8.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:09:43	5.3	Middle	2	2	17.55	8.13	32.06	91.6	7.22	7.3	7.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:09:35	9.6	Bottom	3	1	17.55	8.14	32.05	91.7	7.23	7.7	9.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	IS10	12:10:04	9.6	Bottom	3	2	17.57	8.14	32.03	91.7	7.23	7.8	8.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR3	13:01:01	0.8	Middle	2	1	17.56	8.07	31.83	92.7	7.31	16	12
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR3	13:00:46	0.8	Middle	2	2	17.56	8.06	31.83	92.9	7.33	15.2	13.9
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR4	12:10:53	1.0	Surface	1	1	17.78	8	31.51	93.4	7.35	4.7	6.8
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR4	12:11:05	1.0	Surface	1	2	17.8	8	31.51	93.1	7.33	4.4	5.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR4	12:10:44	2.7	Bottom	3	1	17.77	8	31.52	93.9	7.39	4.9	6.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR4	12:10:59	2.7	Bottom	3	2	17.8	8	31.51	93.3	7.34	4.6	6.5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR5	12:18:39	1.0	Surface	1	1	17.63	8.14	31.89	92.4	7.28	6.2	6.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR5	12:19:02	1.0	Surface	1	2	17.61	8.14	31.92	92.3	7.27	6.4	6.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR5	12:18:53	3.8	Bottom	3	1	17.57	8.14	32	92.2	7.26	6.3	7.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR5	12:18:27	3.8	Bottom	3	2	17.6	8.14	31.94	92.2	7.27	6.3	8.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:56:45	1.0	Surface	1	1	17.09	8	33.05	86.7	6.85	3.1	5.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:57:09	1.0	Surface	1	2	17.09	8	33.05	86.6	6.84	3	4.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:56:27	3.3	Middle	2	1	17.08	8	33.05	86.5	6.84	3.2	5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:57:03	3.3	Middle	2	2	17.09	8	33.06	86.5	6.83	3	5.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:56:17	5.6	Bottom	3	1	17.08	8	33.05	86.6	6.84	3.3	4.4
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10A	10:56:58	5.6	Bottom	3	2	17.09	8	33.06	86.4	6.83	3.1	5
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10B	10:43:30	1.0	Surface	1	1	17.11	7.97	32.94	88.3	6.98	3.1	4.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10B	10:44:30	1.0	Surface	1	2	17.11	7.93	32.98	87.4	6.91	3	6.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10B	10:43:41	4.1	Bottom	3	1	17.08	7.98	32.99	87.8	6.95	3.3	4.6
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	SR10B	10:43:20	4.1	Bottom	3	2	17.08	7.95	32.97	88.4	6.99	3.3	5.8
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:36:48	1.0	Surface	1	1	17.41	8.19	32.36	95.2	7.51	10.6	6.7
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:37:30	1.0	Surface	1	2	17.4	8.19	32.39	95	7.49	10.4	7.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:36:37	3.9	Middle	2	1	17.19	8.2	32.55	94.4	7.47	10.5	6.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:37:16	3.9	Middle	2	2	17.14	8.2	32.58	94.1	7.45	10.5	5.4
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:37:05	6.8	Bottom	3	1	17.14	8.2	32.58	94.3	7.47	10.4	5.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS2	13:36:26	6.8	Bottom	3	2	17.13	8.2	32.6	94.7	7.5	10.2	6.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:31:08	1.0	Surface	1	1	17.48	7.99	32.04	89.2	7.04	3.2	4.1
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:30:25	1.0	Surface	1	2	17.49	7.99	32.06	89.3	7.04	3.4	3.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:30:10	6.8	Middle	2	1	17.21	7.98	32.87	88.3	6.97	3.3	4.3
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:30:51	6.8	Middle	2	2	17.2	7.99	32.89	87.8	6.93	3	3.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:30:40	12.6	Bottom	3	1	17.23	7.99	32.84	88.6	6.99	3.2	4.2
HKLR	HY/2011/03	2014-03-14	Mid-Ebb	Cloudy	CS(Mf)5	11:30:02	12.6	Bottom	3	2	17.28	7.98	32.74	88.9	7.01	3.4	4
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:21:13	1.0	Surface	1	1	17.97	8	32.14	94.4	7.37	12.5	10.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:20:38	1.0	Surface	1	2	17.97	8	32.16	94.6	7.39	11.9	10.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:20:23	4.2	Middle	2	1	17.99	8	32.2	94.5	7.38	11.9	9.9
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:21:03	4.2	Middle	2	2	17.97	8	32.18	94.2	7.36	13	10.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:20:14	7.4	Bottom	3	1	17.99	8	32.21	94.6	7.38	11.2	11.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS5	16:20:52	7.4	Bottom	3	2	17.97	8	32.18	94.3	7.36	12.1	11.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)6	16:32:01	1.0	Surface	1	1	17.95	8.02	32.01	96.4	7.54	7.8	6.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)6	16:31:26	1.0	Surface	1	2	17.96	8.03	32.02	97.5	7.63	8	7.4
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)6	16:31:33	2.2	Bottom	3	1	17.96	8.03	32.03	97.1	7.59	10.3	7.1
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)6	16:31:18	2.2	Bottom	3	2	17.96	8.03	32.03	98	7.67	10	8.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS7	16:38:40	1.0	Surface	1	1	17.87	8.04	32	96.6	7.57	6	5.9
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS7	16:38:24	1.0	Surface	1	2	17.87	8.04	32	97	7.6	5.9	6.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS7	16:38:16	2.3	Bottom	3	1	17.87	8.04	32.01	97.2	7.61	5.9	6.2
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS7	16:38:32	2.3	Bottom	3	2	17.88	8.04	32.02	96.8	7.58	6.2	6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS8	17:01:27	1.0	Surface	1	1	17.75	8.01	31.63	93	7.32	6.4	5.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS8	17:01:47	1.0	Surface	1	2	17.76	8.01	31.65	93.1	7.33	6.8	5
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS8	17:01:18	2.5	Bottom	3	1	17.76	8.01	31.71	92.9	7.31	6.9	9.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS8	17:01:37	2.5	Bottom	3	2	17.76	8.01	31.72	93.1	7.32	7	8.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)9	16:44:13	1.0	Surface	1	1	17.83	8.03	32.05	94.8	7.43	7.2	6.4
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)9	16:43:57	1.0	Surface	1	2	17.82	8.03	32.06	95.2	7.47	7.2	6.2
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)9	16:43:50	2.4	Bottom	3	1	17.82	8.03	32.07	95.6	7.49	7.3	6.5
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS(Mf)9	16:44:04	2.4	Bottom	3	2	17.81	8.02	32.08	95	7.45	8.1	5.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:44:55	1.0	Surface	1	1	17.54	8.19	31.85	92.9	7.34	9.8	4.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:44:15	1.0	Surface	1	2	17.51	8.19	31.92	92.8	7.32	9.6	4.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:44:40	5.5	Middle	2	1	17.45	8.19	32.19	92.3	7.28	10.3	4.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:44:06	5.5	Middle	2	2	17.46	8.19	32.16	92.4	7.29	10.1	6.5
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:43:53	10.0	Bottom	3	1	17.47	8.19	32.13	92.8	7.32	10.3	6.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	IS10	17:44:29	10.0	Bottom	3	2	17.45	8.19	32.15	92.6	7.31	10.6	8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR3	16:03:03	0.8	Middle	2	1	17.99	7.95	32.35	97.2	7.58	10.3	12.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR3	16:03:12	0.8	Middle	2	2	17.99	7.96	32.34	96.7	7.55	10.4	11.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR4	16:54:13	1.0	Surface	1	1	17.76	8.01	31.68	92.8	7.3	6.8	6.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR4	16:53:51	1.0	Surface	1	2	17.76	8.01	31.68	93.1	7.32	6.7	6.2
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR4	16:53:39	2.3	Bottom	3	1	17.76	8.01	31.73	93.3	7.34	7.1	5.2
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR4	16:54:05	2.3	Bottom	3	2	17.75	8.01	31.8	92.7	7.29	7.6	4.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR5	17:32:02	1.0	Surface	1	1	17.5	8.19	31.96	94	7.42	9.4	5.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR5	17:31:43	1.0	Surface	1	2	17.52	8.19	31.91	94.6	7.46	9.6	7.1
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR5	17:31:30	4.0	Bottom	3	1	17.5	8.19	32.03	94.8	7.48	9.6	6.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR5	17:31:53	4.0	Bottom	3	2	17.49	8.19	32.04	94.2	7.43	9.4	7.1
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:13:36	1.0	Surface	1	1	17.16	7.99	33.06	86.6	6.83	3.2	3.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:14:19	1.0	Surface	1	2	17.15	7.98	33.07	86.4	6.82	3.1	4.9
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:14:09	3.4	Middle	2	1	17.15	7.98	33.09	86.2	6.8	3.2	4.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:13:19	3.4	Middle	2	2	17.15	7.99	33.1	86.4	6.82	3.4	3.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:13:55	5.8	Bottom	3	1	17.14	7.98	33.12	86.2	6.8	3.4	5.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10A	18:13:09	5.8	Bottom	3	2	17.13	7.99	33.14	86.4	6.82	3.2	4.4
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10B	18:27:46	1.0	Surface	1	1	17.15	7.96	33.07	86.4	6.82	3	6.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10B	18:27:23	1.0	Surface	1	2	17.15	7.96	33.07	86.3	6.82	3	5.5
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10B	18:27:14	4.4	Bottom	3	1	17.15	7.96	33.09	86.3	6.81	3.1	4.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	SR10B	18:27:34	4.4	Bottom	3	2	17.14	7.96	33.09	86.3	6.81	2.9	6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:06:25	1.0	Surface	1	1	17.5	8.21	31.65	95	7.51	6.5	7.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:07:15	1.0	Surface	1	2	17.5	8.2	31.62	93.4	7.39	6.3	6.6
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:06:14	3.9	Middle	2	1	17.49	8.23	31.87	95.2	7.52	6.4	6.2
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:07:05	3.9	Middle	2	2	17.49	8.21	31.83	93.3	7.37	6.3	6.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:05:49	6.8	Bottom	3	1	17.29	8.26	32.29	97.2	7.69	11.1	7.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS2	16:06:44	6.8	Bottom	3	2	17.31	8.22	32.16	93.3	7.39	11.2	7.5
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:38:08	1.0	Surface	1	1	17.59	8.01	31.98	90.6	7.13	4	6.1
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:39:10	1.0	Surface	1	2	17.59	8.01	32	90.2	7.11	4	7.7
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:37:50	6.9	Middle	2	1	17.45	8.01	32.63	88.9	7	4.8	7.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:38:54	6.9	Middle	2	2	17.46	8	32.62	88.4	6.96	4.3	6.8
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:37:40	12.7	Bottom	3	1	17.38	8.01	32.74	89.3	7.04	4.7	9.3
HKLR	HY/2011/03	2014-03-14	Mid-Flood	Cloudy	CS(Mf)5	17:38:34	12.7	Bottom	3	2	17.38	8	32.74	88.9	7	4.5	8.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:18:45	1.0	Surface	1	1	17.3	7.52	32.09	91.8	7.27	18.1	24.8
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:18:13	1.0	Surface	1	2	17.31	7.51	32.1	92	7.28	18.2	22.8
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:18:37	4.3	Middle	2	1	17.3	7.52	32.09	91.8	7.27	17.5	23.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:18:03	4.3	Middle	2	2	17.31	7.51	32.11	91.8	7.26	18.1	24.6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:17:55	7.6	Bottom	3	1	17.31	7.51	32.11	91.8	7.26	17.9	24.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS5	12:18:24	7.6	Bottom	3	2	17.31	7.51	32.1	91.7	7.26	17.2	26
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)6	12:28:09	1.0	Surface	1	1	17.4	7.55	32.12	92.2	7.28	12.8	14.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)6	12:27:49	1.0	Surface	1	2	17.42	7.54	32.13	92.3	7.29	12.8	13.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)6	12:27:42	2.1	Bottom	3	1	17.41	7.54	32.13	92.5	7.3	13.8	18.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)6	12:27:57	2.1	Bottom	3	2	17.41	7.55	32.13	92.2	7.28	12.8	17.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS7	12:34:34	1.0	Surface	1	1	17.62	7.6	32.09	94.5	7.43	9	7.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS7	12:34:48	1.0	Surface	1	2	17.53	7.6	32.14	94.2	7.42	8.2	7.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS7	12:34:24	2.2	Bottom	3	1	17.61	7.6	32.06	94.6	7.45	10.8	6.6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS7	12:34:41	2.2	Bottom	3	2	17.54	7.6	32.12	94.3	7.43	10.7	6.5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS8	12:56:17	1.0	Surface	1	1	17.52	7.61	32.07	91.2	7.2	7	4.1
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS8	12:56:36	1.0	Surface	1	2	17.53	7.61	32.08	91.2	7.19	6.9	4.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS8	12:56:26	2.7	Bottom	3	1	17.44	7.6	32.07	91	7.19	8.1	10.5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS8	12:56:08	2.7	Bottom	3	2	17.44	7.6	32.07	91.2	7.2	8.4	9.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)9	12:40:10	1.0	Surface	1	1	17.54	7.61	32.14	94.5	7.44	8	7.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)9	12:40:25	1.0	Surface	1	2	17.52	7.61	32.16	94.2	7.42	7.3	7.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)9	12:40:18	2.3	Bottom	3	1	17.49	7.61	32.14	94.2	7.43	7.7	8.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS(Mf)9	12:40:04	2.3	Bottom	3	2	17.61	7.61	32.05	94.7	7.45	8.6	8.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:26:52	1.0	Surface	1	1	17.29	8.12	32.05	88.9	7.04	20.3	10.8
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:27:31	1.0	Surface	1	2	17.27	8.12	32.09	88.8	7.04	20.2	12.6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:27:17	5.5	Middle	2	1	17.23	8.13	32.18	88.6	7.02	20.4	14.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:26:42	5.5	Middle	2	2	17.24	8.13	32.18	88.6	7.02	20.5	15.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:27:06	10.0	Bottom	3	1	17.24	8.12	32.17	88.3	7	20.8	15.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	IS10	13:26:28	10.0	Bottom	3	2	17.24	8.12	32.16	88.2	6.99	21.1	15.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR3	12:04:52	0.8	Middle	2	1	17.33	7.49	32.12	92.6	7.33	19.2	30.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR3	12:04:42	0.8	Middle	2	2	17.33	7.5	32.12	92.8	7.34	18.3	28.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR4	12:51:16	1.0	Surface	1	1	17.54	7.59	32.01	90.1	7.11	4.8	6.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR4	12:51:33	1.0	Surface	1	2	17.56	7.59	31.99	89.8	7.08	4.9	6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR4	12:51:24	2.5	Bottom	3	1	17.54	7.59	32.01	89.9	7.09	5	7.6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR4	12:51:09	2.5	Bottom	3	2	17.53	7.59	32.01	90.3	7.12	4.7	8.8
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR5	13:10:53	1.0	Surface	1	1	17.72	8.08	30.93	87.2	6.89	7.2	7.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR5	13:11:13	1.0	Surface	1	2	17.87	8.09	31.2	87.6	6.89	7.8	8.8
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR5	13:10:39	3.8	Bottom	3	1	17.67	8.08	31.01	87.1	6.89	7.3	8.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR5	13:11:04	3.8	Bottom	3	2	17.76	8.08	31.11	87.1	6.88	7.7	8.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:50:43	1.0	Surface	1	1	17.19	7.58	32.66	87.2	6.9	5.4	7.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:51:20	1.0	Surface	1	2	17.24	7.58	32.58	87.2	6.89	5.1	7.5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:51:04	3.3	Middle	2	1	17.2	7.58	32.65	87.1	6.89	5.4	7.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:50:34	3.3	Middle	2	2	17.2	7.58	32.66	87.3	6.9	5.4	7.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:50:53	5.5	Bottom	3	1	17.22	7.58	32.61	87.1	6.88	5.4	7.1
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10A	13:50:25	5.5	Bottom	3	2	17.23	7.58	32.6	87.2	6.89	5.3	7.3
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10B	14:06:05	1.0	Surface	1	1	17.2	7.58	32.64	86.9	6.87	5.1	4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10B	14:05:43	1.0	Surface	1	2	17.22	7.58	32.61	87	6.88	5.2	5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10B	14:05:31	4.3	Bottom	3	1	17.19	7.58	32.66	86.9	6.87	5.2	5.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	SR10B	14:05:54	4.3	Bottom	3	2	17.19	7.58	32.67	86.9	6.87	5.1	5.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:46:41	1.0	Surface	1	1	17.49	8.14	31.31	92	7.29	12	8.5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:47:18	1.0	Surface	1	2	17.59	8.13	30.99	90.9	7.21	11.4	7.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:47:05	4.0	Middle	2	1	17.35	8.17	31.97	91.5	7.24	12.3	12.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:46:22	4.0	Middle	2	2	17.36	8.18	32.07	92.6	7.33	12.7	12.4
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:46:08	7.0	Bottom	3	1	17.15	8.17	32.37	92.1	7.3	12.4	12.2
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS2	11:46:55	7.0	Bottom	3	2	17.25	8.16	32.18	90.6	7.18	12.8	12.1
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:26:14	1.0	Surface	1	1	17.36	7.59	32.02	89.1	7.05	12.2	11.9
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:25:38	1.0	Surface	1	2	17.35	7.59	32.03	89	7.04	11.7	10.9
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:25:23	6.7	Middle	2	1	17.22	7.58	32.3	88.2	6.99	10	11.5
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:25:57	6.7	Middle	2	2	17.23	7.58	32.27	88.3	6.99	10.5	11.7
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:25:14	12.4	Bottom	3	1	17.25	7.58	32.27	88.9	7.04	10.9	11.6
HKLR	HY/2011/03	2014-03-17	Mid-Ebb	Cloudy	CS(Mf)5	13:25:47	12.4	Bottom	3	2	17.28	7.58	32.19	88.9	7.04	11.5	12.3
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:09:39	1.0	Surface	1	1	17.37	7.6	32.17	93	7.35	8.3	10.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:10:20	1.0	Surface	1	2	17.37	7.6	32.17	92.9	7.34	8.4	10.3
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:10:02	4.4	Middle	2	1	17.37	7.6	32.18	92.6	7.32	8.5	10.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:09:25	4.4	Middle	2	2	17.37	7.6	32.18	92.8	7.33	8.6	8.9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:09:52	7.7	Bottom	3	1	17.37	7.6	32.18	92.6	7.32	8.7	10.6
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS5	8:09:16	7.7	Bottom	3	2	17.37	7.6	32.18	92.8	7.33	8.7	11.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)6	7:59:20	1.0	Surface	1	1	17.34	7.6	32.19	93.7	7.41	7.7	8.5
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)6	7:59:38	1.0	Surface	1	2	17.35	7.6	32.18	93.6	7.4	7.2	9.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)6	7:59:13	2.1	Bottom	3	1	17.32	7.6	32.19	93.9	7.42	8.1	7.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)6	7:59:28	2.1	Bottom	3	2	17.33	7.6	32.19	93.5	7.4	7.6	8.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS7	7:52:09	1.0	Surface	1	1	17.35	7.6	32.17	93.6	7.4	8.3	9.5
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS7	7:51:54	1.0	Surface	1	2	17.35	7.6	32.17	94	7.43	7.9	10.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS7	7:51:47	2.3	Bottom	3	1	17.35	7.6	32.17	94.3	7.46	8.2	8.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS7	7:52:02	2.3	Bottom	3	2	17.34	7.6	32.17	93.7	7.41	8.4	11.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS8	7:24:23	1.0	Surface	1	1	17.2	7.58	32.12	91.5	7.26	8.7	10.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS8	7:24:37	1.0	Surface	1	2	17.2	7.58	32.13	91.2	7.23	9.2	10.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS8	7:24:31	2.7	Bottom	3	1	17.2	7.58	32.13	91.3	7.24	9.2	9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS8	7:24:15	2.7	Bottom	3	2	17.2	7.58	32.13	92.1	7.3	8.6	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	2014-03-17	Mid-Flood	Cloudy	IS(Mf)9	7:45:31	1.0	Surface	1	1	17.35	7.58	32.14	91.9	7.27	14.3	13.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)9	7:45:10	1.0	Surface	1	2	17.35	7.58	32.14	92.4	7.31	14.6	12.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)9	7:45:02	2.5	Bottom	3	1	17.35	7.58	32.14	92.6	7.32	15.3	12
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS(Mf)9	7:45:20	2.5	Bottom	3	2	17.35	7.58	32.14	92.1	7.28	15	13.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:26:36	1.0	Surface	1	1	17.24	8.11	32.52	89.8	7.1	17.4	24.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:27:14	1.0	Surface	1	2	17.24	8.11	32.52	89.6	7.08	17.4	25.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:27:04	5.5	Middle	2	1	17.24	8.11	32.53	89.4	7.06	17.5	23.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:26:23	5.5	Middle	2	2	17.24	8.11	32.53	89.6	7.09	17.7	24.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:26:51	9.9	Bottom	3	1	17.24	8.11	32.53	89.4	7.06	18.5	23.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	IS10	7:26:13	9.9	Bottom	3	2	17.24	8.11	32.53	89.7	7.09	17.7	25.3
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR3	8:21:18	0.8	Middle	2	1	17.37	7.6	32.17	92.9	7.34	8.3	12.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR3	8:21:12	0.8	Middle	2	2	17.38	7.6	32.16	92.9	7.34	7.8	11.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR4	7:32:13	1.0	Surface	1	1	17.2	7.58	32.13	90.6	7.18	10.8	9.6
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR4	7:31:58	1.0	Surface	1	2	17.2	7.58	32.13	90.4	7.17	10.5	9.6
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR4	7:32:05	2.7	Bottom	3	1	17.2	7.58	32.13	90.5	7.18	9.9	10.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR4	7:31:49	2.7	Bottom	3	2	17.2	7.58	32.14	90.5	7.18	10.7	11.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR5	7:35:33	1.0	Surface	1	1	17.24	8.11	32.52	89.7	7.09	16.9	21.3
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR5	7:36:02	1.0	Surface	1	2	17.24	8.11	32.52	89.5	7.08	16.8	20.9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR5	7:35:22	4.0	Bottom	3	1	17.24	8.11	32.53	89.5	7.07	16.8	22
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR5	7:35:52	4.0	Bottom	3	2	17.24	8.11	32.53	89.5	7.07	16.6	23.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:28:00	1.0	Surface	1	1	17.11	7.52	32.62	86.4	6.85	7.5	11.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:27:23	1.0	Surface	1	2	17.1	7.51	32.65	86.6	6.86	7.3	11.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:27:51	3.4	Middle	2	1	17.11	7.52	32.65	86.3	6.84	7.7	10.9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:27:11	3.4	Middle	2	2	17.11	7.51	32.65	86.5	6.85	7.5	12.9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:27:37	5.7	Bottom	3	1	17.11	7.51	32.66	86.3	6.83	7.8	11.3
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10A	6:27:02	5.7	Bottom	3	2	17.11	7.51	32.65	86.5	6.85	7.4	11.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10B	6:12:41	1.0	Surface	1	1	17.08	7.46	32.71	86.1	6.82	8.4	10.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10B	6:12:30	1.0	Surface	1	2	17.08	7.46	32.69	86.3	6.84	8.4	10.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10B	6:12:36	4.2	Bottom	3	1	17.08	7.46	32.71	86.1	6.82	8.5	11.5
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	SR10B	6:12:19	4.2	Bottom	3	2	17.08	7.45	32.69	86.3	6.84	8.6	10.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:56:39	1.0	Surface	1	1	17.29	8.11	32.27	89.3	7.06	14.1	23.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:57:17	1.0	Surface	1	2	17.28	8.11	32.28	89.2	7.06	14.2	22.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:57:06	4.2	Middle	2	1	17.26	8.11	32.4	89	7.04	14.2	23.5
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:56:28	4.2	Middle	2	2	17.25	8.11	32.43	89	7.04	14.1	23.4
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:56:20	7.3	Bottom	3	1	17.26	8.11	32.44	88.9	7.03	14.2	26.1
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS2	8:56:55	7.3	Bottom	3	2	17.26	8.11	32.44	88.9	7.03	14.6	24.7
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:54:32	1.0	Surface	1	1	17.28	7.56	31.89	88.9	7.05	14	9.9
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:53:40	1.0	Surface	1	2	17.28	7.56	31.85	89.4	7.09	13.9	9.6
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:54:18	6.9	Middle	2	1	17.2	7.55	32.25	88.4	7	15	9.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:53:20	6.9	Middle	2	2	17.2	7.55	32.26	88.3	7	15.2	8.8
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:53:56	12.7	Bottom	3	1	17.21	7.55	32.23	88.8	7.04	16.3	10.2
HKLR	HY/2011/03	2014-03-17	Mid-Flood	Cloudy	CS(Mf)5	6:53:10	12.7	Bottom	3	2	17.2	7.54	32.25	88.7	7.03	16.6	8.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:01:39	1.0	Surface	1	1	18.5	7.88	31.65	90.9	7.05	25.1	26.3
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:02:13	1.0	Surface	1	2	18.42	7.9	31.63	90.7	7.05	25.1	26.1
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:01:59	4.2	Middle	2	1	18.52	7.89	31.72	90.5	7.02	25.3	31.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:01:31	4.2	Middle	2	2	18.55	7.87	31.74	90.9	7.04	25.6	33.1
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:01:23	7.4	Bottom	3	1	18.52	7.87	31.73	91.1	7.06	25.2	34.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS5	13:01:50	7.4	Bottom	3	2	18.5	7.89	31.73	90.6	7.03	25.8	33.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)6	13:08:37	1.0	Surface	1	1	19.06	7.87	31.98	91.8	7.03	12.8	27
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)6	13:08:09	1.0	Surface	1	2	19.09	7.87	31.94	92.3	7.07	12.1	28
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)6	13:08:27	2.1	Bottom	3	1	18.75	7.87	31.97	91.4	7.05	13.7	26.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)6	13:07:58	2.1	Bottom	3	2	18.93	7.86	31.94	92	7.07	13.3	28.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS7	13:15:00	1.0	Surface	1	1	19.7	7.86	31.54	95.1	7.22	10.1	7.3
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS7	13:14:40	1.0	Surface	1	2	19.68	7.87	31.54	95.2	7.23	10.2	6.7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS7	13:14:48	2.1	Bottom	3	1	19.05	7.87	31.67	94	7.22	10.6	6.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS7	13:14:27	2.1	Bottom	3	2	18.97	7.88	31.74	93.9	7.22	10.4	6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS8	13:38:39	1.0	Surface	1	1	18.79	7.84	30.99	90.3	7	6.5	7.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS8	13:38:58	1.0	Surface	1	2	18.8	7.85	31.01	90.3	6.99	6.8	5.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS8	13:38:46	2.8	Bottom	3	1	18.6	7.85	31.47	90	6.98	7.5	5.7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS8	13:38:27	2.8	Bottom	3	2	18.58	7.84	31.46	90	6.98	7.7	6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)9	13:20:35	1.0	Surface	1	1	19.1	7.85	31.55	93.6	7.19	10.2	6.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)9	13:20:18	1.0	Surface	1	2	19.02	7.84	31.6	93.4	7.18	10.3	5.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)9	13:20:07	2.5	Bottom	3	1	18.56	7.84	31.8	92.5	7.16	10.4	6.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS(Mf)9	13:20:25	2.5	Bottom	3	2	18.87	7.85	31.66	92.8	7.15	10.6	8.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:02:55	1.0	Surface	1	1	18.43	8.08	30.87	87.2	6.81	22	9.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:03:21	1.0	Surface	1	2	18.42	8.08	30.85	87.1	6.8	21.8	9.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:03:13	5.7	Middle	2	1	18.18	8.08	31.13	86.5	6.77	25.5	11.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:02:50	5.7	Middle	2	2	18.21	8.08	31.09	86.5	6.77	25.2	11
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:02:42	10.3	Bottom	3	1	18.16	8.08	31.16	86.4	6.76	27.1	17.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	IS10	14:03:06	10.3	Bottom	3	2	18.29	8.08	31.04	86.5	6.76	27.4	18.7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR3	12:51:21	0.9	Middle	2	1	18.29	7.82	31.55	91.1	7.1	22.2	36.3
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR3	12:51:11	0.9	Middle	2	2	18.35	7.81	31.55	91.3	7.11	21.9	37.1
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR4	13:32:36	1.0	Surface	1	1	18.71	7.84	31.15	90.3	7	12.1	6.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR4	13:32:22	1.0	Surface	1	2	18.63	7.83	31.17	90.3	7.01	12.6	5.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR4	13:32:14	2.7	Bottom	3	1	18.55	7.83	31.52	90.1	6.99	12.4	8.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR4	13:32:28	2.7	Bottom	3	2	18.58	7.83	31.44	90.1	6.99	12.5	8.1
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR5	13:51:53	1.0	Surface	1	1	18.72	8.06	30.59	87.3	6.79	10.8	8.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR5	13:52:08	1.0	Surface	1	2	18.82	8.06	30.53	87.3	6.77	10.4	9.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR5	13:51:47	4.5	Bottom	3	1	18.72	8.06	30.59	87	6.77	11.1	7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR5	13:51:59	4.5	Bottom	3	2	18.81	8.06	30.54	87.2	6.77	11.6	9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:57:48	1.0	Surface	1	1	18.4	7.88	31.87	88.2	6.85	5	4.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:57:09	1.0	Surface	1	2	18.32	7.87	31.91	88	6.84	5	4.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:56:58	3.2	Middle	2	1	18.26	7.87	31.95	87.8	6.83	5.1	5.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:57:37	3.2	Middle	2	2	18.31	7.88	31.92	87.7	6.82	5.3	6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:57:24	5.4	Bottom	3	1	18.24	7.88	31.95	87.7	6.83	5	5.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10A	14:56:50	5.4	Bottom	3	2	18.29	7.87	31.92	87.9	6.83	5	4.7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10B	15:07:22	1.0	Surface	1	1	18.34	7.88	31.9	88	6.84	5.4	6.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10B	15:07:06	1.0	Surface	1	2	18.35	7.88	31.89	88.1	6.85	5.2	5.9
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10B	15:07:14	4.1	Bottom	3	1	18.33	7.88	31.9	88	6.84	5.3	5.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	SR10B	15:06:57	4.1	Bottom	3	2	18.34	7.88	31.9	88.1	6.84	5.2	6.8
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:01:44	1.0	Surface	1	1	18.88	8.02	30.55	89.8	6.96	22.9	11.3
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:02:41	1.0	Surface	1	2	18.27	8.08	30.97	89.8	7.02	23.1	11.4
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:02:34	4.2	Middle	2	1	17.97	8.09	31.27	89.1	7	24.8	11.6
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:01:30	4.2	Middle	2	2	17.97	8.06	31.28	89.4	7.02	24.6	12.7
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:01:17	7.3	Bottom	3	1	17.92	8.04	31.37	89.2	7.01	26	14.5
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS2	13:02:25	7.3	Bottom	3	2	17.92	8.09	31.36	88.9	6.98	26.2	14.5
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:28:51	1.0	Surface	1	1	18.35	7.87	31.17	87.6	6.83	16	12.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:28:16	1.0	Surface	1	2	18.39	7.86	31.13	87.7	6.84	16	13
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:28:03	6.0	Middle	2	1	18.23	7.86	31.29	87.1	6.81	15.8	19.2
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:28:41	6.0	Middle	2	2	18.25	7.87	31.26	87.2	6.81	16	17.5
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:27:55	11.0	Bottom	3	1	18.29	7.86	31.24	87.3	6.82	15.4	18.3
HKLR	HY/2011/03	2014-03-19	Mid-Ebb	Sunny	CS(Mf)5	14:28:28	11.0	Bottom	3	2	18.27	7.87	31.25	87.1	6.8	15.9	18.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:12:13	1.0	Surface	1	1	18.34	7.94	31.7	91.5	7.11	10.6	11.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:11:35	1.0	Surface	1	2	18.35	7.93	31.7	91.6	7.12	10.2	10.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:11:25	4.4	Middle	2	1	18.31	7.93	31.72	91.3	7.11	10.9	10.3
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:12:03	4.4	Middle	2	2	18.31	7.93	31.72	91.3	7.1	10.6	11.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:11:51	7.8	Bottom	3	1	18.32	7.93	31.72	91.3	7.11	10.7	11.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS5	9:11:17	7.8	Bottom	3	2	18.32	7.93	31.72	91.3	7.1	10.5	11.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)6	9:05:26	1.0	Surface	1	1	18.39	7.92	31.7	92.2	7.17	12.3	14.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)6	9:05:05	1.0	Surface	1	2	18.38	7.92	31.7	92.2	7.17	11.6	15.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)6	9:05:14	2.3	Bottom	3	1	18.38	7.92	31.71	92.1	7.16	11.2	15.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)6	9:04:56	2.3	Bottom	3	2	18.38	7.92	31.7	92.4	7.18	11.4	15.3
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS7	8:58:16	1.0	Surface	1	1	18.41	7.89	31.54	92.5	7.19	9.8	8.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS7	8:58:38	1.0	Surface	1	2	18.42	7.9	31.53	92.4	7.19	10.1	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	2014-03-19	Mid-Flood	Sunny	IS7	8:58:05	2.3	Bottom	3	1	18.39	7.88	31.61	92.5	7.19	10.2	10.5
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS7	8:58:22	2.3	Bottom	3	2	18.4	7.89	31.58	92.3	7.18	10.2	9.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS8	8:30:31	1.0	Surface	1	1	18.08	7.84	30.89	88.4	6.94	11.3	9.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS8	8:30:16	1.0	Surface	1	2	18.1	7.83	30.86	88.5	6.95	11.4	8.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS8	8:30:23	3.1	Bottom	3	1	18.1	7.83	30.9	88.3	6.94	11.4	8.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS8	8:30:06	3.1	Bottom	3	2	18.07	7.82	30.95	88.5	6.95	11.4	8.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)9	8:52:15	1.0	Surface	1	1	18.2	7.86	31.37	90.7	7.09	8.9	11.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)9	8:52:32	1.0	Surface	1	2	18.18	7.87	31.38	90.6	7.09	8.4	9.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)9	8:52:24	2.7	Bottom	3	1	18.18	7.86	31.4	90.6	7.08	8.5	9.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS(Mf)9	8:52:05	2.7	Bottom	3	2	18.18	7.86	31.46	90.7	7.09	8.7	9.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:17:28	1.0	Surface	1	1	18.12	8.06	31.29	86.7	6.79	23.1	25.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:16:56	1.0	Surface	1	2	18.09	8.06	31.35	86.7	6.79	23.4	24.2
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:17:19	5.8	Middle	2	1	18.1	8.06	31.33	86.7	6.79	25.4	25
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:16:50	5.8	Middle	2	2	18.07	8.06	31.4	86.6	6.78	25.6	24.5
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:16:38	10.6	Bottom	3	1	18.06	8.06	31.45	86.5	6.78	27.5	25
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	IS10	8:17:10	10.6	Bottom	3	2	18.08	8.06	31.38	86.5	6.78	27.1	26.3
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR3	9:18:09	0.8	Middle	2	1	18.35	7.93	31.69	91.9	7.15	10.1	11.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR3	9:18:01	0.8	Middle	2	2	18.35	7.93	31.69	91.9	7.15	10.1	10.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR4	8:36:16	1.0	Surface	1	1	18.15	7.84	30.88	88.2	6.92	10.6	9.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR4	8:36:36	1.0	Surface	1	2	18.13	7.85	30.93	87.8	6.89	10.1	10.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR4	8:36:24	2.7	Bottom	3	1	18.14	7.85	30.87	88	6.9	10.5	10.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR4	8:36:05	2.7	Bottom	3	2	18.14	7.84	30.82	88.3	6.93	10.5	9.2
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR5	8:27:37	1.0	Surface	1	1	18.12	8.07	31.29	87	6.81	20.3	26.5
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR5	8:27:48	1.0	Surface	1	2	18.12	8.07	31.29	86.9	6.81	20.5	27.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR5	8:27:31	4.5	Bottom	3	1	18.12	8.07	31.29	87	6.81	20.9	27.2
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR5	8:27:42	4.5	Bottom	3	2	18.12	8.07	31.29	86.9	6.81	20.8	26.5
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:33:11	1.0	Surface	1	1	17.8	7.85	31.45	86.7	6.82	7.4	8.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:32:39	1.0	Surface	1	2	17.81	7.84	31.43	86.9	6.84	7	8.5
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:33:02	3.3	Middle	2	1	17.77	7.85	31.55	86.5	6.81	7.5	8.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:32:25	3.3	Middle	2	2	17.77	7.82	31.55	86.6	6.82	7.3	8.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:32:52	5.5	Bottom	3	1	17.76	7.84	31.61	86.5	6.81	7.6	8.6
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10A	7:32:15	5.5	Bottom	3	2	17.75	7.81	31.66	86.6	6.81	7.6	8.7
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10B	7:27:11	1.0	Surface	1	1	17.59	7.74	32.1	85.8	6.76	8	10.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10B	7:26:51	1.0	Surface	1	2	17.59	7.73	32.08	85.9	6.76	8.1	10.3
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10B	7:26:42	4.2	Bottom	3	1	17.59	7.73	32.08	85.8	6.75	8.1	11
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	SR10B	7:26:58	4.2	Bottom	3	2	17.59	7.74	32.09	85.7	6.75	7.9	12.4
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:16:02	1.0	Surface	1	1	18.17	8.08	31.22	87.2	6.83	24.2	8.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:16:31	1.0	Surface	1	2	18.19	8.08	31.05	87.2	6.83	24	9.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:15:56	4.1	Middle	2	1	18.17	8.08	31.42	87.1	6.81	25	9.3
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:16:23	4.1	Middle	2	2	18.17	8.08	31.4	87	6.8	25.4	9.8
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:15:48	7.2	Bottom	3	1	18.17	8.07	31.42	87	6.8	26.6	8.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS2	9:16:14	7.2	Bottom	3	2	18.17	8.07	31.38	86.8	6.79	26.2	9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:01:51	1.0	Surface	1	1	18.06	7.82	30.86	87.2	6.85	11.4	7.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:01:10	1.0	Surface	1	2	18.02	7.81	30.91	87	6.84	11.5	7.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:01:35	6.4	Middle	2	1	17.82	7.82	31.44	86.2	6.78	11.5	8.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:01:00	6.4	Middle	2	2	17.89	7.81	31.23	86.5	6.81	11.7	9.1
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:00:46	11.7	Bottom	3	1	17.79	7.81	31.64	86.3	6.79	11.5	8.9
HKLR	HY/2011/03	2014-03-19	Mid-Flood	Sunny	CS(Mf)5	8:01:25	11.7	Bottom	3	2	17.82	7.82	31.57	86.2	6.78	11.7	8.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:53:28	1.0	Surface	1	1	18.59	8.05	30.5	86.8	6.77	8	21.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:54:54	1.0	Surface	1	2	18.59	8.05	30.49	86.9	6.78	8.1	21.4
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:54:30	5.2	Middle	2	1	18.53	8.04	30.99	85.9	6.69	8.7	23.6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:53:04	5.2	Middle	2	2	18.53	8.04	30.98	85.7	6.67	8.5	23.9
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:54:09	9.4	Bottom	3	1	18.49	8.04	31.1	86.2	6.71	9.9	26.6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS5	15:52:47	9.4	Bottom	3	2	18.48	8.04	31.11	86.1	6.7	10	26.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)6	15:43:02	1.0	Surface	1	1	18.6	8.04	30.53	88	6.86	8	8.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)6	15:43:49	1.0	Surface	1	2	18.59	8.04	30.51	88.1	6.87	8.2	8.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)6	15:42:38	3.2	Bottom	3	1	18.58	8.04	30.57	88.8	6.91	8.3	12.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)6	15:43:24	3.2	Bottom	3	2	18.58	8.04	30.58	88.6	6.9	8.6	11.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS7	14:36:37	1.0	Surface	1	1	18.52	8.01	30.63	88.2	6.88	8	6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS7	14:35:33	1.0	Surface	1	2	18.52	7.99	30.67	87.9	6.86	8.3	6.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS7	14:36:17	4.0	Bottom	3	1	18.48	8	30.97	87.5	6.82	8.6	6.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS7	14:35:01	4.0	Bottom	3	2	18.47	7.98	31.01	87.9	6.85	8.8	6.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS8	14:35:59	1.0	Surface	1	1	18.42	7.99	31.11	87.3	6.8	8.2	6.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS8	14:34:40	1.0	Surface	1	2	18.44	7.98	31.14	87.4	6.81	8.3	6.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS8	9:28:29	1.0	Bottom	3	1	18.74	8.06	31.02	87.8	6.81	14.9	6.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS8	9:27:28	1.0	Bottom	3	2	18.74	8.06	31.02	88	6.83	14.3	6.9
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)9	9:28:11	1.0	Surface	1	1	18.74	8.06	31.03	87.2	6.76	17.2	6.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)9	9:27:12	1.0	Surface	1	2	18.74	8.06	31.03	87.5	6.78	16.9	8.4
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)9	9:27:46	9.4	Bottom	3	1	18.71	8.06	31.09	87.3	6.77	19.9	7.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS(Mf)9	9:26:53	9.4	Bottom	3	2	18.72	8.06	31.07	87.6	6.79	19.3	8.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	9:37:04	1.0	Surface	1	1	18.75	8.06	30.99	88	6.82	14.6	11.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	9:36:21	1.0	Surface	1	2	18.75	8.06	30.99	87.9	6.81	14.2	11.6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	9:36:44	1.1	Middle	2	1	18.75	8.06	31	87.9	6.81	14.9	12.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	9:35:59	1.1	Middle	2	2	18.75	8.06	31	87.7	6.8	14.7	10.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	10:46:14	1.1	Bottom	3	1	18.47	8.06	31.01	85.5	6.66	17.1	14.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	IS10	10:47:21	1.1	Bottom	3	2	18.47	8.06	31.01	85.3	6.65	17.2	14.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR3	10:46:59	4.1	Middle	2	1	18.48	8.05	31.12	85.1	6.63	18.7	15.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR3	10:45:54	4.1	Middle	2	2	18.47	8.06	31.11	85.4	6.65	18.4	15.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR4	10:46:37	1.0	Surface	1	1	18.49	8.05	31.13	85.1	6.63	18.6	10.4
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR4	10:45:34	1.0	Surface	1	2	18.48	8.06	31.13	85.7	6.67	18.9	12.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR4	14:27:43	1.1	Bottom	3	1	18.8	8.1	31.32	89.7	6.93	14	12.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR4	14:27:12	1.1	Bottom	3	2	18.81	8.1	31.34	89.9	6.95	14.9	13.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR5	14:27:33	1.0	Surface	1	1	18.82	8.1	31.35	89.6	6.93	13.8	13.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR5	14:27:04	1.0	Surface	1	2	18.81	8.1	31.36	90	6.95	14.6	14.6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR5	14:26:52	7.9	Bottom	3	1	18.81	8.1	31.37	90.1	6.96	14.8	14.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR5	14:27:23	7.9	Bottom	3	2	18.81	8.1	31.35	89.7	6.93	14.3	14.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:40:22	1.0	Surface	1	1	19.01	8.08	31.3	92.1	7.09	9.7	11.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:40:37	1.0	Surface	1	2	19.03	8.08	31.33	91.6	7.05	9.6	11.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:40:29	1.0	Middle	2	1	19.05	8.08	31.4	91.9	7.07	10	12.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:40:14	1.0	Middle	2	2	19.06	8.08	31.44	92.8	7.13	10.1	12.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:56:36	1.0	Bottom	3	1	18.76	8.06	30.65	90.2	7.01	9.2	11.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10A	14:56:59	1.0	Bottom	3	2	18.72	8.06	30.67	90.6	7.04	9.5	12
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10B	14:56:26	1.0	Surface	1	1	18.99	8.05	31.49	90.7	6.98	12.3	11.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10B	14:56:45	1.0	Surface	1	2	18.92	8.05	31.53	90.8	6.99	13	11.9
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10B	15:25:34	1.0	Bottom	3	1	18.6	8.03	30.48	88	6.86	7.7	12.4
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	SR10B	15:25:18	1.0	Bottom	3	2	18.6	8.03	30.48	88.9	6.93	7.5	12.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:25:25	1.0	Surface	1	1	18.6	8.03	30.49	88.3	6.89	7.5	13.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:25:09	1.0	Surface	1	2	18.61	8.02	30.49	89.6	6.98	7.3	12.9
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:06:00	2.2	Middle	2	1	18.75	8.05	30.63	90.9	7.06	15	12.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:06:19	2.2	Middle	2	2	18.78	8.05	30.68	90.7	7.04	15.7	13.1
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:06:10	3.3	Bottom	3	1	18.85	8.05	30.92	91	7.04	18.6	15
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS2	15:05:50	3.3	Bottom	3	2	18.81	8.05	30.88	91.2	7.06	19.8	15.5
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	14:15:02	1.0	Surface	1	1	18.82	8.1	31.56	91.9	7.09	11.2	12.6
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	14:14:51	1.0	Surface	1	2	18.83	8.1	31.56	92.8	7.16	11.2	12.8
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	15:17:47	2.2	Middle	2	1	18.71	8.04	30.54	89.5	6.97	10	11.3
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	15:17:27	2.2	Middle	2	2	18.69	8.03	30.54	90.2	7.02	9.5	12.7
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	15:17:13	3.3	Bottom	3	1	18.8	8.03	30.86	91.4	7.08	12.1	12.2
HKLR	HY/2011/03	2014-03-21	Mid-Ebb	Sunny	CS(Mf)5	15:17:36	3.3	Bottom	3	2	18.82	8.04	30.87	90.1	6.98	11.8	12
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:20:55	1.0	Surface	1	1	17.9	8.09	32.28	86.2	6.74	5.2	15.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:21:37	1.0	Surface	1	2	17.91	8.07	32.24	86	6.72	4.8	15.9
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:21:27	3.3	Middle	2	1	17.9	8.06	32.29	85.8	6.71	4.8	15.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:20:47	3.3	Middle	2	2	17.88	8.09	32.33	86.2	6.74	5.3	16.4
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:21:19	5.5	Bottom	3	1	17.9	8.04	32.3	85.9	6.71	4.8	15.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS5	16:20:39	5.5	Bottom	3	2	17.87	8.09	32.36	86.3	6.75	5.3	16.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)6	16:37:25	1.0	Surface	1	1	17.91	8.08	32.28	86.8	6.79	6.2	11.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)6	16:36:47	1.0	Surface	1	2	17.94	8.08	32.2	91.7	7.17	6.2	11.4
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)6	16:37:04	4.4	Bottom	3	1	17.9	8.08	32.33	88.2	6.9	8.8	13.5
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)6	16:36:36	4.4	Bottom	3	2	17.91	8.07	32.27	95.7	7.48	8.1	12.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS7	15:56:22	1.0	Surface	1	1	18.4	8.06	31.02	87.3	6.81	6.8	18
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS7	15:56:54	1.0	Surface	1	2	18.35	8.07	31.09	87	6.79	6.6	19.7
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS7	15:56:44	6.7	Bottom	3	1	18.21	8.07	31.5	86.4	6.75	6.2	21.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS7	15:56:05	6.7	Bottom	3	2	18.17	8.06	31.6	86.3	6.74	5.8	19.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS8	15:55:55	1.0	Surface	1	1	18.24	8.06	31.49	86.7	6.76	6.1	13.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS8	15:56:36	1.0	Surface	1	2	18.22	8.06	31.51	86.8	6.77	6.4	13.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS8	10:12:05	1.0	Bottom	3	1	19.12	8.05	31.08	90.6	6.97	9.6	16.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS8	10:12:44	1.0	Bottom	3	2	19.11	8.05	31.08	90.4	6.96	9.4	16.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)9	10:12:33	1.0	Surface	1	1	19.11	8.04	31.09	90.3	6.95	10.1	20.4
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)9	10:11:50	1.0	Surface	1	2	19.11	8.05	31.09	90.5	6.97	10.4	18.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)9	10:12:20	7.7	Bottom	3	1	19.11	8.05	31.09	90.4	6.96	9.7	23.5
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS(Mf)9	10:11:38	7.7	Bottom	3	2	19.11	8.05	31.09	90.6	6.98	10.1	23.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	10:02:30	1.0	Surface	1	1	18.95	8.04	30.87	92.1	7.12	9	15.7
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	10:02:46	1.0	Surface	1	2	19.02	8.04	30.92	91.5	7.06	9.2	15.7
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	10:02:39	1.1	Middle	2	1	19.09	8.04	31.09	92	7.08	9.6	16.7
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	10:02:20	1.1	Middle	2	2	19.09	8.04	31.09	92.8	7.15	9.9	16.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	9:54:35	1.1	Bottom	3	1	19.13	8.04	31.14	92.1	7.08	13.8	17.5
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	IS10	9:54:19	1.1	Bottom	3	2	19.07	8.04	31.12	92.9	7.15	13.6	18.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR3	9:54:08	2.4	Middle	2	1	19.05	8.04	31.12	93.9	7.23	11.3	17.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR3	9:54:26	2.4	Middle	2	2	19.12	8.04	31.15	92.4	7.11	12.1	18.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR4	9:28:34	1.0	Surface	1	1	18.51	7.96	30.35	89.1	6.96	8.7	13
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR4	9:28:16	1.0	Surface	1	2	18.5	7.96	30.35	89.8	7.02	8.8	12.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR4	9:28:25	2.8	Bottom	3	1	18.5	7.96	30.35	89.3	6.98	8.8	22.5
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR4	9:28:07	2.8	Bottom	3	2	18.5	7.96	30.35	90.2	7.06	8.4	23.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR5	9:47:57	1.0	Surface	1	1	18.84	7.98	30.64	90.8	7.04	12.3	8.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR5	9:47:14	1.0	Surface	1	2	18.83	8.02	30.62	92.2	7.15	12.7	9.9
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR5	9:47:08	2.5	Bottom	3	1	18.83	8.02	30.64	92.7	7.19	13.6	12.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR5	9:47:52	2.5	Bottom	3	2	18.84	7.97	30.65	91	7.06	14.1	12.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	10:25:47	1.0	Surface	1	1	19.11	8.02	31.08	90.7	6.98	9.3	13.5
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	10:25:55	1.0	Surface	1	2	19.11	8.03	31.08	90.6	6.97	9	13.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	9:37:24	2	Middle	2	1	18.5	7.95	30.36	91.8	7.18	8.4	13.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	9:36:28	2	Middle	2	2	18.5	7.93	30.35	88.8	6.94	8.3	14.4
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	9:37:19	3	Bottom	3	1	18.51	7.95	30.4	93.4	7.3	8.1	18.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10A	9:36:19	3	Bottom	3	2	18.5	7.93	30.37	89.3	6.98	8.6	16.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10B	8:31:57	1.0	Surface	1	1	17.95	7.89	31.98	85.7	6.7	5.1	11
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10B	8:32:26	1.0	Surface	1	2	17.98	7.9	31.93	85.4	6.68	5.3	11.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10B	8:31:48	3.4	Bottom	3	1	17.95	7.9	32.03	85.5	6.69	5.7	13.7
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	SR10B	8:32:18	3.4	Bottom	3	2	17.96	7.9	32	85.3	6.67	5.4	13.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:31:34	1.0	Surface	1	1	17.96	7.89	32.02	85.8	6.71	5.9	22.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:32:09	1.0	Surface	1	2	17.95	7.9	32.04	85.3	6.67	5.3	22.4
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:17:13	2.6	Middle	2	1	17.88	7.89	32.06	87.1	6.82	5.6	29.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:17:28	2.6	Middle	2	2	17.88	7.89	32.09	86.6	6.78	5.6	28.6
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:17:05	4.2	Bottom	3	1	17.88	7.88	32.05	87.6	6.86	5.7	29
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS2	8:17:19	4.2	Bottom	3	2	17.88	7.89	32.08	86.8	6.8	5.6	27.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	9:01:01	1.0	Surface	1	1	18.17	7.95	31.09	87.1	6.82	6.3	5.8
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	9:00:11	1.0	Surface	1	2	18.18	7.94	31.19	86.4	6.76	5.9	6.2
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	8:59:56	6.9	Middle	2	1	18.09	7.95	31.82	85.7	6.69	9.2	6.1
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	9:00:37	6.9	Middle	2	2	18.09	7.95	31.82	85.5	6.68	8.6	7.9
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	9:00:28	12.7	Bottom	3	1	18.09	7.95	31.83	85.8	6.7	8.6	8.3
HKLR	HY/2011/03	2014-03-21	Mid-Flood	Sunny	CS(Mf)5	8:59:40	12.7	Bottom	3	2	18.1	7.94	31.8	86.6	6.76	8.2	9.9
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:47:42	1.0	Surface	1	1	19.2	7.94	31.59	98.2	7.51	8	7.5
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:46:52	1.0	Surface	1	2	19.17	7.93	31.55	98	7.5	8.3	6.9
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:46:44	4.6	Middle	2	1	19.07	7.91	31.62	97.4	7.47	9.3	7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:47:31	4.6	Middle	2	2	19.07	7.95	31.65	97.3	7.46	9.3	8
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:46:32	8.1	Bottom	3	1	18.97	7.91	31.65	97	7.45	9.5	8
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS5	17:47:16	8.1	Bottom	3	2	18.98	7.93	31.69	97	7.45	9.2	9.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)6	17:57:00	1.0	Surface	1	1	19.22	7.92	31.42	97.7	7.48	7.7	7.6
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)6	17:56:25	1.0	Surface	1	2	19.14	7.89	31.46	96.8	7.42	7.5	7.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)6	17:56:17	2.4	Bottom	3	1	19.02	7.87	31.52	95.7	7.34	9	7.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)6	17:56:49	2.4	Bottom	3	2	18.99	7.92	31.52	96.6	7.42	8.8	7.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS7	18:04:13	1.0	Surface	1	1	19.42	7.91	31.34	100	7.63	6.4	8.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS7	18:03:48	1.0	Surface	1	2	19.46	7.9	31.32	99.8	7.61	6.3	9.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS7	18:03:40	2.4	Bottom	3	1	19.5	7.9	31.32	99.5	7.58	6.6	7.9
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS7	18:04:08	2.4	Bottom	3	2	19.37	7.92	31.32	99.7	7.61	6.7	7.8
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS8	18:30:02	1.0	Surface	1	1	18.81	7.88	31.38	95.4	7.36	7.3	8.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS8	18:30:28	1.0	Surface	1	2	18.83	7.89	31.36	95.6	7.38	7.6	8.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS8	18:29:54	2.5	Bottom	3	1	18.67	7.88	31.32	94.7	7.33	7.8	9.9
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS8	18:30:18	2.5	Bottom	3	2	18.67	7.9	31.3	95.2	7.36	8	9
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)9	18:14:11	1.0	Surface	1	1	18.97	7.92	31.27	98.3	7.56	21.6	13.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)9	18:13:41	1.0	Surface	1	2	18.95	7.91	31.26	98	7.55	21.8	14.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)9	18:13:33	2.4	Bottom	3	1	18.96	7.92	31.27	97.6	7.51	22.6	12.6
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS(Mf)9	18:14:04	2.4	Bottom	3	2	18.94	7.93	31.26	98	7.54	22.7	14.6
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	17:35:44	1.0	Surface	1	1	19.2	7.86	31.46	97.1	7.43	7.5	6.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	17:35:48	1.0	Surface	1	2	19.21	7.85	31.48	97.6	7.47	7.1	6.6
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	18:24:04	1.7	Middle	2	1	19.85	7.93	31.27	103.1	7.81	4.5	11.7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	18:24:22	1.7	Middle	2	2	19.79	7.93	31.27	102.3	7.76	4.3	11.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	18:23:55	2.4	Bottom	3	1	19.98	7.94	31.22	103.4	7.81	4.8	10.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	IS10	18:24:11	2.4	Bottom	3	2	19.79	7.94	31.28	102.2	7.75	4.7	10.7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR3	19:41:06	1.1	Middle	2	1	18.03	7.91	32.4	88.8	6.91	1.4	8.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR3	19:40:29	1.1	Middle	2	2	18.01	7.91	32.38	88.6	6.9	1.7	9.5
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR4	19:40:20	1.0	Surface	1	1	18	7.89	32.41	88.6	6.9	1.7	5.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR4	19:40:52	1.0	Surface	1	2	18	7.92	32.42	88.4	6.88	1.7	7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR4	19:40:04	5.6	Bottom	3	1	17.97	7.89	32.42	88.4	6.88	1.9	6.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR4	19:40:41	5.6	Bottom	3	2	18.01	7.9	32.43	88.4	6.88	1.9	5.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR5	19:53:16	1.0	Surface	1	1	18.04	7.92	32.42	88.9	6.92	1.6	6.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR5	19:53:00	1.0	Surface	1	2	18.04	7.91	32.42	89	6.92	1.5	6.7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR5	19:52:50	4.6	Bottom	3	1	18.04	7.91	32.41	88.9	6.92	1.7	7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR5	19:53:08	4.6	Bottom	3	2	18.04	7.93	32.42	88.7	6.9	1.7	7.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:14:37	1.0	Surface	1	1	18.38	7.89	31.97	90.6	7.02	4	6.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:15:24	1.0	Surface	1	2	18.4	7.91	31.97	91	7.05	3.9	5.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:15:16	6.8	Middle	2	1	18.37	7.91	32.01	90.6	7.02	4.1	6.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:14:30	6.8	Middle	2	2	18.36	7.88	32.03	90.4	7	4	5.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:15:08	12.5	Bottom	3	1	18.36	7.9	32.08	90.5	7.01	4.6	7.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Fine	SR10A	19:14:21	12.5	Bottom	3	2	18.3	7.88	32.07	89.9	6.97	4.4	6.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	SR10B	12:20:45	1.0	Surface	1	1	18.67	7.95	31.11	96.3	7.46	8.5	7.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	SR10B	12:21:21	1.0	Surface	1	2	18.68	7.95	31.16	96.5	7.48	8.4	6.7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	SR10B	12:21:13	4.7	Bottom	3	1	18.57	7.96	31.19	96	7.45	8.5	8.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	SR10B	12:20:37	4.7	Bottom	3	2	18.65	7.94	31.16	96.1	7.45	8.6	8.8
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:20:26	1.0	Surface	1	1	18.56	7.94	31.14	95.6	7.42	8.9	2.7
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:21:04	1.0	Surface	1	2	18.51	7.95	31.18	95.8	7.45	8.7	4.1
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:14:23	1.8	Middle	2	1	18.86	7.95	31.22	97.3	7.51	8.5	4.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:14:34	1.8	Middle	2	2	18.87	7.95	31.22	97.2	7.5	8.3	4.5
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:14:17	2.5	Bottom	3	1	18.82	7.95	31.17	96.9	7.48	9.8	3.4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS2	12:14:29	2.5	Bottom	3	2	18.91	7.96	31.17	97.1	7.48	9.5	4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	12:08:15	1.0	Surface	1	1	18.69	7.94	31.13	96.4	7.47	10.5	3.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	12:07:51	1.0	Surface	1	2	18.68	7.91	31.11	96.3	7.46	10.6	4
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	12:08:08	1.1	Middle	2	1	18.63	7.94	31.06	96	7.44	11.3	4.6
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	12:07:44	1.1	Middle	2	2	18.61	7.91	31.05	96	7.44	11.4	3.2
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	11:21:17	1.1	Bottom	3	1	18.53	7.92	31.32	92.8	7.2	6.6	5.3
HKLR	HY/2011/03	2014-03-24	Mid-Ebb	Sunny	CS(Mf)5	11:20:52	1.1	Bottom	3	2	18.49	7.9	31.33	92.8	7.21	6.7	4.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	11:20:38	1.0	Surface	1	1	18.49	7.89	31.32	92.7	7.19	7.1	8.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	11:21:01	1.0	Surface	1	2	18.46	7.91	31.33	92.5	7.18	7	9.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	12:02:48	1.8	Middle	2	1	18.72	7.95	31.14	96.3	7.46	11.7	9.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	12:02:30	1.8	Middle	2	2	18.7	7.94	31.14	96.2	7.45	11.9	9.5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	12:02:37	2.5	Bottom	3	1	18.7	7.96	31.12	96	7.43	12.1	8.2
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS5	12:02:17	2.5	Bottom	3	2	18.62	7.95	31.13	96	7.44	12.3	8.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)6	12:31:48	1.0	Surface	1	1	18.65	7.93	31.18	96.8	7.5	9	6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)6	12:31:43	1.0	Surface	1	2	18.69	7.93	31.15	96.8	7.49	9.1	6.7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)6	11:33:42	1.1	Bottom	3	1	18.59	7.92	31.27	92.8	7.2	6.3	7.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)6	11:33:20	1.1	Bottom	3	2	18.59	7.92	31.26	92.9	7.2	6.5	6.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS7	11:33:28	1.0	Surface	1	1	18.51	7.93	31.23	92.5	7.18	6.7	8.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS7	11:33:08	1.0	Surface	1	2	18.47	7.92	31.24	92.7	7.2	6.8	8.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS7	10:21:32	1.1	Bottom	3	1	18.15	8.01	31.94	88.3	6.87	1.5	10
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS7	10:22:48	1.1	Bottom	3	2	18.16	7.98	31.98	88.7	6.91	1.4	9.5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS8	10:21:22	1.0	Surface	1	1	17.99	8	32	87.2	6.81	1.8	4.5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS8	10:22:37	1.0	Surface	1	2	18	7.99	32	87.7	6.84	1.8	5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS8	10:22:24	5.5	Bottom	3	1	17.97	7.98	32.04	87.3	6.82	1.9	5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS8	10:21:10	5.5	Bottom	3	2	17.94	8	32.01	86.9	6.78	2.1	6.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)9	10:11:03	1.0	Surface	1	1	17.83	7.98	32.27	88.4	6.91	2.1	9.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)9	10:11:33	1.0	Surface	1	2	17.82	7.99	32.29	88.4	6.91	2.1	9.8
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)9	10:11:13	4.6	Bottom	3	1	17.81	8	32.29	88.1	6.89	2.3	10.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS(Mf)9	10:10:47	4.6	Bottom	3	2	17.83	7.98	32.26	88.4	6.91	2.2	11.3
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:49:28	1.0	Surface	1	1	18.28	7.93	31.83	89.7	6.97	2.3	6.7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:48:25	1.0	Surface	1	2	18.19	7.92	31.85	89.3	6.95	2.4	6.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:49:15	6.7	Middle	2	1	18.01	7.94	31.87	88.4	6.9	2.6	6.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:48:16	6.7	Middle	2	2	18.03	7.9	31.89	88.4	6.9	2.4	5.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:47:59	12.3	Bottom	3	1	17.97	7.89	32.1	87.8	6.85	3.5	5.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	IS10	10:48:55	12.3	Bottom	3	2	17.98	7.92	32.12	87.8	6.85	3.2	4.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR3	17:44:10	1.0	Middle	2	1	19.09	8.09	31.61	94.5	7.25	3.7	9.2
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR3	17:45:05	1.0	Middle	2	2	19.22	8.1	31.55	94.8	7.26	3.9	9.7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR4	17:44:52	1.0	Surface	1	1	18.57	8.09	31.72	92.7	7.18	4.9	4.7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR4	17:44:00	1.0	Surface	1	2	18.59	8.09	31.72	93	7.2	4.8	5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR4	17:44:39	9.6	Bottom	3	1	18.42	0	31.74	92.8	7.2	4.9	3.7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR4	17:43:46	9.6	Bottom	3	2	18.5	8.09	31.71	93.3	7.24	4.7	3.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR5	17:32:46	1.0	Surface	1	1	19.18	8.09	31.57	96.1	7.36	2.9	4.2
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR5	17:32:22	1.0	Surface	1	2	19.21	8.08	31.55	96.1	7.36	2.7	4.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR5	17:32:32	3.8	Bottom	3	1	19.22	8.08	31.57	96	7.35	2.7	7
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR5	17:32:07	3.8	Bottom	3	2	19.16	8.08	31.6	95.7	7.33	2.9	8
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:17:16	1.0	Surface	1	1	19.02	8.05	31.45	94.2	7.25	4	5.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:16:32	1.0	Surface	1	2	19.03	8.04	31.52	94.2	7.24	4.3	5.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:17:02	4.1	Middle	2	1	18.48	8.05	31.81	92.9	7.2	6	4.3
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:16:19	4.1	Middle	2	2	18.48	8.03	31.88	92.8	7.19	6	4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:16:48	7.1	Bottom	3	1	18.5	8.04	31.81	93.3	7.23	5.5	4.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10A	16:15:51	7.1	Bottom	3	2	18.48	7.99	31.97	92.8	7.19	5.6	4.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10B	11:19:15	1.0	Surface	1	1	18.46	8.08	31.84	91.8	7.12	7.1	4.8
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10B	11:20:17	1.0	Surface	1	2	18.51	8.09	31.83	91.9	7.12	7.8	3.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10B	11:19:04	5.3	Bottom	3	1	18.29	8.08	31.84	91.2	7.1	7.6	3.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	SR10B	11:20:01	5.3	Bottom	3	2	18.29	8.08	31.84	90.8	7.06	7.5	4.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:19:49	1.0	Surface	1	1	18.27	8.08	31.86	90.7	7.06	7.6	4.5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:18:56	1.0	Surface	1	2	18.29	8.08	31.84	91.3	7.1	7.5	4.8
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:31:36	2.4	Middle	2	1	18.51	8.09	31.83	92.4	7.16	5.7	5.3
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:31:51	2.4	Middle	2	2	18.49	8.09	31.83	92.5	7.17	5.5	6.1
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:31:43	3.8	Bottom	3	1	18.49	8.09	31.8	92.4	7.16	5.6	4.4
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS2	11:31:22	3.8	Bottom	3	2	18.35	8.09	31.83	92	7.15	5.5	5.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:51:47	1.0	Surface	1	1	18.62	8.1	31.73	94.5	7.31	3.6	5.5
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:50:54	1.0	Surface	1	2	18.6	8.1	31.73	94.1	7.28	3.6	4.2
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:50:42	4	Middle	2	1	18.48	8.1	31.73	93.6	7.26	4.5	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	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:51:32	4	Middle	2	2	18.53	8.1	31.72	93.9	7.28	4.6	4.9
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:51:22	6.9	Bottom	3	1	18.51	8.1	31.72	93.8	7.27	6.9	6.6
HKLR	HY/2011/03	2014-03-24	Mid-Flood	Sunny	CS(Mf)5	12:50:26	6.9	Bottom	3	2	18.38	8.1	31.74	93.7	7.28	6.7	6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:05:33	1.0	Surface	1	1	20.04	8.03	31.07	98.8	7.47	6.1	8.8
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:04:54	1.0	Surface	1	2	20.04	8.02	31.08	98.8	7.47	6.3	8.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:04:41	4.2	Middle	2	1	20	8.02	31.1	98.4	7.45	6.2	8.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:05:16	4.2	Middle	2	2	19.98	8.03	31.13	98.2	7.44	6.1	9.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:04:30	7.3	Bottom	3	1	19.96	8.02	31.16	98.4	7.45	6.4	9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS5	11:05:07	7.3	Bottom	3	2	19.96	8.02	31.17	98.2	7.44	6.2	10.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)6	10:56:53	1.0	Surface	1	1	20.03	8.02	31.16	99.2	7.5	6.2	2.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)6	10:57:16	1.0	Surface	1	2	20.02	8.01	31.13	99.1	7.5	6.3	2.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)6	10:57:04	2.0	Bottom	3	1	20.04	8.02	31.12	99.2	7.5	6.2	2.4
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)6	10:56:39	2.0	Bottom	3	2	19.96	8.02	31.26	99	7.49	6.2	2.8
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS7	10:50:04	1.0	Surface	1	1	19.73	7.99	30.33	99.6	7.61	3.8	3.2
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS7	10:50:26	1.0	Surface	1	2	19.86	8	30.23	99.7	7.6	3.8	2.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS7	10:50:14	2.1	Bottom	3	1	19.73	7.99	30.51	99.4	7.59	3.8	4.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS7	10:49:49	2.1	Bottom	3	2	19.75	7.99	30.49	99.6	7.6	3.8	5.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS8	10:24:15	1.0	Surface	1	1	19.79	7.98	30.37	98.9	7.55	4.7	3.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS8	10:24:50	1.0	Surface	1	2	19.79	7.98	30.31	99.2	7.57	4.7	5.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS8	10:24:24	3.1	Bottom	3	1	19.78	7.98	30.68	98.9	7.54	4.8	3.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS8	10:24:01	3.1	Bottom	3	2	19.78	7.98	30.9	98.8	7.52	4.7	3.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)9	10:42:35	1.0	Surface	1	1	20.01	8	30.73	100.1	7.59	13.2	6.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)9	10:42:57	1.0	Surface	1	2	20.04	8.01	30.7	100.2	7.6	13.1	5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)9	10:42:25	2.6	Bottom	3	1	19.93	7.99	30.83	99.9	7.58	14.9	8.4
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS(Mf)9	10:42:46	2.6	Bottom	3	2	19.91	8	30.83	99.8	7.58	14.7	8
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:53:32	1.0	Surface	1	1	19.86	8.01	27.92	93.6	7.24	4.2	4.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:52:40	1.0	Surface	1	2	19.79	8.02	27.94	93.7	7.25	4.2	4.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:52:27	5.0	Middle	2	1	19.33	8.04	31.11	92.6	7.1	4	4.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:53:10	5.0	Middle	2	2	19.26	8.04	31.22	92.4	7.09	4.1	4.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:52:19	9.0	Bottom	3	1	19.28	8.03	31.23	92.4	7.08	3.9	4.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	IS10	9:53:01	9.0	Bottom	3	2	19.28	8.04	31.24	92.4	7.08	4	6.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR3	11:11:25	0.8	Middle	2	1	20.06	8.03	31.07	99.1	7.5	5.5	7.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR3	11:11:35	0.8	Middle	2	2	20.06	8.04	31.07	99	7.49	5.8	7.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR4	10:31:16	1.0	Surface	1	1	19.97	7.97	30.71	95.3	7.23	4.7	3.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR4	10:30:57	1.0	Surface	1	2	19.92	7.96	30.56	95.5	7.26	4.8	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR4	10:31:08	2.6	Bottom	3	1	19.96	7.96	30.95	95.3	7.23	5.7	5.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR4	10:30:47	2.6	Bottom	3	2	19.98	7.96	30.94	95.8	7.26	5.8	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR5	10:02:06	1.0	Surface	1	1	19.77	8.03	28.04	93.6	7.24	4.4	4.8
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR5	10:02:25	1.0	Surface	1	2	19.83	8.03	28.01	93.9	7.26	4.3	4.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR5	10:02:15	3.6	Bottom	3	1	19.59	8.03	30.69	93.1	7.12	3.7	5.4
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR5	10:01:56	3.6	Bottom	3	2	19.4	8.04	30.98	92.7	7.1	3.5	5.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:11:44	1.0	Surface	1	1	18.55	7.92	31.96	90.4	7	1.4	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:11:08	1.0	Surface	1	2	18.54	7.93	31.96	90.5	7.01	1.5	2.6
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:11:00	3.2	Middle	2	1	18.54	7.93	31.96	90.4	7	1.5	3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:11:37	3.2	Middle	2	2	18.53	7.91	31.97	90.2	6.98	1.4	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:10:52	5.4	Bottom	3	1	18.54	7.93	31.96	90.5	7	1.5	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10A	9:11:26	5.4	Bottom	3	2	18.5	7.88	32.01	90.1	6.97	1.5	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10B	9:04:56	1.0	Surface	1	1	18.48	7.9	31.97	90	6.97	1.5	4.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10B	9:05:17	1.0	Surface	1	2	18.43	7.91	32.05	89.7	6.95	1.4	2.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10B	9:05:06	4.1	Bottom	3	1	18.45	7.9	32.04	89.7	6.95	1.5	2.5
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	SR10B	9:04:48	4.1	Bottom	3	2	18.48	7.9	31.96	89.9	6.97	1.5	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:13:07	1.0	Surface	1	1	19.88	8.03	28.58	94.4	7.27	3.5	3.7
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:12:12	1.0	Surface	1	2	19.82	8.04	28.49	94.2	7.27	3.5	4.1
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:12:03	3.9	Middle	2	1	19.45	8.06	30.13	92.9	7.15	3.4	4.4
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:12:48	3.9	Middle	2	2	19.46	8.06	30.06	93	7.15	3.3	4.2
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:12:33	6.7	Bottom	3	1	19.1	8.05	31.36	92.1	7.08	3.2	3.8
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS2	11:11:46	6.7	Bottom	3	2	19.09	8.05	31.36	92	7.07	3.2	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	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:46:50	1.0	Surface	1	1	18.92	7.95	31.18	91.3	7.05	2.3	3.4
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:46:10	1.0	Surface	1	2	18.91	7.95	31.2	91.5	7.07	2.2	3.3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:46:38	6.5	Middle	2	1	18.58	7.94	31.85	90.4	6.99	2.4	3.2
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:45:55	6.5	Middle	2	2	18.57	7.95	31.86	90.3	6.99	2.4	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:46:22	11.9	Bottom	3	1	18.65	7.95	31.76	90.6	7.01	2.4	3
HKLR	HY/2011/03	2014-03-26	Mid-Ebb	Sunny	CS(Mf)5	9:45:41	11.9	Bottom	3	2	18.58	7.94	31.85	90.5	7	2.5	2.8
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:48:30	1.0	Surface	1	1	20.19	8.04	30.84	99.2	7.49	6.5	5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:47:37	1.0	Surface	1	2	20.18	8.04	30.84	99.2	7.5	6.6	5.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:47:24	4.4	Middle	2	1	20	8.03	30.91	98.1	7.43	6.7	5.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:48:19	4.4	Middle	2	2	20	8.03	30.91	98.2	7.44	6.9	6.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:47:11	7.7	Bottom	3	1	19.98	8.03	30.96	98.2	7.44	6.7	7.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS5	13:48:05	7.7	Bottom	3	2	19.97	8	30.96	98.6	7.47	6.8	6.6
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)6	13:56:24	1.0	Surface	1	1	20.54	8	30.9	102.4	7.69	4.7	3.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)6	13:54:59	1.0	Surface	1	2	20.69	8	30.71	102.6	7.68	4.7	2.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)6	13:55:10	2.1	Bottom	3	1	20.25	8	31.18	101.8	7.66	4.8	2
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)6	13:54:48	2.1	Bottom	3	2	20.38	7.99	31.06	102	7.67	4.8	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS7	14:01:50	1.0	Surface	1	1	20.27	8.01	30.36	102.9	7.79	6.2	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS7	14:01:28	1.0	Surface	1	2	20.24	8.01	30.38	102.5	7.75	6.1	2
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS7	14:01:15	2.3	Bottom	3	1	20.12	8	30.92	102.3	7.74	6.2	4.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS7	14:01:37	2.3	Bottom	3	2	20.14	8.01	30.85	102.3	7.73	6.4	4.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS8	14:28:07	1.0	Surface	1	1	20.56	7.98	30.34	101.7	7.65	3	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS8	14:27:48	1.0	Surface	1	2	20.5	7.99	30.37	101.7	7.66	2.9	2.2
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS8	14:27:57	3.0	Bottom	3	1	20.44	7.98	30.41	100.9	7.61	3.1	3.6
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS8	14:27:39	3.0	Bottom	3	2	20.32	7.98	30.46	101	7.63	3.2	3.2
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)9	14:10:19	1.0	Surface	1	1	20.17	8	30.81	100.5	7.6	20.5	26.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)9	14:10:38	1.0	Surface	1	2	20.35	8	30.72	101.1	7.62	20.3	26.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)9	14:10:28	2.6	Bottom	3	1	20.19	8	30.75	100.5	7.6	20.1	26.6
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS(Mf)9	14:10:11	2.6	Bottom	3	2	20.1	7.99	30.83	100.2	7.58	20.1	26.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:45:30	1.0	Surface	1	1	20.72	8.03	27.14	97	7.41	6.1	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:46:07	1.0	Surface	1	2	20.56	8.04	27.29	96.5	7.39	6.2	3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:45:55	4.8	Middle	2	1	19.68	8.04	30.04	94.1	7.21	8.3	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:45:20	4.8	Middle	2	2	19.81	8.04	29.63	94.8	7.26	8.9	4.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:45:49	8.6	Bottom	3	1	19.66	8.03	30.34	94.3	7.22	8.7	4.8
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	IS10	14:45:11	8.6	Bottom	3	2	19.57	8.03	30.49	94.9	7.27	8.5	2.8
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR3	13:39:53	0.7	Middle	2	1	20.19	8.01	30.95	99.9	7.54	6	5.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR3	13:40:05	0.7	Middle	2	2	20.21	8.01	30.93	100.3	7.57	5.8	6.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR4	14:21:20	1.0	Surface	1	1	20.52	7.96	29.67	100.7	7.62	5.4	4.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR4	14:21:37	1.0	Surface	1	2	20.52	7.97	29.66	100.6	7.6	5.6	5.6
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR4	14:21:28	2.8	Bottom	3	1	20.41	7.96	29.96	100.2	7.57	5.4	3.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR4	14:21:12	2.8	Bottom	3	2	20.53	7.96	29.8	100.7	7.6	5.3	6.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR5	14:36:41	1.0	Surface	1	1	20.66	8.01	27.26	98.1	7.5	3.9	3.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR5	14:36:24	1.0	Surface	1	2	20.77	8	27.19	98.1	7.49	4.2	3.8
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR5	14:36:31	3.4	Bottom	3	1	20.47	8	27.67	97	7.43	4	2.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR5	14:36:14	3.4	Bottom	3	2	20.01	8.01	28.4	96.4	7.41	4.1	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:38:50	1.0	Surface	1	1	18.73	7.94	31.97	92.1	7.1	1.4	2.8
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:37:43	1.0	Surface	1	2	18.69	7.93	32.02	92.2	7.11	1.4	3.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:37:27	3.3	Middle	2	1	18.7	7.93	32.02	91.9	7.09	1.4	3.1
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:38:34	3.3	Middle	2	2	18.66	7.94	32.05	91.7	7.08	1.5	3.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:37:17	5.5	Bottom	3	1	18.7	7.93	32.03	91.9	7.09	1.5	4.4
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10A	15:38:22	5.5	Bottom	3	2	18.68	7.93	32.04	91.7	7.08	1.5	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10B	15:46:44	1.0	Surface	1	1	18.68	7.96	32.02	91.7	7.07	1.6	2.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10B	15:46:20	1.0	Surface	1	2	18.69	7.95	32.01	91.9	7.09	1.5	2.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10B	15:46:07	4.4	Bottom	3	1	18.71	7.95	32.01	91.7	7.07	1.5	2.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	SR10B	15:46:30	4.4	Bottom	3	2	18.64	7.95	32.06	91.5	7.06	1.6	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:18:49	1.0	Surface	1	1	21.27	7.91	26.81	94.1	7.13	4.1	3.9
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:19:31	1.0	Surface	1	2	20.39	7.97	27.59	94.4	7.24	3.8	3.3
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:19:23	3.6	Middle	2	1	19.92	7.97	28.11	92.8	7.16	4.2	2.6

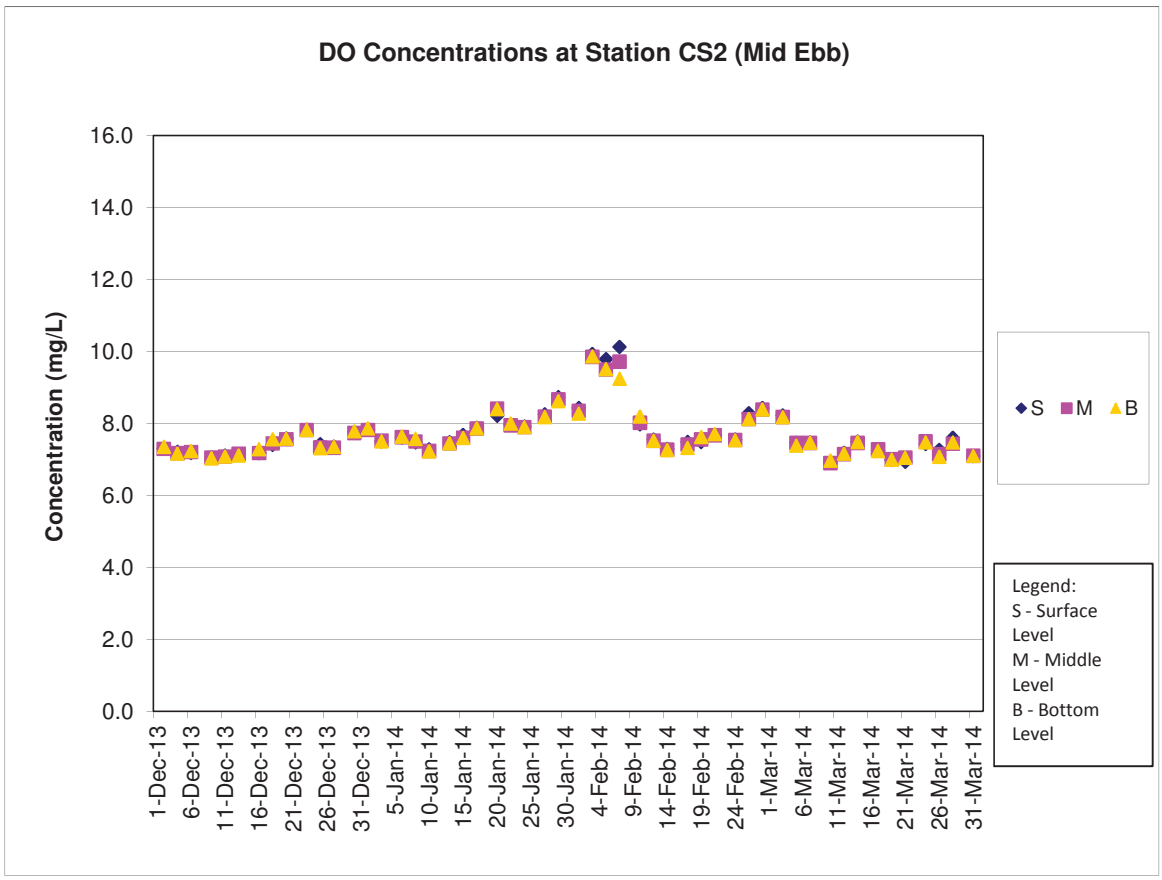
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:18:39	3.6	Middle	2	2	19.53	7.88	28.99	91.7	7.09	4.5	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:19:04	6.1	Bottom	3	1	19.53	7.97	29.31	92.6	7.15	3.8	4.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS2	13:18:30	6.1	Bottom	3	2	19.53	7.8	29.13	92.2	7.12	3.8	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:11:18	1.0	Surface	1	1	20.28	7.98	28.91	96.2	7.34	4.6	3.6
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:10:30	1.0	Surface	1	2	19.74	7.98	29.25	96.4	7.41	4.8	2.7
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:11:05	6.2	Middle	2	1	18.75	7.97	31.58	92.1	7.12	4.5	2.4
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:10:21	6.2	Middle	2	2	19.08	7.97	31.17	93.8	7.22	4.6	3.5
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:10:45	11.3	Bottom	3	1	18.85	7.96	31.58	94.2	7.27	5.2	2.2
HKLR	HY/2011/03	2014-03-26	Mid-Flood	Sunny	CS(Mf)5	15:10:07	11.3	Bottom	3	2	18.83	7.96	31.61	95.2	7.35	5.3	2.2
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:44:27	1.0	Surface	1	1	20.44	7.79	28.99	104.2	7.92	9.9	19.5
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:44:00	1.0	Surface	1	2	20.43	7.79	28.99	104.2	7.92	10.1	18.5
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:43:52	4.2	Middle	2	1	20.46	7.79	29	103.9	7.9	10.1	18.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:44:18	4.2	Middle	2	2	20.44	7.79	28.99	104	7.9	10.1	19.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:44:10	7.4	Bottom	3	1	20.44	7.79	29.02	104.1	7.91	10.1	24.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS5	12:43:45	7.4	Bottom	3	2	20.44	7.79	29.07	104.1	7.91	10	25
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)6	12:29:24	1.0	Surface	1	1	21.8	7.89	29.28	118.5	8.77	10.7	21.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)6	12:29:44	1.0	Surface	1	2	21.83	7.89	29.28	118.7	8.78	10.5	19.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)6	12:29:13	2.0	Bottom	3	1	21.81	7.89	29.28	118.9	8.8	10.6	22.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)6	12:29:29	2.0	Bottom	3	2	21.79	7.89	29.28	118.3	8.76	10.9	21.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS7	12:22:22	1.0	Surface	1	1	21.78	7.91	29.23	120.4	8.92	5.3	15.2
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS7	12:22:41	1.0	Surface	1	2	21.77	7.91	29.21	120.8	8.95	5.2	14.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS7	12:22:10	2.2	Bottom	3	1	21.77	7.91	29.25	120.2	8.9	5.2	15.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS7	12:22:29	2.2	Bottom	3	2	21.77	7.91	29.23	120.4	8.92	5.1	15.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS8	11:56:17	1.0	Surface	1	1	21	7.92	28.73	110.2	8.3	7.6	12.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS8	11:55:59	1.0	Surface	1	2	20.99	7.92	28.71	110	8.29	7.6	11.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS8	11:56:10	2.8	Bottom	3	1	20.97	7.91	28.89	110.3	8.31	7.8	13.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS8	11:55:48	2.8	Bottom	3	2	20.97	7.91	28.96	110	8.28	7.7	13.6
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)9	12:16:25	1.0	Surface	1	1	21.31	7.86	29.03	116.1	8.69	11.4	10.5
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)9	12:16:10	1.0	Surface	1	2	21.31	7.86	29.04	115.9	8.67	11.7	11.6
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)9	12:15:59	2.8	Bottom	3	1	21.3	7.87	29.04	115.8	8.66	11.6	16.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS(Mf)9	12:16:15	2.8	Bottom	3	2	21.31	7.86	29.04	116	8.67	11.6	17.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:27:47	1.0	Surface	1	1	20.9	8.12	28.57	100.4	7.58	9.4	12.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:28:29	1.0	Surface	1	2	20.89	8.12	28.59	100.4	7.59	9.2	12
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:28:15	5.0	Middle	2	1	20.1	8.1	29.42	97.5	7.44	12.5	12.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:27:31	5.0	Middle	2	2	20.1	8.1	29.43	96.9	7.39	12.1	11.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:28:02	9.0	Bottom	3	1	20.15	8.1	29.4	98.7	7.52	14.3	15.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	IS10	11:27:23	9.0	Bottom	3	2	20.09	8.1	29.46	97.2	7.41	13.9	16.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR3	12:48:12	0.6	Middle	2	1	20.42	7.8	28.99	104.4	7.94	8.5	11.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR3	12:48:05	0.6	Middle	2	2	20.42	7.8	28.99	104.4	7.94	8.7	10.9
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR4	12:01:52	1.0	Surface	1	1	20.9	7.86	28.63	104.6	7.9	5.1	13.6
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR4	12:01:39	1.0	Surface	1	2	20.86	7.85	28.65	104.4	7.89	5.4	15.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR4	12:01:33	2.8	Bottom	3	1	20.86	7.85	28.64	104.1	7.87	5.5	18.4
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR4	12:01:44	2.8	Bottom	3	2	20.89	7.86	28.63	104.4	7.89	5.3	20.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR5	11:37:44	1.0	Surface	1	1	20.96	8.12	28.56	102.4	7.73	7	17.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR5	11:37:14	1.0	Surface	1	2	20.88	8.12	28.6	101.8	7.7	7.2	18.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR5	11:36:59	4.2	Bottom	3	1	20.23	8.11	29.26	100.1	7.63	9.1	18.5
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR5	11:37:26	4.2	Bottom	3	2	20.27	8.11	29.27	100.3	7.64	9.6	19.4
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:47:29	1.0	Surface	1	1	19.2	7.91	31.24	94	7.22	1.9	10
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:46:59	1.0	Surface	1	2	19.21	7.91	31.23	94.1	7.23	1.9	10.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:46:49	3.2	Middle	2	1	19.16	7.91	31.3	93.8	7.2	2	13.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:47:18	3.2	Middle	2	2	19.17	7.91	31.29	93.8	7.2	1.9	12.2
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:46:42	5.4	Bottom	3	1	19.16	7.91	31.34	93.7	7.19	1.9	12.6
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10A	10:47:07	5.4	Bottom	3	2	19.16	7.91	31.33	93.7	7.2	1.9	12.9
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10B	10:40:33	1.0	Surface	1	1	19.06	7.88	31.45	93.5	7.19	2	11.6
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10B	10:40:54	1.0	Surface	1	2	19.07	7.88	31.46	93.5	7.18	2	11.1
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10B	10:40:45	3.8	Bottom	3	1	19.04	7.88	31.48	93.2	7.17	2	11.4
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	SR10B	10:40:22	3.8	Bottom	3	2	19.06	7.87	31.44	93.4	7.18	2.1	10.8

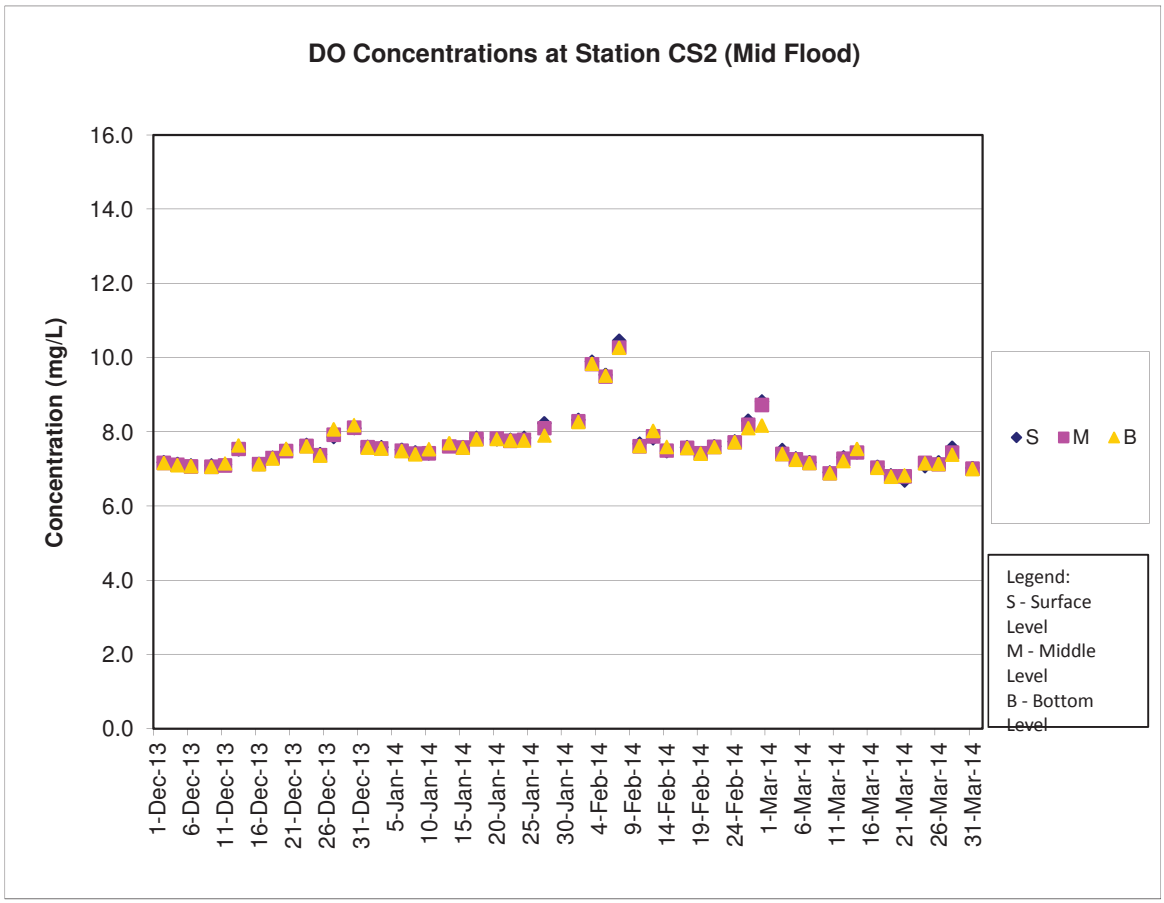
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:52:58	1.0	Surface	1	1	20.44	8.12	28.54	99.7	7.6	11.1	14.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:53:59	1.0	Surface	1	2	20.45	8.12	28.53	99.9	7.61	10.4	14
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:52:43	4.0	Middle	2	1	19.68	8.12	29.64	97	7.45	11	14.5
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:53:43	4.0	Middle	2	2	19.68	8.12	29.64	96.7	7.43	10.7	13.9
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:52:26	6.9	Bottom	3	1	19.65	8.12	29.72	97.5	7.48	13.1	13.9
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS2	12:53:19	6.9	Bottom	3	2	19.66	8.12	29.71	97.2	7.47	13.4	13.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:21:52	1.0	Surface	1	1	19.78	7.88	30.18	95.5	7.3	3.2	13.3
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:21:08	1.0	Surface	1	2	19.62	7.87	30.35	95.1	7.28	3.1	13.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:21:42	6.1	Middle	2	1	19.33	7.85	30.84	93.8	7.2	3.3	14.8
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:20:58	6.1	Middle	2	2	19.3	7.86	30.88	94	7.22	3.3	14.7
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:20:48	11.1	Bottom	3	1	19.3	7.86	30.98	94.5	7.26	3.5	13.9
HKLR	HY/2011/03	2014-03-28	Mid-Ebb	Sunny	CS(Mf)5	11:21:28	11.1	Bottom	3	2	19.27	7.84	31.04	94.3	7.24	3.3	15
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:54:50	1.0	Surface	1	1	21.58	7.89	29.27	123.3	9.17	7	14.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:55:24	1.0	Surface	1	2	21.56	7.89	29.26	123.2	9.16	7.4	15.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:54:40	4.3	Middle	2	1	21.56	7.89	29.28	122.9	9.14	7.3	16.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:55:15	4.3	Middle	2	2	21.56	7.89	29.27	122.9	9.14	7.2	14
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:54:32	7.6	Bottom	3	1	21.57	7.9	29.27	122.9	9.13	7.5	15.3
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS5	15:55:02	7.6	Bottom	3	2	21.55	7.89	29.26	122.9	9.14	7.3	15.5
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)6	16:03:13	1.0	Surface	1	1	21.57	7.93	29.09	127.6	9.5	8.2	17
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)6	16:02:54	1.0	Surface	1	2	21.57	7.93	29.09	127.1	9.46	8.4	16.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)6	16:02:44	2.2	Bottom	3	1	21.57	7.93	29.09	126.7	9.43	8.7	19.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)6	16:03:02	2.2	Bottom	3	2	21.57	7.93	29.09	127.3	9.47	8.5	21.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS7	16:10:43	1.0	Surface	1	1	21.79	7.96	29.13	129.8	9.62	8.9	17.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS7	16:11:07	1.0	Surface	1	2	21.78	7.96	29.13	130.7	9.69	8.4	17.5
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS7	16:10:33	2.0	Bottom	3	1	21.78	7.95	29.13	129.1	9.57	8.7	24.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS7	16:10:54	2.0	Bottom	3	2	21.78	7.96	29.13	130.2	9.65	8.7	25.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS8	16:33:32	1.0	Surface	1	1	20.57	7.81	29.35	101.9	7.71	15.2	20.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS8	16:33:50	1.0	Surface	1	2	20.58	7.81	29.34	104.5	7.91	15.3	20.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS8	16:33:40	3.0	Bottom	3	1	20.6	7.81	29.33	103.6	7.83	15.7	19.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS8	16:33:20	3.0	Bottom	3	2	20.33	7.78	29.49	100.4	7.62	15.9	18.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)9	16:16:20	1.0	Surface	1	1	21.52	7.89	29.34	115.2	8.57	11.8	20.5
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)9	16:16:37	1.0	Surface	1	2	21.52	7.89	29.34	115.4	8.59	11.8	20.2
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)9	16:16:08	2.6	Bottom	3	1	21.52	7.89	29.34	114.7	8.53	11.6	21.6
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS(Mf)9	16:16:28	2.6	Bottom	3	2	21.51	7.89	29.34	115.2	8.57	11.6	21.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:24:33	1.0	Surface	1	1	20.66	8.18	28.33	105.7	8.04	8.1	10
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:23:36	1.0	Surface	1	2	20.62	8.17	28.4	104.5	7.94	8.7	10.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:23:21	5.2	Middle	2	1	20.26	8.14	29.02	101.3	7.73	11.8	10.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:24:14	5.2	Middle	2	2	20.26	8.14	29.02	101.1	7.71	12.2	10.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:24:03	9.3	Bottom	3	1	20.31	8.14	29.17	102	7.76	14	12
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	IS10	17:23:10	9.3	Bottom	3	2	20.29	8.14	29.16	102.4	7.8	13.3	11
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR3	15:45:50	0.6	Middle	2	1	21.63	7.93	29.31	120.6	8.96	6.8	12.2
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR3	15:45:43	0.6	Middle	2	2	21.64	7.93	29.33	119	8.84	6.9	11.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR4	16:27:49	1.0	Surface	1	1	20.48	7.78	29.46	101.6	7.69	11.4	13.6
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR4	16:28:03	1.0	Surface	1	2	20.52	7.79	29.42	102.2	7.74	11.3	14.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR4	16:27:41	2.8	Bottom	3	1	20.49	7.78	29.44	101.2	7.67	11	18.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR4	16:27:56	2.8	Bottom	3	2	20.48	7.78	29.44	101.5	7.69	11.4	19.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR5	17:15:30	1.0	Surface	1	1	20.63	8.17	28.42	105.6	8.02	5.9	11.5
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR5	17:15:04	1.0	Surface	1	2	20.49	8.16	28.63	104	7.92	6.5	11.3
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR5	17:15:16	4.2	Bottom	3	1	20.49	8.16	28.73	104.3	7.93	7	10.2
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR5	17:14:57	4.2	Bottom	3	2	20.44	8.16	28.81	104.3	7.94	7.3	10.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:43:13	1.0	Surface	1	1	19.34	7.84	31.16	95.5	7.32	2.3	6.3
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:42:30	1.0	Surface	1	2	19.42	7.84	31.08	96	7.35	2.4	7.3
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:42:16	3.4	Middle	2	1	19.25	7.83	31.3	95.4	7.31	2.6	6.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:43:01	3.4	Middle	2	2	19.16	7.84	31.43	94.9	7.28	2.5	6.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:42:03	5.8	Bottom	3	1	19.17	7.83	31.44	95.5	7.33	2.6	9.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10A	17:42:49	5.8	Bottom	3	2	19.14	7.83	31.47	95	7.29	2.6	10.2
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10B	17:51:49	1.0	Surface	1	1	19.25	7.85	31.29	95.2	7.3	3.4	10.3

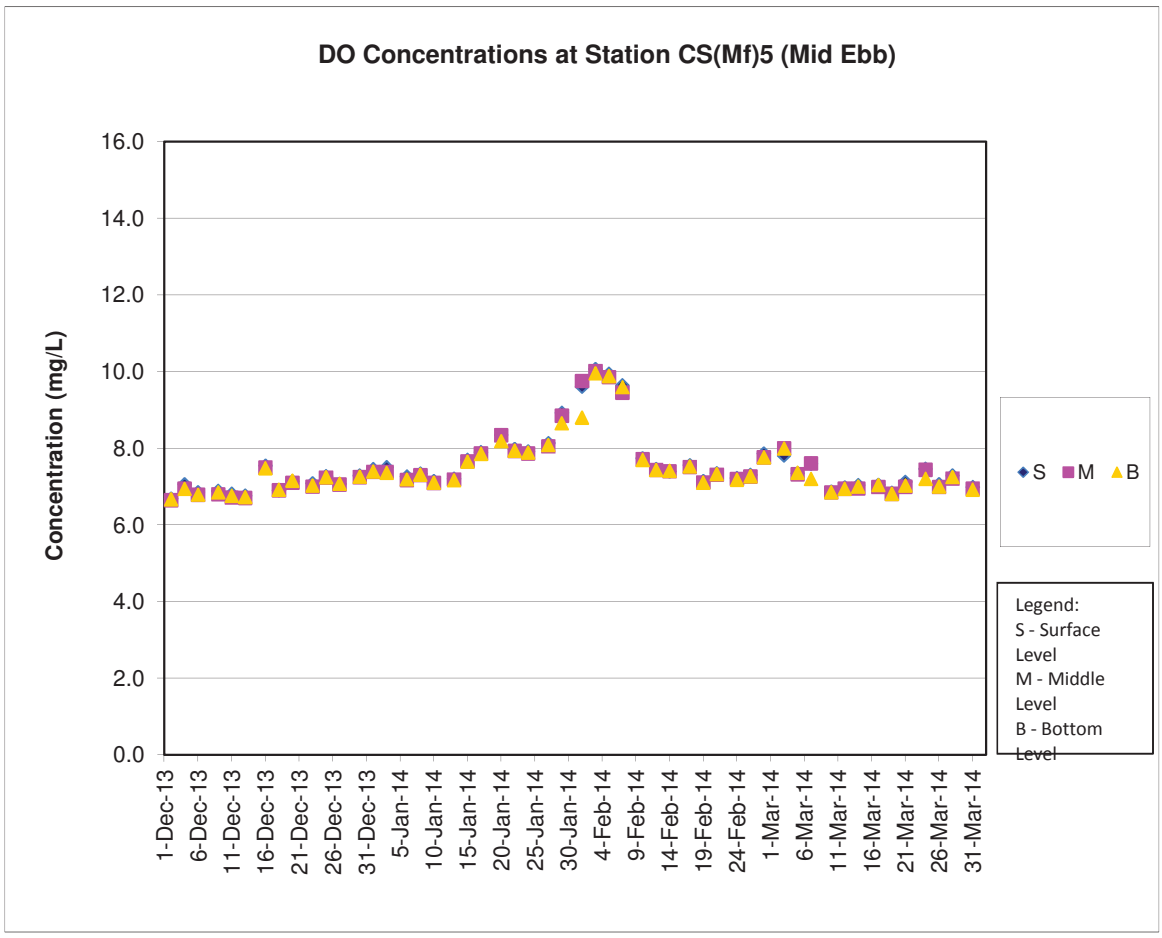
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10B	17:52:10	1.0	Surface	1	2	19.27	7.86	31.26	95.4	7.32	3.2	11.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10B	17:51:38	4.2	Bottom	3	1	19.2	7.85	31.38	95	7.29	3.1	11.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	SR10B	17:51:57	4.2	Bottom	3	2	19.21	7.85	31.37	95.1	7.29	3.1	10
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:03:33	1.0	Surface	1	1	20.84	8.14	27.66	100.2	7.62	8.3	7.5
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:02:53	1.0	Surface	1	2	20.81	8.15	27.7	99	7.53	8.5	6.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:02:42	3.9	Middle	2	1	20.11	8.16	28.68	96.3	7.38	11.8	7.4
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:03:20	3.9	Middle	2	2	20.14	8.15	28.65	98	7.51	11.5	5.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:03:10	6.7	Bottom	3	1	19.97	8.16	28.99	97.9	7.51	14.5	7.2
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS2	16:02:24	6.7	Bottom	3	2	19.91	8.14	29.21	94.7	7.26	14.2	6.9
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:11:56	1.0	Surface	1	1	20.22	7.85	29.29	99.7	7.6	7.3	6.1
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:11:15	1.0	Surface	1	2	20.22	7.85	29.51	99.5	7.57	7.5	6.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:11:04	6.4	Middle	2	1	19.72	7.82	30.33	96.4	7.37	9.9	6.7
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:11:45	6.4	Middle	2	2	19.74	7.82	30.32	97.6	7.46	10.1	7.3
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:10:51	11.7	Bottom	3	1	19.4	7.8	30.9	96.4	7.39	10.1	8.8
HKLR	HY/2011/03	2014-03-28	Mid-Flood	Sunny	CS(Mf)5	17:11:30	11.7	Bottom	3	2	19.7	7.82	30.53	98.7	7.54	10.4	8.7
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:07:05	1.0	Surface	1	1	20.47	7.94	27.09	93.8	7.2	9.2	9.6
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:06:27	1.0	Surface	1	2	20.49	7.93	26.8	93.9	7.22	9.2	9.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:06:59	4.6	Middle	2	1	20.27	7.94	27.82	93.6	7.19	9.4	11.3
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:06:18	4.6	Middle	2	2	20.38	7.93	27.63	93.7	7.19	9.3	11.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:06:08	8.2	Bottom	3	1	20.21	7.93	28.07	93.1	7.15	9.4	17.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS5	12:06:51	8.2	Bottom	3	2	20.17	7.93	28.19	93.1	7.15	9.8	17.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)6	12:19:21	1.0	Surface	1	1	20.66	7.95	26.64	93.1	7.14	11	9.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)6	12:19:31	1.0	Surface	1	2	20.66	7.95	26.63	93	7.14	10.9	9.1
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)6	12:19:16	2.3	Bottom	3	1	20.66	7.95	26.68	93.1	7.14	11	9.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)6	12:19:27	2.3	Bottom	3	2	20.66	7.95	26.65	93	7.14	11.2	10.4
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS7	12:25:25	1.0	Surface	1	1	20.73	7.94	26.99	95.3	7.29	10.3	10.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS7	12:25:35	1.0	Surface	1	2	20.76	7.93	27.44	95	7.26	10.2	10.7
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS7	12:25:21	2.3	Bottom	3	1	20.73	7.94	26.99	95.1	7.28	10.3	12.3
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS7	12:25:30	2.3	Bottom	3	2	20.73	7.94	27.13	94.7	7.22	10.5	13.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS8	12:47:54	1.0	Surface	1	1	20.27	7.9	26.67	93.3	7.17	7.3	19
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS8	12:48:15	1.0	Surface	1	2	20.28	7.9	26.39	92.6	7.14	7.3	19.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS8	12:47:42	2.4	Bottom	3	1	20.36	7.89	27.48	92.6	7.16	7.6	19.7
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS8	12:48:06	2.4	Bottom	3	2	20.38	7.9	27.56	92.2	7.1	7.7	19
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)9	12:31:59	1.0	Surface	1	1	20.72	7.93	27.22	96	7.34	13.3	17.3
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)9	12:32:12	1.0	Surface	1	2	20.7	7.94	27.18	95.4	7.29	13.4	17.4
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)9	12:32:06	2.4	Bottom	3	1	20.7	7.94	27.18	95.3	7.29	13.4	21.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS(Mf)9	12:31:51	2.4	Bottom	3	2	20.71	7.93	27.22	95.6	7.31	13.3	21.7
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:20:31	1.0	Surface	1	1	20.25	7.99	26.05	90.8	7.05	14.3	21.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:21:05	1.0	Surface	1	2	20.25	7.99	26.07	90.6	7.03	13.6	22.8
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:20:22	5.3	Middle	2	1	20.13	8.01	27.73	90.6	6.98	13.8	27.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:20:56	5.3	Middle	2	2	20.17	8	27.52	90.5	6.97	13.6	27.8
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:20:15	9.5	Bottom	3	1	20.09	8.01	28.24	90.2	6.93	13.3	29.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	IS10	13:20:44	9.5	Bottom	3	2	20.16	7.98	28.26	90	6.91	13.6	31.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR3	11:59:48	0.7	Middle	2	1	20.48	7.88	26.38	95.1	7.34	9.4	16.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR3	11:59:45	0.7	Middle	2	2	20.48	7.88	26.33	95.2	7.35	9.5	16.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR4	12:43:36	1.0	Surface	1	1	20.34	7.84	25.25	87.3	6.77	6.6	12.1
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR4	12:43:21	1.0	Surface	1	2	20.31	7.85	23.02	87.9	6.94	6.7	11.8
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR4	12:43:32	2.5	Bottom	3	1	20.34	7.83	27.07	87	6.72	6.6	12.1
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR4	12:43:15	2.5	Bottom	3	2	20.29	7.82	26.96	88.4	6.82	6.7	11.7
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR5	13:08:27	1.0	Surface	1	1	20.26	7.92	26.28	90.5	7.01	13.7	18.8
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR5	13:08:13	1.0	Surface	1	2	20.26	7.91	26.29	90.8	7.03	13.2	18
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR5	13:08:03	3.9	Bottom	3	1	20.26	7.89	26.39	91	7.05	13.2	18.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR5	13:08:20	3.9	Bottom	3	2	20.26	7.91	26.29	90.5	7.02	13.3	17.1
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:42:43	1.0	Surface	1	1	19.81	7.94	28.19	92	7.11	3.5	9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:42:12	1.0	Surface	1	2	19.82	7.94	27.99	92.1	7.13	3.4	9.4
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:42:33	3.3	Middle	2	1	19.73	7.95	28.94	91.8	7.08	3.5	10
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:42:03	3.3	Middle	2	2	19.68	7.94	29.24	91.8	7.07	3.4	10.1

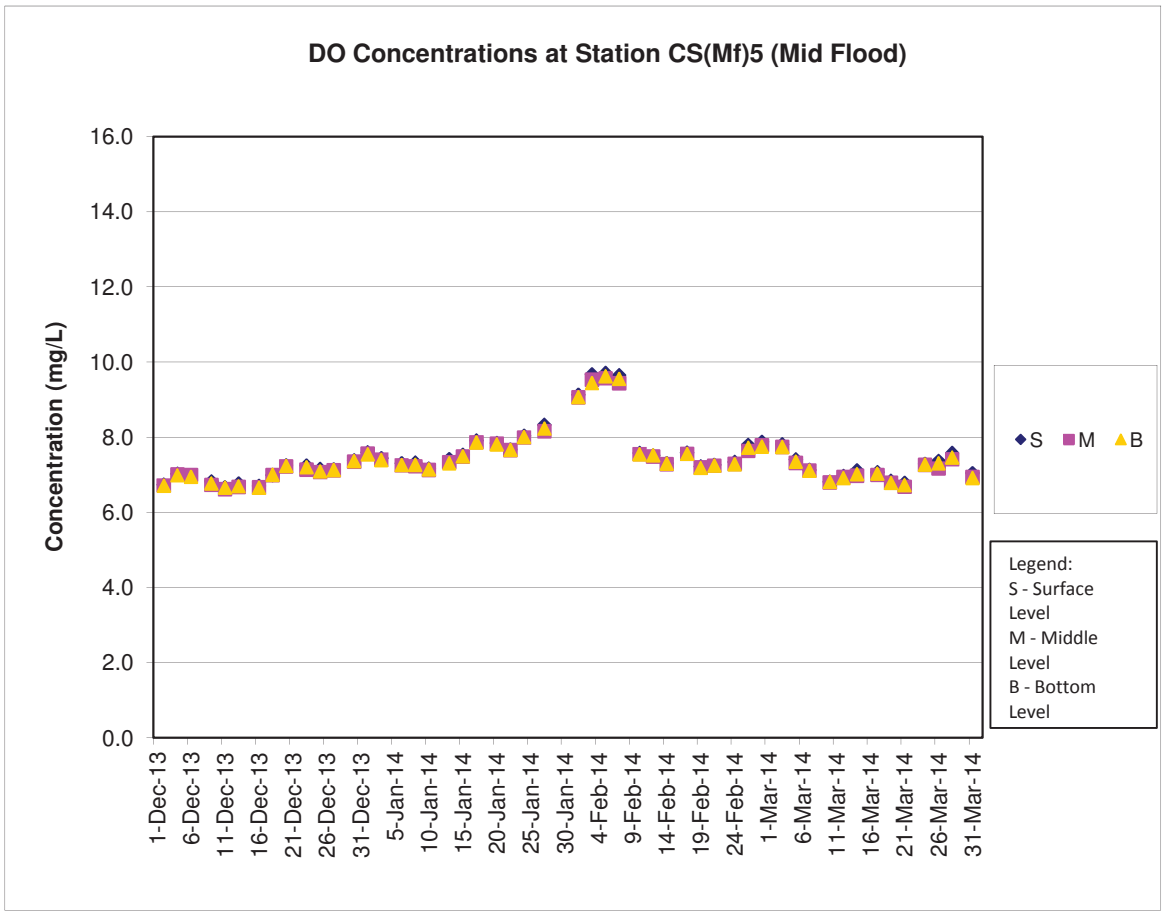
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:42:24	5.5	Bottom	3	1	19.72	7.94	29.42	91.7	7.05	3.6	16.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10A	13:41:58	5.5	Bottom	3	2	19.7	7.94	29.34	91.8	7.06	3.4	16.6
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10B	13:50:27	1.0	Surface	1	1	19.73	7.93	28.85	91.7	7.07	3.6	9.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10B	13:50:17	1.0	Surface	1	2	19.73	7.93	28.84	91.7	7.07	3.6	9.1
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10B	13:50:13	4.3	Bottom	3	1	19.77	7.92	28.75	91.7	7.07	3.6	10.4
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	SR10B	13:50:22	4.3	Bottom	3	2	19.77	7.93	28.72	91.7	7.07	3.6	9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:53:03	1.0	Surface	1	1	20.2	7.84	26.93	92.3	7.13	25.3	14.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:53:30	1.0	Surface	1	2	20.19	7.89	27.08	91.5	7.07	25.4	14.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:53:20	4.0	Middle	2	1	20.11	7.89	27.6	91.5	7.06	24.8	19.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:52:52	4.0	Middle	2	2	20.11	7.83	27.64	92.7	7.15	24.6	20.4
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:52:36	6.9	Bottom	3	1	20.05	7.75	28.23	93.1	7.16	24.5	21.3
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS2	11:53:12	6.9	Bottom	3	2	20.13	7.86	27.67	91.4	7.04	24.7	22.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:18:44	1.0	Surface	1	1	20.08	7.92	28.13	90.9	6.99	13.2	12.2
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:19:21	1.0	Surface	1	2	20.07	7.92	28.18	90.8	6.98	13.7	11.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:19:08	6.6	Middle	2	1	20	7.92	28.51	90.3	6.94	14	14.9
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:18:29	6.6	Middle	2	2	20.02	7.92	28.46	90.5	6.95	13.7	15.5
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:18:17	12.1	Bottom	3	1	19.97	7.92	28.8	90.2	6.92	13.9	20.3
HKLR	HY/2011/03	2014-03-31	Mid-Ebb	Cloudy	CS(Mf)5	13:19:00	12.1	Bottom	3	2	19.95	7.92	28.8	90.1	6.92	14.2	19.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:40:17	1.0	Surface	1	1	20.78	7.9	27.53	93	7.09	9.3	12
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:41:02	1.0	Surface	1	2	20.77	7.9	27.41	92.8	7.08	9.1	11.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:40:10	4.6	Middle	2	1	20.8	7.89	27.76	93	7.07	9.5	13.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:40:49	4.6	Middle	2	2	20.79	7.89	27.86	92.2	7.01	9.2	14.7
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:40:03	8.2	Bottom	3	1	20.79	7.89	27.76	92.9	7.07	9.7	17.5
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS5	7:40:42	8.2	Bottom	3	2	20.79	7.88	27.99	92.2	7.01	9.5	16.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)6	7:32:24	1.0	Surface	1	1	20.83	7.88	27.62	95	7.23	13.4	20.7
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)6	7:32:06	1.0	Surface	1	2	20.83	7.87	27.67	95.4	7.26	13	20.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)6	7:32:10	2.4	Bottom	3	1	20.83	7.87	27.66	95	7.22	13.8	24
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)6	7:31:58	2.4	Bottom	3	2	20.83	7.86	27.68	95.1	7.23	13.5	25
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS7	7:26:37	1.0	Surface	1	1	20.76	7.84	27.68	94.7	7.21	22.8	26.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS7	7:26:28	1.0	Surface	1	2	20.76	7.83	27.68	94.9	7.23	23	26.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS7	7:26:32	2.3	Bottom	3	1	20.76	7.84	27.68	94.7	7.21	22.8	29.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS7	7:26:22	2.3	Bottom	3	2	20.76	7.83	27.68	94.7	7.21	23.1	30.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS8	7:01:17	1.0	Surface	1	1	20.18	7.65	27.72	93.9	7.22	11.6	18.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS8	7:00:57	1.0	Surface	1	2	20.19	7.64	27.8	94.5	7.27	11.6	17.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS8	7:00:53	2.5	Bottom	3	1	20.19	7.64	27.79	94.1	7.24	11.7	19.5
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS8	7:01:01	2.5	Bottom	3	2	20.19	7.65	27.79	93.7	7.21	11.8	19.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)9	7:20:12	1.0	Surface	1	1	20.72	7.75	27.74	95	7.24	22.5	26.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)9	7:19:58	1.0	Surface	1	2	20.73	7.75	27.74	95.3	7.26	22.6	25.7
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)9	7:19:51	2.3	Bottom	3	1	20.73	7.74	27.74	95.1	7.25	22.6	31.2
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS(Mf)9	7:20:06	2.3	Bottom	3	2	20.72	7.75	27.74	95	7.24	22.8	29.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:10:28	1.0	Surface	1	1	20.24	8.06	28.24	91.6	7.02	17.6	21.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:11:06	1.0	Surface	1	2	20.23	8.06	28.26	91.5	7.01	18.4	22.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:10:54	5.5	Middle	2	1	20.17	8.06	28.42	91.2	6.99	21	22.4
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:10:09	5.5	Middle	2	2	20.16	8.06	28.45	91.2	6.99	22.1	23.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:09:59	9.9	Bottom	3	1	20.15	8.06	28.47	91.1	6.99	21.7	25.4
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	IS10	7:10:43	9.9	Bottom	3	2	20.18	8.06	28.41	91.1	6.99	21.1	25.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR3	7:47:12	0.7	Middle	2	1	20.77	7.88	27.29	93.4	7.13	8.5	14.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR3	7:47:14	0.7	Middle	2	2	20.77	7.88	27.29	93.3	7.12	8.5	16.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR4	7:07:35	1.0	Surface	1	1	20.23	7.67	28.15	92	7.06	7.5	10.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR4	7:07:47	1.0	Surface	1	2	20.24	7.67	28.16	91.2	6.99	7.6	10.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR4	7:07:29	2.4	Bottom	3	1	20.23	7.66	28.16	91.5	7.02	7.6	10.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR4	7:07:39	2.4	Bottom	3	2	20.22	7.67	28.15	90.8	6.96	7.5	11.4
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR5	7:18:47	1.0	Surface	1	1	20.21	8.06	28.32	91.5	7.02	18.8	16.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR5	7:18:21	1.0	Surface	1	2	20.21	8.06	28.31	91.5	7.01	18.4	14.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR5	7:18:38	3.8	Bottom	3	1	20.17	8.06	28.42	91.3	7	18.4	18.4
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR5	7:18:11	3.8	Bottom	3	2	20.18	8.06	28.4	91.3	7	18.3	18.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:15	1.0	Surface	1	1	19.59	7.63	29.73	91.6	7.04	5.3	9

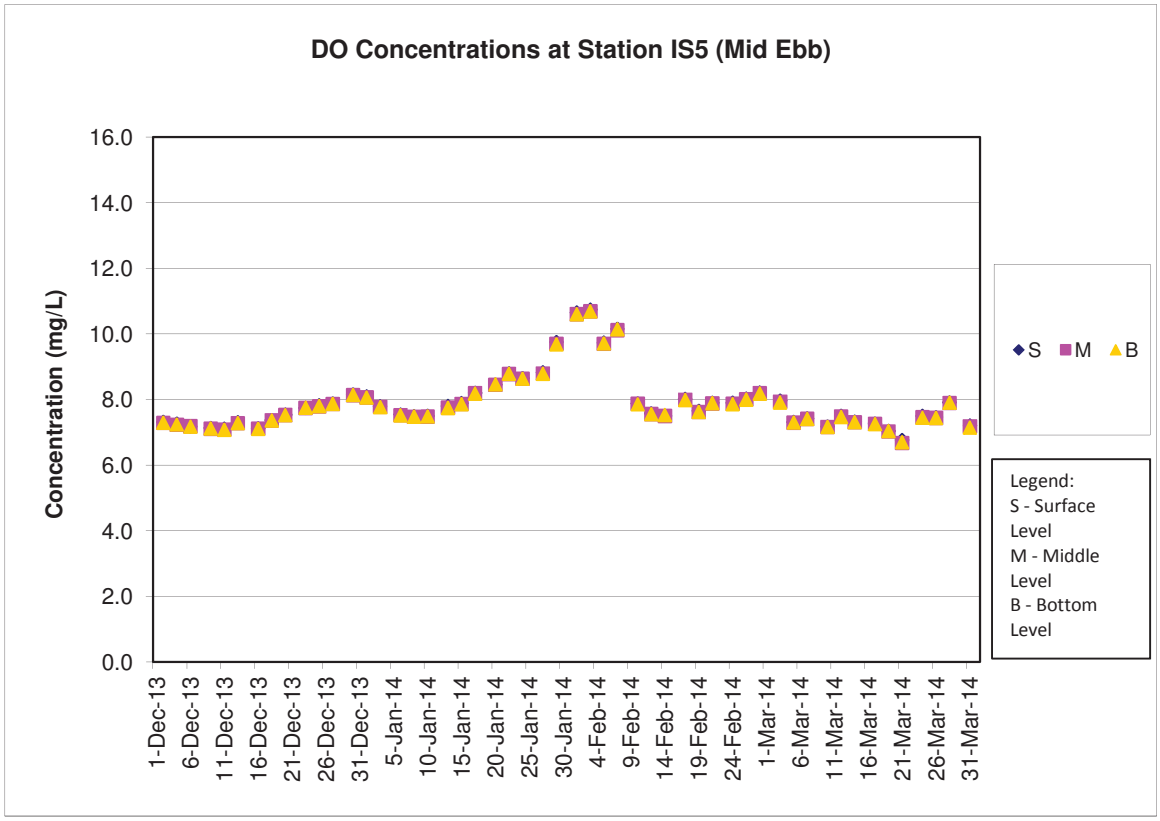
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:57	1.0	Surface	1	2	19.65	7.63	29.53	91.6	7.04	5.2	9.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:10	3.2	Middle	2	1	19.57	7.63	29.9	91.6	7.04	5.5	9.7
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:46	3.2	Middle	2	2	19.58	7.63	29.88	91.3	7.02	5.5	10.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:37	5.3	Bottom	3	1	19.56	7.63	29.97	91.2	7.01	5.6	16.7
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10A	6:04:06	5.3	Bottom	3	2	19.58	7.63	29.9	91.5	7.03	5.5	16.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10B	5:59:36	1.0	Surface	1	1	19.54	7.62	30.11	92.4	7.1	6.6	16.5
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10B	5:59:55	1.0	Surface	1	2	19.54	7.63	30.14	92.1	7.07	6.6	16.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10B	5:59:47	4.2	Bottom	3	1	19.54	7.63	30.14	92	7.07	6.6	20
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	SR10B	5:59:30	4.2	Bottom	3	2	19.54	7.62	30.11	92.3	7.09	6.8	20.4
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:36:25	1.0	Surface	1	1	20.13	8.06	28.18	91.5	7.03	24.7	32.8
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:35:54	1.0	Surface	1	2	20.14	8.06	28.14	91.5	7.03	24.5	32.6
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:36:16	4.0	Middle	2	1	20.11	8.06	28.34	91.3	7.01	24.9	35
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:35:39	4.0	Middle	2	2	20.11	8.06	28.36	91.3	7.01	24.6	36.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:35:30	7.0	Bottom	3	1	20.11	8.06	28.42	91.2	7	25.4	39.5
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS2	8:36:06	7.0	Bottom	3	2	20.11	8.06	28.37	91.2	7	25.5	40.9
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:32:46	1.0	Surface	1	1	20.06	7.63	28.18	91.6	7.05	6	18.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:31:56	1.0	Surface	1	2	20.06	7.63	28.21	91.6	7.05	6	18.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:31:40	6	Middle	2	1	19.76	7.64	29.41	90.5	6.95	6	20.1
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:32:30	6	Middle	2	2	19.79	7.64	29.25	90.4	6.94	6.1	21.3
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:31:26	10.9	Bottom	3	1	19.68	7.64	29.75	90.2	6.92	6.4	25.2
HKLR	HY/2011/03	2014-03-31	Mid-Flood	Cloudy	CS(Mf)5	6:32:18	10.9	Bottom	3	2	19.7	7.64	29.73	90.2	6.92	6.2	25

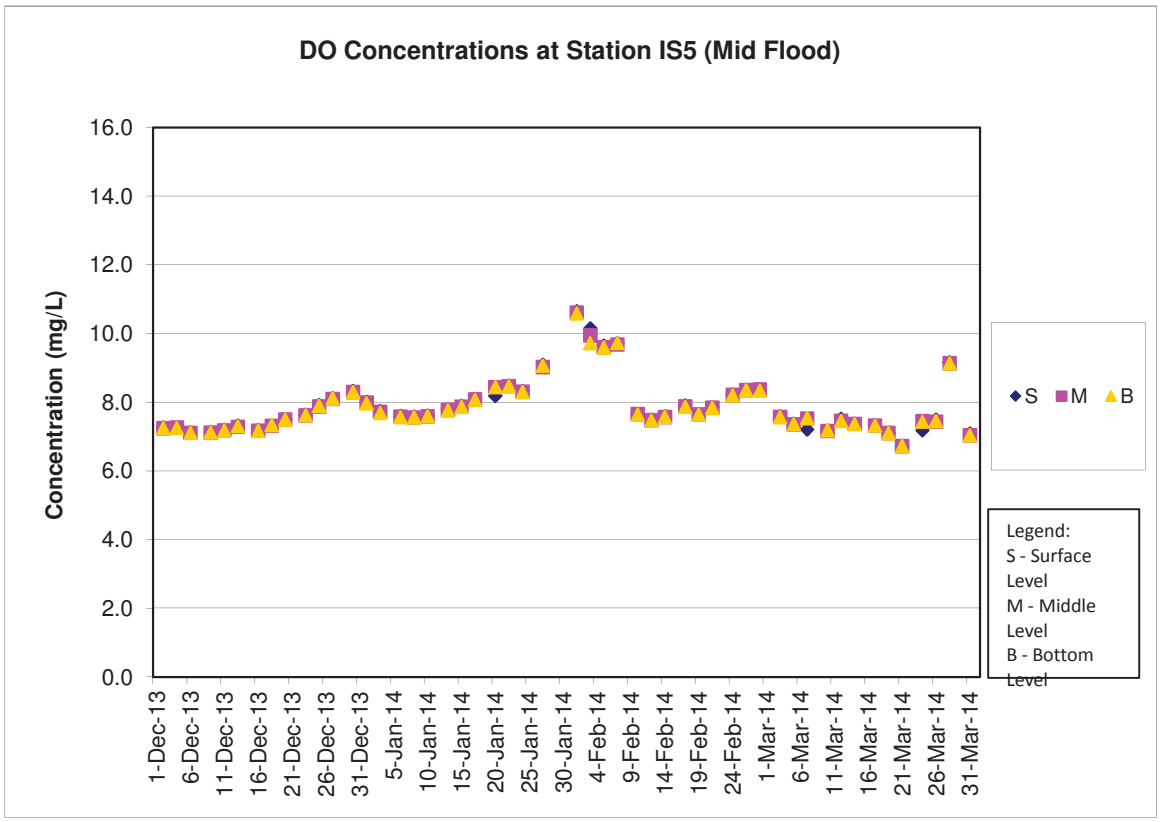

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

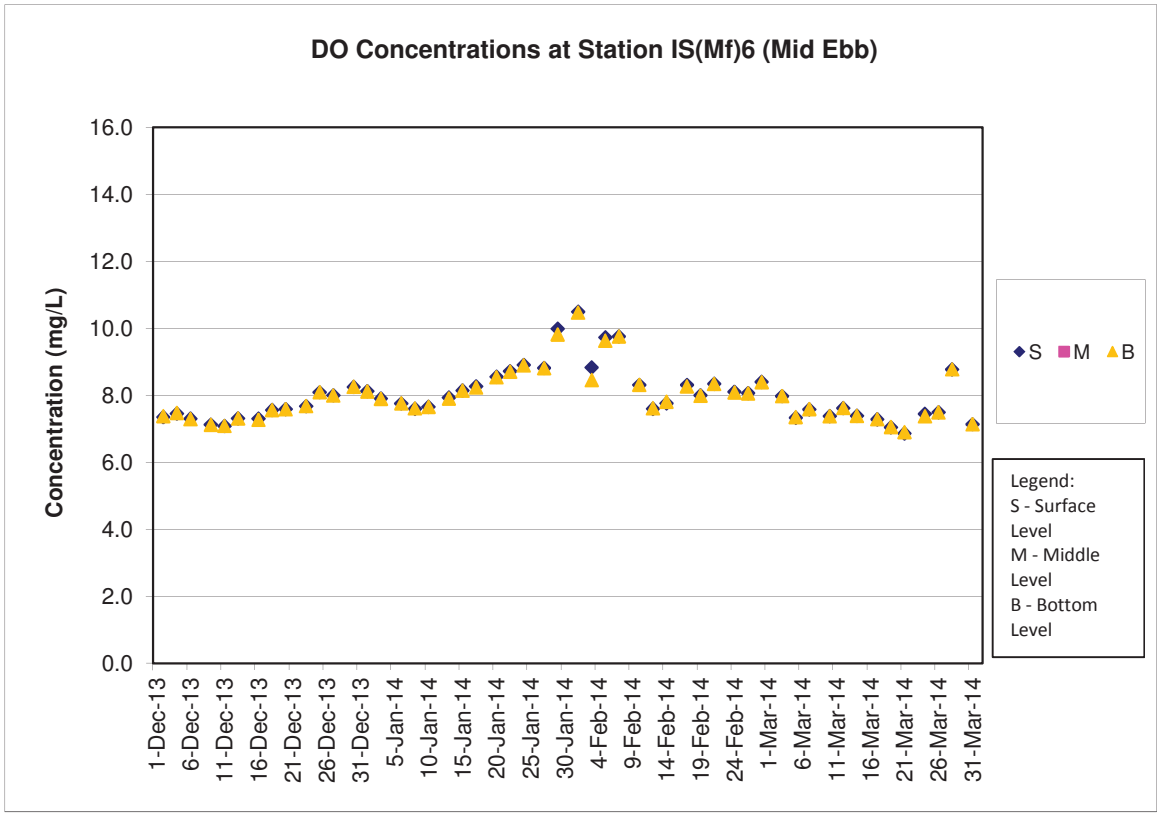

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

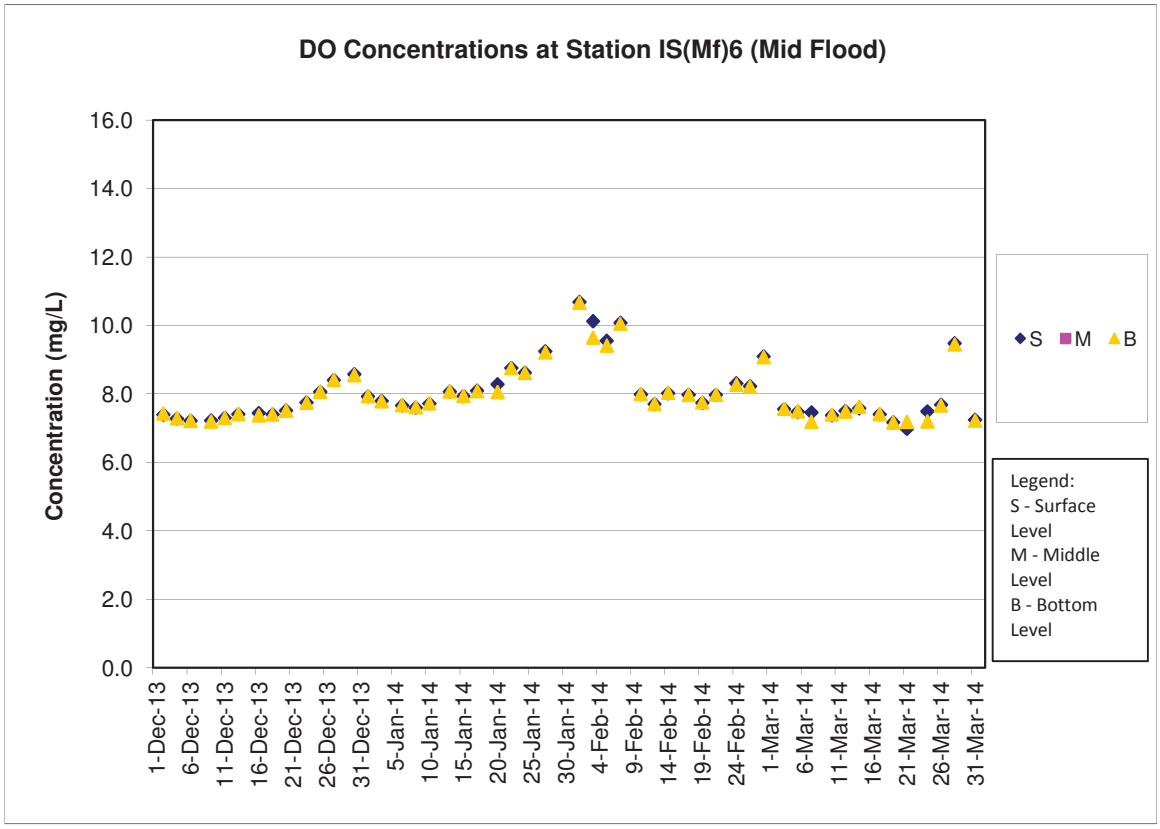

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

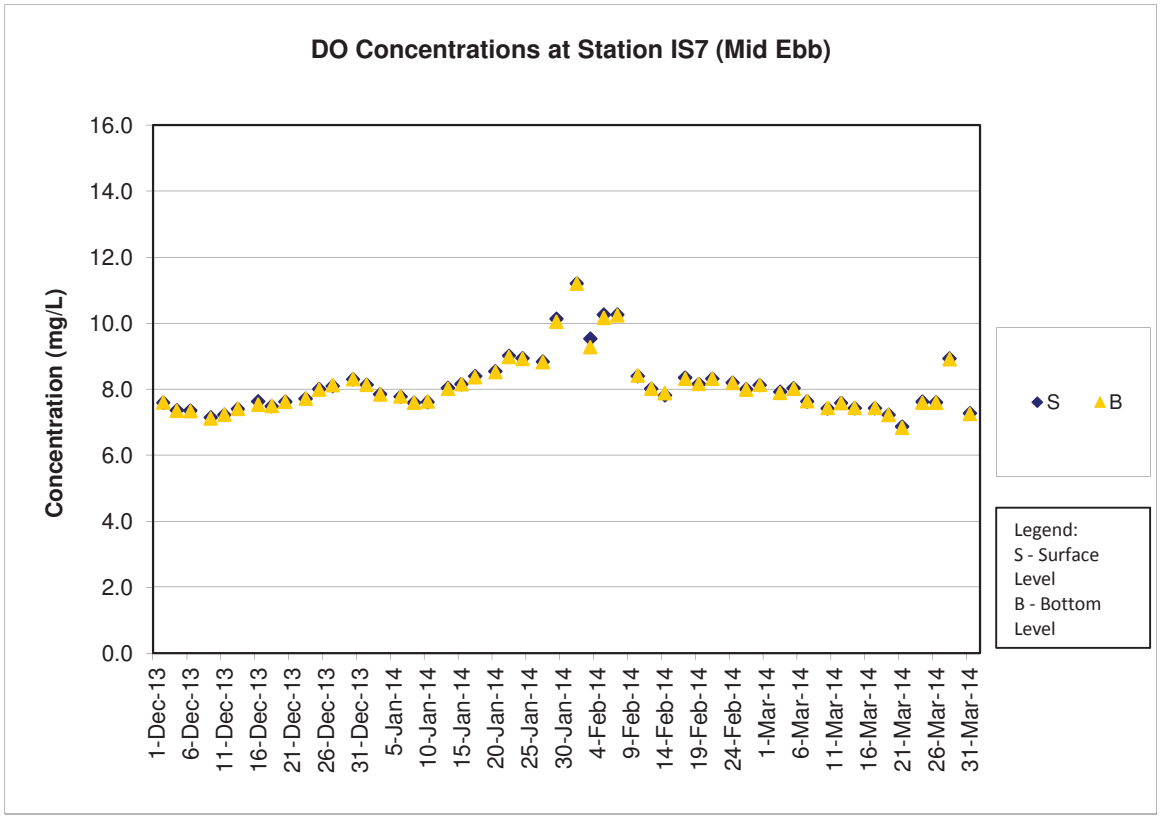

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

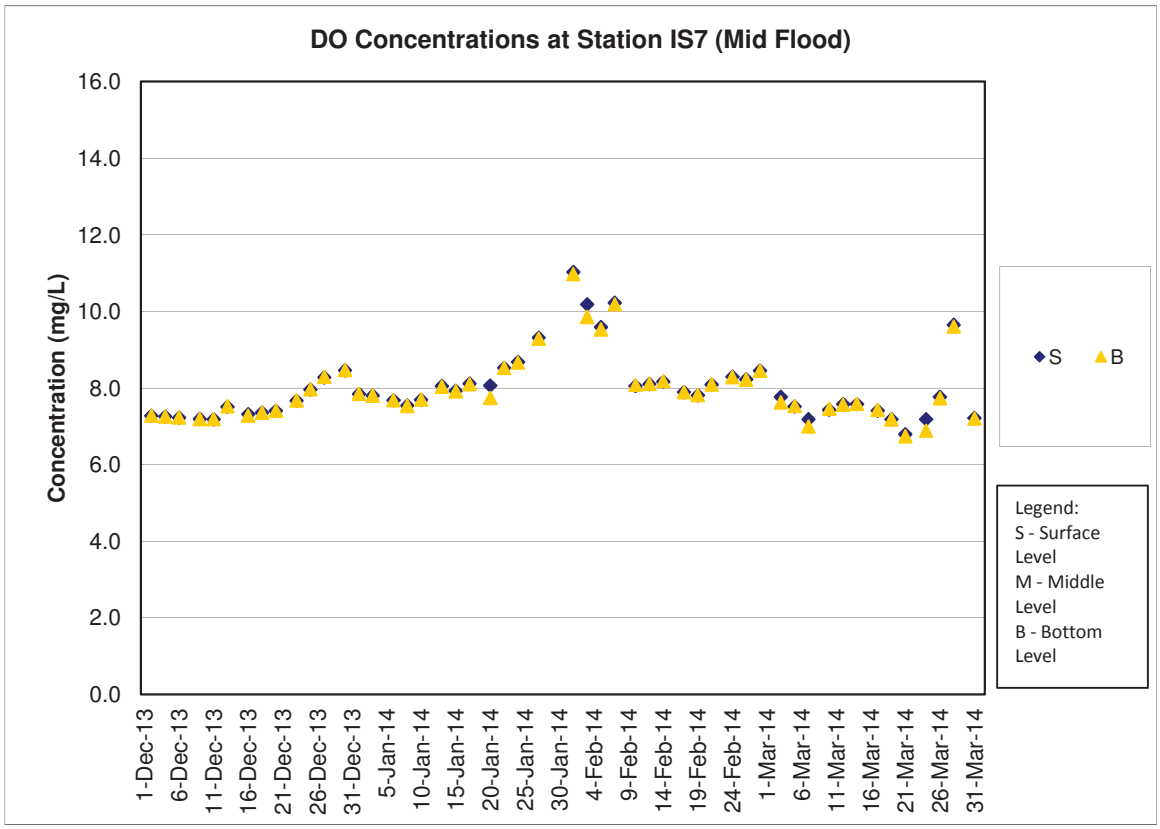

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

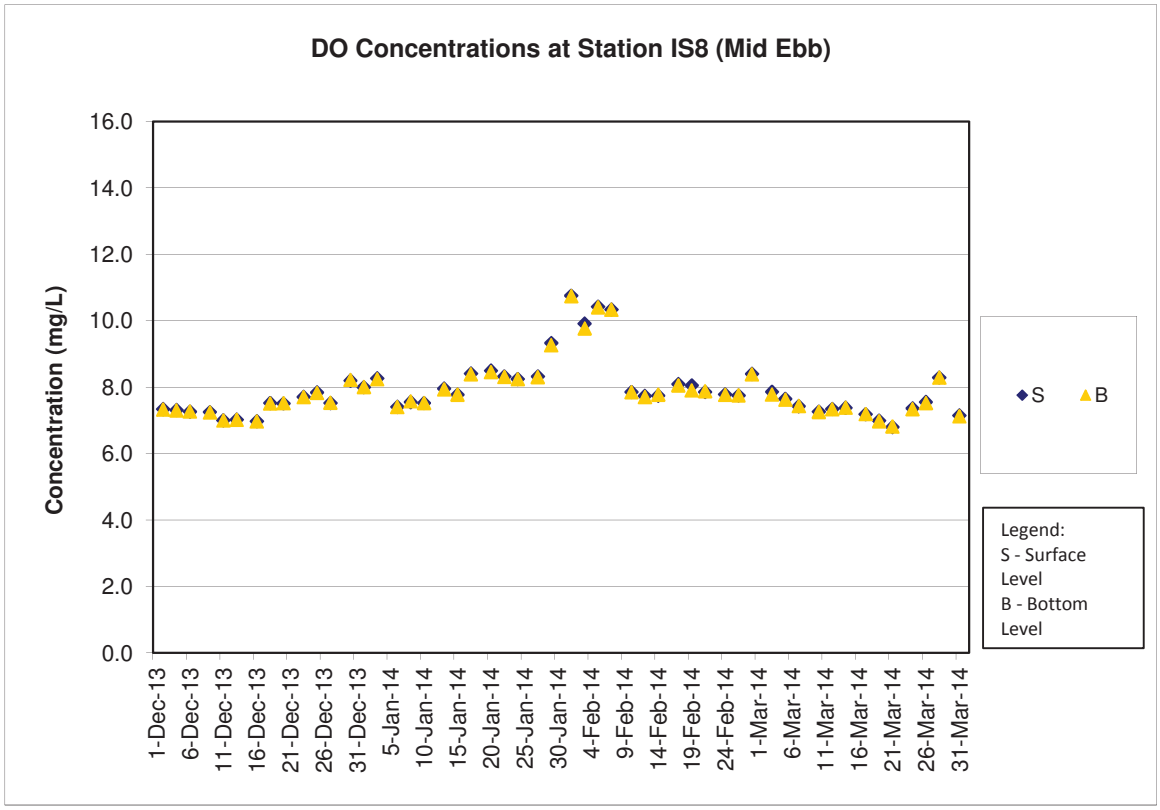

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

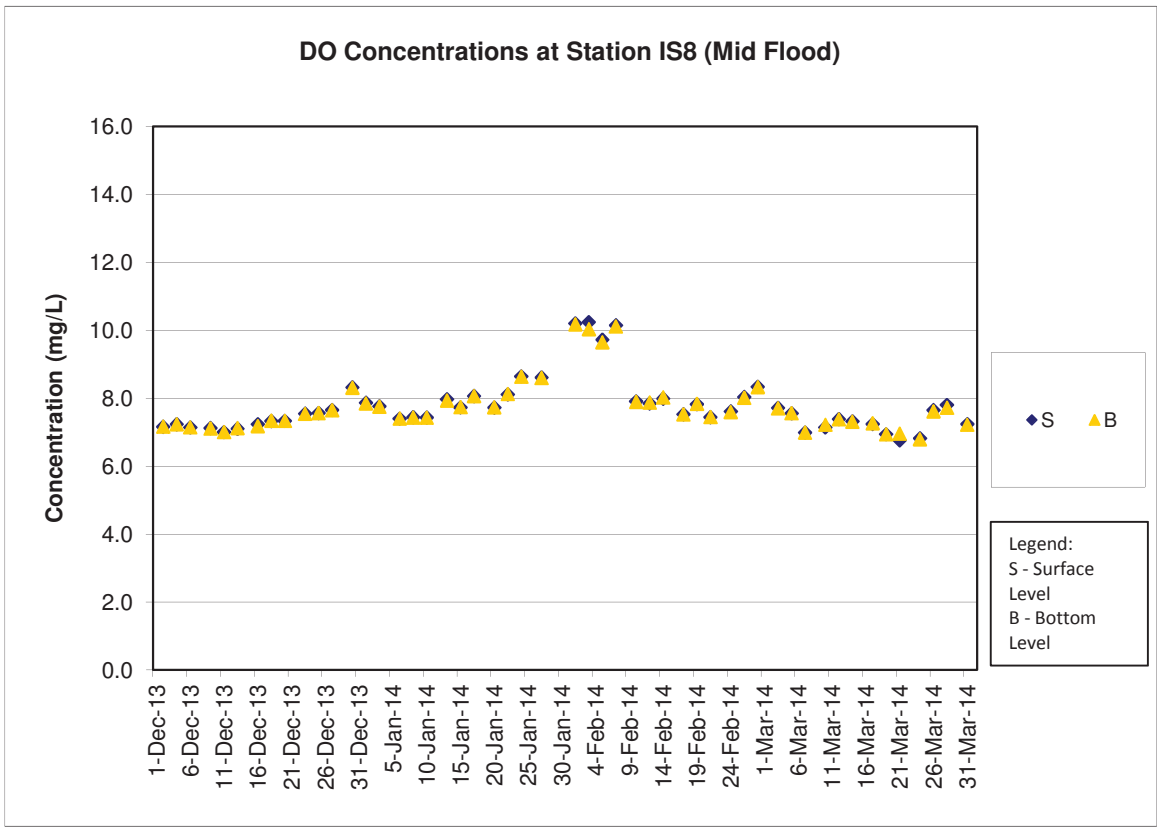

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

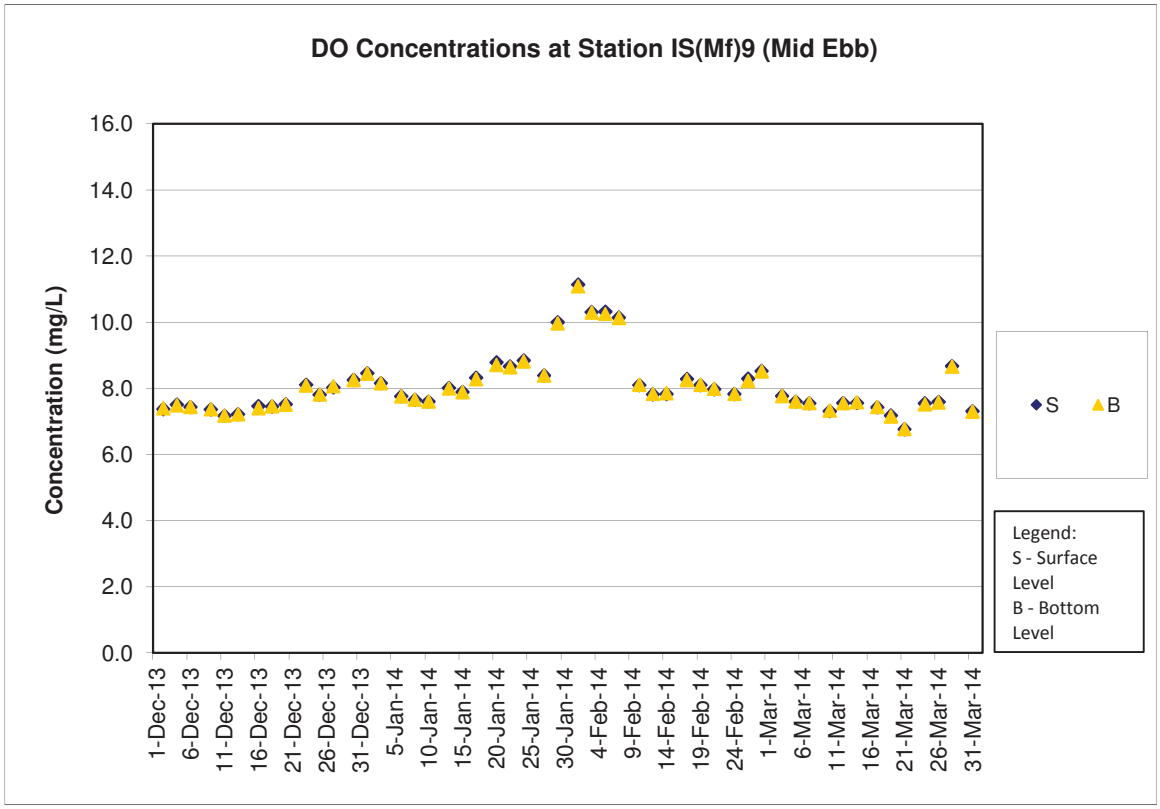

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

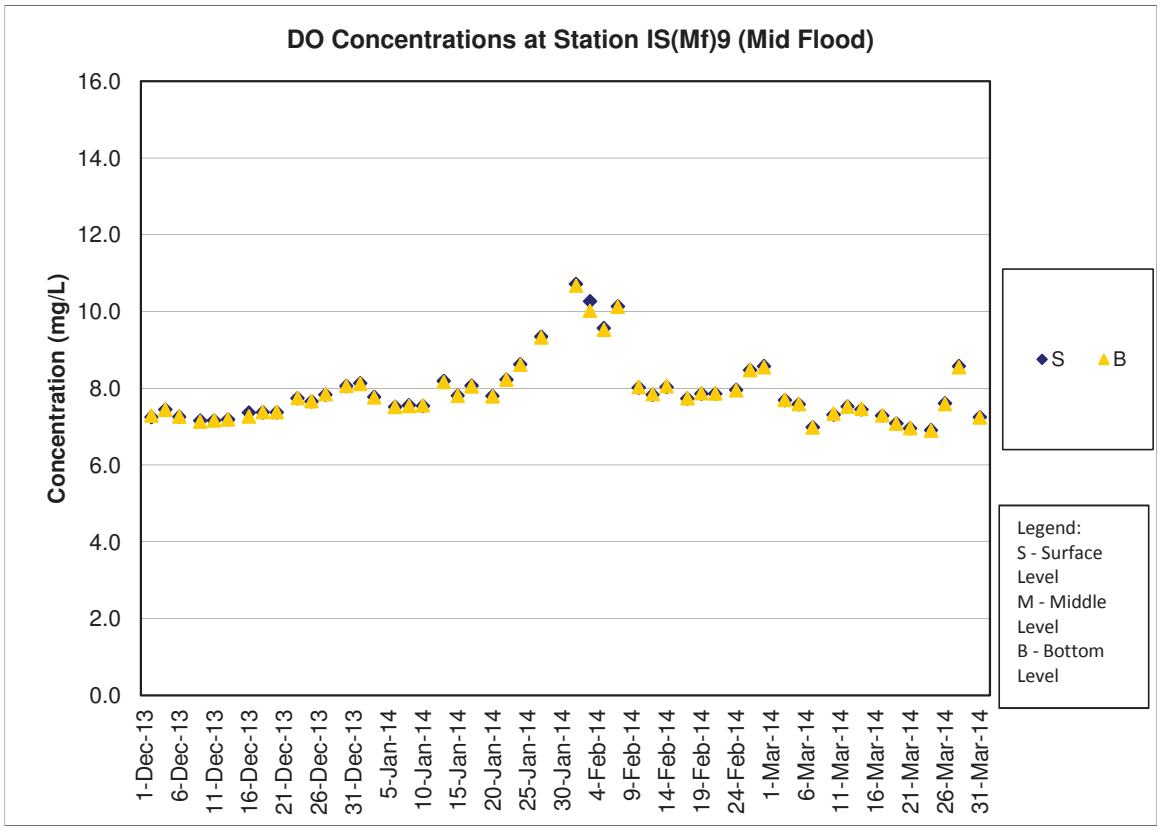

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

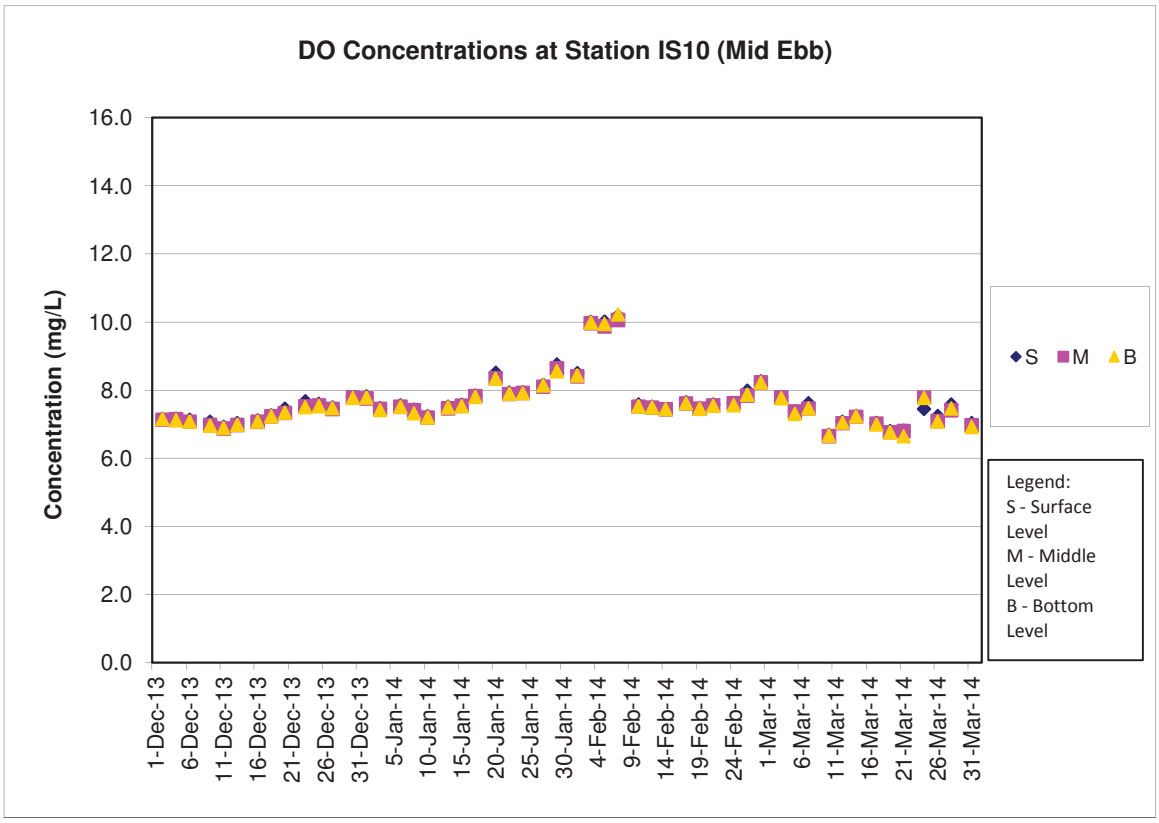

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

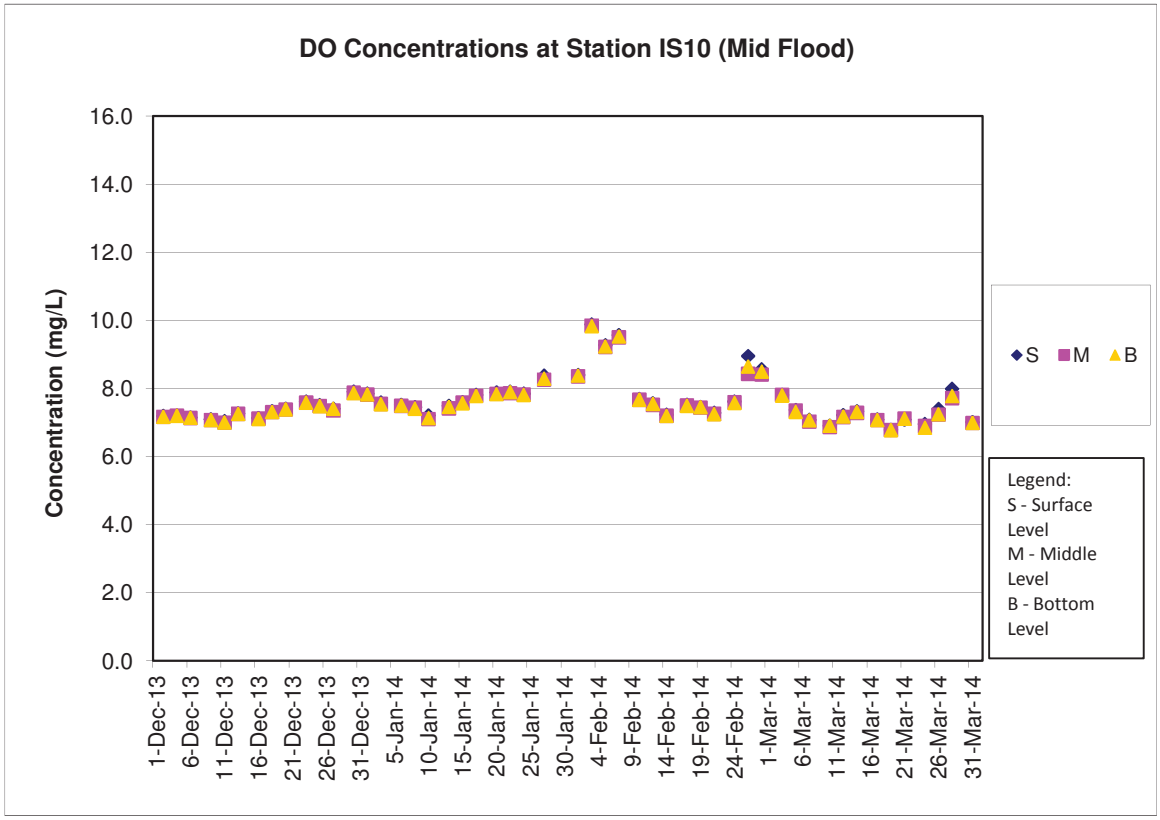

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

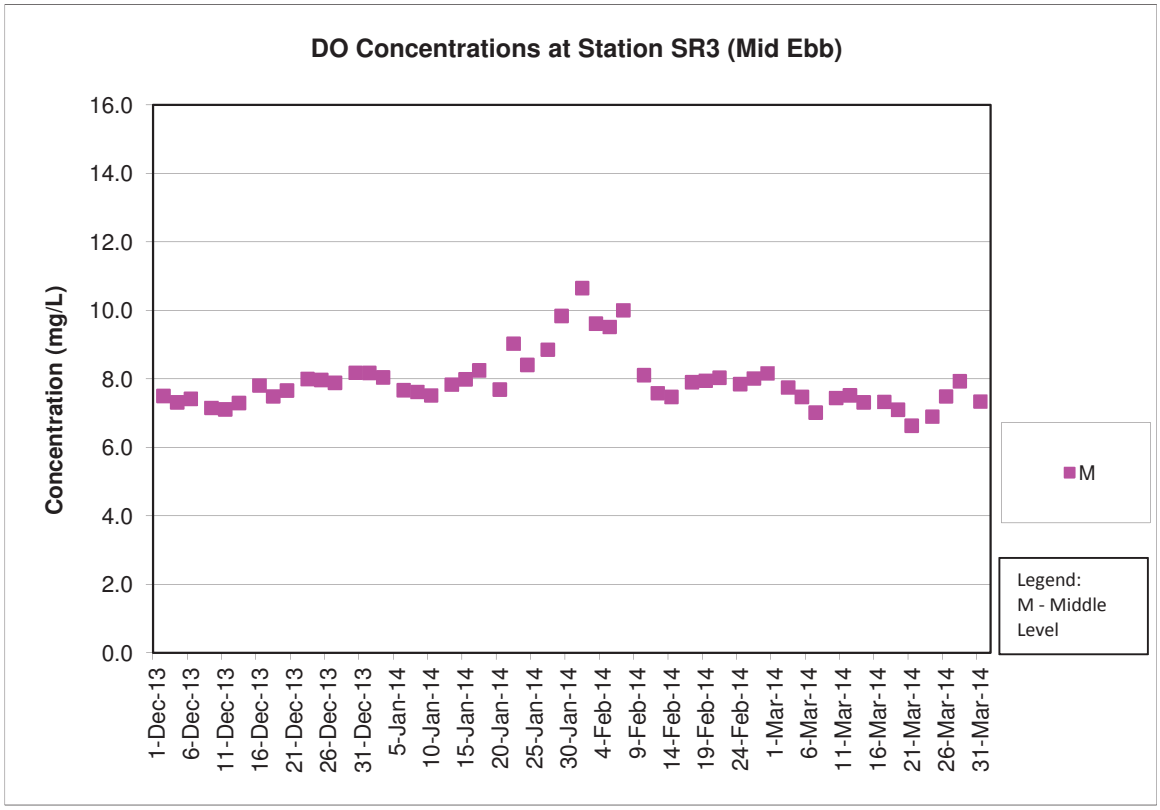

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

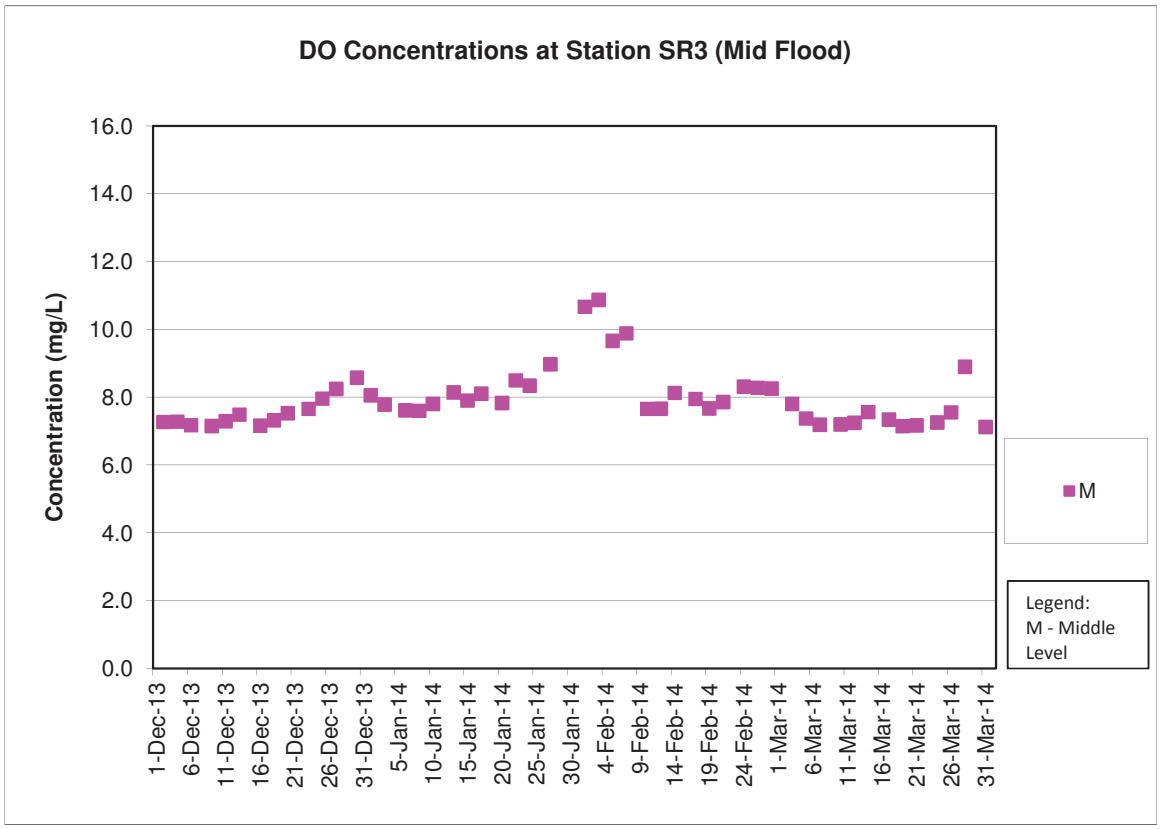

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

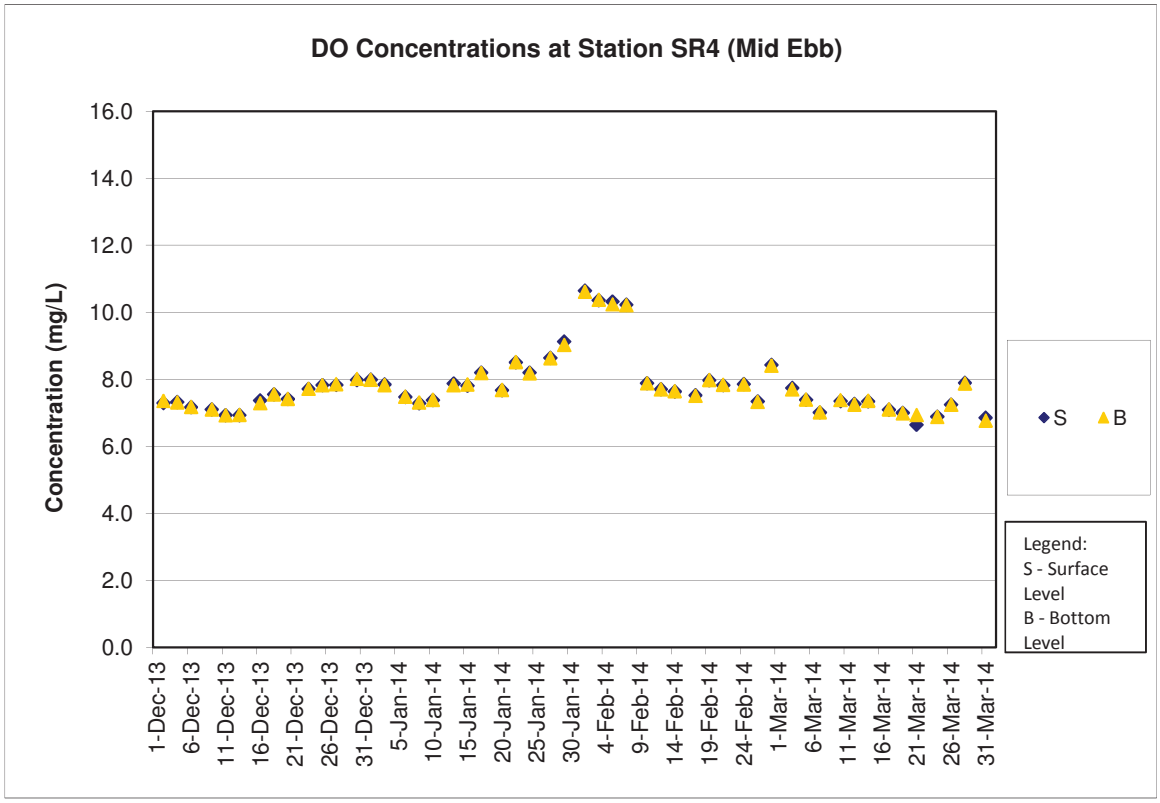

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

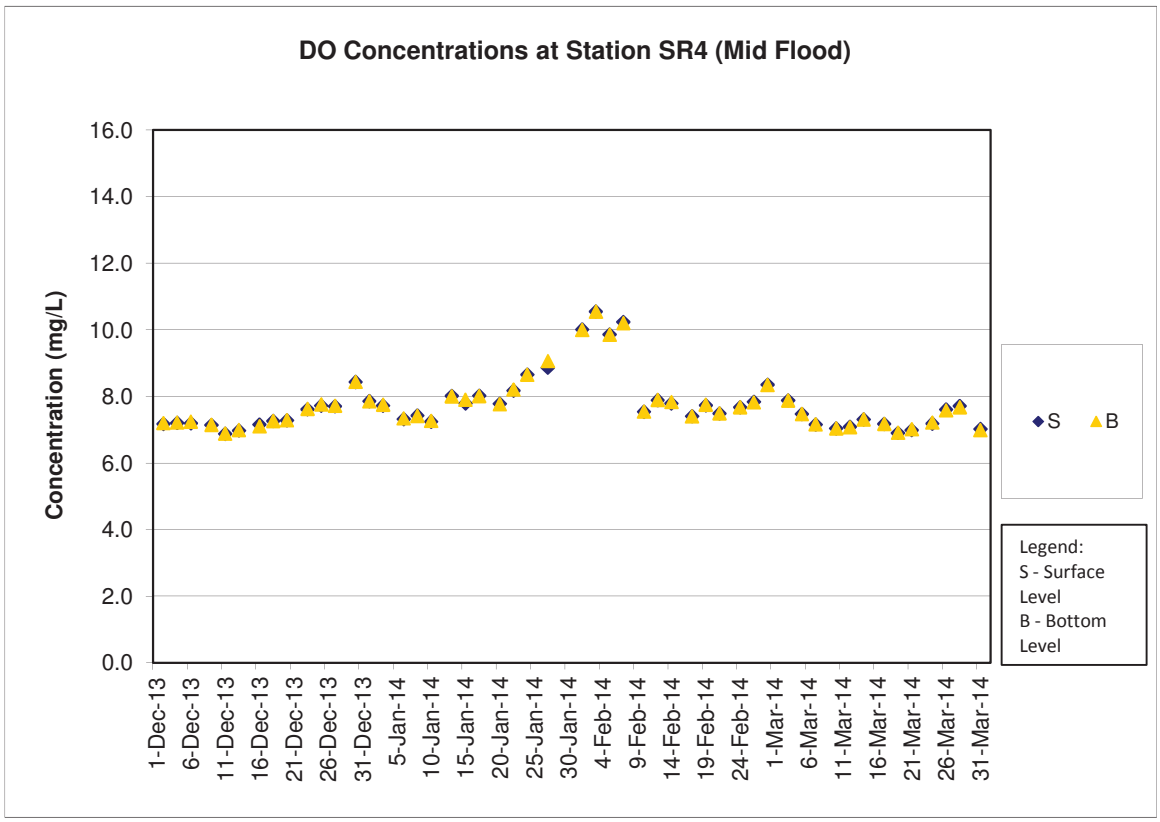

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

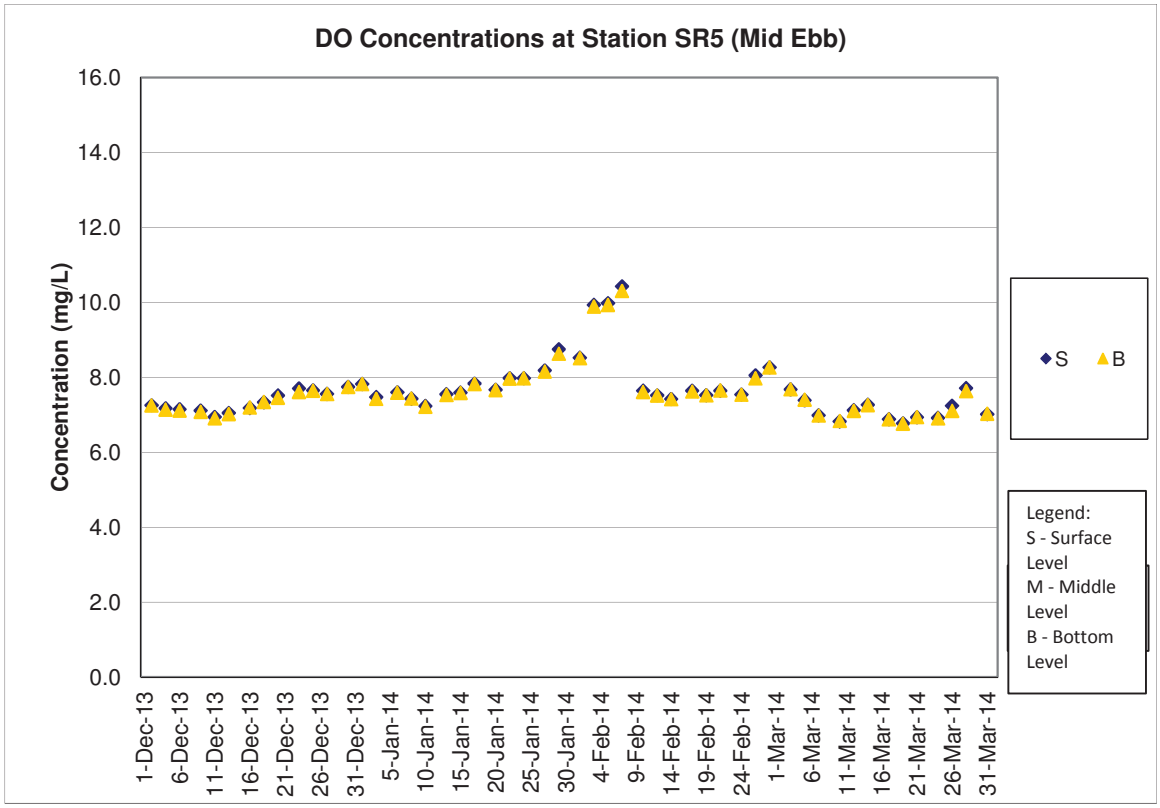

DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

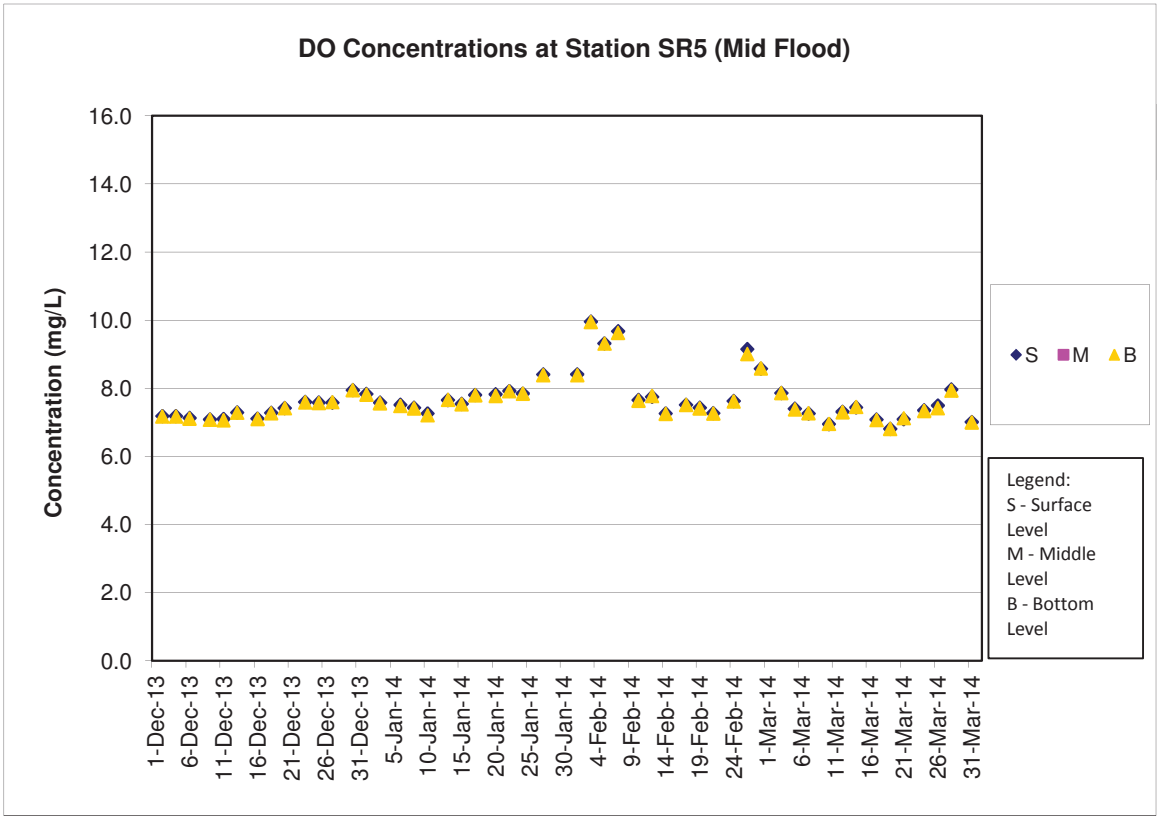

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
M
Legend:
M - Middle
Level

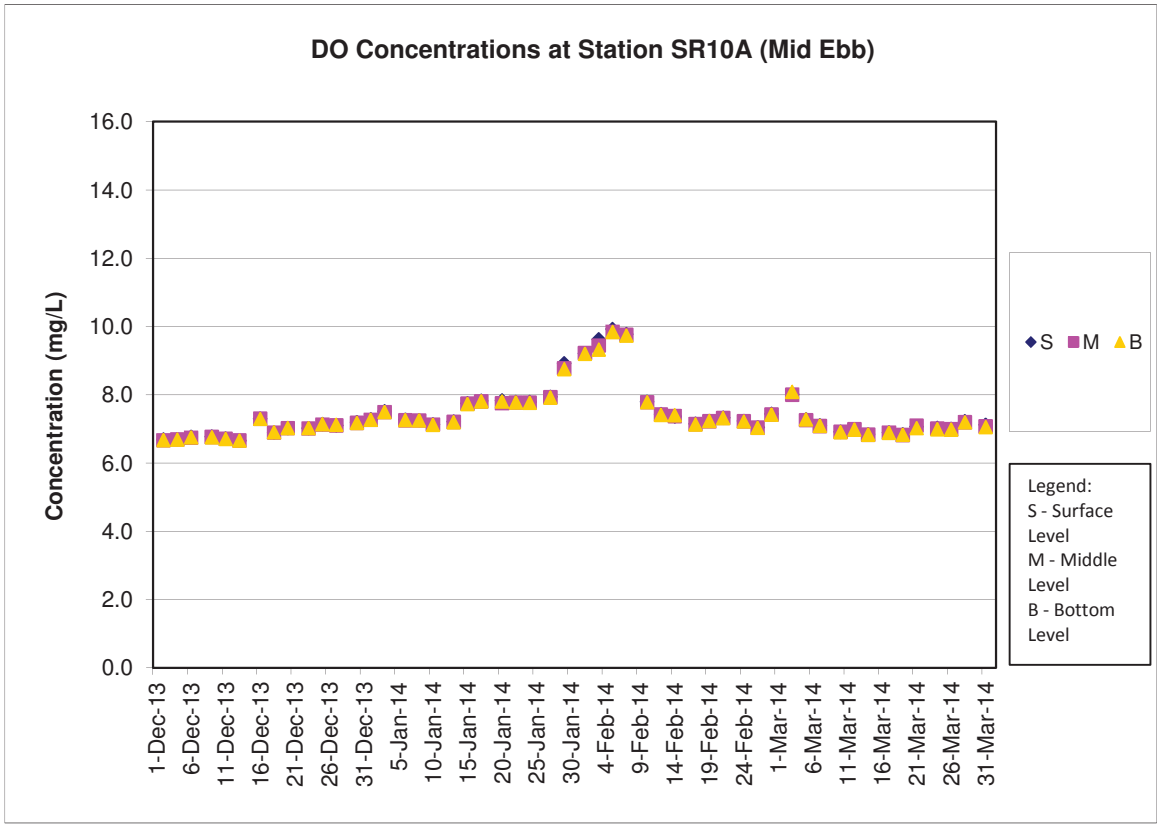

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
M
Legend:
M - Middle
Level

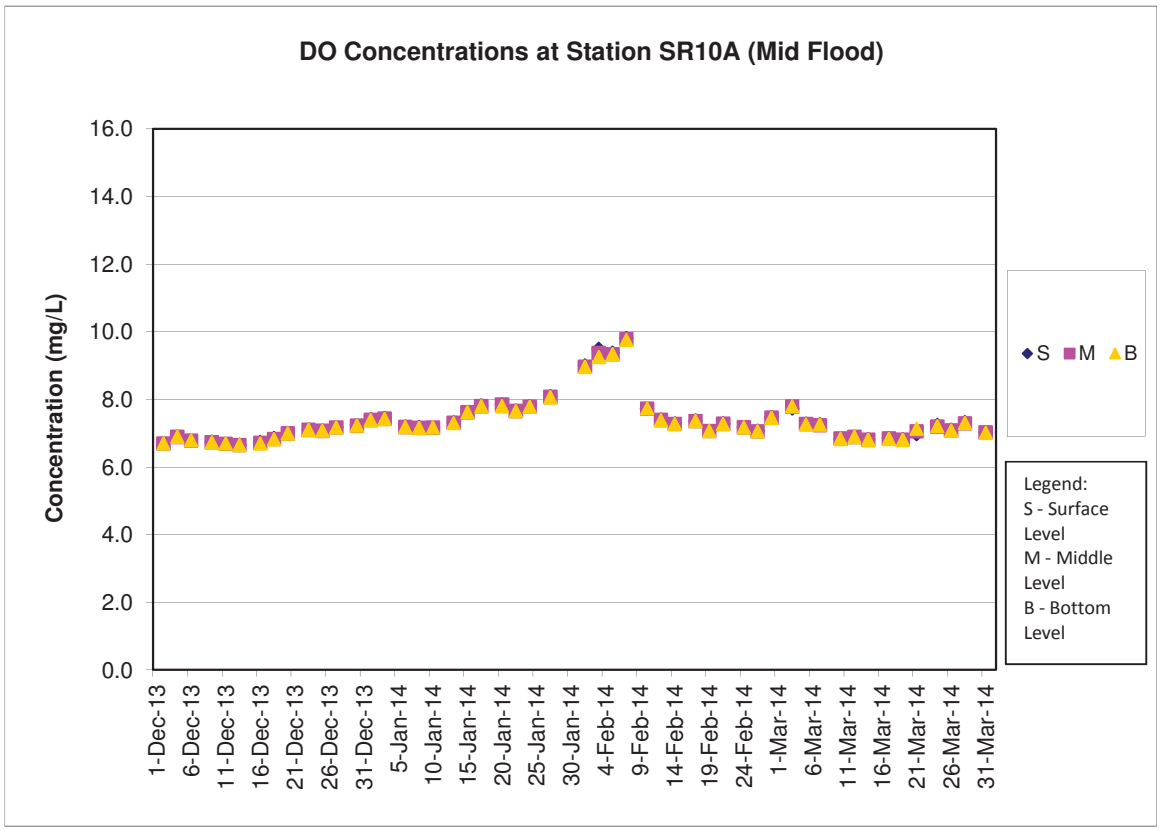

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

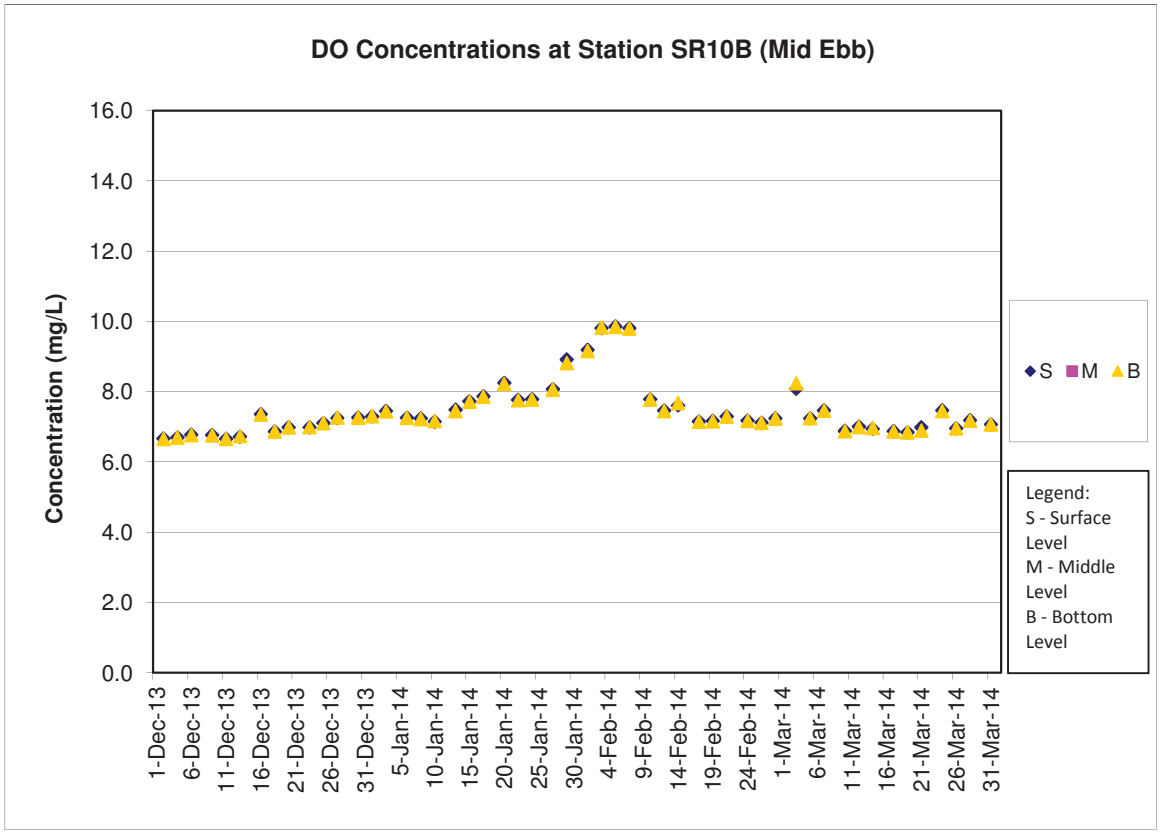

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

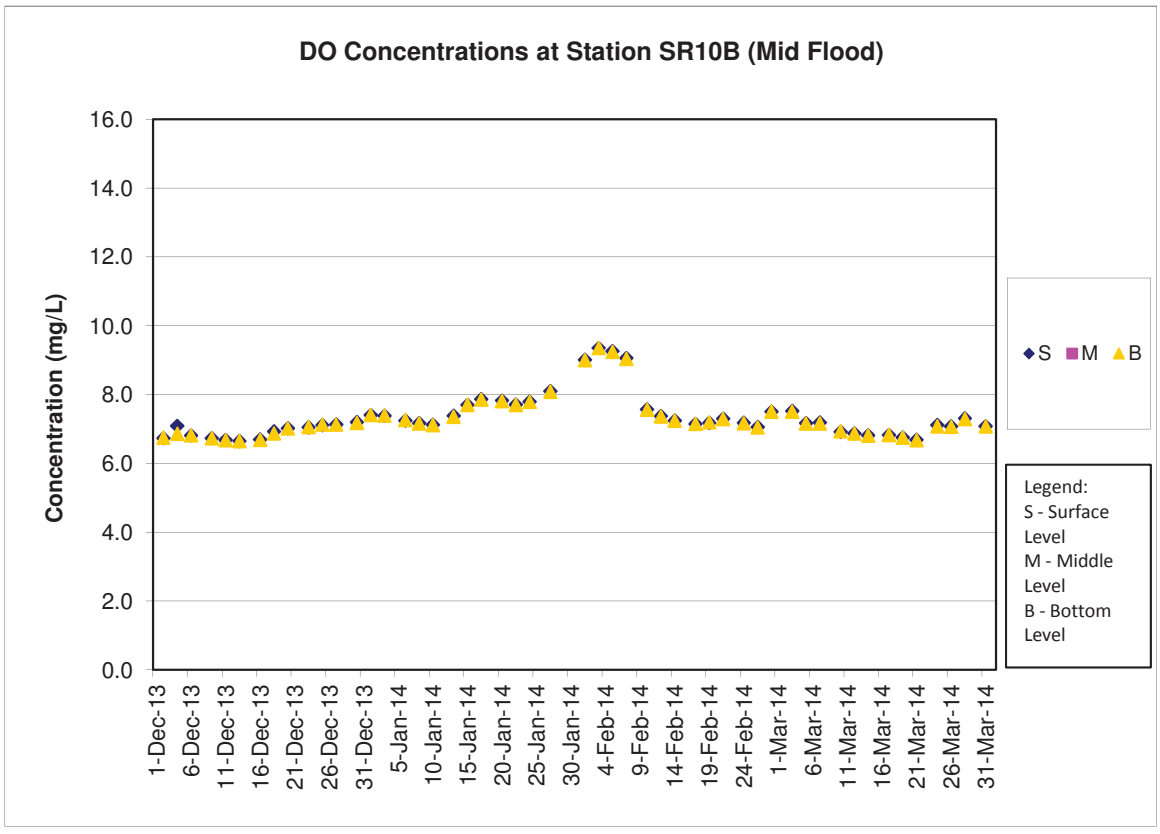

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

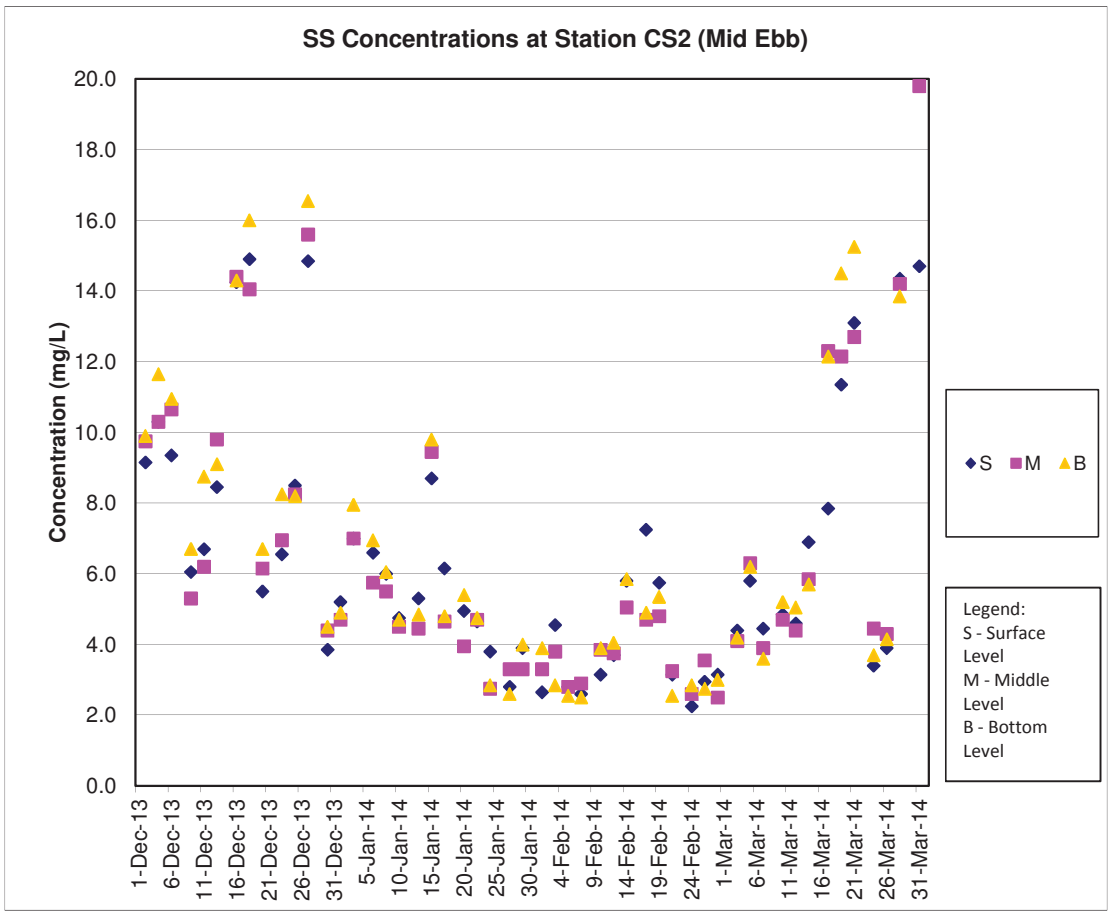

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

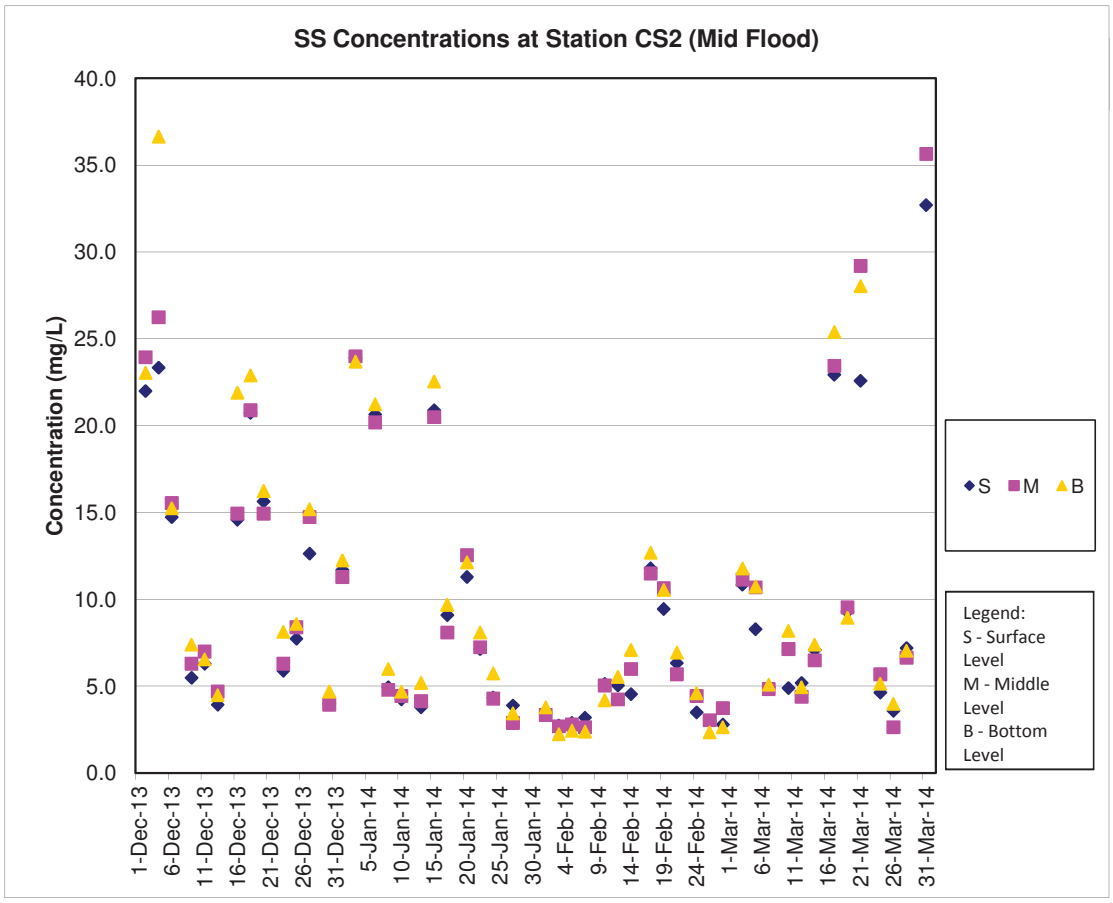

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

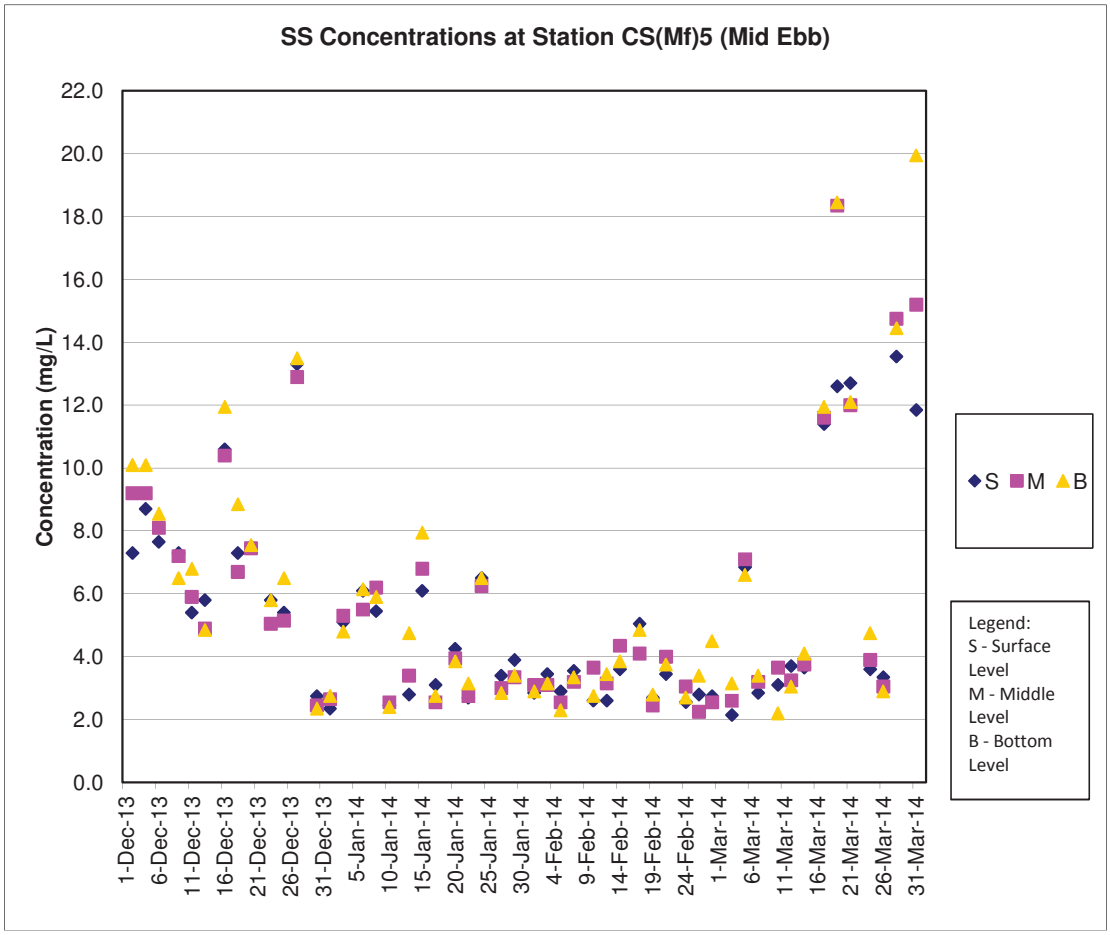

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

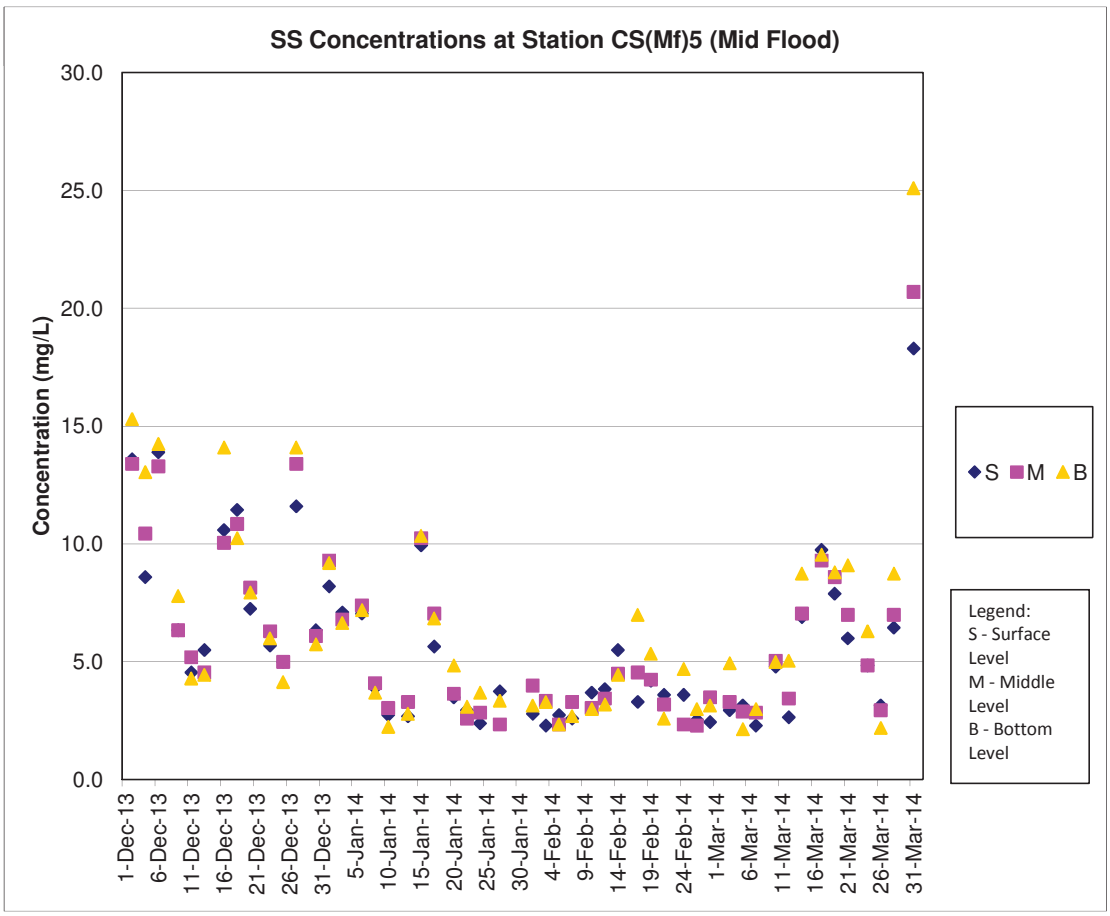

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

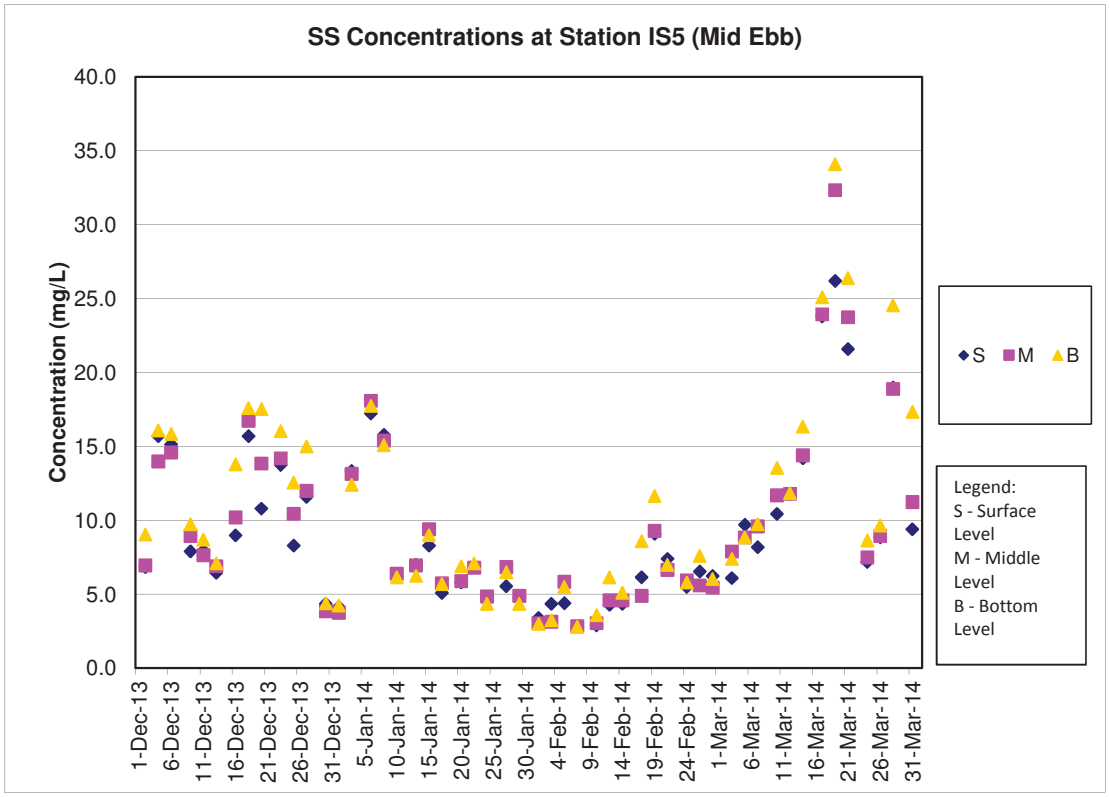

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

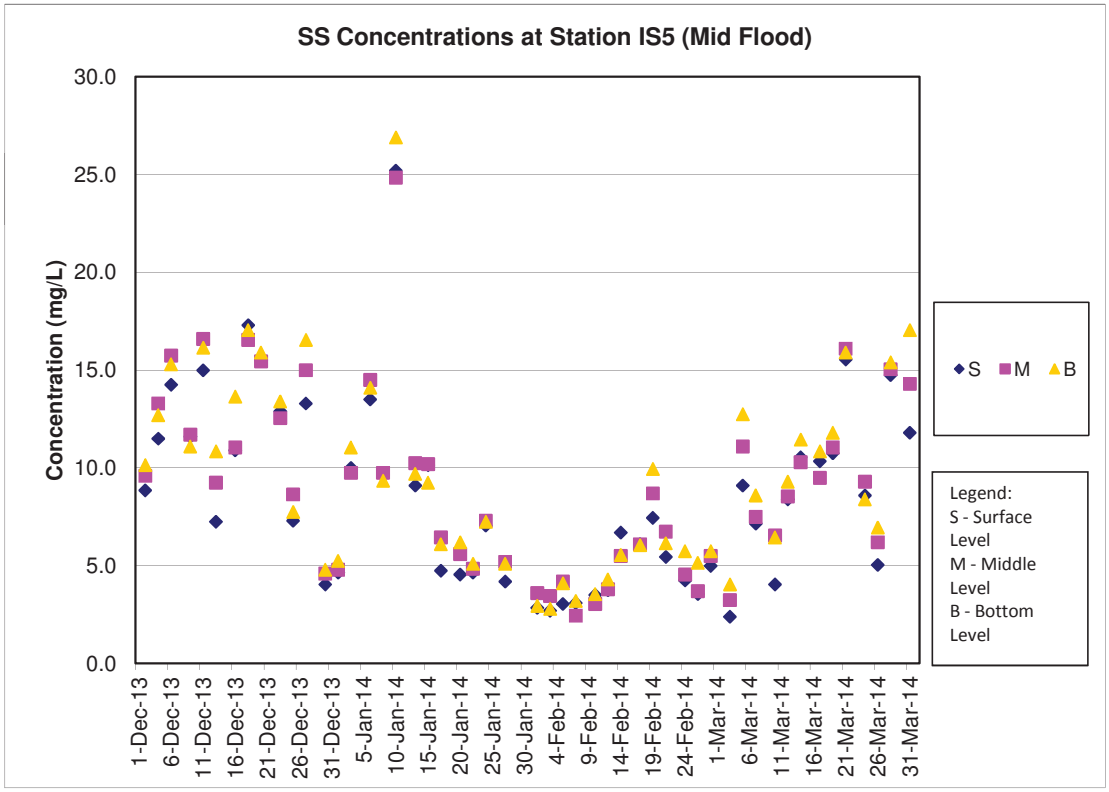

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

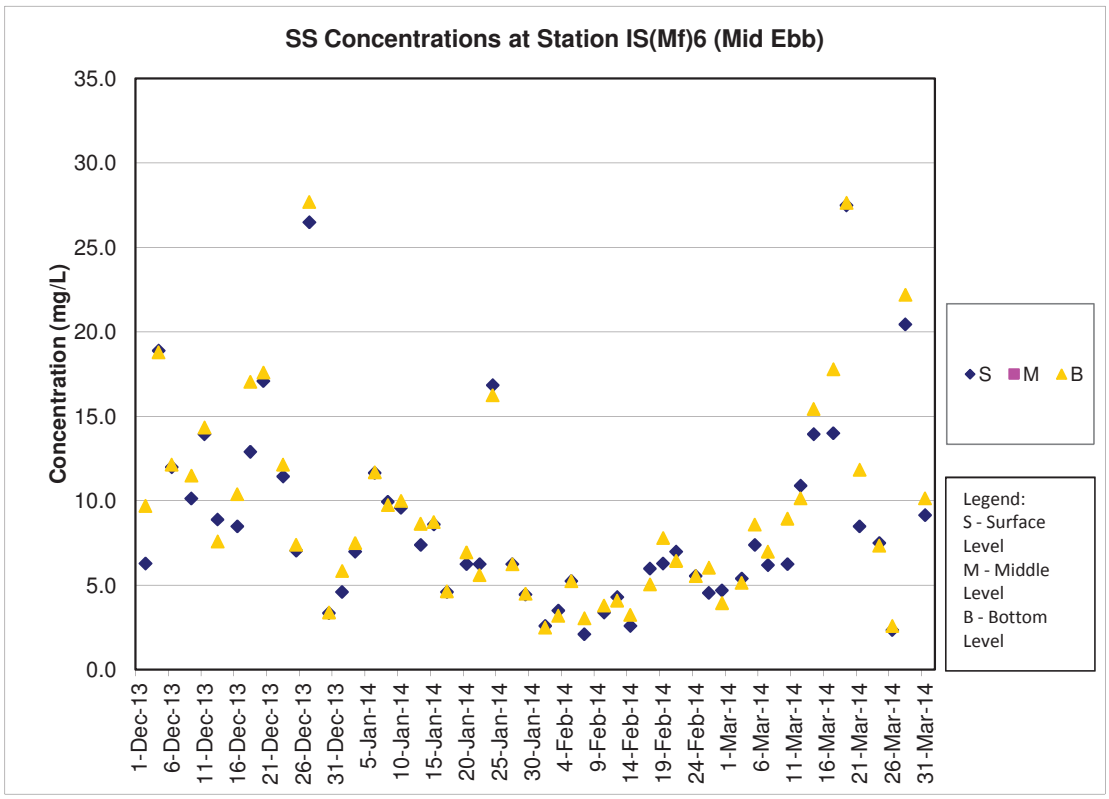

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

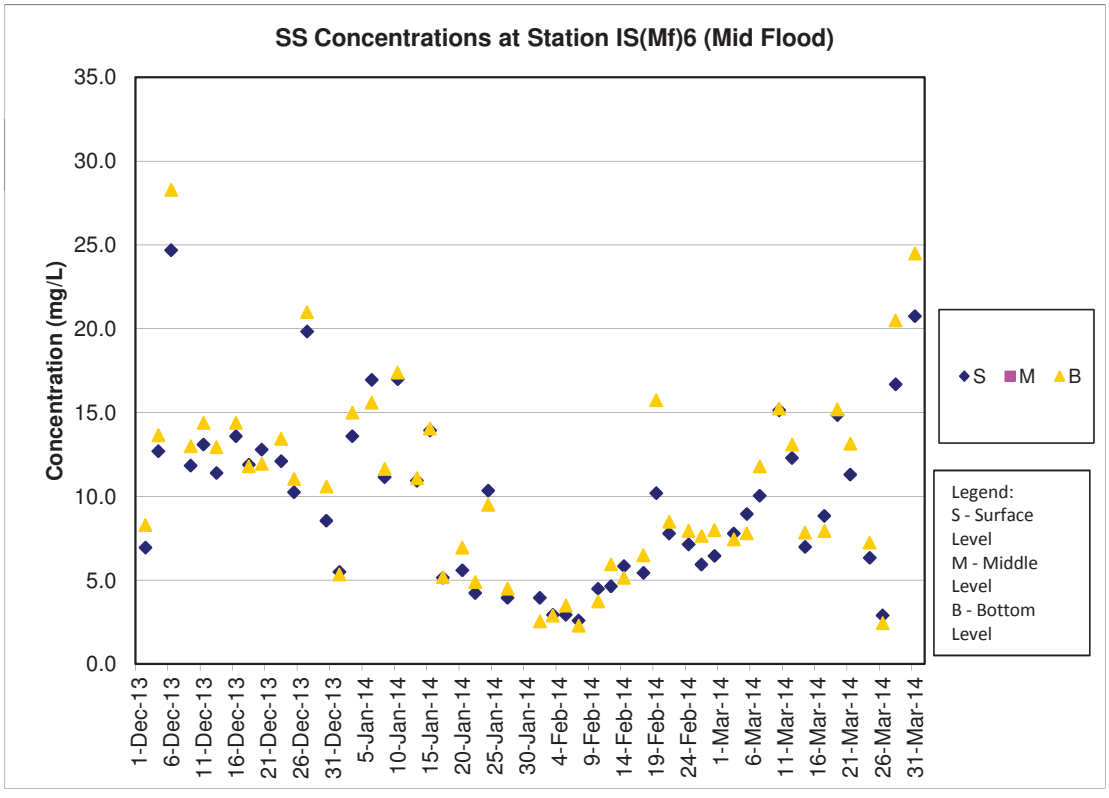

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
22.0
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

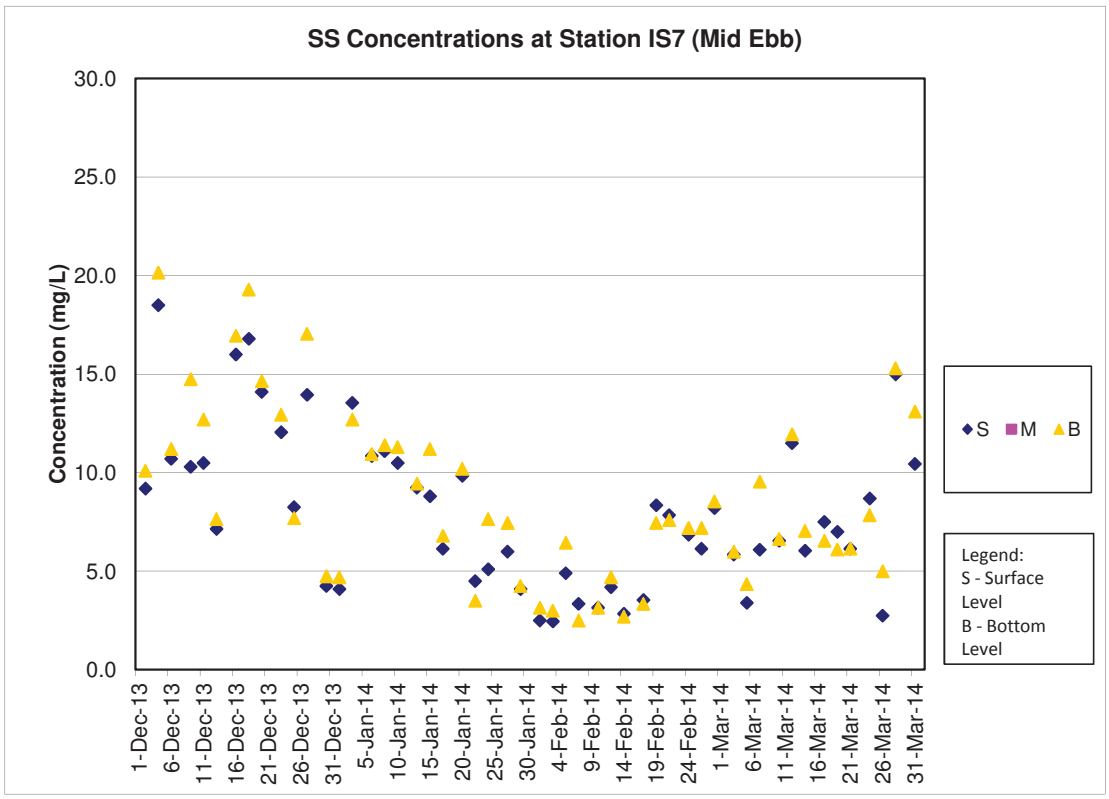

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

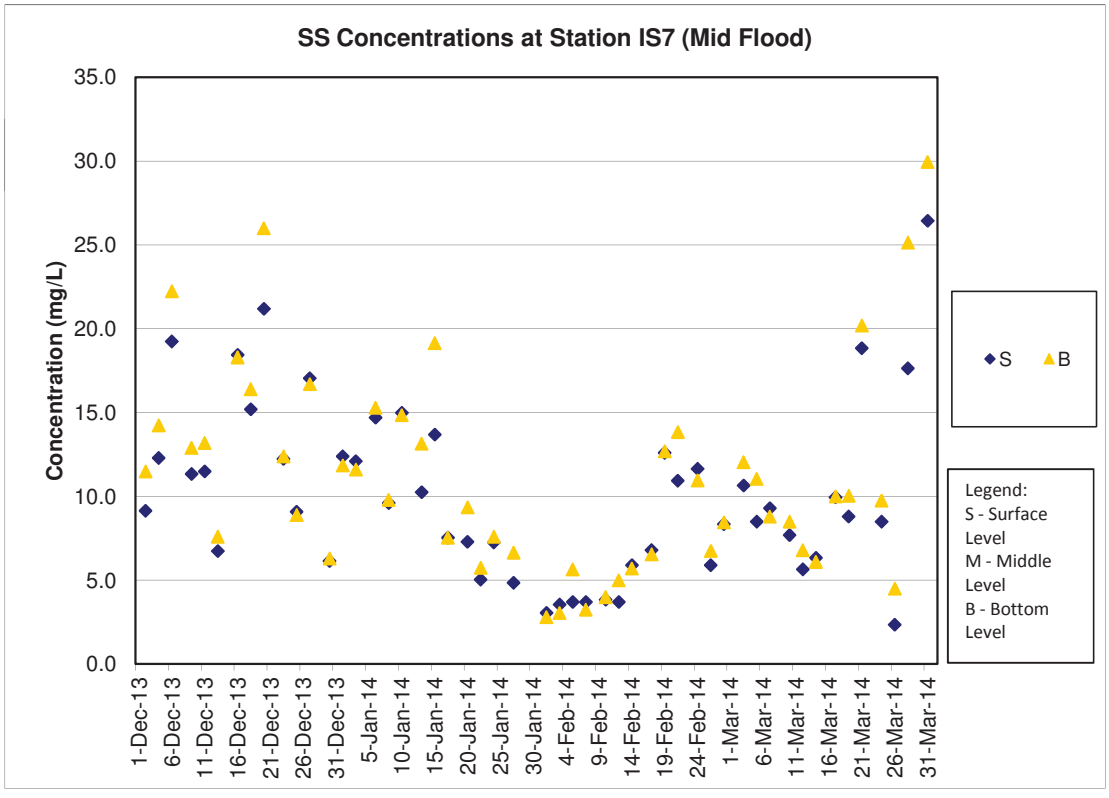

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

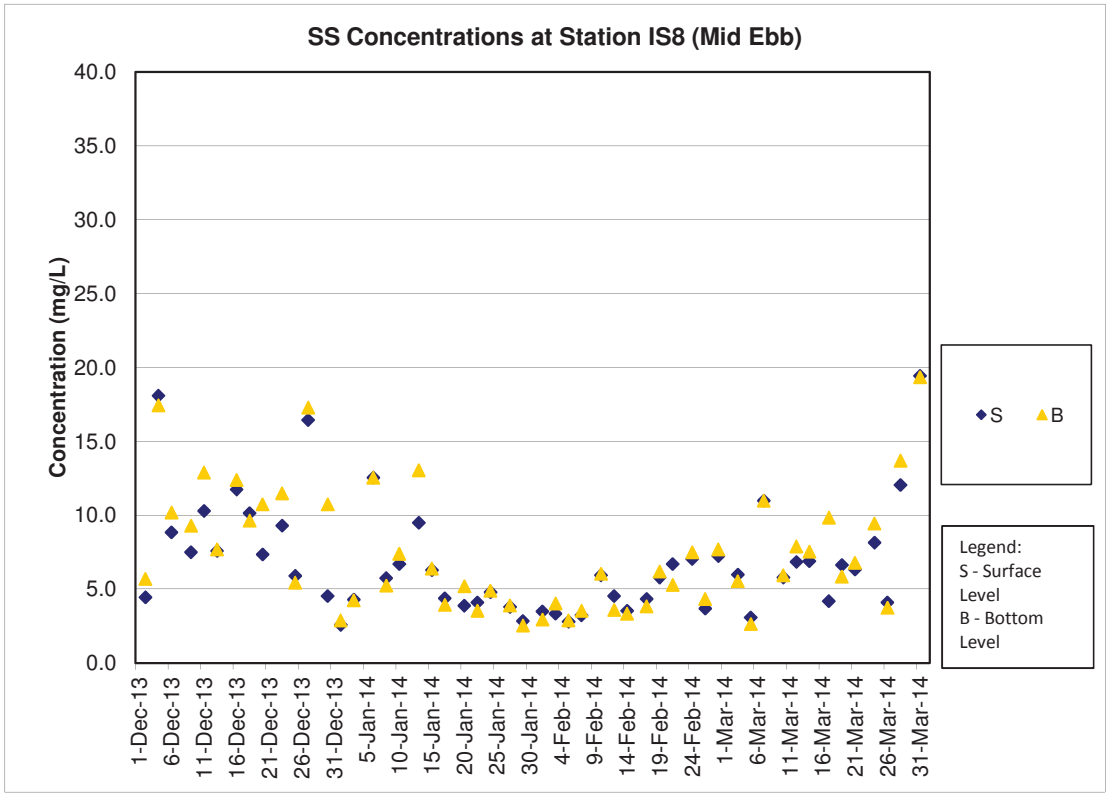

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

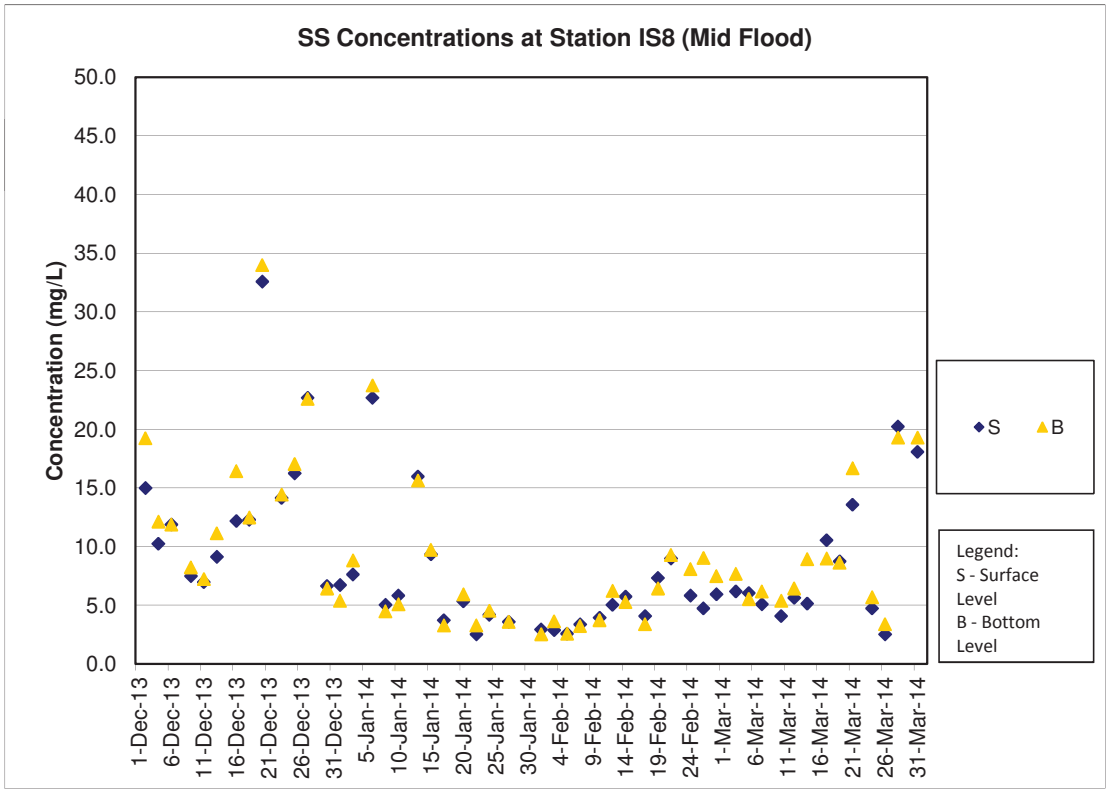

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

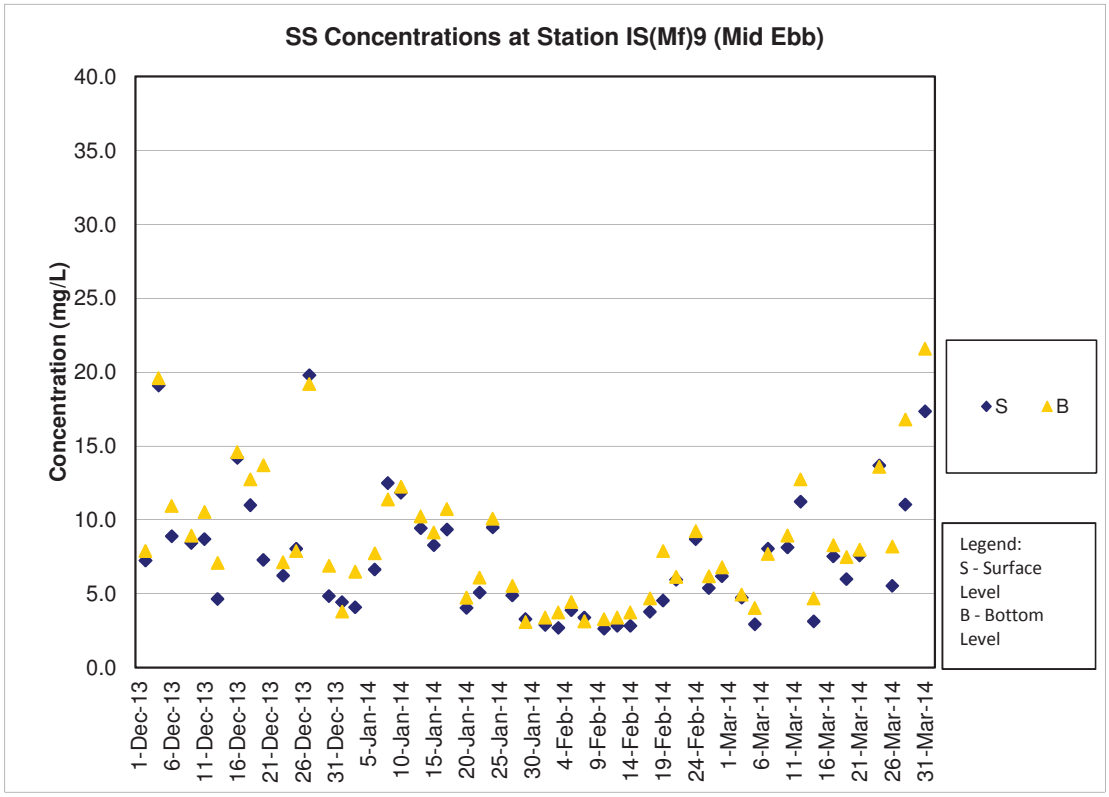

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

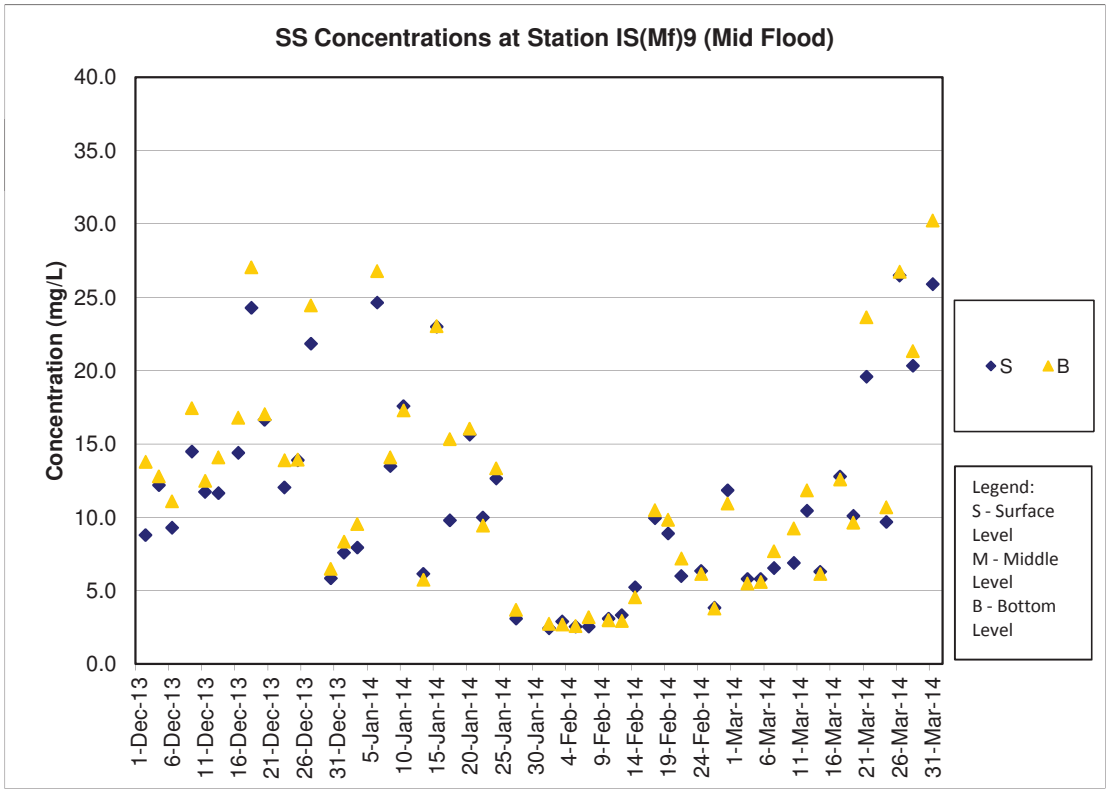

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
B - Bottom Level

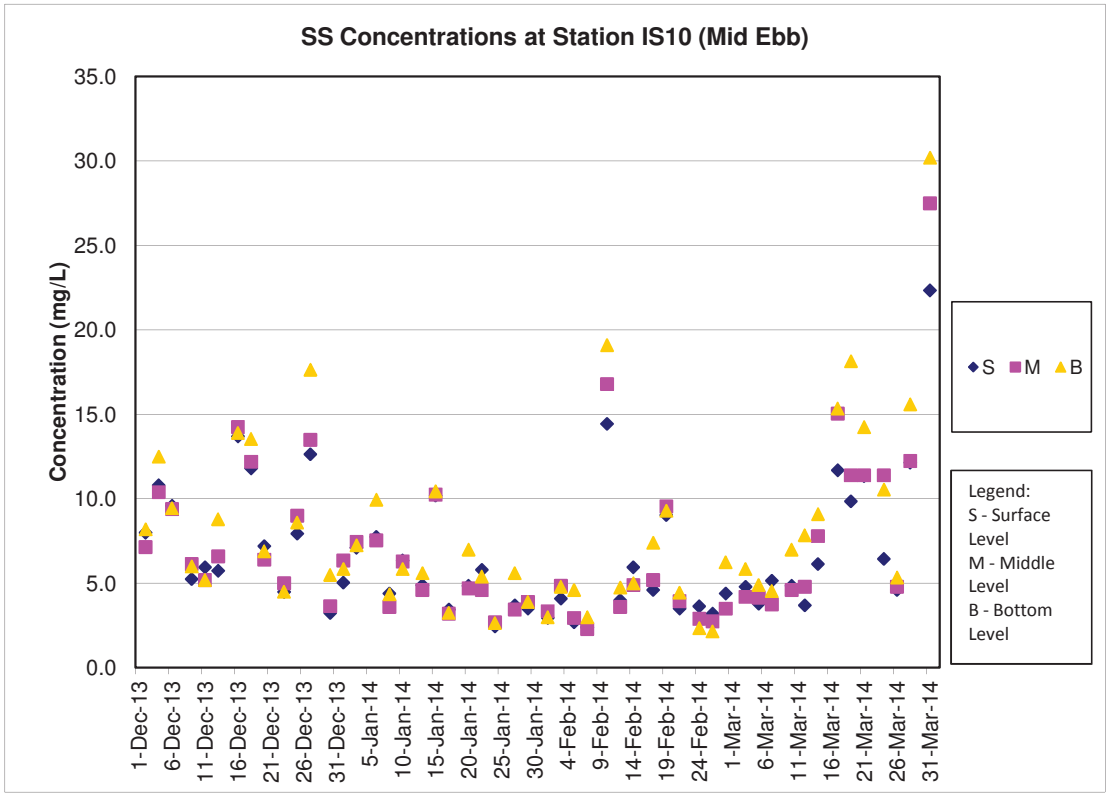

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

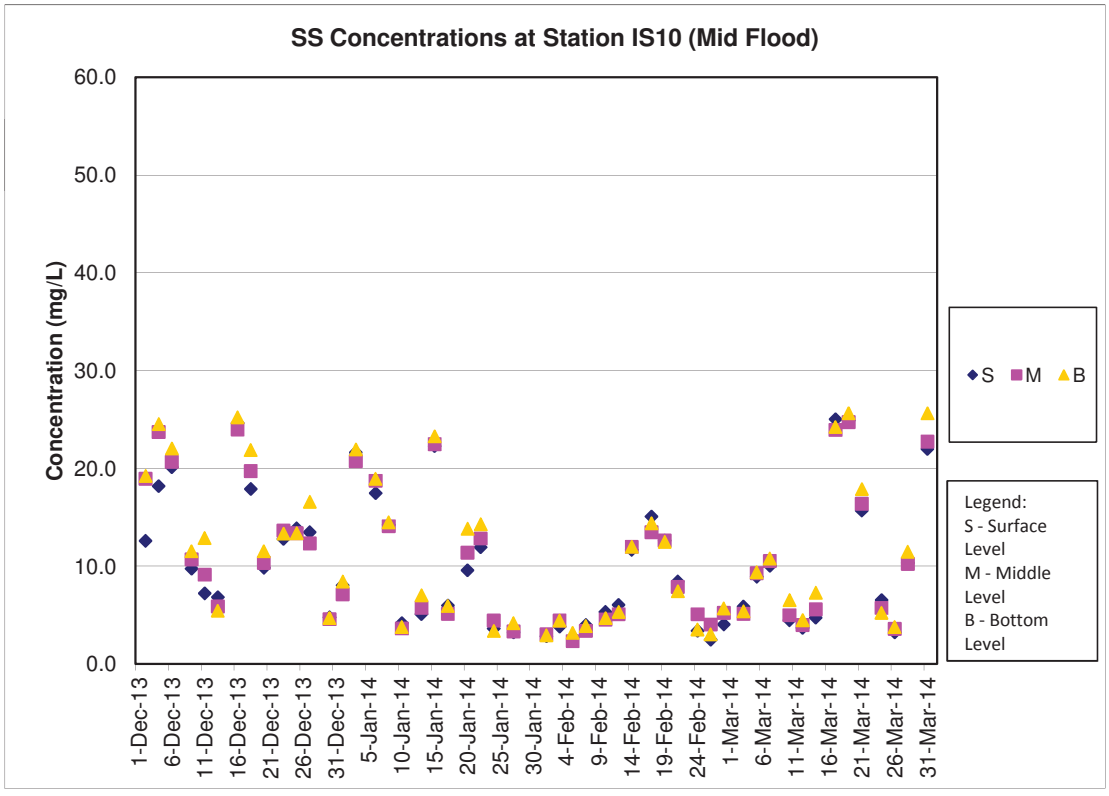

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

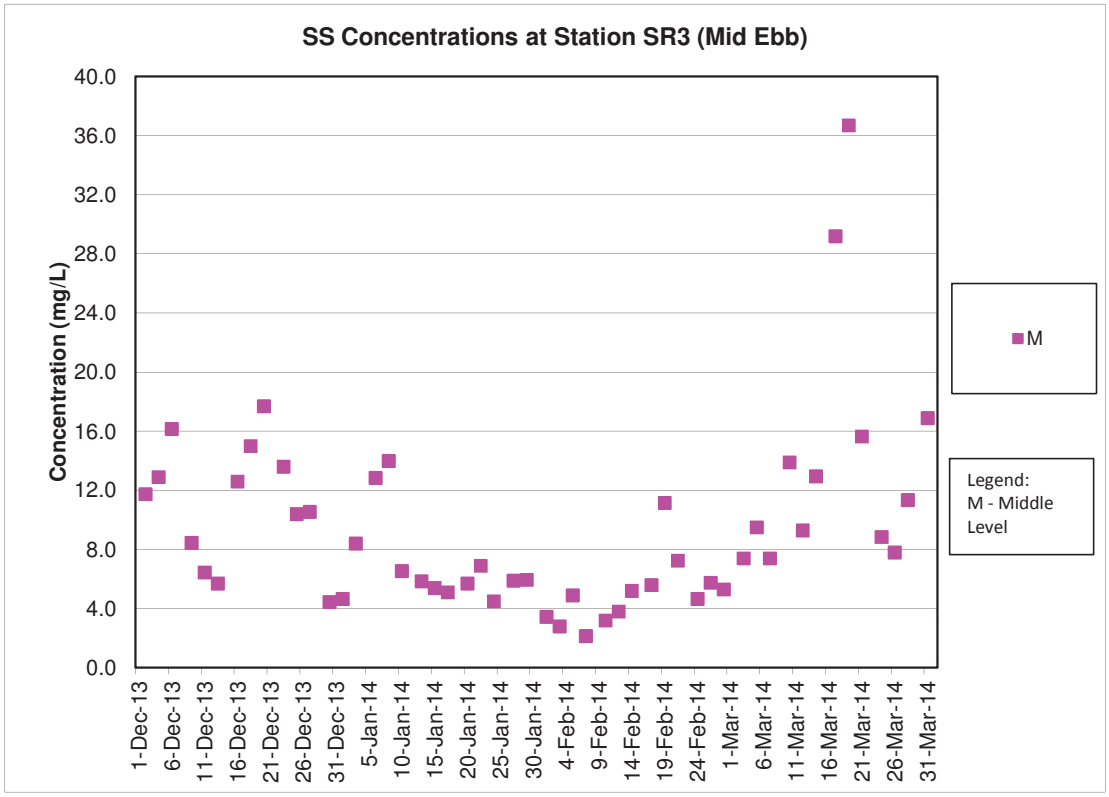

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

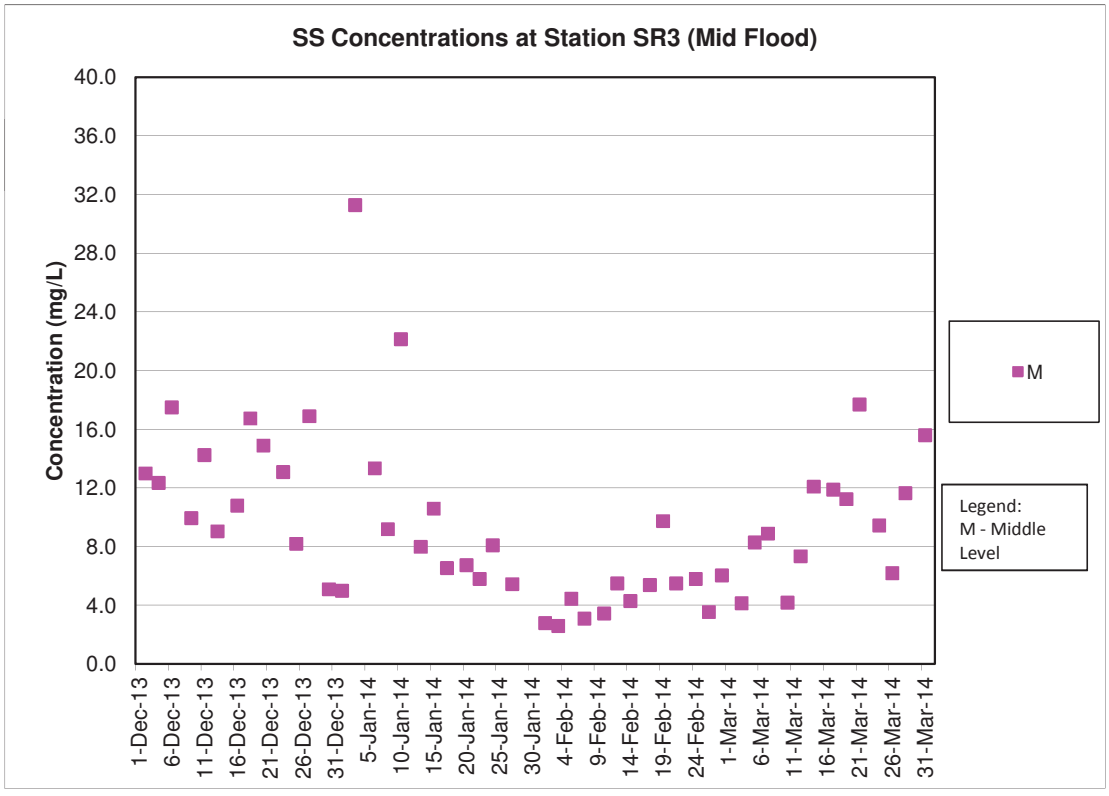

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

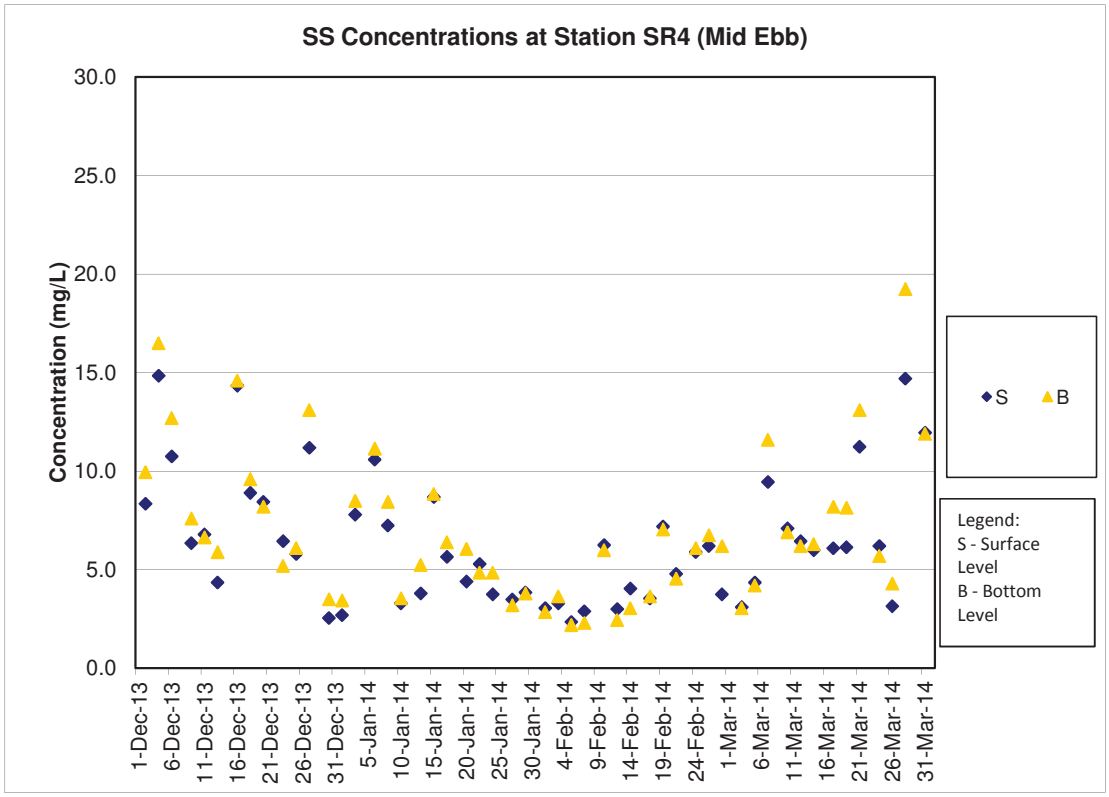

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

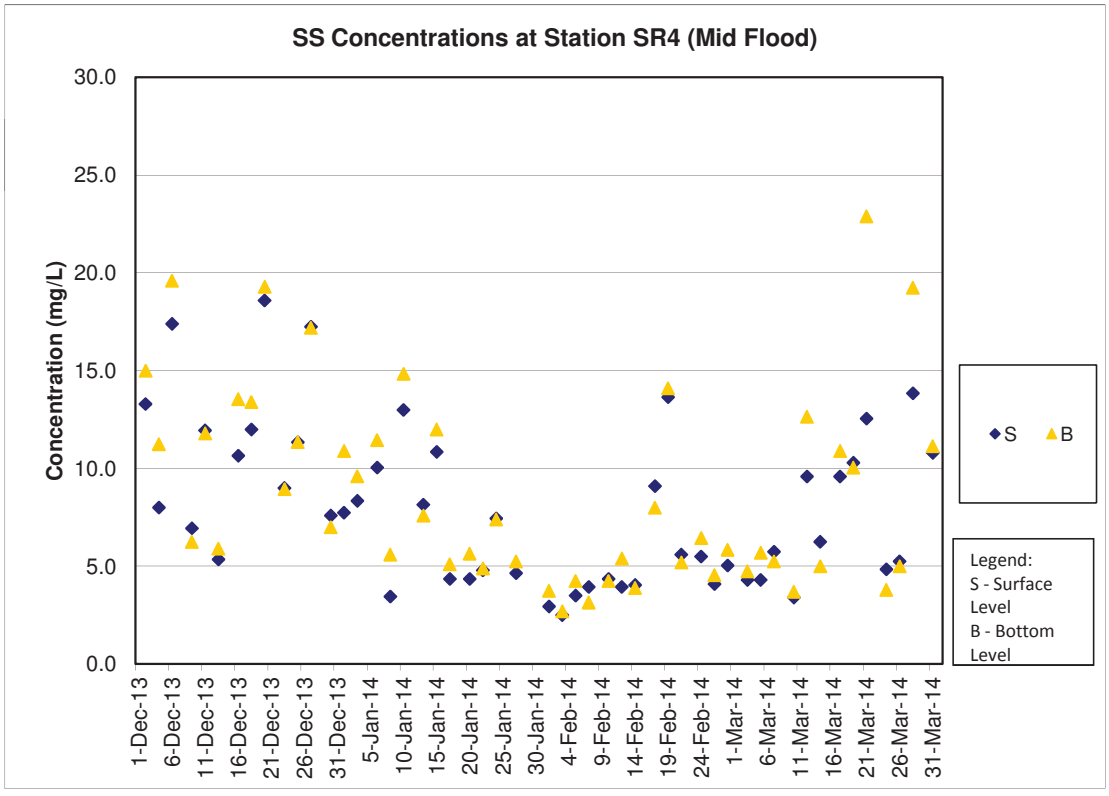

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

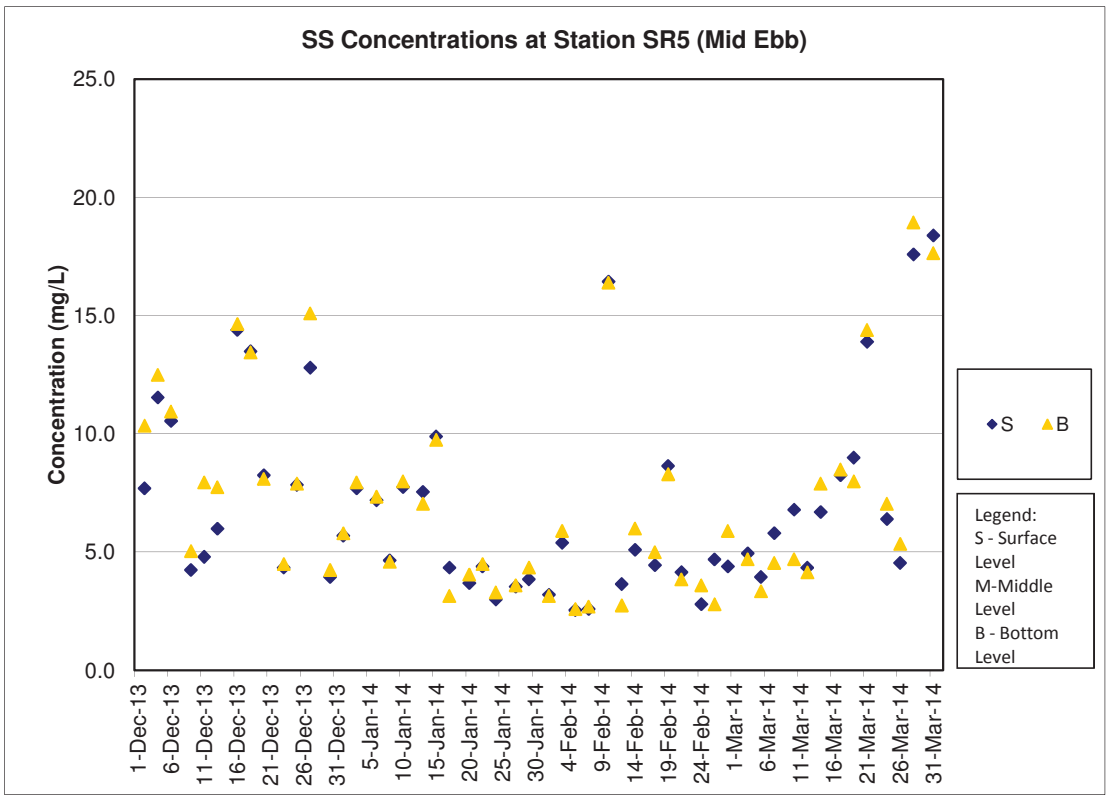

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

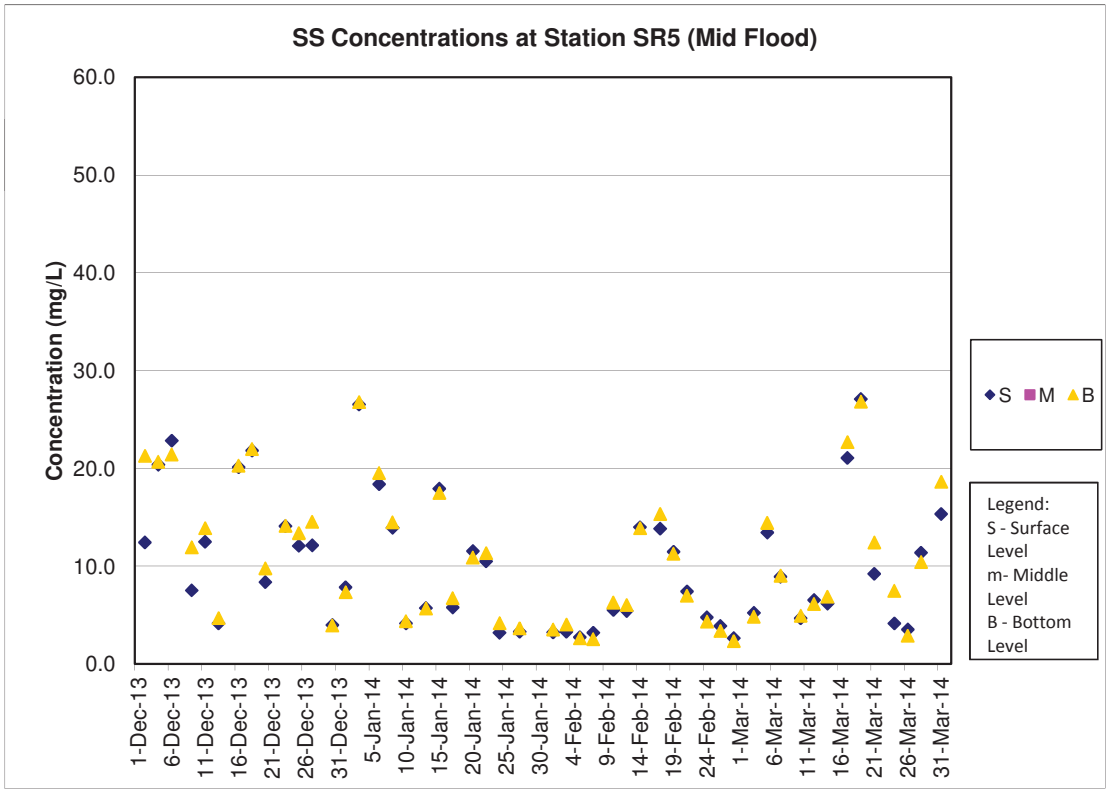

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
40.0
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
M
Legend:
M - Middle
Level

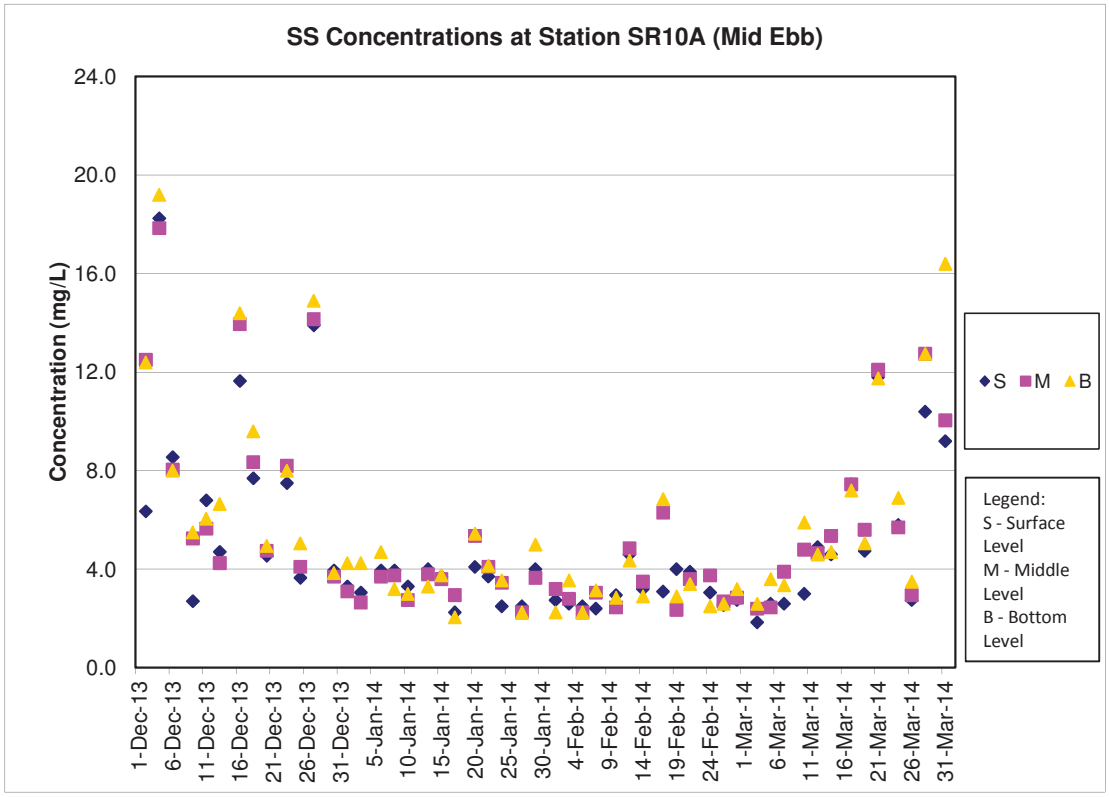

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
40.0
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
M
Legend:
M - Middle
Level

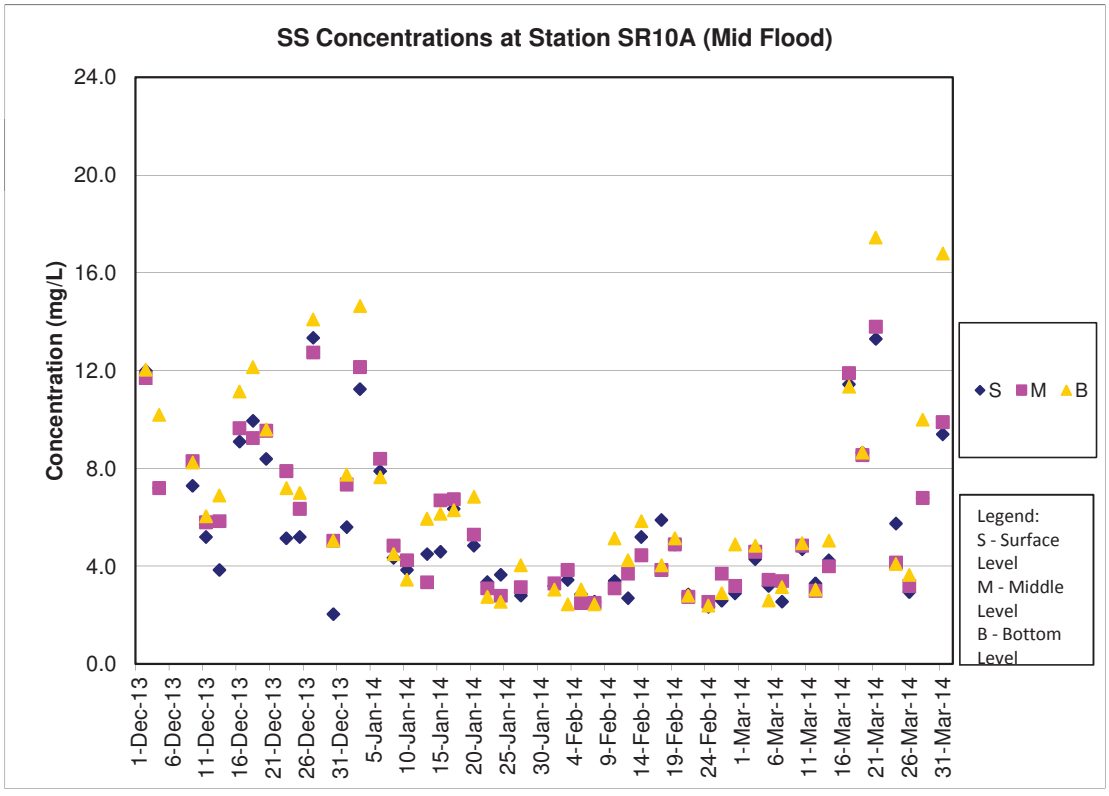

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

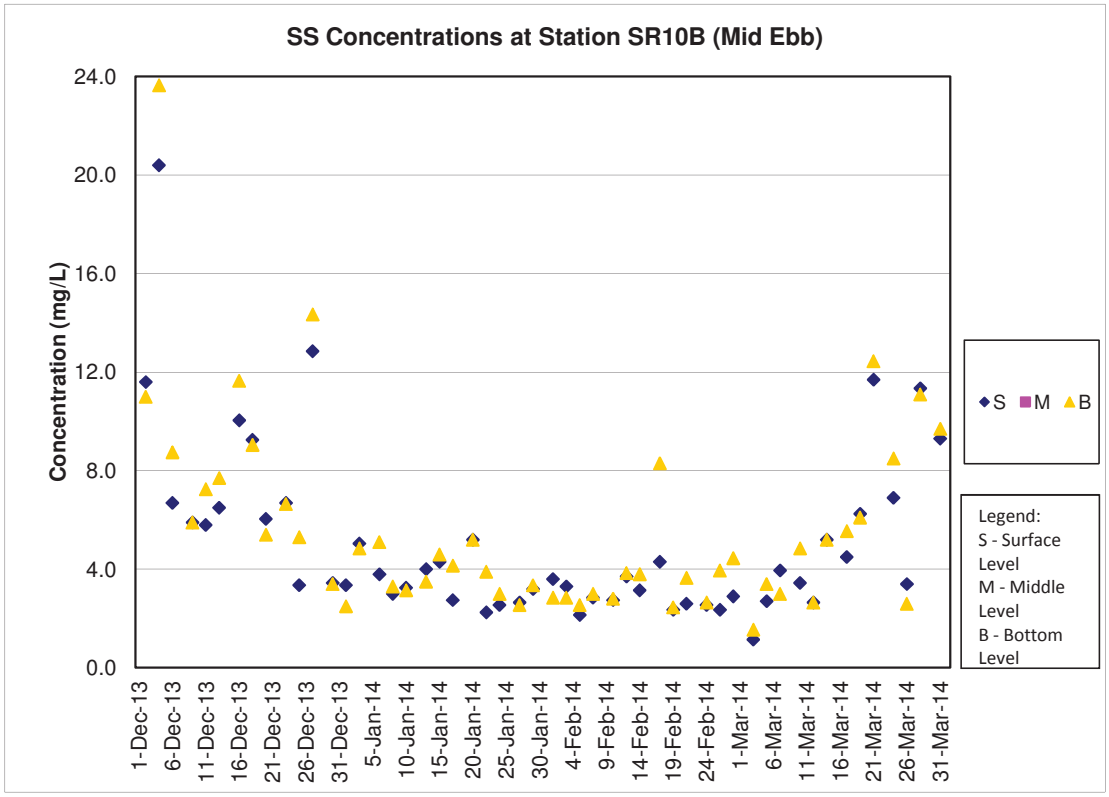

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

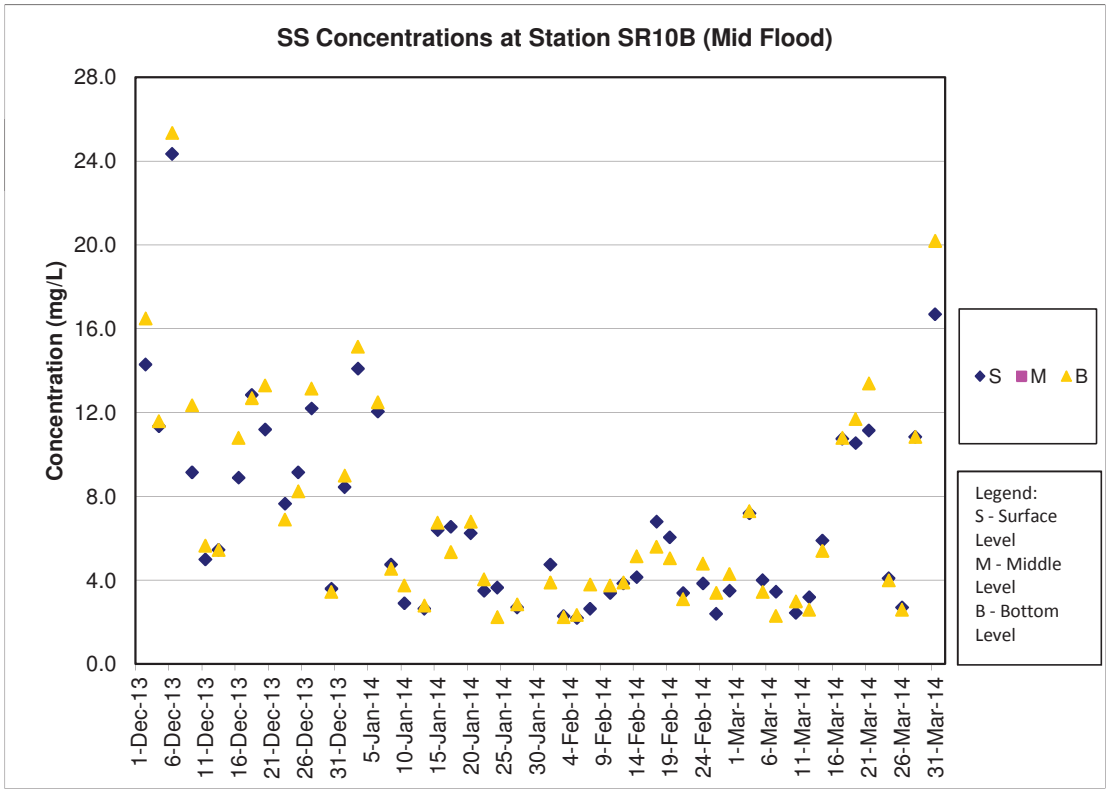

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level

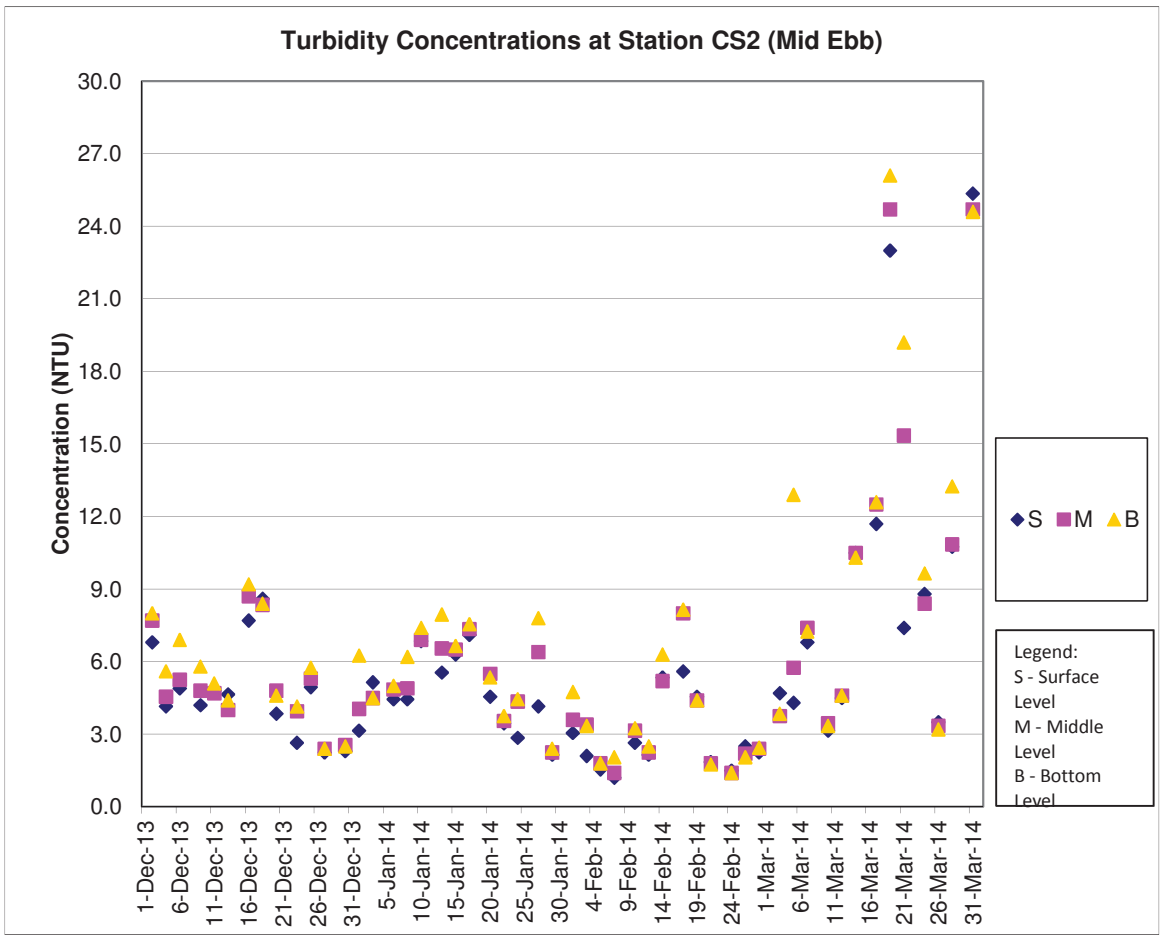

SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level

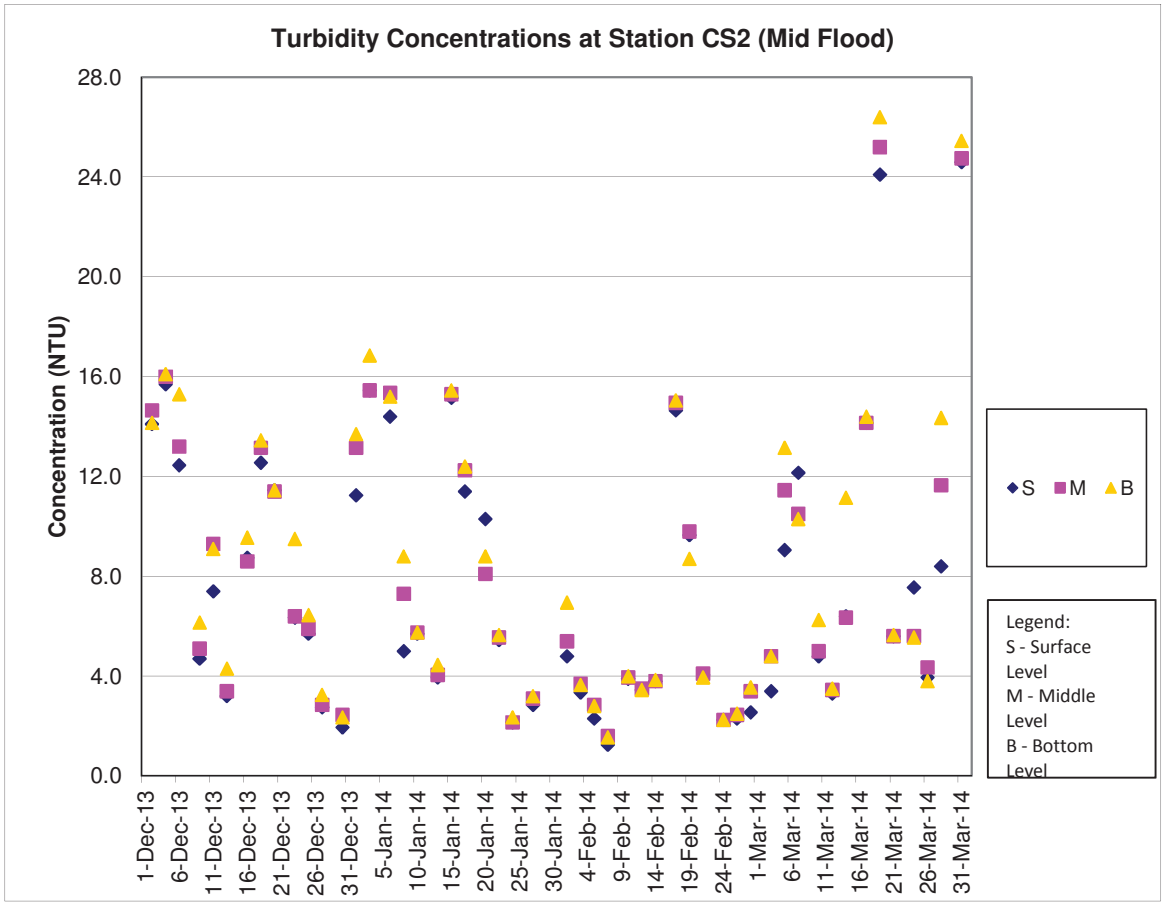

SS Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

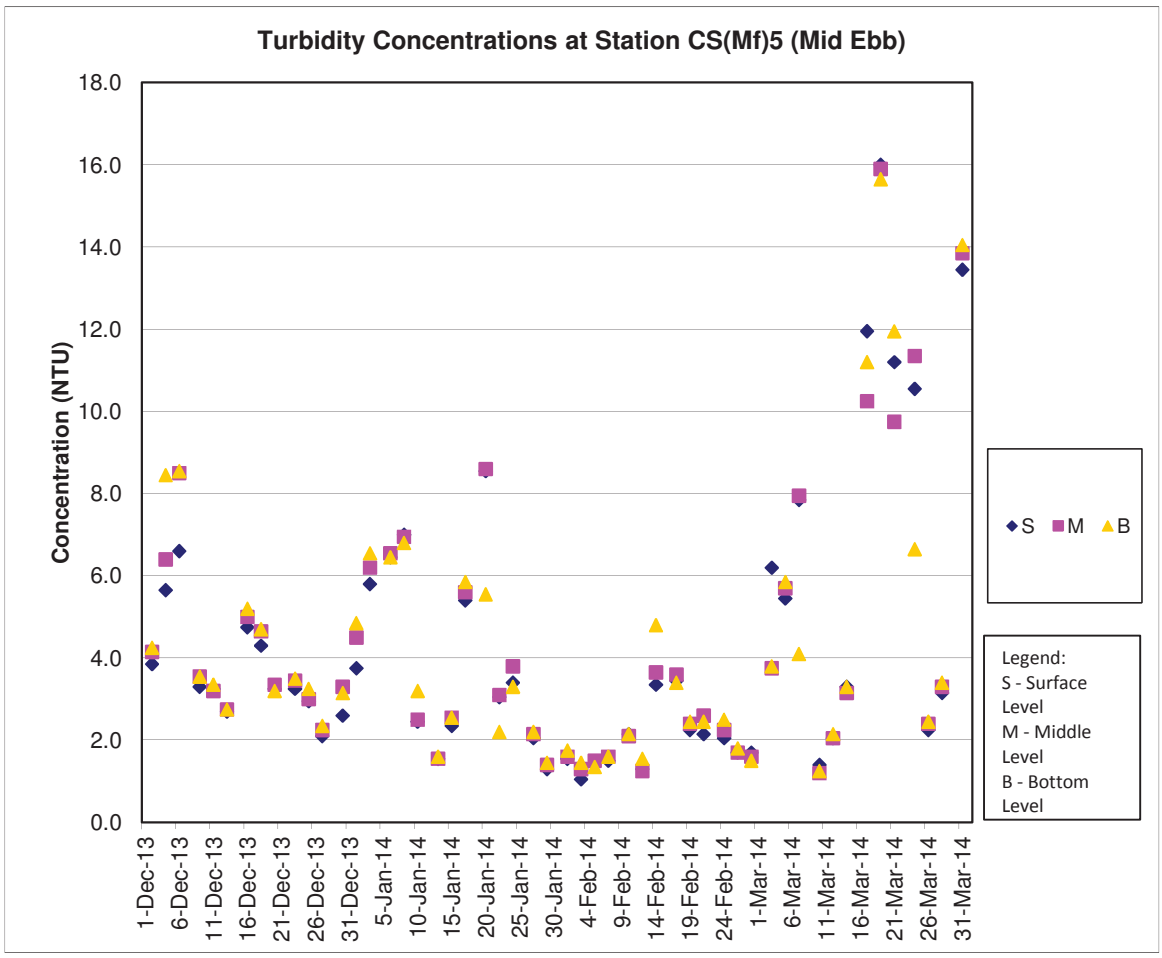

SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

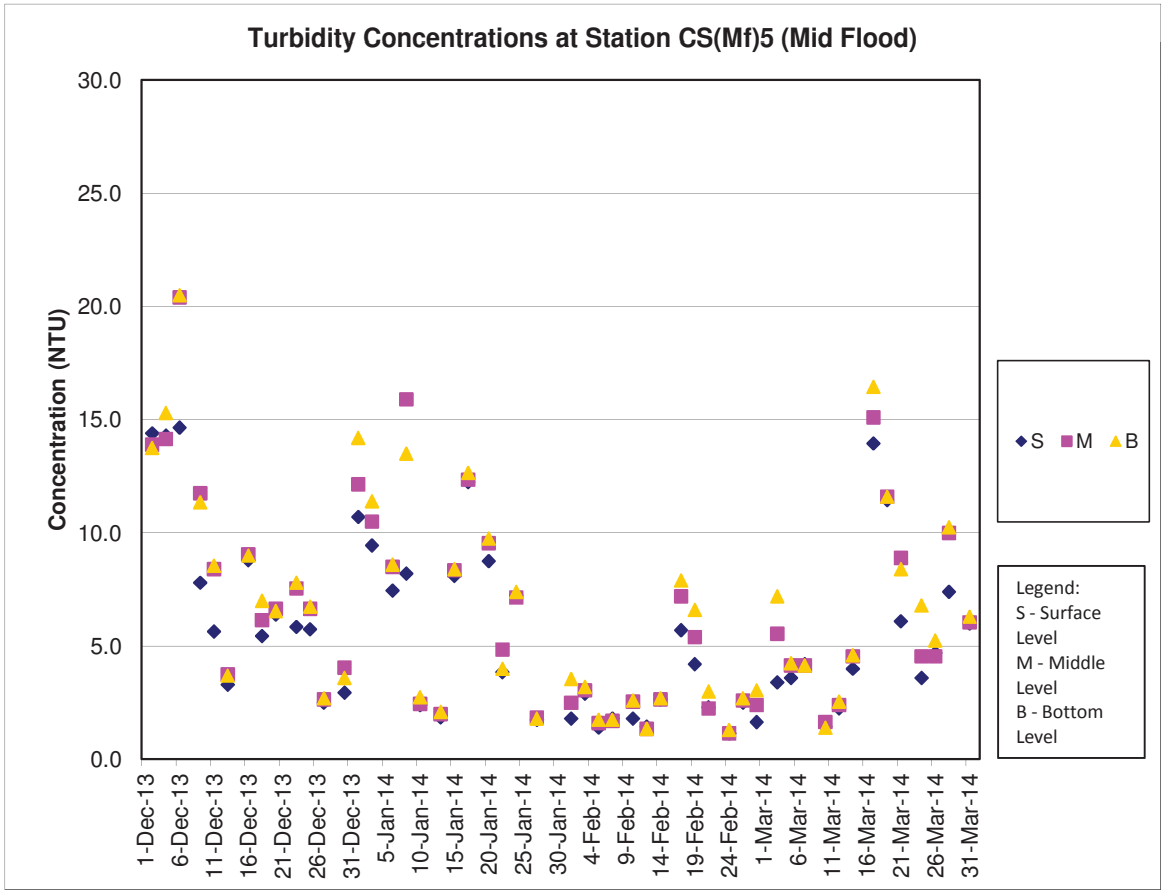

SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

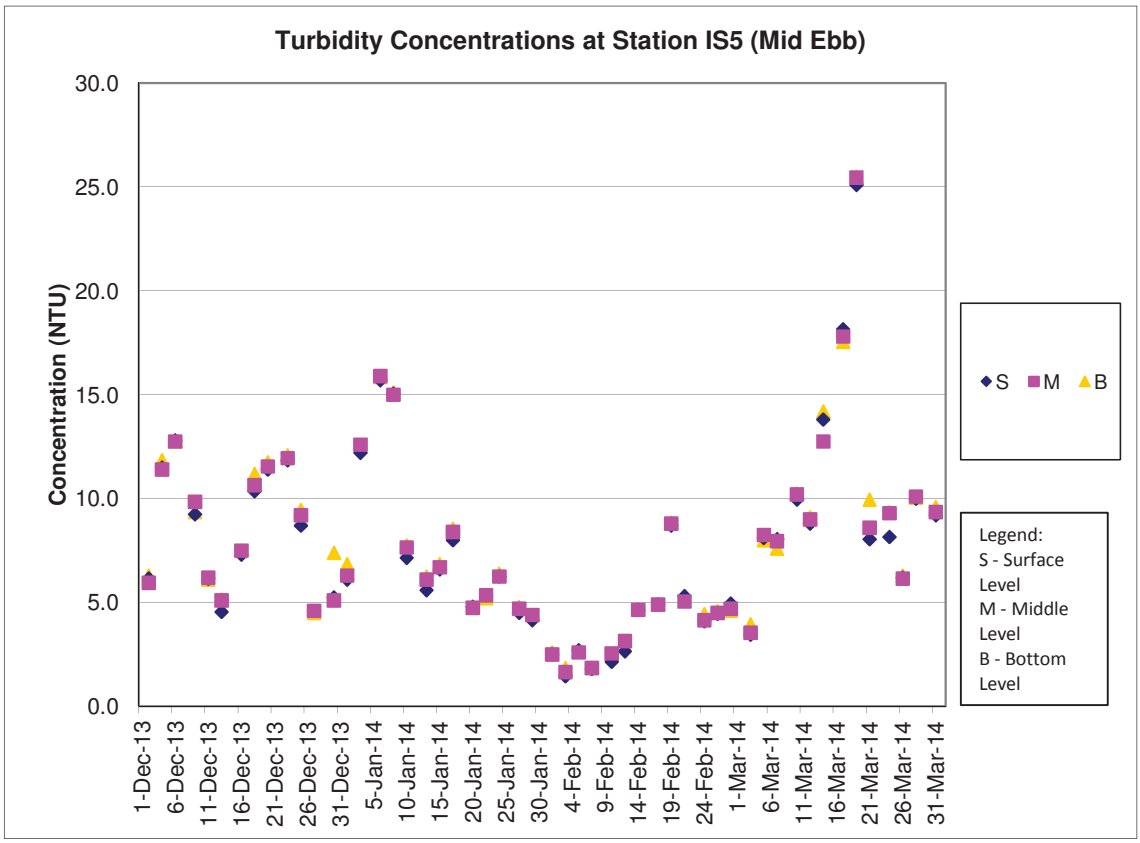

SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

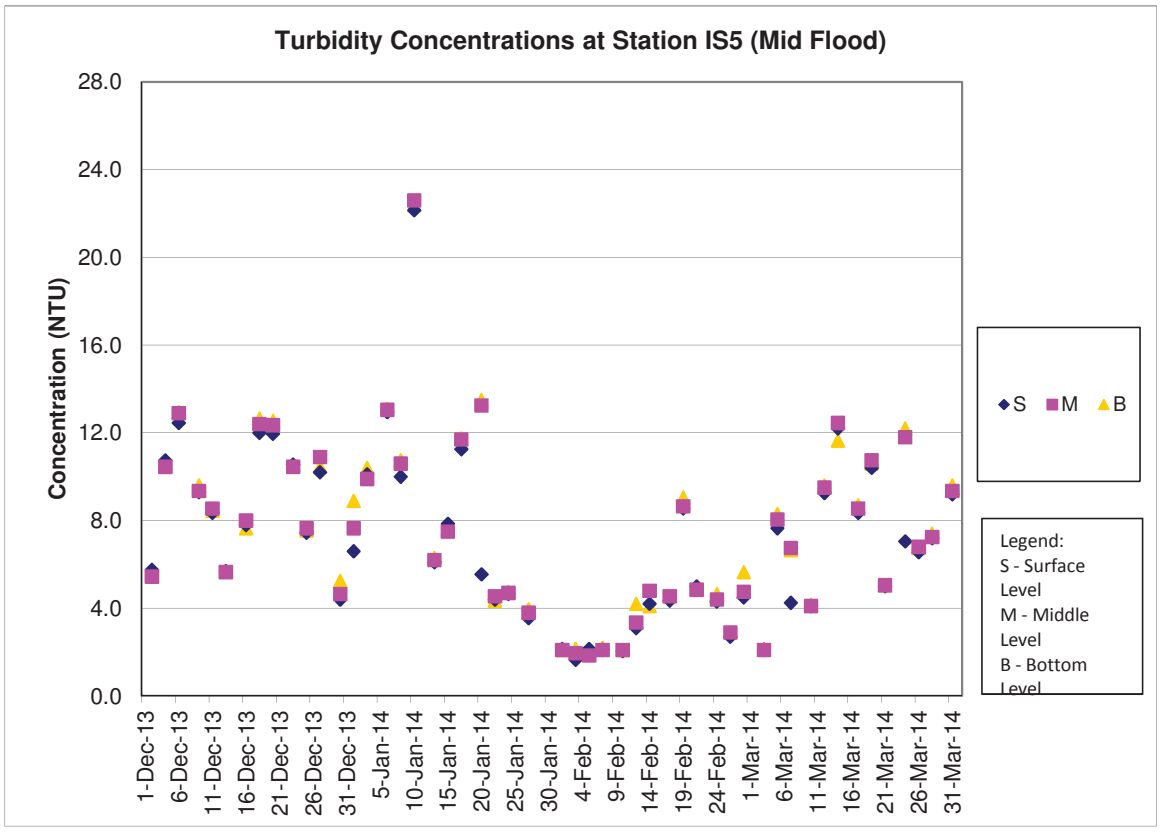

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

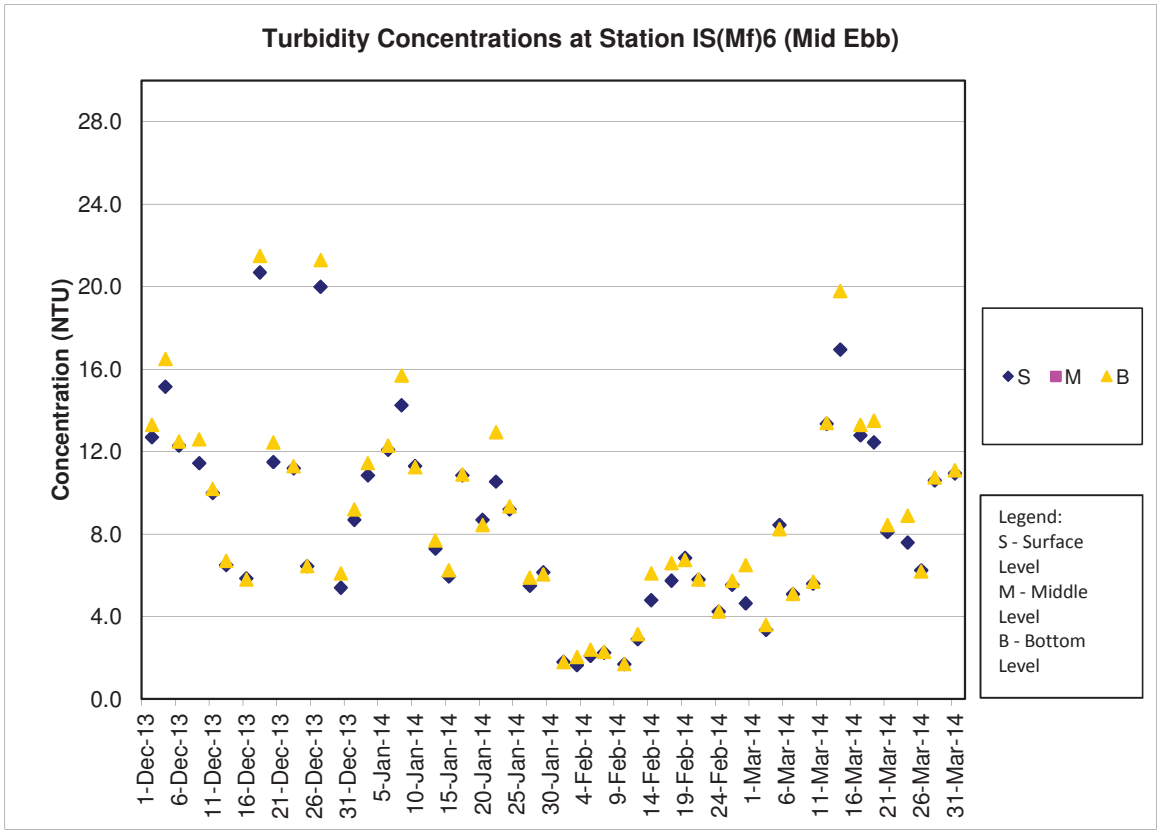

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

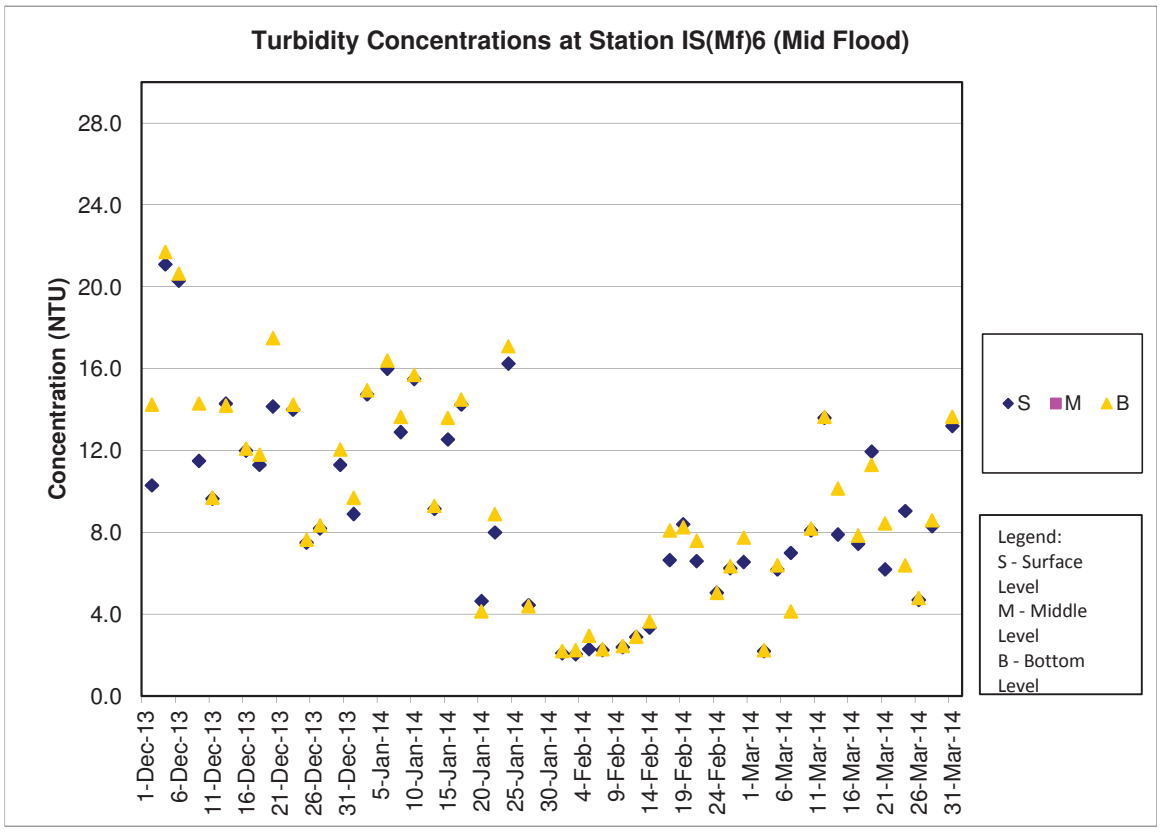

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

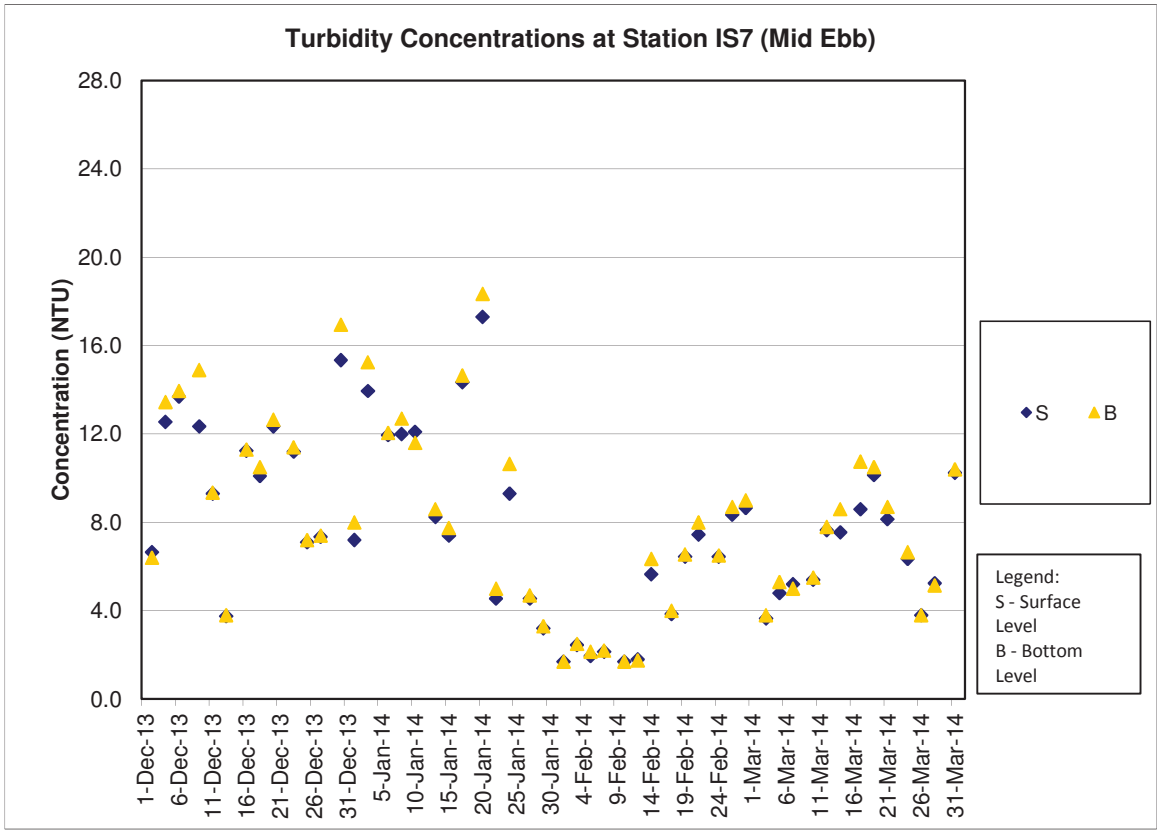

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

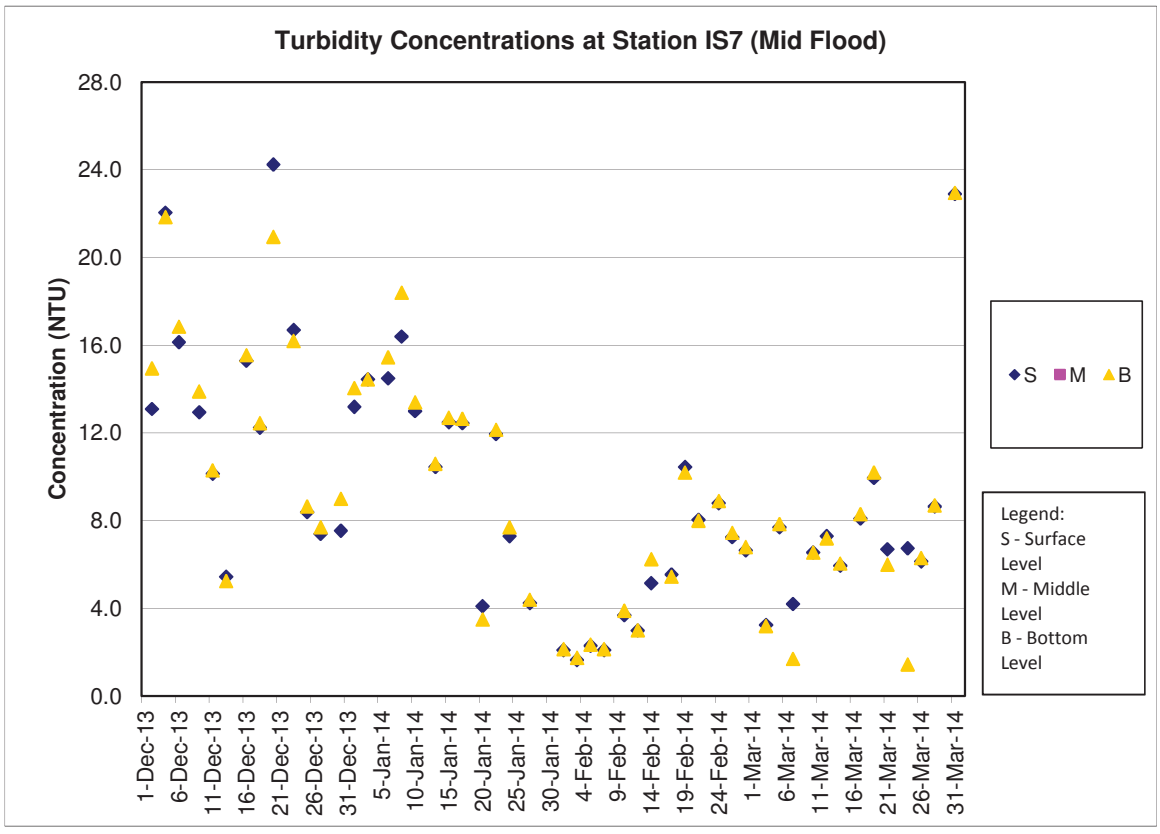

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

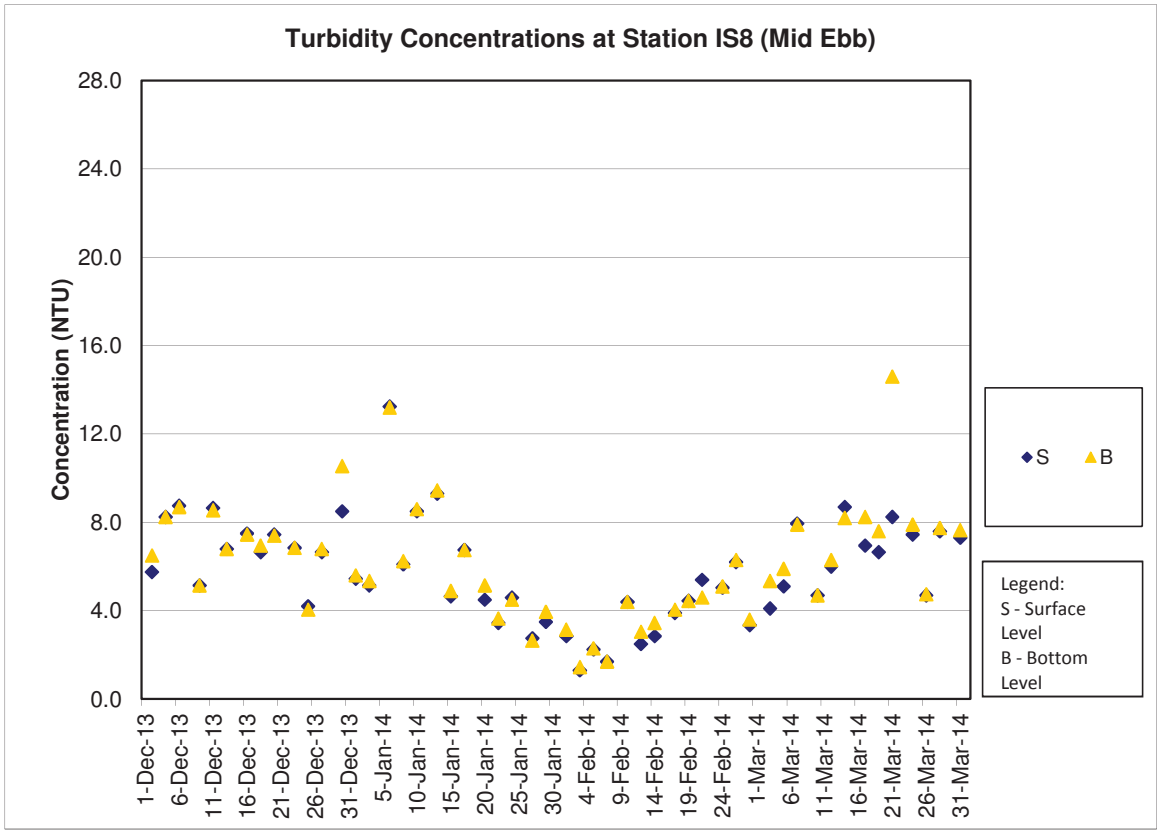

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

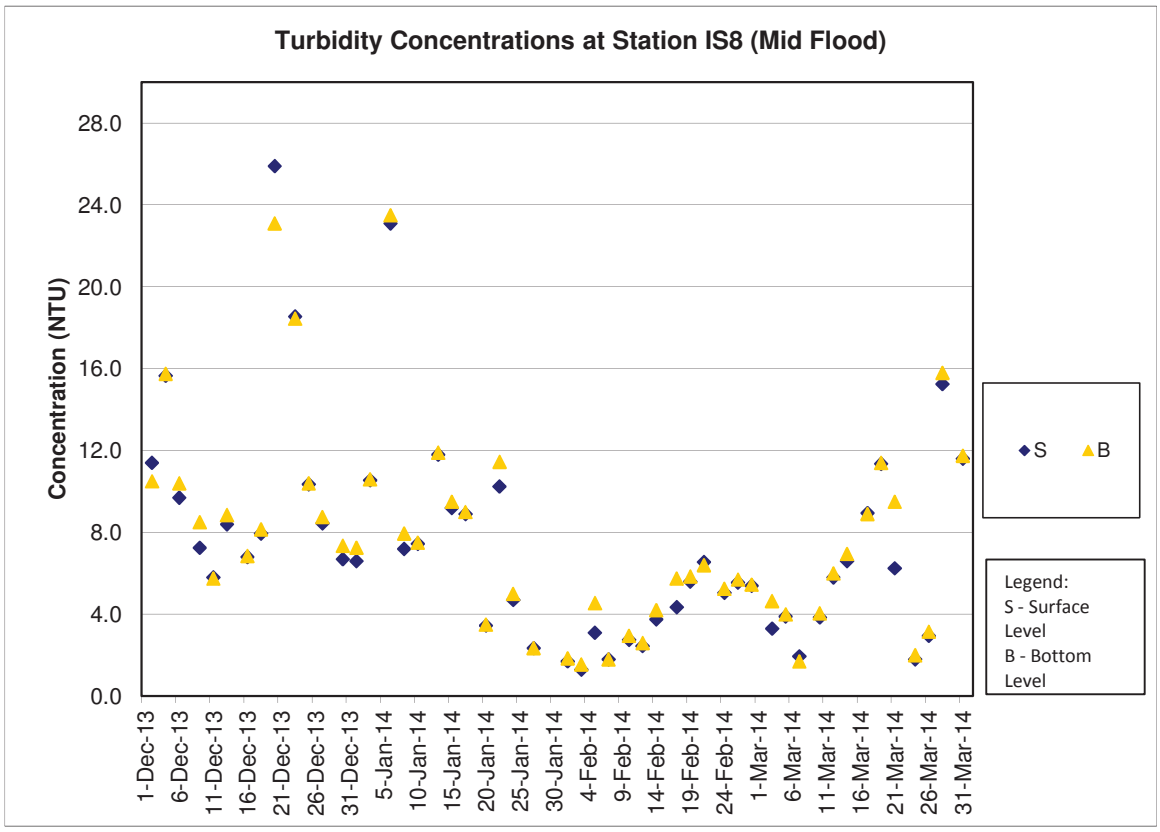

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

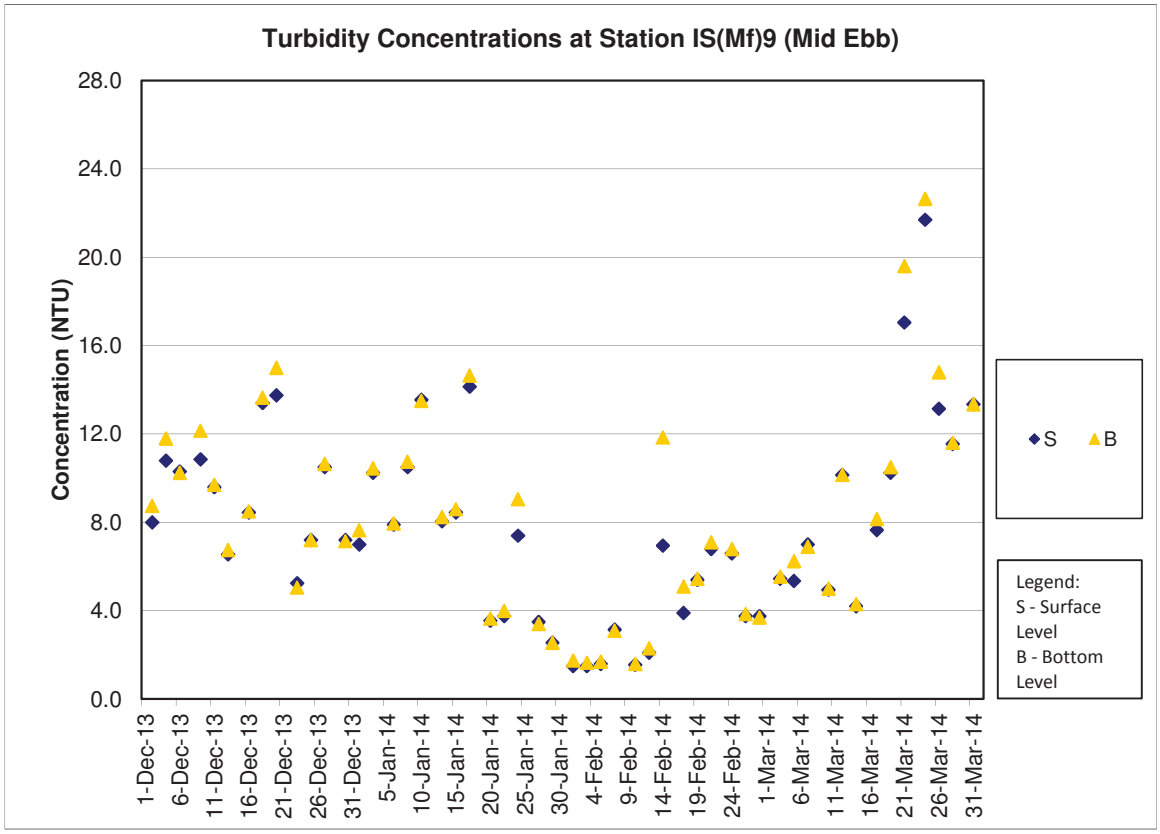

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

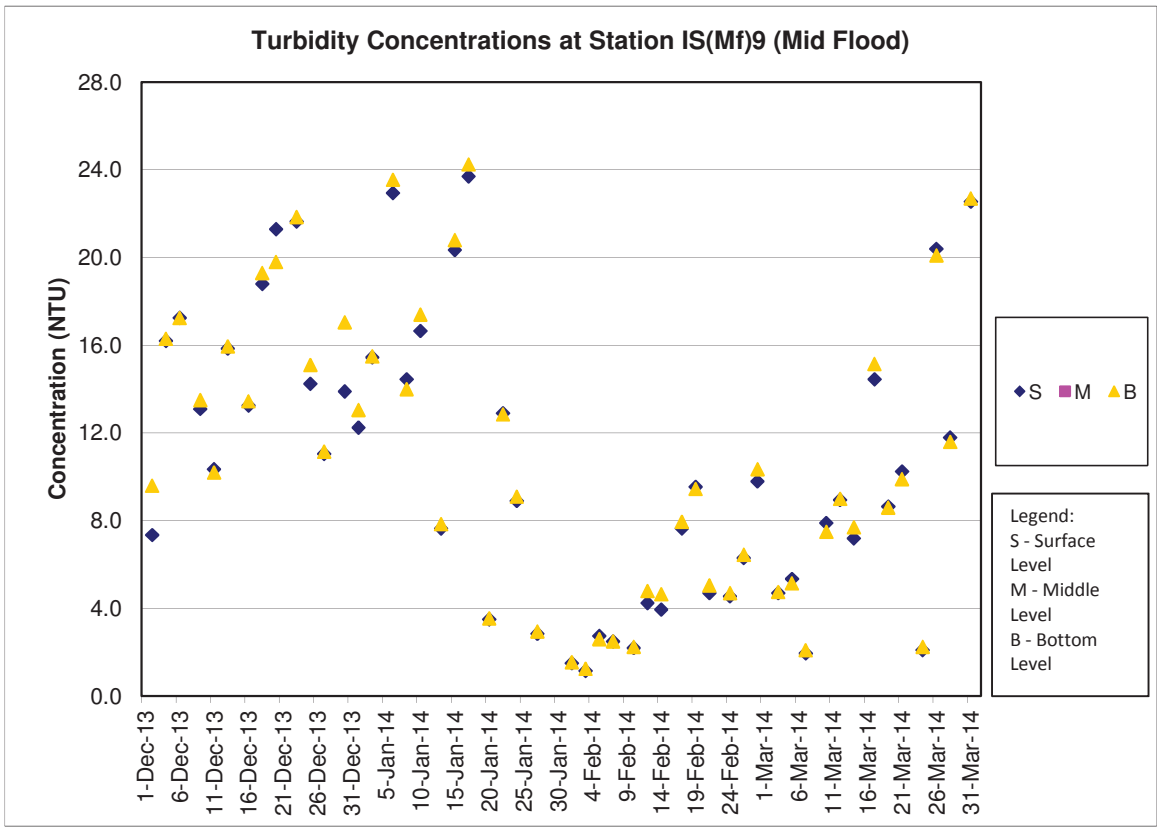

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level

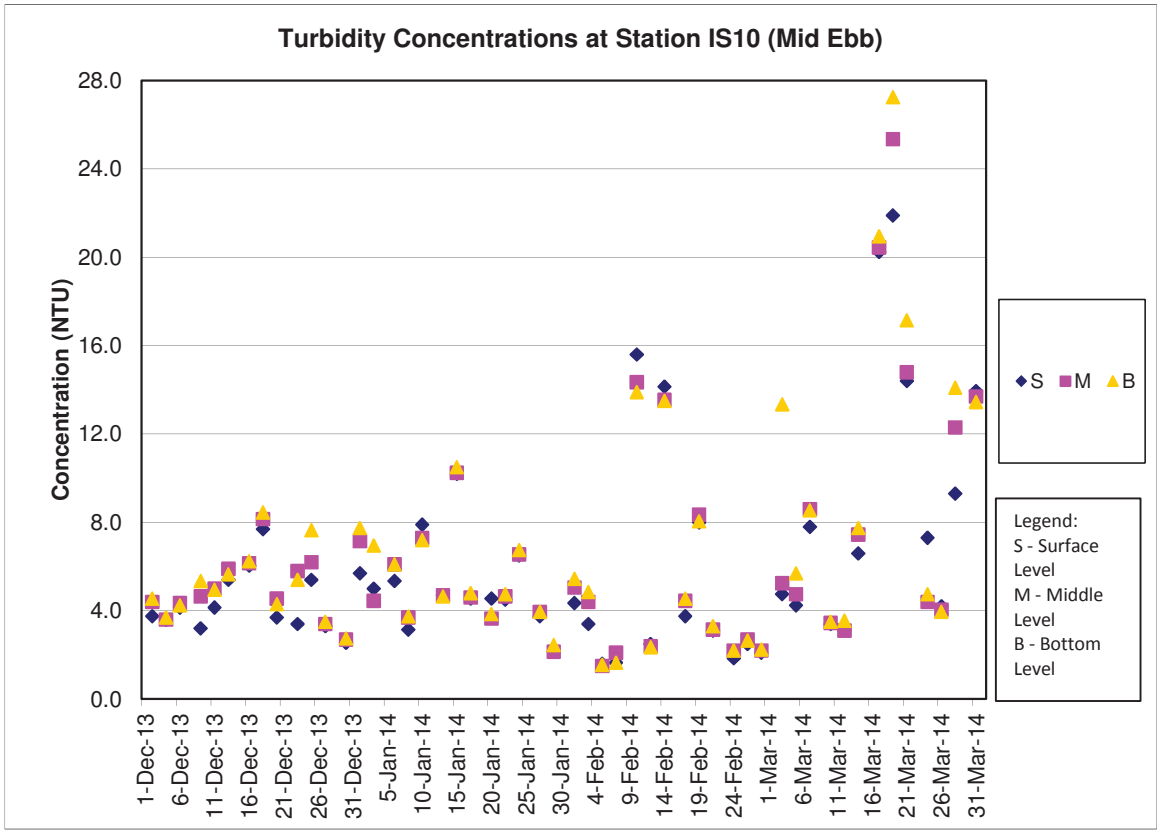

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
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26-Mar-14
31-Mar-14
S M B
Legend:
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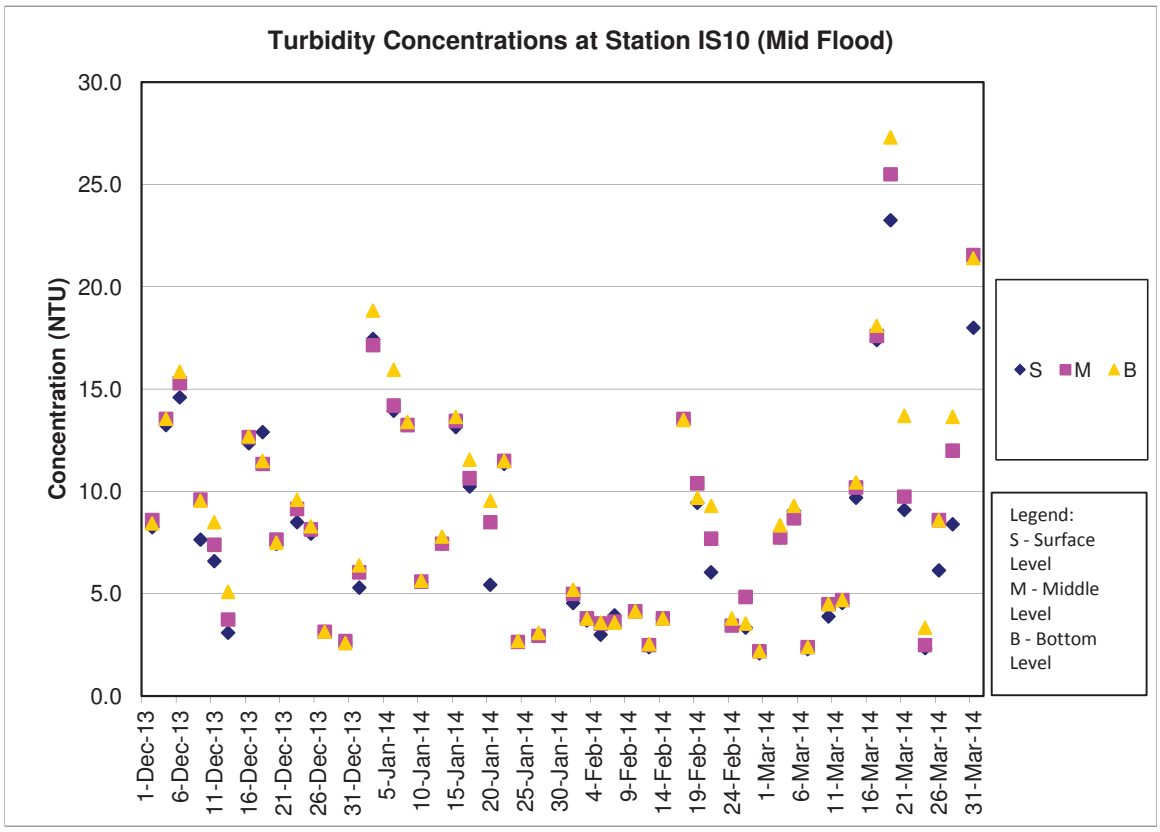
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
30.0
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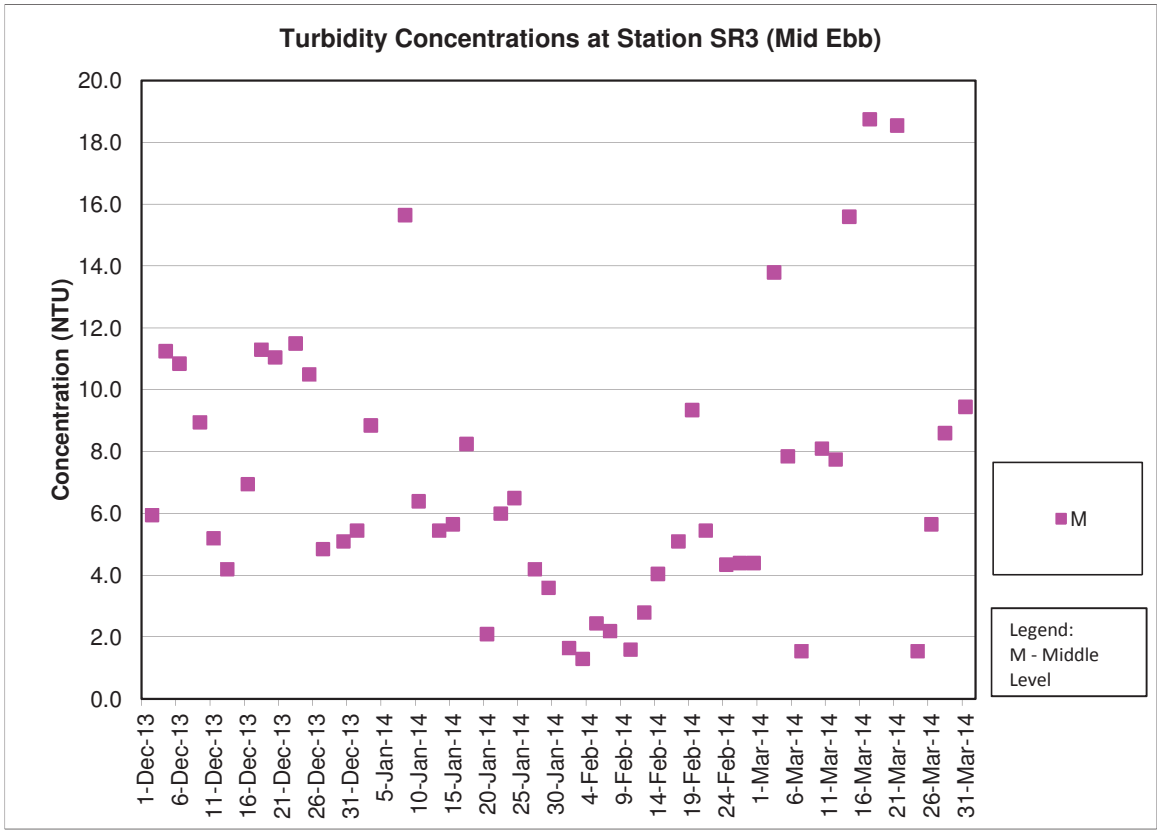
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
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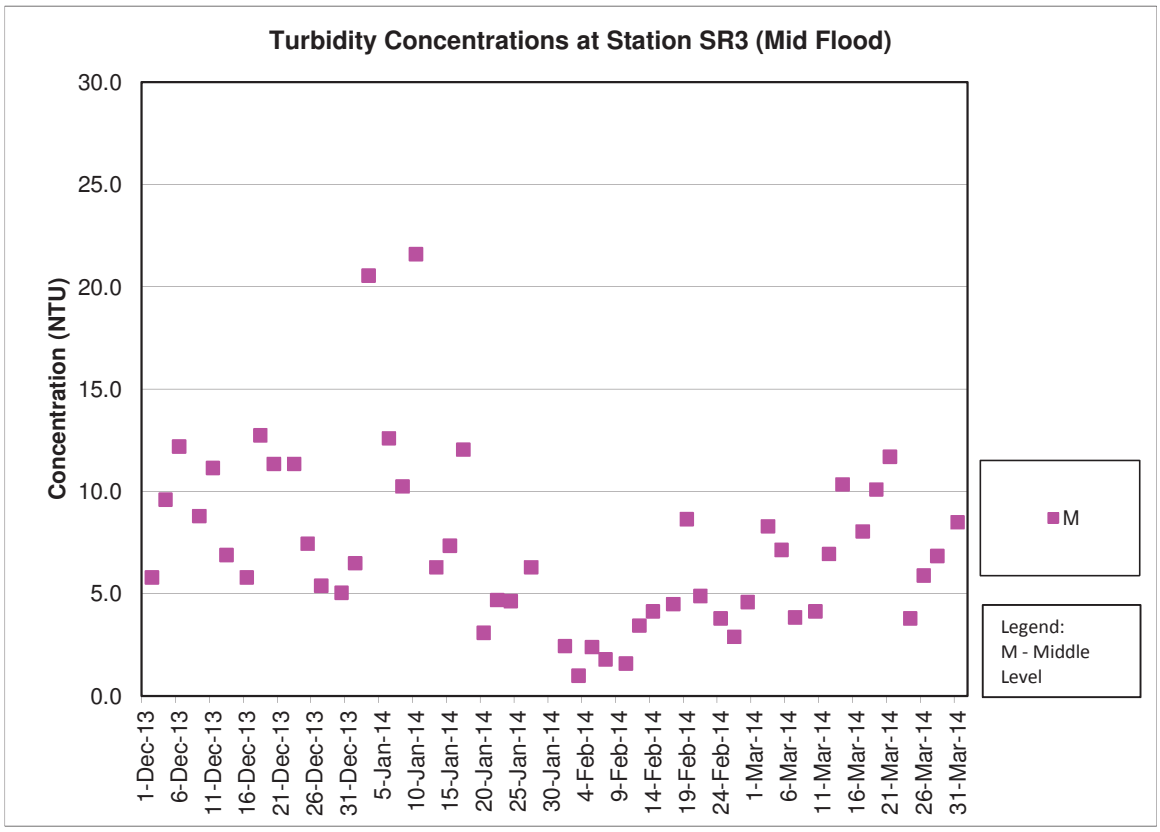
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
M
Legend:
M - Middle
Level


Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
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16-Mar-14
21-Mar-14
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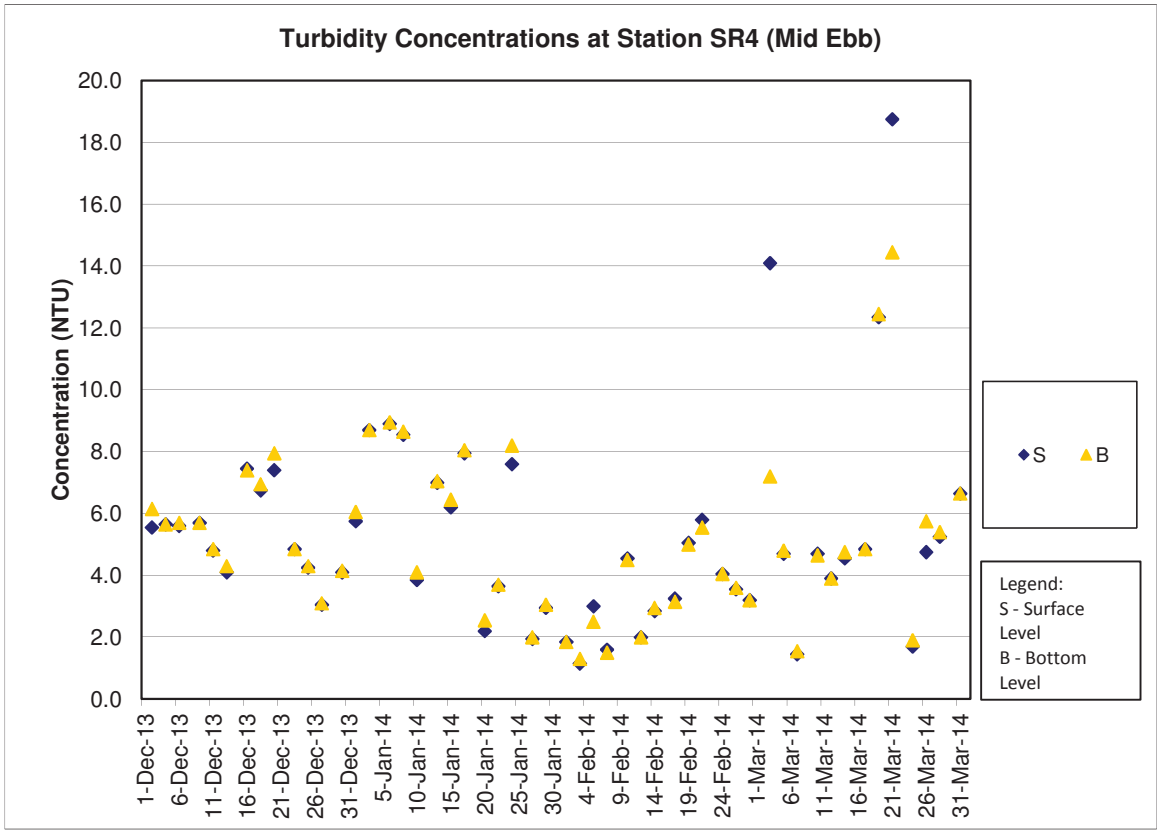
31-Mar-14
M
Legend:
M - Middle
Level


Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
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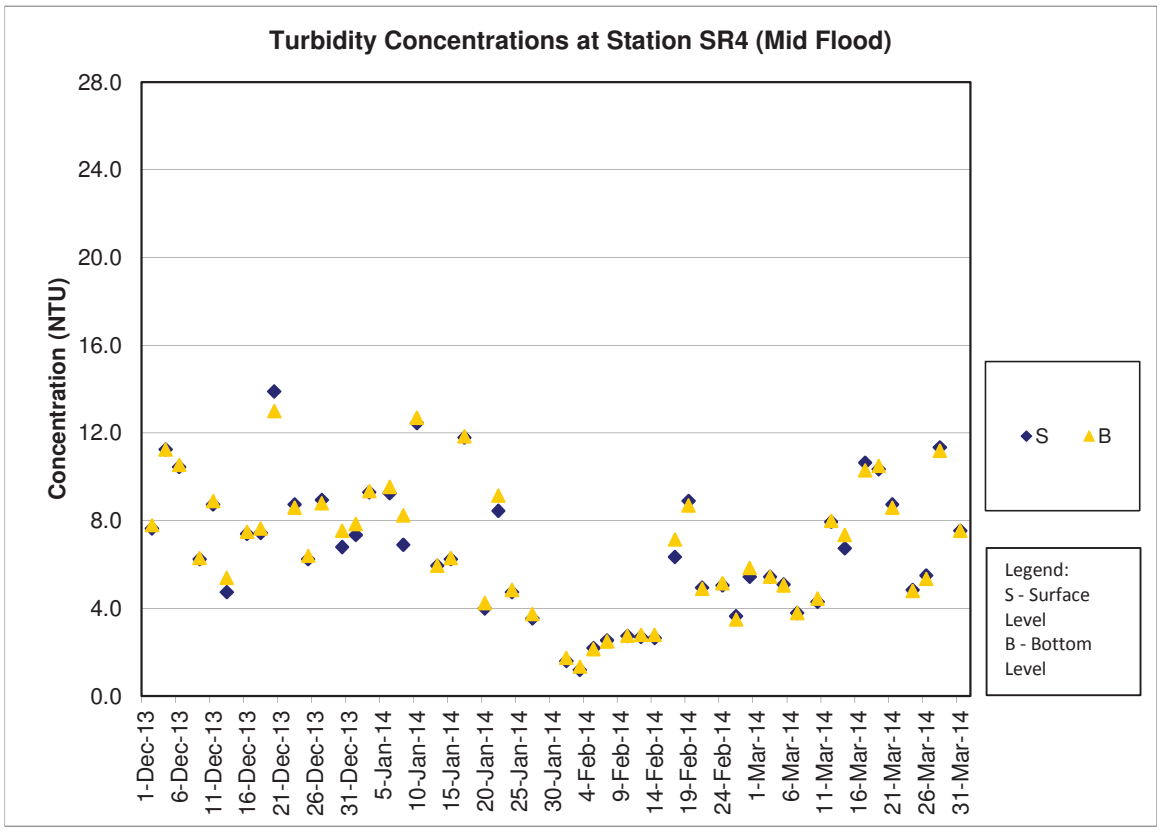
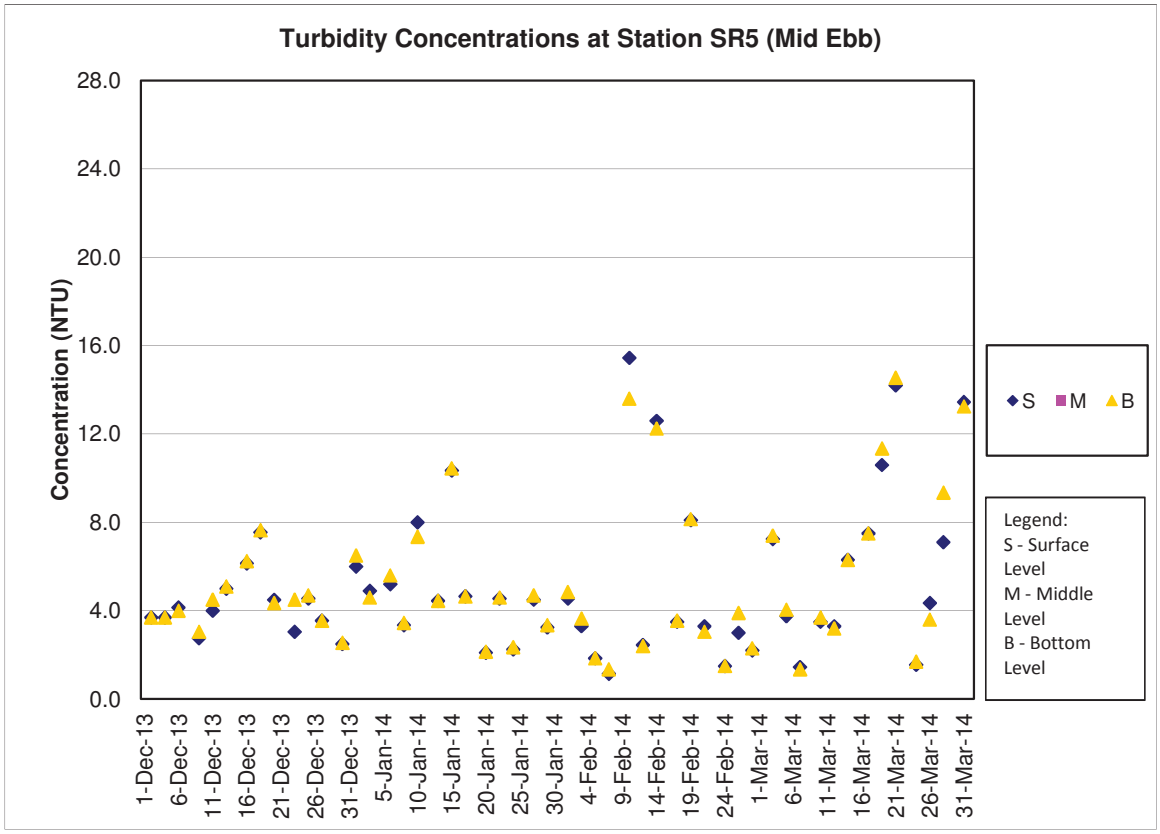
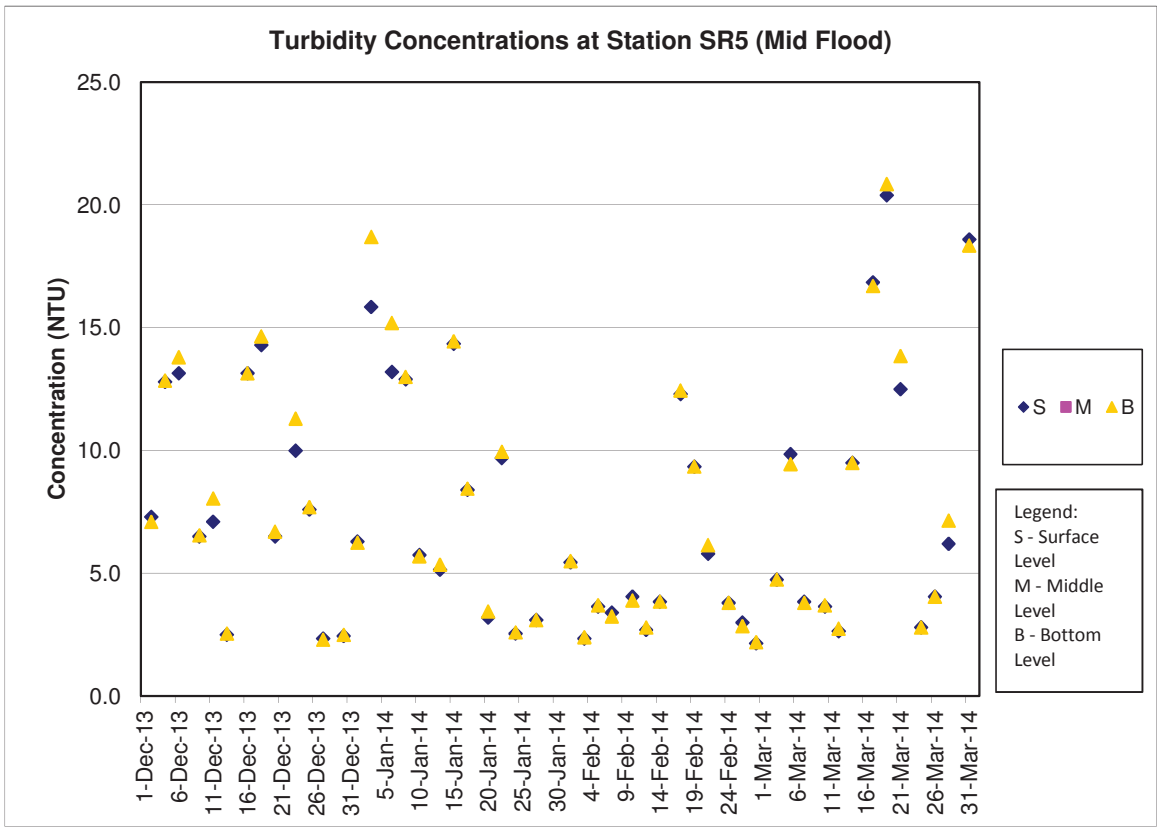
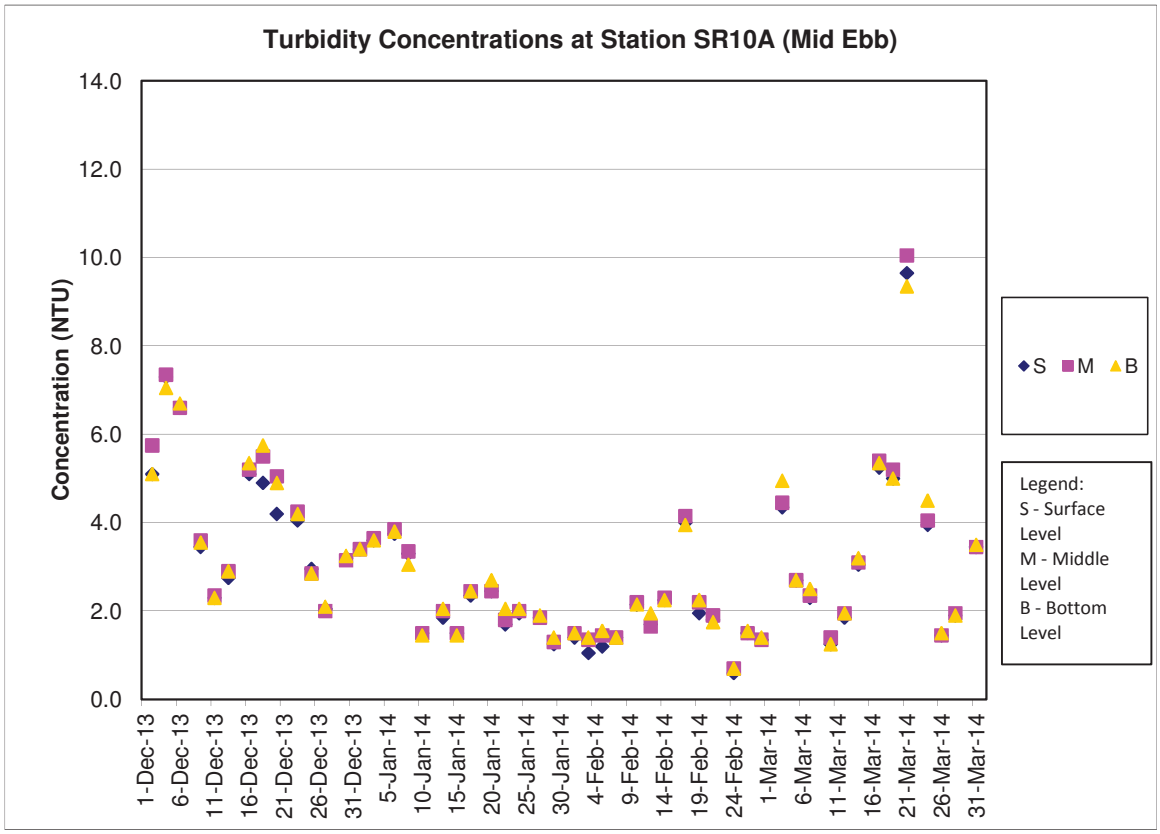
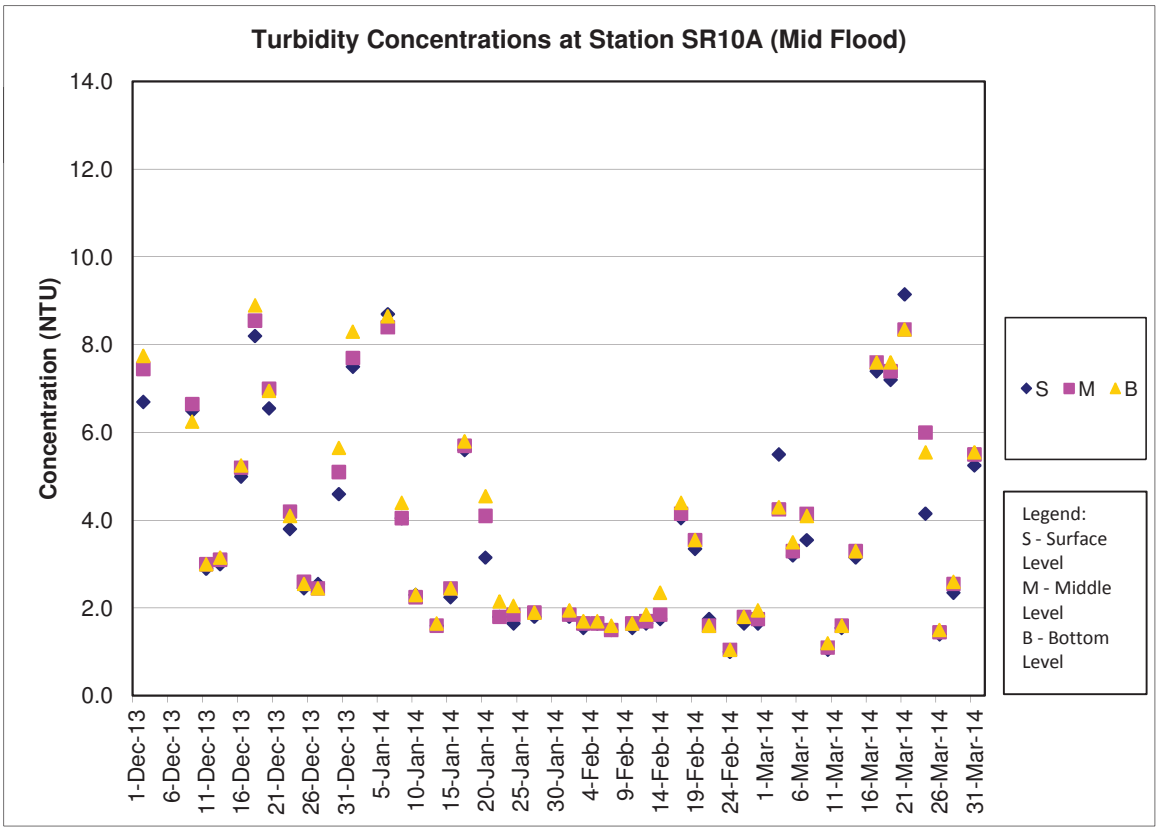
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
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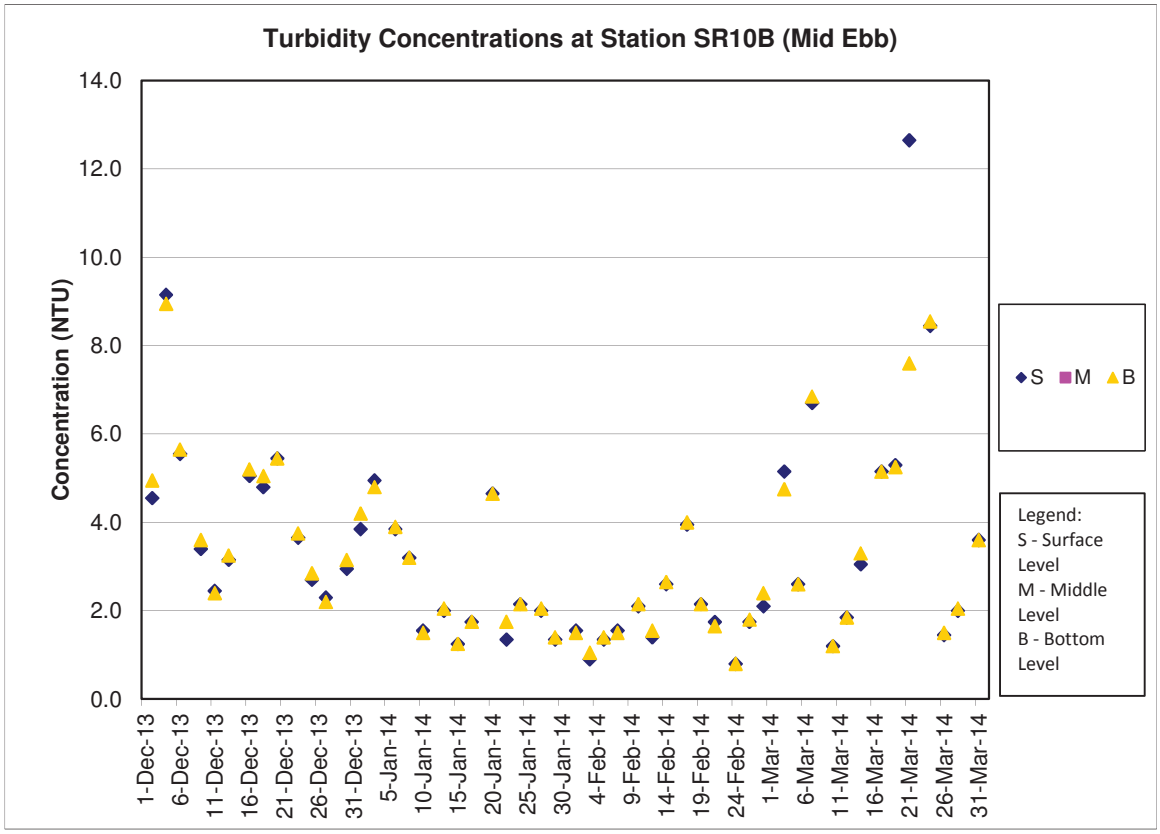
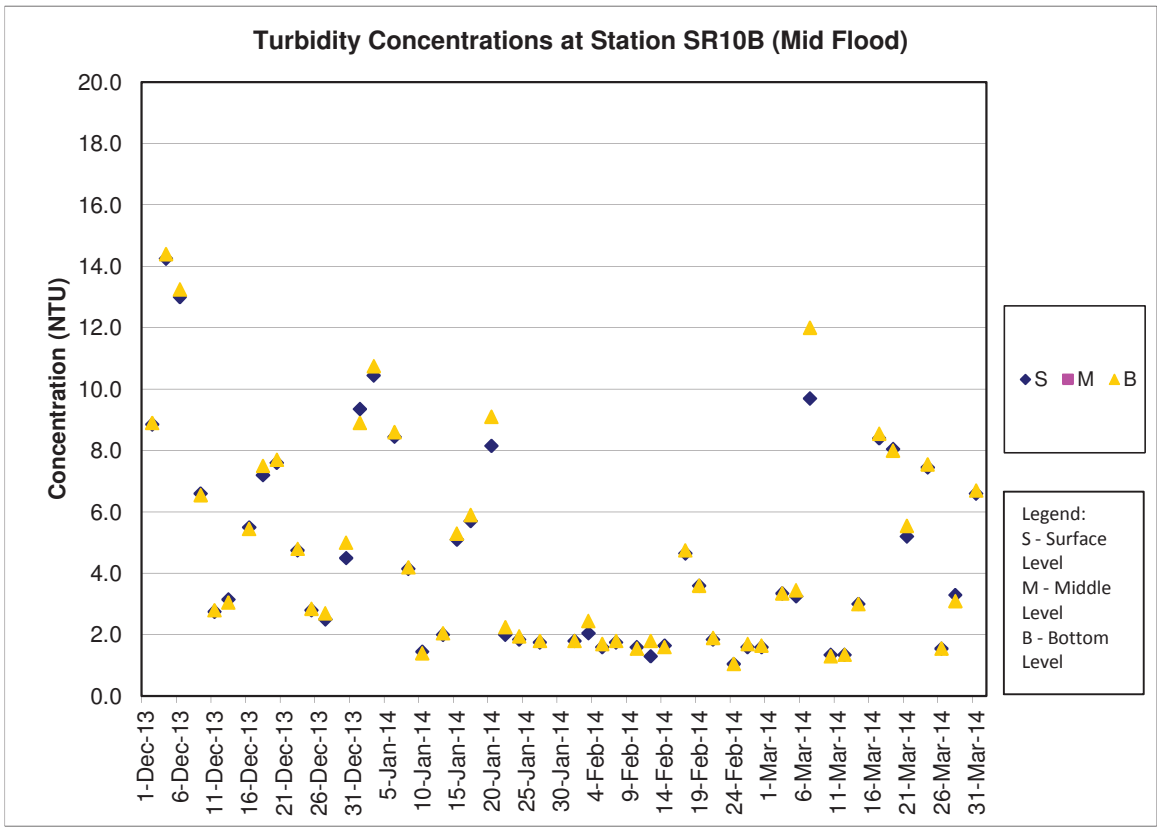
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX F

Event and Action Plan

Event and Action Plan for Air Quality

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

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

Event and Action Plan for Noise

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

Event and Action Plan for Water Quality

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

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

Event and Action Plan for Dolphin Monitoring

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

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

Event and Action Plan for Mudflat Monitoring

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

APPENDIX G

Wind Data

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
01/03/2014	07:15	2	ESE
01/03/2014	07:20	4	SSE
01/03/2014	07:25	4	SSE
01/03/2014	07:30	6	SSE
01/03/2014	07:35	4	SE
01/03/2014	07:40	7	SE
01/03/2014	07:45	9	SE
01/03/2014	07:50	7	SE
01/03/2014	07:55	5	SE
01/03/2014	08:00	6	SE
01/03/2014	08:05	6	SE
01/03/2014	08:10	7	SE
01/03/2014	08:15	6	SE
01/03/2014	08:20	7	SE
01/03/2014	08:25	7	SE
01/03/2014	08:30	8	SE
01/03/2014	08:35	7	SE
01/03/2014	08:40	8	SE
01/03/2014	08:45	9	SE
01/03/2014	08:50	8	SSE
01/03/2014	08:55	8	SSE
01/03/2014	09:00	7	SE
01/03/2014	09:05	6	SE
01/03/2014	09:10	8	SE
01/03/2014	09:15	9	SE
01/03/2014	09:20	8	SSE
01/03/2014	09:25	9	SE
01/03/2014	09:30	9	SE
01/03/2014	09:35	9	SE
01/03/2014	09:40	11	SE
01/03/2014	09:45	9	SE
01/03/2014	09:50	10	SE
01/03/2014	09:55	10	SE
01/03/2014	10:00	10	SE
01/03/2014	10:05	8	SE
01/03/2014	10:10	7	SE
01/03/2014	10:15	5	SSE
01/03/2014	10:20	6	SSE
01/03/2014	10:25	7	SSE
01/03/2014	10:30	4	SE
01/03/2014	10:35	5	SSE
01/03/2014	10:40	5	SSE
01/03/2014	10:45	3	SSE
01/03/2014	10:50	6	SSE
01/03/2014	10:55	6	SSE
01/03/2014	11:00	6	SSE
01/03/2014	11:05	9	SSE
01/03/2014	11:10	8	SSE
01/03/2014	11:15	4	S
01/03/2014	11:20	8	SSE
01/03/2014	11:25	8	SSE
01/03/2014	11:30	9	SSE
01/03/2014	11:35	8	SE
01/03/2014	11:40	7	SSE
01/03/2014	11:45	9	SSE
01/03/2014	11:50	8	SSE
01/03/2014	11:55	7	SSE
01/03/2014	12:00	8	SSE
01/03/2014	12:05	6	SSE
01/03/2014	12:10	6	SSE
01/03/2014	12:15	8	SSE
01/03/2014	12:20	6	SSE
01/03/2014	12:25	5	SSE
01/03/2014	12:30	3	SSE
01/03/2014	12:35	1	SE
01/03/2014	12:40	1	ESE
01/03/2014	12:45	4	ESE
01/03/2014	12:50	2	SSE
01/03/2014	12:55	2	N
01/03/2014	13:00	3	N
01/03/2014	13:05	2	NNE
01/03/2014	13:10	3	NNE
01/03/2014	13:15	2	N
01/03/2014	13:20	2	NE
01/03/2014	13:25	2	NE
01/03/2014	13:30	3	E
01/03/2014	13:35	3	NW
01/03/2014	13:40	3	NW
01/03/2014	13:45	2	SSW
01/03/2014	13:50	4	SE
01/03/2014	13:55	1	SSE
01/03/2014	14:00	1	NE
01/03/2014	14:05	2	SE
01/03/2014	14:10	2	ENE
01/03/2014	14:15	1	S
01/03/2014	14:20	0	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
01/03/2014	14:25	2	NW
01/03/2014	14:30	2	NNW
01/03/2014	14:35	2	E
01/03/2014	14:40	1	ENE
01/03/2014	14:45	6	NNW
01/03/2014	14:50	5	NNW
01/03/2014	14:55	4	N
01/03/2014	15:00	4	N
01/03/2014	15:05	5	N
01/03/2014	15:10	5	NNW
01/03/2014	15:15	6	NNW
01/03/2014	15:20	2	N
01/03/2014	15:25	2	S
01/03/2014	15:30	0	SSE
01/03/2014	15:35	0	SSE
01/03/2014	15:40	3	E
01/03/2014	15:45	4	ESE
01/03/2014	15:50	3	ENE
01/03/2014	15:55	1	NE
01/03/2014	16:00	2	E
01/03/2014	16:05	1	ESE
01/03/2014	16:10	0	E
01/03/2014	16:15	1	E
01/03/2014	16:20	2	ESE
01/03/2014	16:25	2	ENE
01/03/2014	16:30	0	NNE
01/03/2014	16:35	0	---
01/03/2014	16:40	0	---
01/03/2014	16:45	0	---
01/03/2014	16:50	1	ENE
01/03/2014	16:55	2	ENE
01/03/2014	17:00	2	E
01/03/2014	17:05	2	E
01/03/2014	17:10	2	E
01/03/2014	17:15	1	ENE
01/03/2014	17:20	1	N
01/03/2014	17:25	2	NE
01/03/2014	17:30	2	E
01/03/2014	17:35	1	SE
01/03/2014	17:40	4	SE
01/03/2014	17:45	2	ESE
01/03/2014	17:50	3	ESE
01/03/2014	17:55	3	ESE
01/03/2014	18:00	2	E
01/03/2014	18:05	3	E
01/03/2014	18:10	0	---
01/03/2014	18:15	0	N
01/03/2014	18:20	1	N
01/03/2014	18:25	0	---
01/03/2014	18:30	0	---
01/03/2014	18:35	0	---
01/03/2014	18:40	0	---
01/03/2014	18:45	0	---
01/03/2014	18:50	0	---
01/03/2014	18:55	0	---
01/03/2014	19:00	0	---
01/03/2014	19:05	0	---
01/03/2014	19:10	0	---
01/03/2014	19:15	0	---
01/03/2014	19:20	0	---
01/03/2014	19:25	0	---
01/03/2014	19:30	0	---
01/03/2014	19:35	1	N
01/03/2014	19:40	3	N
01/03/2014	19:45	2	SSE
01/03/2014	19:50	2	SE
01/03/2014	19:55	3	ESE
01/03/2014	20:00	3	E
01/03/2014	20:05	3	ESE
01/03/2014	20:10	2	E
01/03/2014	20:15	2	ESE
01/03/2014	20:20	0	ESE
01/03/2014	20:25	0	---
01/03/2014	20:30	0	SSE
01/03/2014	20:35	0	---
01/03/2014	20:40	0	---
01/03/2014	20:45	0	---
01/03/2014	20:50	0	---
01/03/2014	20:55	0	---
01/03/2014	21:00	0	N
01/03/2014	21:05	2	NNE
01/03/2014	21:10	0	NNW
01/03/2014	21:15	0	---
01/03/2014	21:20	1	NW
01/03/2014	21:25	0	NW
01/03/2014	21:30	0	---

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

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

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
02/03/2014	11:55	5	N
02/03/2014	12:00	6	NNW
02/03/2014	12:05	4	N
02/03/2014	12:10	4	N
02/03/2014	12:15	3	NNE
02/03/2014	12:20	5	NNE
02/03/2014	12:25	5	NNW
02/03/2014	12:30	5	NNW
02/03/2014	12:35	3	WNW
02/03/2014	12:40	5	NW
02/03/2014	12:45	4	NW
02/03/2014	12:50	4	NW
02/03/2014	12:55	4	NW
02/03/2014	13:00	3	NW
02/03/2014	13:05	3	NNW
02/03/2014	13:10	4	NNW
02/03/2014	13:15	3	NW
02/03/2014	13:20	3	N
02/03/2014	13:25	3	N
02/03/2014	13:30	5	NNW
02/03/2014	13:35	4	NNW
02/03/2014	13:40	5	NNW
02/03/2014	13:45	3	NNW
02/03/2014	13:50	5	NNW
02/03/2014	13:55	6	NNW
02/03/2014	14:00	5	NNW
02/03/2014	14:05	5	NNW
02/03/2014	14:10	6	NNW
02/03/2014	14:15	5	NNW
02/03/2014	14:20	4	NNW
02/03/2014	14:25	3	NNW
02/03/2014	14:30	2	NNW
02/03/2014	14:35	2	NNW
02/03/2014	14:40	3	NNW
02/03/2014	14:45	1	NNW
02/03/2014	14:50	0	---
02/03/2014	14:55	0	---
02/03/2014	15:00	0	---
02/03/2014	15:05	0	---
02/03/2014	15:10	0	---
02/03/2014	15:15	0	---
02/03/2014	15:20	0	---
02/03/2014	15:25	0	---
02/03/2014	15:30	0	---
02/03/2014	15:35	0	---
02/03/2014	15:40	0	---
02/03/2014	15:45	0	N
02/03/2014	15:50	2	N
02/03/2014	15:55	2	SE
02/03/2014	16:00	3	SSE
02/03/2014	16:05	4	SSE
02/03/2014	16:10	3	SSE
02/03/2014	16:15	4	SSE
02/03/2014	16:20	7	SSE
02/03/2014	16:25	6	SSE
02/03/2014	16:30	6	SSE
02/03/2014	16:35	6	SSE
02/03/2014	16:40	5	SSE
02/03/2014	16:45	7	SSE
02/03/2014	16:50	7	SE
02/03/2014	16:55	6	SSE
02/03/2014	17:00	6	SSE
02/03/2014	17:05	5	SSE
02/03/2014	17:10	9	SSE
02/03/2014	17:15	9	SSE
02/03/2014	17:20	9	SSE
02/03/2014	17:25	6	SSE
02/03/2014	17:30	6	SSE
02/03/2014	17:35	7	SSE
02/03/2014	17:40	7	SSE
02/03/2014	17:45	8	SSE
02/03/2014	17:50	6	SSE
02/03/2014	17:55	7	SE
02/03/2014	18:00	7	SE
02/03/2014	18:05	7	SE
02/03/2014	18:10	6	SE
02/03/2014	18:15	7	SE
02/03/2014	18:20	8	SE
02/03/2014	18:25	7	SSE
02/03/2014	18:30	9	SSE
02/03/2014	18:35	8	SSE
02/03/2014	18:40	7	SSE
02/03/2014	18:45	7	SSE
02/03/2014	18:50	5	SSE
02/03/2014	18:55	8	SSE
02/03/2014	19:00	8	SSE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
03/03/2014	02:15	6	SE
03/03/2014	02:20	6	SE
03/03/2014	02:25	8	SE
03/03/2014	02:30	9	SE
03/03/2014	02:35	10	SE
03/03/2014	02:40	5	SE
03/03/2014	02:45	8	SE
03/03/2014	02:50	9	SE
03/03/2014	02:55	11	SSE
03/03/2014	03:00	9	SSE
03/03/2014	03:05	10	SSE
03/03/2014	03:10	8	SE
03/03/2014	03:15	7	SE
03/03/2014	03:20	9	SSE
03/03/2014	03:25	10	SSE
03/03/2014	03:30	10	SSE
03/03/2014	03:35	8	SSE
03/03/2014	03:40	9	SE
03/03/2014	03:45	9	SSE
03/03/2014	03:50	6	SE
03/03/2014	03:55	10	SE
03/03/2014	04:00	9	SE
03/03/2014	04:05	8	SE
03/03/2014	04:10	7	SE
03/03/2014	04:15	6	SE
03/03/2014	04:20	7	ESE
03/03/2014	04:25	6	ENE
03/03/2014	04:30	11	SSE
03/03/2014	04:35	10	SE
03/03/2014	04:40	11	SSE
03/03/2014	04:45	10	SSE
03/03/2014	04:50	9	SSE
03/03/2014	04:55	7	SE
03/03/2014	05:00	10	SE
03/03/2014	05:05	7	SE
03/03/2014	05:10	7	SE
03/03/2014	05:15	6	SE
03/03/2014	05:20	6	SSE
03/03/2014	05:25	8	SSE
03/03/2014	05:30	9	SSE
03/03/2014	05:35	6	SE
03/03/2014	05:40	5	SSE
03/03/2014	05:45	6	SE
03/03/2014	05:50	8	SE
03/03/2014	05:55	7	SE
03/03/2014	06:00	9	SE
03/03/2014	06:05	9	SSE
03/03/2014	06:10	8	SE
03/03/2014	06:15	5	ESE
03/03/2014	06:20	7	SSE
03/03/2014	06:25	8	SSE
03/03/2014	06:30	7	SSE
03/03/2014	06:35	6	SSE
03/03/2014	06:40	6	SSE
03/03/2014	06:45	9	SE
03/03/2014	06:50	8	SSE
03/03/2014	06:55	5	SE
03/03/2014	07:00	6	ESE
03/03/2014	07:05	9	SE
03/03/2014	07:10	9	SE
03/03/2014	07:15	10	ESE
03/03/2014	07:20	7	E
03/03/2014	07:25	7	E
03/03/2014	07:30	4	NNE
03/03/2014	07:35	4	E
03/03/2014	07:40	4	NE
03/03/2014	07:45	7	SE
03/03/2014	07:50	8	E
03/03/2014	07:55	8	ESE
03/03/2014	08:00	11	SE
03/03/2014	08:05	12	SE
03/03/2014	08:10	13	SE
03/03/2014	08:15	12	SSE
03/03/2014	08:20	15	SE
03/03/2014	08:25	19	SE
03/03/2014	08:30	12	SSE
03/03/2014	08:35	12	SSE
03/03/2014	08:40	11	SSE
03/03/2014	08:45	8	SSE
03/03/2014	08:50	7	SSE
03/03/2014	08:55	5	SSE
03/03/2014	09:00	7	SSE
03/03/2014	09:05	10	SSE
03/03/2014	09:10	7	SSE
03/03/2014	09:15	9	SSE
03/03/2014	09:20	8	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
03/03/2014	09:25	8	SSE
03/03/2014	09:30	10	SSE
03/03/2014	09:35	9	SSE
03/03/2014	09:40	9	SSE
03/03/2014	09:45	10	SSE
03/03/2014	09:50	9	SSE
03/03/2014	09:55	11	SSE
03/03/2014	10:00	12	SSE
03/03/2014	10:05	9	SSE
03/03/2014	10:10	10	SSE
03/03/2014	10:15	11	SSE
03/03/2014	10:20	11	SSE
03/03/2014	10:25	10	SSE
03/03/2014	10:30	10	SSE
03/03/2014	10:35	11	SSE
03/03/2014	10:40	11	SSE
03/03/2014	10:45	13	SSE
03/03/2014	10:50	12	SSE
03/03/2014	10:55	12	SSE
03/03/2014	11:00	13	SSE
03/03/2014	11:05	15	SE
03/03/2014	11:10	16	SSE
03/03/2014	11:15	14	SSE
03/03/2014	11:20	15	SSE
03/03/2014	11:25	13	SSE
03/03/2014	11:30	15	SSE
03/03/2014	11:35	13	SSE
03/03/2014	11:40	10	SSE
03/03/2014	11:45	9	SSE
03/03/2014	11:50	12	SSE
03/03/2014	11:55	9	SSE
03/03/2014	12:00	9	SSE
03/03/2014	12:05	8	SSE
03/03/2014	12:10	10	SSE
03/03/2014	12:15	9	SSE
03/03/2014	12:20	9	SSE
03/03/2014	12:25	9	SSE
03/03/2014	12:30	10	SSE
03/03/2014	12:35	10	SSE
03/03/2014	12:40	13	SSE
03/03/2014	12:45	14	SSE
03/03/2014	12:50	13	SSE
03/03/2014	12:55	15	SSE
03/03/2014	13:00	15	SSE
03/03/2014	13:05	15	SSE
03/03/2014	13:10	17	SSE
03/03/2014	13:15	16	SSE
03/03/2014	13:20	18	SSE
03/03/2014	13:25	17	SSE
03/03/2014	13:30	18	SSE
03/03/2014	13:35	18	SSE
03/03/2014	13:40	20	SSE
03/03/2014	13:45	18	SSE
03/03/2014	13:50	19	SSE
03/03/2014	13:55	17	SSE
03/03/2014	14:00	17	SSE
03/03/2014	14:05	16	SSE
03/03/2014	14:10	15	SSE
03/03/2014	14:15	15	SSE
03/03/2014	14:20	16	SSE
03/03/2014	14:25	15	SSE
03/03/2014	14:30	14	SSE
03/03/2014	14:35	15	SSE
03/03/2014	14:40	14	SSE
03/03/2014	14:45	14	SSE
03/03/2014	14:50	17	SSE
03/03/2014	14:55	16	SE
03/03/2014	15:00	16	SE
03/03/2014	15:05	20	SSE
03/03/2014	15:10	16	SSE
03/03/2014	15:15	19	SE
03/03/2014	15:20	18	SE
03/03/2014	15:25	17	SE
03/03/2014	15:30	18	SE
03/03/2014	15:35	19	SE
03/03/2014	15:40	19	SE
03/03/2014	15:45	17	SE
03/03/2014	15:50	18	SE
03/03/2014	15:55	19	SE
03/03/2014	16:00	19	SE
03/03/2014	16:05	18	SE
03/03/2014	16:10	18	SE
03/03/2014	16:15	18	SE
03/03/2014	16:20	18	SE
03/03/2014	16:25	18	SE
03/03/2014	16:30	20	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
03/03/2014	16:35	20	SE
03/03/2014	16:40	17	SE
03/03/2014	16:45	19	SE
03/03/2014	16:50	20	SE
03/03/2014	16:55	18	SE
03/03/2014	17:00	19	SE
03/03/2014	17:05	19	SE
03/03/2014	17:10	17	SE
03/03/2014	17:15	18	SE
03/03/2014	17:20	19	SE
03/03/2014	17:25	19	SE
03/03/2014	17:30	18	SE
03/03/2014	17:35	19	SE
03/03/2014	17:40	19	SE
03/03/2014	17:45	17	SE
03/03/2014	17:50	18	SE
03/03/2014	17:55	19	SE
03/03/2014	18:00	18	SE
03/03/2014	18:05	18	SE
03/03/2014	18:10	19	SE
03/03/2014	18:15	17	SE
03/03/2014	18:20	19	SE
03/03/2014	18:25	20	SE
03/03/2014	18:30	19	SE
03/03/2014	18:35	22	SE
03/03/2014	18:40	20	SE
03/03/2014	18:45	20	SE
03/03/2014	18:50	19	SE
03/03/2014	18:55	16	SE
03/03/2014	19:00	14	SSE
03/03/2014	19:05	14	SE
03/03/2014	19:10	12	SE
03/03/2014	19:15	11	SE
03/03/2014	19:20	11	SE
03/03/2014	19:25	11	SSE
03/03/2014	19:30	10	SSE
03/03/2014	19:35	15	SSE
03/03/2014	19:40	12	SSE
03/03/2014	19:45	15	SSE
03/03/2014	19:50	15	SE
03/03/2014	19:55	14	SE
03/03/2014	20:00	13	SSE
03/03/2014	20:05	15	SSE
03/03/2014	20:10	16	SE
03/03/2014	20:15	17	SSE
03/03/2014	20:20	16	SE
03/03/2014	20:25	15	SE
03/03/2014	20:30	15	SE
03/03/2014	20:35	16	SE
03/03/2014	20:40	18	SE
03/03/2014	20:45	17	SE
03/03/2014	20:50	17	SE
03/03/2014	20:55	15	SE
03/03/2014	21:00	15	SE
03/03/2014	21:05	16	SE
03/03/2014	21:10	15	SE
03/03/2014	21:15	14	SE
03/03/2014	21:20	17	SE
03/03/2014	21:25	15	SE
03/03/2014	21:30	14	SE
03/03/2014	21:35	15	SE
03/03/2014	21:40	13	SE
03/03/2014	21:45	16	SE
03/03/2014	21:50	17	SE
03/03/2014	21:55	15	SE
03/03/2014	22:00	16	SE
03/03/2014	22:05	16	SE
03/03/2014	22:10	19	SE
03/03/2014	22:15	17	SE
03/03/2014	22:20	18	SE
03/03/2014	22:25	17	SE
03/03/2014	22:30	17	SE
03/03/2014	22:35	15	SE
03/03/2014	22:40	14	SSE
03/03/2014	22:45	15	SSE
03/03/2014	22:50	14	SSE
03/03/2014	22:55	16	SSE
03/03/2014	23:00	15	SSE
03/03/2014	23:05	17	SSE
03/03/2014	23:10	19	SE
03/03/2014	23:15	18	SE
03/03/2014	23:20	18	SE
03/03/2014	23:25	17	SE
03/03/2014	23:30	18	SE
03/03/2014	23:35	19	SE
03/03/2014	23:40	18	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
03/03/2014	23:45	16	SE
03/03/2014	23:50	19	SE
03/03/2014	23:55	18	SE
04/03/2014	00:00	17	SE
04/03/2014	00:05	16	SE
04/03/2014	00:10	17	SE
04/03/2014	00:15	17	SE
04/03/2014	00:20	17	SE
04/03/2014	00:25	14	SSE
04/03/2014	00:30	14	SE
04/03/2014	00:35	12	SE
04/03/2014	00:40	10	SSE
04/03/2014	00:45	11	SSE
04/03/2014	00:50	13	SSE
04/03/2014	00:55	14	SE
04/03/2014	01:00	14	SE
04/03/2014	01:05	15	SE
04/03/2014	01:10	14	SE
04/03/2014	01:15	13	SE
04/03/2014	01:20	10	SSE
04/03/2014	01:25	10	SE
04/03/2014	01:30	14	SE
04/03/2014	01:35	14	SSE
04/03/2014	01:40	14	SE
04/03/2014	01:45	13	SE
04/03/2014	01:50	16	SE
04/03/2014	01:55	15	SE
04/03/2014	02:00	15	SE
04/03/2014	02:05	16	SE
04/03/2014	02:10	16	SSE
04/03/2014	02:15	14	SE
04/03/2014	02:20	15	SE
04/03/2014	02:25	15	SE
04/03/2014	02:30	14	SE
04/03/2014	02:35	13	SE
04/03/2014	02:40	12	SSE
04/03/2014	02:45	12	SSE
04/03/2014	02:50	11	SE
04/03/2014	02:55	13	SSE
04/03/2014	03:00	14	SE
04/03/2014	03:05	13	SE
04/03/2014	03:10	14	SE
04/03/2014	03:15	13	SE
04/03/2014	03:20	15	SE
04/03/2014	03:25	14	SSE
04/03/2014	03:30	11	SSE
04/03/2014	03:35	10	SE
04/03/2014	03:40	12	ESE
04/03/2014	03:45	8	SE
04/03/2014	03:50	6	SE
04/03/2014	03:55	7	ESE
04/03/2014	04:00	8	SE
04/03/2014	04:05	8	SE
04/03/2014	04:10	8	SE
04/03/2014	04:15	13	SE
04/03/2014	04:20	14	SE
04/03/2014	04:25	16	SE
04/03/2014	04:30	15	SE
04/03/2014	04:35	14	SE
04/03/2014	04:40	12	SE
04/03/2014	04:45	13	SE
04/03/2014	04:50	12	SE
04/03/2014	04:55	13	SE
04/03/2014	05:00	10	SSE
04/03/2014	05:05	10	SSE
04/03/2014	05:10	11	SE
04/03/2014	05:15	9	SSE
04/03/2014	05:20	4	SSE
04/03/2014	05:25	4	SSE
04/03/2014	05:30	6	SSE
04/03/2014	05:35	7	S
04/03/2014	05:40	6	SE
04/03/2014	05:45	3	SSE
04/03/2014	05:50	6	SSE
04/03/2014	05:55	6	SSE
04/03/2014	06:00	6	SSE
04/03/2014	06:05	9	ESE
04/03/2014	06:10	10	SE
04/03/2014	06:15	13	SE
04/03/2014	06:20	10	SSE
04/03/2014	06:25	11	SE
04/03/2014	06:30	9	SE
04/03/2014	06:35	13	SE
04/03/2014	06:40	10	SE
04/03/2014	06:45	11	SE
04/03/2014	06:50	9	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
04/03/2014	06:55	8	SE
04/03/2014	07:00	9	SE
04/03/2014	07:05	7	SE
04/03/2014	07:10	3	SE
04/03/2014	07:15	4	SSE
04/03/2014	07:20	6	SSE
04/03/2014	07:25	6	SE
04/03/2014	07:30	0	SE
04/03/2014	07:35	1	ESE
04/03/2014	07:40	7	SE
04/03/2014	07:45	7	SE
04/03/2014	07:50	8	SE
04/03/2014	07:55	8	SE
04/03/2014	08:00	9	SE
04/03/2014	08:05	8	SE
04/03/2014	08:10	8	SE
04/03/2014	08:15	10	SE
04/03/2014	08:20	9	SE
04/03/2014	08:25	12	SE
04/03/2014	08:30	10	SE
04/03/2014	08:35	10	SE
04/03/2014	08:40	11	SE
04/03/2014	08:45	11	SE
04/03/2014	08:50	11	SE
04/03/2014	08:55	10	SE
04/03/2014	09:00	10	SE
04/03/2014	09:05	9	SE
04/03/2014	09:10	11	SE
04/03/2014	09:15	11	SE
04/03/2014	09:20	11	SE
04/03/2014	09:25	11	SE
04/03/2014	09:30	10	SE
04/03/2014	09:35	10	SE
04/03/2014	09:40	10	SE
04/03/2014	09:45	7	SE
04/03/2014	09:50	7	SE
04/03/2014	09:55	5	SE
04/03/2014	10:00	6	SE
04/03/2014	10:05	4	SSE
04/03/2014	10:10	5	SE
04/03/2014	10:15	8	SE
04/03/2014	10:20	8	SE
04/03/2014	10:25	9	SE
04/03/2014	10:30	10	SE
04/03/2014	10:35	10	SE
04/03/2014	10:40	11	SE
04/03/2014	10:45	8	SE
04/03/2014	10:50	9	SE
04/03/2014	10:55	8	SE
04/03/2014	11:00	7	SE
04/03/2014	11:05	7	SE
04/03/2014	11:10	5	SSE
04/03/2014	11:15	6	SE
04/03/2014	11:20	6	SE
04/03/2014	11:25	6	SE
04/03/2014	11:30	6	SE
04/03/2014	11:35	6	SE
04/03/2014	11:40	5	SE
04/03/2014	11:45	5	SE
04/03/2014	11:50	6	SSE
04/03/2014	11:55	3	ESE
04/03/2014	12:00	4	E
04/03/2014	12:05	4	SE
04/03/2014	12:10	4	ESE
04/03/2014	12:15	5	SE
04/03/2014	12:20	5	SE
04/03/2014	12:25	7	ESE
04/03/2014	12:30	8	ESE
04/03/2014	12:35	6	ESE
04/03/2014	12:40	7	E
04/03/2014	12:45	9	ESE
04/03/2014	12:50	7	ESE
04/03/2014	12:55	6	SE
04/03/2014	13:00	5	ESE
04/03/2014	13:05	4	SE
04/03/2014	13:10	4	SE
04/03/2014	13:15	5	ESE
04/03/2014	13:20	4	SE
04/03/2014	13:25	4	SE
04/03/2014	13:30	1	SSE
04/03/2014	13:35	2	ESE
04/03/2014	13:40	3	ESE
04/03/2014	13:45	3	S
04/03/2014	13:50	2	E
04/03/2014	13:55	2	NW
04/03/2014	14:00	0	WNW

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

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

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

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

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/03/2014	11:35	1	NW
05/03/2014	11:40	1	NNW
05/03/2014	11:45	1	NNW
05/03/2014	11:50	2	N
05/03/2014	11:55	3	NNW
05/03/2014	12:00	4	NNW
05/03/2014	12:05	3	E
05/03/2014	12:10	4	E
05/03/2014	12:15	4	E
05/03/2014	12:20	5	E
05/03/2014	12:25	6	E
05/03/2014	12:30	5	E
05/03/2014	12:35	4	E
05/03/2014	12:40	2	ENE
05/03/2014	12:45	3	E
05/03/2014	12:50	2	ENE
05/03/2014	12:55	1	E
05/03/2014	13:00	2	E
05/03/2014	13:05	4	E
05/03/2014	13:10	4	E
05/03/2014	13:15	7	SE
05/03/2014	13:20	4	SSE
05/03/2014	13:25	7	SSE
05/03/2014	13:30	8	SSE
05/03/2014	13:35	9	SSE
05/03/2014	13:40	8	SSE
05/03/2014	13:45	7	SSE
05/03/2014	13:50	6	SSE
05/03/2014	13:55	7	SSE
05/03/2014	14:00	8	SSE
05/03/2014	14:05	6	SSE
05/03/2014	14:10	5	SSE
05/03/2014	14:15	7	SSE
05/03/2014	14:20	9	SSE
05/03/2014	14:25	5	SSE
05/03/2014	14:30	6	SSE
05/03/2014	14:35	6	SSE
05/03/2014	14:40	7	SSE
05/03/2014	14:45	8	SSE
05/03/2014	14:50	7	SSE
05/03/2014	14:55	8	SSE
05/03/2014	15:00	8	SSE
05/03/2014	15:05	7	SSE
05/03/2014	15:10	6	SSE
05/03/2014	15:15	7	SSE
05/03/2014	15:20	7	SE
05/03/2014	15:25	5	SSE
05/03/2014	15:30	6	SSE
05/03/2014	15:35	6	SSE
05/03/2014	15:40	7	SSE
05/03/2014	15:45	6	SSE
05/03/2014	15:50	7	SSE
05/03/2014	15:55	6	SSE
05/03/2014	16:00	5	SSE
05/03/2014	16:05	4	SSE
05/03/2014	16:10	4	SSE
05/03/2014	16:15	4	SSE
05/03/2014	16:20	3	SSE
05/03/2014	16:25	5	SSE
05/03/2014	16:30	6	SSE
05/03/2014	16:35	7	SSE
05/03/2014	16:40	5	SSE
05/03/2014	16:45	6	SSE
05/03/2014	16:50	5	SSE
05/03/2014	16:55	5	SSE
05/03/2014	17:00	7	SE
05/03/2014	17:05	5	SE
05/03/2014	17:10	5	SSE
05/03/2014	17:15	6	SSE
05/03/2014	17:20	6	SE
05/03/2014	17:25	7	SSE
05/03/2014	17:30	6	SE
05/03/2014	17:35	5	SE
05/03/2014	17:40	8	SE
05/03/2014	17:45	7	SSE
05/03/2014	17:50	8	ESE
05/03/2014	17:55	8	SE
05/03/2014	18:00	8	SE
05/03/2014	18:05	10	SE
05/03/2014	18:10	11	SE
05/03/2014	18:15	9	SE
05/03/2014	18:20	12	SE
05/03/2014	18:25	13	SE
05/03/2014	18:30	11	SE
05/03/2014	18:35	11	SE
05/03/2014	18:40	11	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/03/2014	18:45	9	SE
05/03/2014	18:50	12	SSE
05/03/2014	18:55	12	SSE
05/03/2014	19:00	10	SE
05/03/2014	19:05	9	SE
05/03/2014	19:10	8	SE
05/03/2014	19:15	7	SE
05/03/2014	19:20	9	SE
05/03/2014	19:25	8	SE
05/03/2014	19:30	7	SE
05/03/2014	19:35	8	SE
05/03/2014	19:40	7	SE
05/03/2014	19:45	6	SE
05/03/2014	19:50	9	SE
05/03/2014	19:55	7	SSE
05/03/2014	20:00	9	SSE
05/03/2014	20:05	8	SSE
05/03/2014	20:10	8	SE
05/03/2014	20:15	11	SE
05/03/2014	20:20	11	SSE
05/03/2014	20:25	10	SSE
05/03/2014	20:30	11	SSE
05/03/2014	20:35	11	SSE
05/03/2014	20:40	12	SE
05/03/2014	20:45	9	SSE
05/03/2014	20:50	12	SE
05/03/2014	20:55	9	SSE
05/03/2014	21:00	11	SSE
05/03/2014	21:05	11	SSE
05/03/2014	21:10	9	SSE
05/03/2014	21:15	9	SSE
05/03/2014	21:20	11	SE
05/03/2014	21:25	14	SSE
05/03/2014	21:30	13	SSE
05/03/2014	21:35	13	SSE
05/03/2014	21:40	11	SSE
05/03/2014	21:45	12	SSE
05/03/2014	21:50	12	SSE
05/03/2014	21:55	12	SSE
05/03/2014	22:00	12	SE
05/03/2014	22:05	14	SSE
05/03/2014	22:10	14	SSE
05/03/2014	22:15	15	SSE
05/03/2014	22:20	12	SSE
05/03/2014	22:25	13	SSE
05/03/2014	22:30	13	SSE
05/03/2014	22:35	12	SSE
05/03/2014	22:40	14	SSE
05/03/2014	22:45	14	SSE
05/03/2014	22:50	13	SSE
05/03/2014	22:55	13	SSE
05/03/2014	23:00	14	SSE
05/03/2014	23:05	13	SSE
05/03/2014	23:10	12	SSE
05/03/2014	23:15	12	SSE
05/03/2014	23:20	13	SSE
05/03/2014	23:25	13	SSE
05/03/2014	23:30	13	SSE
05/03/2014	23:35	14	SSE
05/03/2014	23:40	14	SSE
05/03/2014	23:45	13	SSE
05/03/2014	23:50	12	SSE
05/03/2014	23:55	14	SSE
06/03/2014	00:00	13	SSE
06/03/2014	00:05	12	SSE
06/03/2014	00:10	13	SSE
06/03/2014	00:15	11	SE
06/03/2014	00:20	10	SSE
06/03/2014	00:25	10	SSE
06/03/2014	00:30	7	SSE
06/03/2014	00:35	11	SSE
06/03/2014	00:40	10	SSE
06/03/2014	00:45	12	SE
06/03/2014	00:50	13	SSE
06/03/2014	00:55	11	SSE
06/03/2014	01:00	12	SSE
06/03/2014	01:05	12	SSE
06/03/2014	01:10	12	SE
06/03/2014	01:15	11	SE
06/03/2014	01:20	13	SE
06/03/2014	01:25	14	SE
06/03/2014	01:30	12	SE
06/03/2014	01:35	10	SE
06/03/2014	01:40	12	SE
06/03/2014	01:45	13	SE
06/03/2014	01:50	13	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/03/2014	01:55	10	SE
06/03/2014	02:00	9	SSE
06/03/2014	02:05	9	SSE
06/03/2014	02:10	13	SSE
06/03/2014	02:15	10	SSE
06/03/2014	02:20	13	SSE
06/03/2014	02:25	12	SSE
06/03/2014	02:30	10	SSE
06/03/2014	02:35	13	SSE
06/03/2014	02:40	12	SSE
06/03/2014	02:45	12	SSE
06/03/2014	02:50	11	SSE
06/03/2014	02:55	10	SSE
06/03/2014	03:00	9	SSE
06/03/2014	03:05	10	SSE
06/03/2014	03:10	8	SSE
06/03/2014	03:15	9	SSE
06/03/2014	03:20	8	SSE
06/03/2014	03:25	8	SSE
06/03/2014	03:30	9	SSE
06/03/2014	03:35	10	SSE
06/03/2014	03:40	12	SSE
06/03/2014	03:45	14	SSE
06/03/2014	03:50	13	SE
06/03/2014	03:55	14	SE
06/03/2014	04:00	15	SSE
06/03/2014	04:05	15	SSE
06/03/2014	04:10	13	SSE
06/03/2014	04:15	11	SSE
06/03/2014	04:20	9	SSE
06/03/2014	04:25	10	SSE
06/03/2014	04:30	13	SSE
06/03/2014	04:35	13	SSE
06/03/2014	04:40	14	SSE
06/03/2014	04:45	13	SE
06/03/2014	04:50	12	SE
06/03/2014	04:55	12	SSE
06/03/2014	05:00	12	SSE
06/03/2014	05:05	11	SSE
06/03/2014	05:10	11	SSE
06/03/2014	05:15	11	SSE
06/03/2014	05:20	8	SSE
06/03/2014	05:25	10	SSE
06/03/2014	05:30	10	SSE
06/03/2014	05:35	12	SSE
06/03/2014	05:40	12	SE
06/03/2014	05:45	18	SE
06/03/2014	05:50	16	SE
06/03/2014	05:55	10	SE
06/03/2014	06:00	10	SSE
06/03/2014	06:05	11	SSE
06/03/2014	06:10	10	SSE
06/03/2014	06:15	10	SSE
06/03/2014	06:20	8	SSE
06/03/2014	06:25	14	SSE
06/03/2014	06:30	12	SE
06/03/2014	06:35	13	SE
06/03/2014	06:40	13	SSE
06/03/2014	06:45	11	SE
06/03/2014	06:50	12	SSE
06/03/2014	06:55	14	SE
06/03/2014	07:00	15	SE
06/03/2014	07:05	16	SE
06/03/2014	07:10	14	SE
06/03/2014	07:15	11	SE
06/03/2014	07:20	13	ESE
06/03/2014	07:25	14	SSE
06/03/2014	07:30	14	SE
06/03/2014	07:35	15	SSE
06/03/2014	07:40	16	SSE
06/03/2014	07:45	16	SSE
06/03/2014	07:50	11	SSE
06/03/2014	07:55	11	ESE
06/03/2014	08:00	11	SSE
06/03/2014	08:05	11	SE
06/03/2014	08:10	14	SE
06/03/2014	08:15	12	SE
06/03/2014	08:20	13	ESE
06/03/2014	08:25	19	SE
06/03/2014	08:30	19	SE
06/03/2014	08:35	18	SE
06/03/2014	08:40	20	SE
06/03/2014	08:45	18	SE
06/03/2014	08:50	17	SE
06/03/2014	08:55	19	SE
06/03/2014	09:00	17	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/03/2014	09:05	16	ESE
06/03/2014	09:10	17	SE
06/03/2014	09:15	17	SE
06/03/2014	09:20	12	SSE
06/03/2014	09:25	13	SE
06/03/2014	09:30	11	SE
06/03/2014	09:35	11	SSE
06/03/2014	09:40	11	SSE
06/03/2014	09:45	10	SSE
06/03/2014	09:50	13	SSE
06/03/2014	09:55	13	SSE
06/03/2014	10:00	14	SSE
06/03/2014	10:05	12	SSE
06/03/2014	10:10	14	SSE
06/03/2014	10:15	12	SSE
06/03/2014	10:20	12	SSE
06/03/2014	10:25	12	SSE
06/03/2014	10:30	12	SSE
06/03/2014	10:35	12	SSE
06/03/2014	10:40	10	SSE
06/03/2014	10:45	8	SSE
06/03/2014	10:50	12	SE
06/03/2014	10:55	11	ESE
06/03/2014	11:00	13	SE
06/03/2014	11:05	14	SE
06/03/2014	11:10	15	SE
06/03/2014	11:15	16	SE
06/03/2014	11:20	17	SE
06/03/2014	11:25	18	SE
06/03/2014	11:30	17	SE
06/03/2014	11:35	17	SE
06/03/2014	11:40	18	SE
06/03/2014	11:45	19	SE
06/03/2014	11:50	21	SE
06/03/2014	11:55	19	SE
06/03/2014	12:00	19	SE
06/03/2014	12:05	21	SE
06/03/2014	12:10	21	SE
06/03/2014	12:15	21	SE
06/03/2014	12:20	22	SE
06/03/2014	12:25	21	SE
06/03/2014	12:30	21	SE
06/03/2014	12:35	18	SE
06/03/2014	12:40	15	SE
06/03/2014	12:45	17	SE
06/03/2014	12:50	18	SE
06/03/2014	12:55	16	SE
06/03/2014	13:00	15	SE
06/03/2014	13:05	17	SE
06/03/2014	13:10	17	SE
06/03/2014	13:15	16	SE
06/03/2014	13:20	18	SE
06/03/2014	13:25	18	SE
06/03/2014	13:30	17	SE
06/03/2014	13:35	16	SE
06/03/2014	13:40	19	SE
06/03/2014	13:45	20	SE
06/03/2014	13:50	18	SE
06/03/2014	13:55	18	SE
06/03/2014	14:00	18	SE
06/03/2014	14:05	17	SSE
06/03/2014	14:10	18	SE
06/03/2014	14:15	17	SE
06/03/2014	14:20	19	SE
06/03/2014	14:25	17	SE
06/03/2014	14:30	18	SE
06/03/2014	14:35	16	SE
06/03/2014	14:40	18	SE
06/03/2014	14:45	16	SE
06/03/2014	14:50	18	SE
06/03/2014	14:55	16	SE
06/03/2014	15:00	14	SE
06/03/2014	15:05	14	SE
06/03/2014	15:10	14	SE
06/03/2014	15:15	13	SE
06/03/2014	15:20	10	SE
06/03/2014	15:25	9	SSE
06/03/2014	15:30	11	SSE
06/03/2014	15:35	11	SSE
06/03/2014	15:40	10	SSE
06/03/2014	15:45	17	SSE
06/03/2014	15:50	15	SE
06/03/2014	15:55	19	SE
06/03/2014	16:00	18	SE
06/03/2014	16:05	20	SE
06/03/2014	16:10	20	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/03/2014	16:15	16	SSE
06/03/2014	16:20	14	SSE
06/03/2014	16:25	13	SE
06/03/2014	16:30	15	SSE
06/03/2014	16:35	15	SE
06/03/2014	16:40	18	SE
06/03/2014	16:45	20	SE
06/03/2014	16:50	17	SE
06/03/2014	16:55	14	SSE
06/03/2014	17:00	12	SE
06/03/2014	17:05	13	SE
06/03/2014	17:10	16	SE
06/03/2014	17:15	17	SE
06/03/2014	17:20	16	SE
06/03/2014	17:25	16	SE
06/03/2014	17:30	15	SE
06/03/2014	17:35	17	SE
06/03/2014	17:40	15	SE
06/03/2014	17:45	15	SE
06/03/2014	17:50	16	SE
06/03/2014	17:55	14	SE
06/03/2014	18:00	11	SE
06/03/2014	18:05	11	SE
06/03/2014	18:10	11	SSE
06/03/2014	18:15	10	SSE
06/03/2014	18:20	9	SSE
06/03/2014	18:25	9	SSE
06/03/2014	18:30	10	SSE
06/03/2014	18:35	9	SSE
06/03/2014	18:40	10	SE
06/03/2014	18:45	15	SSE
06/03/2014	18:50	17	SSE
06/03/2014	18:55	15	SE
06/03/2014	19:00	15	SE
06/03/2014	19:05	15	SE
06/03/2014	19:10	15	SSE
06/03/2014	19:15	15	SE
06/03/2014	19:20	13	SSE
06/03/2014	19:25	14	SE
06/03/2014	19:30	13	SSE
06/03/2014	19:35	15	SSE
06/03/2014	19:40	14	SSE
06/03/2014	19:45	13	SSE
06/03/2014	19:50	13	SSE
06/03/2014	19:55	13	SSE
06/03/2014	20:00	13	SSE
06/03/2014	20:05	15	SE
06/03/2014	20:10	15	SE
06/03/2014	20:15	15	SSE
06/03/2014	20:20	14	SSE
06/03/2014	20:25	13	SE
06/03/2014	20:30	16	SE
06/03/2014	20:35	15	SE
06/03/2014	20:40	9	SSE
06/03/2014	20:45	10	SSE
06/03/2014	20:50	10	SSE
06/03/2014	20:55	9	SSE
06/03/2014	21:00	11	SSE
06/03/2014	21:05	14	SSE
06/03/2014	21:10	16	SSE
06/03/2014	21:15	12	SSE
06/03/2014	21:20	11	SE
06/03/2014	21:25	15	SE
06/03/2014	21:30	15	SE
06/03/2014	21:35	14	SSE
06/03/2014	21:40	13	SSE
06/03/2014	21:45	10	SSE
06/03/2014	21:50	9	SSE
06/03/2014	21:55	10	SSE
06/03/2014	22:00	9	SE
06/03/2014	22:05	11	SSE
06/03/2014	22:10	10	SSE
06/03/2014	22:15	12	SSE
06/03/2014	22:20	12	SSE
06/03/2014	22:25	13	SSE
06/03/2014	22:30	12	SSE
06/03/2014	22:35	11	SSE
06/03/2014	22:40	11	SSE
06/03/2014	22:45	11	SSE
06/03/2014	22:50	12	SSE
06/03/2014	22:55	13	SSE
06/03/2014	23:00	14	SSE
06/03/2014	23:05	12	SSE
06/03/2014	23:10	14	SSE
06/03/2014	23:15	12	SSE
06/03/2014	23:20	11	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/03/2014	23:25	14	SSE
06/03/2014	23:30	15	SSE
06/03/2014	23:35	14	SSE
06/03/2014	23:40	12	SSE
06/03/2014	23:45	8	SSE
06/03/2014	23:50	9	SSE
06/03/2014	23:55	13	SSE
07/03/2014	00:00	13	SSE
07/03/2014	00:05	12	SSE
07/03/2014	00:10	12	SSE
07/03/2014	00:15	12	SSE
07/03/2014	00:20	14	SE
07/03/2014	00:25	12	SSE
07/03/2014	00:30	10	SE
07/03/2014	00:35	10	SSE
07/03/2014	00:40	11	SE
07/03/2014	00:45	14	SE
07/03/2014	00:50	12	SE
07/03/2014	00:55	10	SSE
07/03/2014	01:00	11	SSE
07/03/2014	01:05	10	SSE
07/03/2014	01:10	11	SSE
07/03/2014	01:15	12	SSE
07/03/2014	01:20	11	SSE
07/03/2014	01:25	12	SE
07/03/2014	01:30	12	SE
07/03/2014	01:35	11	SSE
07/03/2014	01:40	9	SSE
07/03/2014	01:45	10	SSE
07/03/2014	01:50	9	SE
07/03/2014	01:55	12	SSE
07/03/2014	02:00	8	SSE
07/03/2014	02:05	11	SSE
07/03/2014	02:10	12	SSE
07/03/2014	02:15	11	SSE
07/03/2014	02:20	10	SSE
07/03/2014	02:25	13	SSE
07/03/2014	02:30	13	SSE
07/03/2014	02:35	10	SSE
07/03/2014	02:40	11	SSE
07/03/2014	02:45	13	SSE
07/03/2014	02:50	11	SSE
07/03/2014	02:55	13	SSE
07/03/2014	03:00	11	SSE
07/03/2014	03:05	11	SSE
07/03/2014	03:10	12	SSE
07/03/2014	03:15	11	SSE
07/03/2014	03:20	9	SSE
07/03/2014	03:25	11	SSE
07/03/2014	03:30	11	SSE
07/03/2014	03:35	12	SSE
07/03/2014	03:40	12	SE
07/03/2014	03:45	12	SSE
07/03/2014	03:50	13	SSE
07/03/2014	03:55	10	SSE
07/03/2014	04:00	10	SSE
07/03/2014	04:05	12	SSE
07/03/2014	04:10	11	SE
07/03/2014	04:15	12	SSE
07/03/2014	04:20	12	SSE
07/03/2014	04:25	10	SSE
07/03/2014	04:30	12	SSE
07/03/2014	04:35	10	SSE
07/03/2014	04:40	9	SSE
07/03/2014	04:45	8	SSE
07/03/2014	04:50	11	SSE
07/03/2014	04:55	13	SSE
07/03/2014	05:00	11	SSE
07/03/2014	05:05	13	SSE
07/03/2014	05:10	13	SSE
07/03/2014	05:15	12	SSE
07/03/2014	05:20	12	SSE
07/03/2014	05:25	12	SE
07/03/2014	05:30	9	SE
07/03/2014	05:35	9	SE
07/03/2014	05:40	9	SE
07/03/2014	05:45	10	SSE
07/03/2014	05:50	10	SSE
07/03/2014	05:55	12	SSE
07/03/2014	06:00	11	SE
07/03/2014	06:05	13	SSE
07/03/2014	06:10	13	SSE
07/03/2014	06:15	12	SSE
07/03/2014	06:20	11	SSE
07/03/2014	06:25	14	SSE
07/03/2014	06:30	14	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/03/2014	06:35	11	SSE
07/03/2014	06:40	8	SSE
07/03/2014	06:45	12	SSE
07/03/2014	06:50	10	SE
07/03/2014	06:55	9	SSE
07/03/2014	07:00	10	SSE
07/03/2014	07:05	11	SSE
07/03/2014	07:10	10	SSE
07/03/2014	07:15	13	SSE
07/03/2014	07:20	13	SE
07/03/2014	07:25	9	SE
07/03/2014	07:30	13	SE
07/03/2014	07:35	13	SSE
07/03/2014	07:40	10	SSE
07/03/2014	07:45	11	SSE
07/03/2014	07:50	13	SSE
07/03/2014	07:55	14	SSE
07/03/2014	08:00	10	SSE
07/03/2014	08:05	9	SSE
07/03/2014	08:10	9	SSE
07/03/2014	08:15	9	SSE
07/03/2014	08:20	10	SSE
07/03/2014	08:25	10	SSE
07/03/2014	08:30	11	SE
07/03/2014	08:35	9	SE
07/03/2014	08:40	11	SE
07/03/2014	08:45	10	SE
07/03/2014	08:50	8	SSE
07/03/2014	08:55	9	SSE
07/03/2014	09:00	12	SSE
07/03/2014	09:05	9	SE
07/03/2014	09:10	11	SE
07/03/2014	09:15	11	SSE
07/03/2014	09:20	8	SE
07/03/2014	09:25	12	SSE
07/03/2014	09:30	10	SE
07/03/2014	09:35	13	SSE
07/03/2014	09:40	12	SSE
07/03/2014	09:45	13	SSE
07/03/2014	09:50	11	SE
07/03/2014	09:55	12	SSE
07/03/2014	10:00	15	SE
07/03/2014	10:05	13	SSE
07/03/2014	10:10	13	SE
07/03/2014	10:15	13	SE
07/03/2014	10:20	12	SE
07/03/2014	10:25	12	SE
07/03/2014	10:30	11	SE
07/03/2014	10:35	16	SE
07/03/2014	10:40	15	SE
07/03/2014	10:45	13	SSE
07/03/2014	10:50	13	SE
07/03/2014	10:55	14	SSE
07/03/2014	11:00	12	SSE
07/03/2014	11:05	13	SSE
07/03/2014	11:10	14	SSE
07/03/2014	11:15	12	SSE
07/03/2014	11:20	12	SSE
07/03/2014	11:25	13	SSE
07/03/2014	11:30	12	SSE
07/03/2014	11:35	11	SSE
07/03/2014	11:40	13	SSE
07/03/2014	11:45	13	SSE
07/03/2014	11:50	14	SSE
07/03/2014	11:55	11	SSE
07/03/2014	12:00	12	SSE
07/03/2014	12:05	11	SSE
07/03/2014	12:10	15	SE
07/03/2014	12:15	12	SSE
07/03/2014	12:20	12	SSE
07/03/2014	12:25	14	SSE
07/03/2014	12:30	10	SSE
07/03/2014	12:35	13	SSE
07/03/2014	12:40	13	SE
07/03/2014	12:45	10	SE
07/03/2014	12:50	11	SE
07/03/2014	12:55	12	SSE
07/03/2014	13:00	12	SSE
07/03/2014	13:05	11	SSE
07/03/2014	13:10	11	SSE
07/03/2014	13:15	12	SSE
07/03/2014	13:20	11	SSE
07/03/2014	13:25	11	SSE
07/03/2014	13:30	11	SSE
07/03/2014	13:35	10	SSE
07/03/2014	13:40	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/03/2014	13:45	7	SE
07/03/2014	13:50	7	SSE
07/03/2014	13:55	6	SSE
07/03/2014	14:00	7	SSE
07/03/2014	14:05	8	SSE
07/03/2014	14:10	8	SSE
07/03/2014	14:15	8	SSE
07/03/2014	14:20	9	SSE
07/03/2014	14:25	7	SSE
07/03/2014	14:30	8	SSE
07/03/2014	14:35	9	SSE
07/03/2014	14:40	7	SE
07/03/2014	14:45	9	SSE
07/03/2014	14:50	10	SSE
07/03/2014	14:55	7	SSE
07/03/2014	15:00	6	ESE
07/03/2014	15:05	8	SE
07/03/2014	15:10	12	SE
07/03/2014	15:15	12	SE
07/03/2014	15:20	10	SE
07/03/2014	15:25	13	SE
07/03/2014	15:30	12	SE
07/03/2014	15:35	13	SSE
07/03/2014	15:40	14	SSE
07/03/2014	15:45	12	SSE
07/03/2014	15:50	15	SSE
07/03/2014	15:55	15	SE
07/03/2014	16:00	14	SSE
07/03/2014	16:05	15	SSE
07/03/2014	16:10	15	SSE
07/03/2014	16:15	15	SSE
07/03/2014	16:20	15	SSE
07/03/2014	16:25	15	SSE
07/03/2014	16:30	13	SSE
07/03/2014	16:35	13	SSE
07/03/2014	16:40	13	SSE
07/03/2014	16:45	13	SSE
07/03/2014	16:50	13	SSE
07/03/2014	16:55	13	SSE
07/03/2014	17:00	12	SSE
07/03/2014	17:05	11	SSE
07/03/2014	17:10	11	SSE
07/03/2014	17:15	11	SSE
07/03/2014	17:20	9	SSE
07/03/2014	17:25	8	SSE
07/03/2014	17:30	10	SSE
07/03/2014	17:35	9	SSE
07/03/2014	17:40	9	SSE
07/03/2014	17:45	9	SSE
07/03/2014	17:50	10	SSE
07/03/2014	17:55	9	SSE
07/03/2014	18:00	8	SSE
07/03/2014	18:05	10	SSE
07/03/2014	18:10	10	SSE
07/03/2014	18:15	10	SSE
07/03/2014	18:20	10	SSE
07/03/2014	18:25	9	SSE
07/03/2014	18:30	11	SSE
07/03/2014	18:35	9	SSE
07/03/2014	18:40	7	SSE
07/03/2014	18:45	8	SSE
07/03/2014	18:50	8	SSE
07/03/2014	18:55	7	SSE
07/03/2014	19:00	7	SSE
07/03/2014	19:05	8	SSE
07/03/2014	19:10	11	SSE
07/03/2014	19:15	10	SSE
07/03/2014	19:20	8	SSE
07/03/2014	19:25	9	SSE
07/03/2014	19:30	9	SSE
07/03/2014	19:35	9	SSE
07/03/2014	19:40	9	SSE
07/03/2014	19:45	9	SSE
07/03/2014	19:50	10	SSE
07/03/2014	19:55	8	SSE
07/03/2014	20:00	12	SSE
07/03/2014	20:05	9	SSE
07/03/2014	20:10	10	SSE
07/03/2014	20:15	10	SSE
07/03/2014	20:20	10	SSE
07/03/2014	20:25	10	SSE
07/03/2014	20:30	8	SSE
07/03/2014	20:35	11	SSE
07/03/2014	20:40	13	SSE
07/03/2014	20:45	13	SSE
07/03/2014	20:50	13	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/03/2014	20:55	16	SE
07/03/2014	21:00	15	SE
07/03/2014	21:05	18	SE
07/03/2014	21:10	17	SE
07/03/2014	21:15	17	SE
07/03/2014	21:20	17	SE
07/03/2014	21:25	16	SE
07/03/2014	21:30	16	SE
07/03/2014	21:35	16	SE
07/03/2014	21:40	17	SE
07/03/2014	21:45	17	SE
07/03/2014	21:50	15	SE
07/03/2014	21:55	16	SE
07/03/2014	22:00	15	SE
07/03/2014	22:05	14	SE
07/03/2014	22:10	11	SSE
07/03/2014	22:15	12	SSE
07/03/2014	22:20	10	SSE
07/03/2014	22:25	10	SSE
07/03/2014	22:30	9	SSE
07/03/2014	22:35	9	SSE
07/03/2014	22:40	10	SSE
07/03/2014	22:45	10	SSE
07/03/2014	22:50	10	SSE
07/03/2014	22:55	9	SSE
07/03/2014	23:00	11	SSE
07/03/2014	23:05	9	SSE
07/03/2014	23:10	7	SSE
07/03/2014	23:15	8	SSE
07/03/2014	23:20	12	SSE
07/03/2014	23:25	9	SSE
07/03/2014	23:30	10	SSE
07/03/2014	23:35	10	SSE
07/03/2014	23:40	8	SSE
07/03/2014	23:45	9	SSE
07/03/2014	23:50	8	SSE
07/03/2014	23:55	11	SSE
08/03/2014	00:00	13	SSE
08/03/2014	00:05	11	SSE
08/03/2014	00:10	12	SSE
08/03/2014	00:15	10	SSE
08/03/2014	00:20	12	SSE
08/03/2014	00:25	14	SSE
08/03/2014	00:30	13	SSE
08/03/2014	00:35	12	SSE
08/03/2014	00:40	14	SSE
08/03/2014	00:45	13	SE
08/03/2014	00:50	15	SE
08/03/2014	00:55	16	SE
08/03/2014	01:00	15	SE
08/03/2014	01:05	17	SE
08/03/2014	01:10	17	SE
08/03/2014	01:15	19	SE
08/03/2014	01:20	17	SE
08/03/2014	01:25	17	SE
08/03/2014	01:30	16	SE
08/03/2014	01:35	16	SE
08/03/2014	01:40	17	SE
08/03/2014	01:45	18	SE
08/03/2014	01:50	18	SE
08/03/2014	01:55	17	SE
08/03/2014	02:00	18	SE
08/03/2014	02:05	17	SE
08/03/2014	02:10	16	SE
08/03/2014	02:15	16	SE
08/03/2014	02:20	14	SSE
08/03/2014	02:25	15	SSE
08/03/2014	02:30	14	SSE
08/03/2014	02:35	15	SSE
08/03/2014	02:40	15	SSE
08/03/2014	02:45	16	SE
08/03/2014	02:50	16	SSE
08/03/2014	02:55	16	SSE
08/03/2014	03:00	16	SE
08/03/2014	03:05	16	SE
08/03/2014	03:10	15	SSE
08/03/2014	03:15	15	SSE
08/03/2014	03:20	14	SSE
08/03/2014	03:25	14	SSE
08/03/2014	03:30	15	SE
08/03/2014	03:35	18	SE
08/03/2014	03:40	19	SE
08/03/2014	03:45	17	SE
08/03/2014	03:50	18	SE
08/03/2014	03:55	16	SE
08/03/2014	04:00	16	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/03/2014	04:05	16	SE
08/03/2014	04:10	17	SSE
08/03/2014	04:15	17	SSE
08/03/2014	04:20	16	SSE
08/03/2014	04:25	12	SSE
08/03/2014	04:30	12	SE
08/03/2014	04:35	15	SE
08/03/2014	04:40	14	SE
08/03/2014	04:45	15	SE
08/03/2014	04:50	16	SE
08/03/2014	04:55	14	SE
08/03/2014	05:00	15	SSE
08/03/2014	05:05	14	SE
08/03/2014	05:10	15	SE
08/03/2014	05:15	16	SE
08/03/2014	05:20	15	SE
08/03/2014	05:25	14	SE
08/03/2014	05:30	16	SE
08/03/2014	05:35	14	SSE
08/03/2014	05:40	15	SE
08/03/2014	05:45	18	SSE
08/03/2014	05:50	16	SE
08/03/2014	05:55	16	SSE
08/03/2014	06:00	19	SSE
08/03/2014	06:05	18	SE
08/03/2014	06:10	16	SE
08/03/2014	06:15	16	SE
08/03/2014	06:20	15	SSE
08/03/2014	06:25	16	SE
08/03/2014	06:30	16	SE
08/03/2014	06:35	15	SE
08/03/2014	06:40	16	SE
08/03/2014	06:45	15	SE
08/03/2014	06:50	16	SE
08/03/2014	06:55	15	SE
08/03/2014	07:00	16	SE
08/03/2014	07:05	17	SE
08/03/2014	07:10	14	SE
08/03/2014	07:15	14	SSE
08/03/2014	07:20	14	SE
08/03/2014	07:25	16	SE
08/03/2014	07:30	15	SE
08/03/2014	07:35	14	SE
08/03/2014	07:40	16	SE
08/03/2014	07:45	11	SE
08/03/2014	07:50	9	SE
08/03/2014	07:55	12	SE
08/03/2014	08:00	12	SE
08/03/2014	08:05	14	SE
08/03/2014	08:10	12	SE
08/03/2014	08:15	15	SE
08/03/2014	08:20	15	SE
08/03/2014	08:25	13	SE
08/03/2014	08:30	15	SE
08/03/2014	08:35	16	SE
08/03/2014	08:40	15	SE
08/03/2014	08:45	14	SE
08/03/2014	08:50	14	SE
08/03/2014	08:55	14	SE
08/03/2014	09:00	14	SE
08/03/2014	09:05	15	SE
08/03/2014	09:10	15	SE
08/03/2014	09:15	14	SE
08/03/2014	09:20	15	SE
08/03/2014	09:25	15	SE
08/03/2014	09:30	14	SE
08/03/2014	09:35	15	SE
08/03/2014	09:40	15	SE
08/03/2014	09:45	12	SE
08/03/2014	09:50	13	SE
08/03/2014	09:55	12	SE
08/03/2014	10:00	11	SSE
08/03/2014	10:05	12	SE
08/03/2014	10:10	11	SSE
08/03/2014	10:15	12	SE
08/03/2014	10:20	10	SE
08/03/2014	10:25	10	SSE
08/03/2014	10:30	11	SE
08/03/2014	10:35	13	SE
08/03/2014	10:40	15	SE
08/03/2014	10:45	17	SE
08/03/2014	10:50	15	SE
08/03/2014	10:55	15	SSE
08/03/2014	11:00	12	SE
08/03/2014	11:05	13	SE
08/03/2014	11:10	12	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/03/2014	11:15	13	SE
08/03/2014	11:20	11	SSE
08/03/2014	11:25	9	SSE
08/03/2014	11:30	9	SSE
08/03/2014	11:35	9	SSE
08/03/2014	11:40	10	SE
08/03/2014	11:45	11	SSE
08/03/2014	11:50	11	SE
08/03/2014	11:55	11	SE
08/03/2014	12:00	9	SE
08/03/2014	12:05	6	SSE
08/03/2014	12:10	8	SE
08/03/2014	12:15	6	SSE
08/03/2014	12:20	8	SE
08/03/2014	12:25	7	SSE
08/03/2014	12:30	9	SE
08/03/2014	12:35	8	SE
08/03/2014	12:40	8	SE
08/03/2014	12:45	5	SSE
08/03/2014	12:50	4	SE
08/03/2014	12:55	3	SSE
08/03/2014	13:00	1	ESE
08/03/2014	13:05	0	E
08/03/2014	13:10	0	E
08/03/2014	13:15	3	ESE
08/03/2014	13:20	6	SSE
08/03/2014	13:25	5	SE
08/03/2014	13:30	9	ESE
08/03/2014	13:35	7	ESE
08/03/2014	13:40	10	E
08/03/2014	13:45	6	ESE
08/03/2014	13:50	5	SE
08/03/2014	13:55	7	SE
08/03/2014	14:00	4	SE
08/03/2014	14:05	4	SE
08/03/2014	14:10	6	SE
08/03/2014	14:15	5	SE
08/03/2014	14:20	5	SE
08/03/2014	14:25	4	NNE
08/03/2014	14:30	6	N
08/03/2014	14:35	6	N
08/03/2014	14:40	5	NNW
08/03/2014	14:45	4	NNW
08/03/2014	14:50	4	NNW
08/03/2014	14:55	5	N
08/03/2014	15:00	4	N
08/03/2014	15:05	4	N
08/03/2014	15:10	3	NNW
08/03/2014	15:15	0	NW
08/03/2014	15:20	1	NW
08/03/2014	15:25	2	WNW
08/03/2014	15:30	2	NW
08/03/2014	15:35	2	NW
08/03/2014	15:40	2	WNW
08/03/2014	15:45	3	NW
08/03/2014	15:50	1	NW
08/03/2014	15:55	1	WNW
08/03/2014	16:00	1	NNW
08/03/2014	16:05	1	NNW
08/03/2014	16:10	0	N
08/03/2014	16:15	0	N
08/03/2014	16:20	0	N
08/03/2014	16:25	2	N
08/03/2014	16:30	1	NW
08/03/2014	16:35	0	NW
08/03/2014	16:40	0	---
08/03/2014	16:45	0	NW
08/03/2014	16:50	0	NW
08/03/2014	16:55	0	---
08/03/2014	17:00	0	---
08/03/2014	17:05	0	---
08/03/2014	17:10	0	---
08/03/2014	17:15	0	SSW
08/03/2014	17:20	0	SSW
08/03/2014	17:25	0	---
08/03/2014	17:30	0	---
08/03/2014	17:35	1	SE
08/03/2014	17:40	2	SE
08/03/2014	17:45	3	SE
08/03/2014	17:50	3	SSE
08/03/2014	17:55	3	SSE
08/03/2014	18:00	2	SSE
08/03/2014	18:05	3	SSE
08/03/2014	18:10	3	SSE
08/03/2014	18:15	3	SSE
08/03/2014	18:20	2	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/03/2014	18:25	2	SE
08/03/2014	18:30	1	SE
08/03/2014	18:35	2	SE
08/03/2014	18:40	2	SSE
08/03/2014	18:45	1	SE
08/03/2014	18:50	2	SE
08/03/2014	18:55	1	SSE
08/03/2014	19:00	1	SE
08/03/2014	19:05	2	SE
08/03/2014	19:10	1	SE
08/03/2014	19:15	1	S
08/03/2014	19:20	0	S
08/03/2014	19:25	1	S
08/03/2014	19:30	1	SSE
08/03/2014	19:35	3	SSE
08/03/2014	19:40	3	SE
08/03/2014	19:45	3	SSE
08/03/2014	19:50	3	SSE
08/03/2014	19:55	3	SE
08/03/2014	20:00	2	SE
08/03/2014	20:05	1	SE
08/03/2014	20:10	1	SE
08/03/2014	20:15	0	SSE
08/03/2014	20:20	1	SSE
08/03/2014	20:25	0	---
08/03/2014	20:30	0	---
08/03/2014	20:35	0	---
08/03/2014	20:40	0	---
08/03/2014	20:45	2	SE
08/03/2014	20:50	4	E
08/03/2014	20:55	4	E
08/03/2014	21:00	3	ESE
08/03/2014	21:05	2	SE
08/03/2014	21:10	3	SE
08/03/2014	21:15	2	SE
08/03/2014	21:20	4	SE
08/03/2014	21:25	4	SE
08/03/2014	21:30	3	SSE
08/03/2014	21:35	2	ESE
08/03/2014	21:40	2	ESE
08/03/2014	21:45	1	ESE
08/03/2014	21:50	1	ESE
08/03/2014	21:55	0	ESE
08/03/2014	22:00	0	ESE
08/03/2014	22:05	0	ESE
08/03/2014	22:10	0	---
08/03/2014	22:15	0	---
08/03/2014	22:20	0	---
08/03/2014	22:25	0	---
08/03/2014	22:30	0	---
08/03/2014	22:35	0	---
08/03/2014	22:40	0	---
08/03/2014	22:45	0	---
08/03/2014	22:50	0	---
08/03/2014	22:55	0	---
08/03/2014	23:00	0	---
08/03/2014	23:05	0	---
08/03/2014	23:10	0	SE
08/03/2014	23:15	1	SSE
08/03/2014	23:20	0	SSE
08/03/2014	23:25	0	---
08/03/2014	23:30	0	---
08/03/2014	23:35	1	SSE
08/03/2014	23:40	0	SSE
08/03/2014	23:45	1	SSE
08/03/2014	23:50	0	ENE
08/03/2014	23:55	0	SSE
09/03/2014	00:00	1	SSE
09/03/2014	00:05	0	SSE
09/03/2014	00:10	1	ENE
09/03/2014	00:15	3	E
09/03/2014	00:20	2	ESE
09/03/2014	00:25	1	SSE
09/03/2014	00:30	1	ESE
09/03/2014	00:35	0	---
09/03/2014	00:40	0	---
09/03/2014	00:45	0	---
09/03/2014	00:50	2	SSW
09/03/2014	00:55	2	S
09/03/2014	01:00	1	S
09/03/2014	01:05	1	S
09/03/2014	01:10	1	S
09/03/2014	01:15	0	SSE
09/03/2014	01:20	0	SE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/03/2014	07:55	1	WNW
09/03/2014	08:00	3	WNW
09/03/2014	08:05	3	N
09/03/2014	08:10	3	SE
09/03/2014	08:15	1	SSE
09/03/2014	08:20	0	SSE
09/03/2014	08:25	0	---
09/03/2014	08:30	1	ENE
09/03/2014	08:35	2	E
09/03/2014	08:40	2	SE
09/03/2014	08:45	4	E
09/03/2014	08:50	4	E
09/03/2014	08:55	2	ENE
09/03/2014	09:00	2	NE
09/03/2014	09:05	0	NNE
09/03/2014	09:10	2	ENE
09/03/2014	09:15	7	ENE
09/03/2014	09:20	4	E
09/03/2014	09:25	4	E
09/03/2014	09:30	5	E
09/03/2014	09:35	6	ESE
09/03/2014	09:40	4	E
09/03/2014	09:45	3	ENE
09/03/2014	09:50	3	E
09/03/2014	09:55	3	ENE
09/03/2014	10:00	4	E
09/03/2014	10:05	3	SE
09/03/2014	10:10	4	E
09/03/2014	10:15	4	ENE
09/03/2014	10:20	2	ENE
09/03/2014	10:25	3	E
09/03/2014	10:30	0	ESE
09/03/2014	10:35	0	---
09/03/2014	10:40	0	---
09/03/2014	10:45	0	---
09/03/2014	10:50	0	---
09/03/2014	10:55	0	---
09/03/2014	11:00	1	E
09/03/2014	11:05	3	SE
09/03/2014	11:10	1	ENE
09/03/2014	11:15	2	ESE
09/03/2014	11:20	2	SSE
09/03/2014	11:25	4	SSE
09/03/2014	11:30	2	SE
09/03/2014	11:35	1	SSE
09/03/2014	11:40	2	SSW
09/03/2014	11:45	0	SE
09/03/2014	11:50	2	SE
09/03/2014	11:55	2	ENE
09/03/2014	12:00	2	NE
09/03/2014	12:05	2	ENE
09/03/2014	12:10	0	E
09/03/2014	12:15	0	---
09/03/2014	12:20	0	---
09/03/2014	12:25	0	---
09/03/2014	12:30	0	---
09/03/2014	12:35	0	---
09/03/2014	12:40	0	---
09/03/2014	12:45	0	---
09/03/2014	12:50	0	---
09/03/2014	12:55	0	---
09/03/2014	13:00	0	---
09/03/2014	13:05	0	---
09/03/2014	13:10	0	---
09/03/2014	13:15	0	E
09/03/2014	13:20	2	SE
09/03/2014	13:25	3	E
09/03/2014	13:30	0	SSE
09/03/2014	13:35	0	---
09/03/2014	13:40	0	---
09/03/2014	13:45	0	---
09/03/2014	13:50	0	---
09/03/2014	13:55	0	---
09/03/2014	14:00	0	---
09/03/2014	14:05	0	---
09/03/2014	14:10	0	---
09/03/2014	14:15	0	---
09/03/2014	14:20	1	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/03/2014	14:25	0	E
09/03/2014	14:30	0	SE
09/03/2014	14:35	2	ESE
09/03/2014	14:40	3	SE
09/03/2014	14:45	2	SE
09/03/2014	14:50	2	ESE
09/03/2014	14:55	2	ESE
09/03/2014	15:00	1	ESE
09/03/2014	15:05	0	---
09/03/2014	15:10	1	SE
09/03/2014	15:15	1	SSE
09/03/2014	15:20	3	E
09/03/2014	15:25	4	E
09/03/2014	15:30	5	ESE
09/03/2014	15:35	3	SE
09/03/2014	15:40	4	SE
09/03/2014	15:45	3	SE
09/03/2014	15:50	2	ESE
09/03/2014	15:55	1	SE
09/03/2014	16:00	3	ESE
09/03/2014	16:05	4	SE
09/03/2014	16:10	4	SE
09/03/2014	16:15	4	SSE
09/03/2014	16:20	4	S
09/03/2014	16:25	0	NNE
09/03/2014	16:30	4	ESE
09/03/2014	16:35	4	SE
09/03/2014	16:40	3	E
09/03/2014	16:45	2	ESE
09/03/2014	16:50	3	E
09/03/2014	16:55	3	ESE
09/03/2014	17:00	2	ESE
09/03/2014	17:05	3	E
09/03/2014	17:10	1	E
09/03/2014	17:15	3	E
09/03/2014	17:20	3	E
09/03/2014	17:25	3	ESE
09/03/2014	17:30	0	ESE
09/03/2014	17:35	2	E
09/03/2014	17:40	4	ESE
09/03/2014	17:45	5	E
09/03/2014	17:50	5	E
09/03/2014	17:55	5	ESE
09/03/2014	18:00	2	ESE
09/03/2014	18:05	4	SE
09/03/2014	18:10	4	SE
09/03/2014	18:15	4	SE
09/03/2014	18:20	3	SSE
09/03/2014	18:25	4	SE
09/03/2014	18:30	4	SE
09/03/2014	18:35	4	SE
09/03/2014	18:40	5	SE
09/03/2014	18:45	5	SE
09/03/2014	18:50	5	SE
09/03/2014	18:55	4	SE
09/03/2014	19:00	5	SE
09/03/2014	19:05	4	SE
09/03/2014	19:10	4	SE
09/03/2014	19:15	5	SE
09/03/2014	19:20	5	SE
09/03/2014	19:25	6	SE
09/03/2014	19:30	5	SE
09/03/2014	19:35	5	SE
09/03/2014	19:40	5	SSE
09/03/2014	19:45	4	SE
09/03/2014	19:50	3	SE
09/03/2014	19:55	3	SE
09/03/2014	20:00	4	ESE
09/03/2014	20:05	3	SE
09/03/2014	20:10	2	ESE
09/03/2014	20:15	1	SE
09/03/2014	20:20	0	---
09/03/2014	20:25	1	SSE
09/03/2014	20:30	0	---
09/03/2014	20:35	0	---
09/03/2014	20:40	1	SSE
09/03/2014	20:45	1	SSE
09/03/2014	20:50	1	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/03/2014	20:55	3	SSE
09/03/2014	21:00	3	ESE
09/03/2014	21:05	4	SE
09/03/2014	21:10	3	SE
09/03/2014	21:15	3	SE
09/03/2014	21:20	3	SSE
09/03/2014	21:25	3	ESE
09/03/2014	21:30	4	ESE
09/03/2014	21:35	3	SE
09/03/2014	21:40	3	SSE
09/03/2014	21:45	3	SE
09/03/2014	21:50	4	SE
09/03/2014	21:55	4	SSE
09/03/2014	22:00	4	ESE
09/03/2014	22:05	1	E
09/03/2014	22:10	3	ESE
09/03/2014	22:15	3	SE
09/03/2014	22:20	2	ESE
09/03/2014	22:25	4	SE
09/03/2014	22:30	4	SE
09/03/2014	22:35	3	SE
09/03/2014	22:40	4	ESE
09/03/2014	22:45	3	ESE
09/03/2014	22:50	3	ESE
09/03/2014	22:55	4	ESE
09/03/2014	23:00	3	SE
09/03/2014	23:05	2	SE
09/03/2014	23:10	3	S
09/03/2014	23:15	1	SE
09/03/2014	23:20	2	ESE
09/03/2014	23:25	3	ESE
09/03/2014	23:30	0	SSE
09/03/2014	23:35	3	SE
09/03/2014	23:40	4	SE
09/03/2014	23:45	6	SE
09/03/2014	23:50	6	SE
09/03/2014	23:55	6	SE
10/03/2014	00:00	6	SE
10/03/2014	00:05	5	SE
10/03/2014	00:10	4	SE
10/03/2014	00:15	5	SE
10/03/2014	00:20	5	SE
10/03/2014	00:25	5	SE
10/03/2014	00:30	5	SE
10/03/2014	00:35	4	SSE
10/03/2014	00:40	5	SE
10/03/2014	00:45	5	SE
10/03/2014	00:50	6	SE
10/03/2014	00:55	5	SSE
10/03/2014	01:00	2	SE
10/03/2014	01:05	4	SE
10/03/2014	01:10	4	SE
10/03/2014	01:15	3	SE
10/03/2014	01:20	0	SSW
10/03/2014	01:25	3	SE
10/03/2014	01:30	3	ENE
10/03/2014	01:35	3	ENE
10/03/2014	01:40	4	E
10/03/2014	01:45	2	ESE
10/03/2014	01:50	3	ESE
10/03/2014	01:55	2	ESE
10/03/2014	02:00	3	E
10/03/2014	02:05	3	ESE
10/03/2014	02:10	4	E
10/03/2014	02:15	1	SE
10/03/2014	02:20	4	SE
10/03/2014	02:25	3	SSE
10/03/2014	02:30	2	SSE
10/03/2014	02:35	2	ESE
10/03/2014	02:40	3	SSE
10/03/2014	02:45	5	SE
10/03/2014	02:50	7	SSE
10/03/2014	02:55	8	SSE
10/03/2014	03:00	5	SSE
10/03/2014	03:05	6	SSE
10/03/2014	03:10	7	SSE
10/03/2014	03:15	7	SSE
10/03/2014	03:20	8	SSE
10/03/2014	03:25	5	SSE
10/03/2014	03:30	6	SSE
10/03/2014	03:35	5	SSE
10/03/2014	03:40	8	SSE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/03/2014	10:55	8	SE
10/03/2014	11:00	8	SSE
10/03/2014	11:05	9	SSE
10/03/2014	11:10	9	SSE
10/03/2014	11:15	10	SSE
10/03/2014	11:20	7	SE
10/03/2014	11:25	8	SSE
10/03/2014	11:30	5	SSE
10/03/2014	11:35	6	SSE
10/03/2014	11:40	7	SSE
10/03/2014	11:45	6	SSE
10/03/2014	11:50	4	SSE
10/03/2014	11:55	6	SSE
10/03/2014	12:00	5	SE
10/03/2014	12:05	5	SSE
10/03/2014	12:10	5	SSE
10/03/2014	12:15	3	SSE
10/03/2014	12:20	6	SSE
10/03/2014	12:25	4	SE
10/03/2014	12:30	4	SSE
10/03/2014	12:35	3	SSE
10/03/2014	12:40	4	SSE
10/03/2014	12:45	4	SSE
10/03/2014	12:50	5	SSE
10/03/2014	12:55	4	SSE
10/03/2014	13:00	5	SSE
10/03/2014	13:05	6	SSE
10/03/2014	13:10	6	SSE
10/03/2014	13:15	5	SSE
10/03/2014	13:20	8	SSE
10/03/2014	13:25	8	SE
10/03/2014	13:30	5	SSE
10/03/2014	13:35	6	SE
10/03/2014	13:40	5	SE
10/03/2014	13:45	5	SSE
10/03/2014	13:50	3	SE
10/03/2014	13:55	3	S
10/03/2014	14:00	4	SE
10/03/2014	14:05	3	S
10/03/2014	14:10	4	SSE
10/03/2014	14:15	3	S
10/03/2014	14:20	5	SSE
10/03/2014	14:25	3	SE
10/03/2014	14:30	5	SSE
10/03/2014	14:35	6	SSE
10/03/2014	14:40	6	SSE
10/03/2014	14:45	6	SSE
10/03/2014	14:50	5	SSE
10/03/2014	14:55	4	SSE
10/03/2014	15:00	5	SSE
10/03/2014	15:05	6	SSE
10/03/2014	15:10	6	SSE
10/03/2014	15:15	6	SSE
10/03/2014	15:20	7	SE
10/03/2014	15:25	4	SE
10/03/2014	15:30	4	SE
10/03/2014	15:35	4	SE
10/03/2014	15:40	4	SE
10/03/2014	15:45	4	SSE
10/03/2014	15:50	6	SSE
10/03/2014	15:55	7	SE
10/03/2014	16:00	6	SSE
10/03/2014	16:05	3	SSE
10/03/2014	16:10	5	SSE
10/03/2014	16:15	4	SSE
10/03/2014	16:20	3	SE
10/03/2014	16:25	4	SSE
10/03/2014	16:30	6	SSE
10/03/2014	16:35	6	SSE
10/03/2014	16:40	6	SSE
10/03/2014	16:45	5	SSE
10/03/2014	16:50	6	SSE
10/03/2014	16:55	6	SSE
10/03/2014	17:00	8	SSE
10/03/2014	17:05	6	SSE
10/03/2014	17:10	6	SSE
10/03/2014	17:15	6	SSE
10/03/2014	17:20	5	SSE
10/03/2014	17:25	6	SSE
10/03/2014	17:30	7	SSE
10/03/2014	17:35	7	SSE
10/03/2014	17:40	7	SSE
10/03/2014	17:45	6	SSE
10/03/2014	17:50	7	SSE
10/03/2014	17:55	6	SSE
10/03/2014	18:00	9	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/03/2014	18:05	10	SSE
10/03/2014	18:10	7	SSE
10/03/2014	18:15	8	SSE
10/03/2014	18:20	7	SSE
10/03/2014	18:25	9	SSE
10/03/2014	18:30	9	SSE
10/03/2014	18:35	8	SSE
10/03/2014	18:40	9	SSE
10/03/2014	18:45	10	SSE
10/03/2014	18:50	8	SSE
10/03/2014	18:55	6	SSE
10/03/2014	19:00	7	SSE
10/03/2014	19:05	6	SSE
10/03/2014	19:10	5	SSE
10/03/2014	19:15	6	SSE
10/03/2014	19:20	6	SSE
10/03/2014	19:25	6	SSE
10/03/2014	19:30	8	SSE
10/03/2014	19:35	8	SSE
10/03/2014	19:40	9	SSE
10/03/2014	19:45	8	SSE
10/03/2014	19:50	6	SSE
10/03/2014	19:55	7	SSE
10/03/2014	20:00	8	SSE
10/03/2014	20:05	10	SSE
10/03/2014	20:10	8	SSE
10/03/2014	20:15	7	SSE
10/03/2014	20:20	6	SSE
10/03/2014	20:25	7	SSE
10/03/2014	20:30	7	SSE
10/03/2014	20:35	6	SSE
10/03/2014	20:40	6	SSE
10/03/2014	20:45	6	SSE
10/03/2014	20:50	9	SSE
10/03/2014	20:55	6	SSE
10/03/2014	21:00	6	SSE
10/03/2014	21:05	6	SSE
10/03/2014	21:10	8	SE
10/03/2014	21:15	11	SSE
10/03/2014	21:20	9	SSE
10/03/2014	21:25	9	SSE
10/03/2014	21:30	8	SE
10/03/2014	21:35	7	SSE
10/03/2014	21:40	9	SSE
10/03/2014	21:45	10	SSE
10/03/2014	21:50	10	SSE
10/03/2014	21:55	9	SSE
10/03/2014	22:00	10	SSE
10/03/2014	22:05	8	SSE
10/03/2014	22:10	9	SSE
10/03/2014	22:15	8	SSE
10/03/2014	22:20	7	SSE
10/03/2014	22:25	7	SSE
10/03/2014	22:30	8	SSE
10/03/2014	22:35	9	SSE
10/03/2014	22:40	8	SE
10/03/2014	22:45	8	SSE
10/03/2014	22:50	7	SSE
10/03/2014	22:55	10	SSE
10/03/2014	23:00	10	SE
10/03/2014	23:05	9	SSE
10/03/2014	23:10	11	SSE
10/03/2014	23:15	10	SE
10/03/2014	23:20	9	SE
10/03/2014	23:25	11	SE
10/03/2014	23:30	10	SE
10/03/2014	23:35	8	SSE
10/03/2014	23:40	11	SSE
10/03/2014	23:45	10	SE
10/03/2014	23:50	10	SSE
10/03/2014	23:55	11	SSE
11/03/2014	00:00	9	SE
11/03/2014	00:05	9	SSE
11/03/2014	00:10	8	SSE
11/03/2014	00:15	10	SSE
11/03/2014	00:20	9	SSE
11/03/2014	00:25	9	SSE
11/03/2014	00:30	11	SSE
11/03/2014	00:35	11	SSE
11/03/2014	00:40	9	SE
11/03/2014	00:45	10	SSE
11/03/2014	00:50	10	SSE
11/03/2014	00:55	11	SSE
11/03/2014	01:00	11	SSE
11/03/2014	01:05	13	SE
11/03/2014	01:10	12	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/03/2014	01:15	10	SSE
11/03/2014	01:20	10	SSE
11/03/2014	01:25	8	SSE
11/03/2014	01:30	9	SSE
11/03/2014	01:35	10	SSE
11/03/2014	01:40	10	SSE
11/03/2014	01:45	10	SSE
11/03/2014	01:50	11	SSE
11/03/2014	01:55	12	SSE
11/03/2014	02:00	11	SSE
11/03/2014	02:05	9	SE
11/03/2014	02:10	11	SSE
11/03/2014	02:15	12	SSE
11/03/2014	02:20	12	SSE
11/03/2014	02:25	10	SE
11/03/2014	02:30	10	SSE
11/03/2014	02:35	10	SSE
11/03/2014	02:40	11	SSE
11/03/2014	02:45	11	SE
11/03/2014	02:50	11	SSE
11/03/2014	02:55	11	SSE
11/03/2014	03:00	10	SSE
11/03/2014	03:05	9	SSE
11/03/2014	03:10	7	SSE
11/03/2014	03:15	8	SSE
11/03/2014	03:20	9	SSE
11/03/2014	03:25	9	SSE
11/03/2014	03:30	10	SSE
11/03/2014	03:35	11	SSE
11/03/2014	03:40	8	SSE
11/03/2014	03:45	9	SSE
11/03/2014	03:50	9	SSE
11/03/2014	03:55	7	SSE
11/03/2014	04:00	6	SSE
11/03/2014	04:05	8	SSE
11/03/2014	04:10	9	SE
11/03/2014	04:15	10	SE
11/03/2014	04:20	10	SE
11/03/2014	04:25	10	SE
11/03/2014	04:30	10	SSE
11/03/2014	04:35	10	SSE
11/03/2014	04:40	8	SE
11/03/2014	04:45	12	SE
11/03/2014	04:50	10	SE
11/03/2014	04:55	11	SSE
11/03/2014	05:00	10	SSE
11/03/2014	05:05	10	SSE
11/03/2014	05:10	8	SSE
11/03/2014	05:15	9	SSE
11/03/2014	05:20	10	SSE
11/03/2014	05:25	11	SSE
11/03/2014	05:30	10	SSE
11/03/2014	05:35	9	SSE
11/03/2014	05:40	9	SSE
11/03/2014	05:45	9	SSE
11/03/2014	05:50	6	SE
11/03/2014	05:55	10	SSE
11/03/2014	06:00	8	SE
11/03/2014	06:05	7	SSE
11/03/2014	06:10	9	SSE
11/03/2014	06:15	9	SSE
11/03/2014	06:20	9	SSE
11/03/2014	06:25	6	SE
11/03/2014	06:30	9	SE
11/03/2014	06:35	8	SE
11/03/2014	06:40	12	SE
11/03/2014	06:45	10	SSE
11/03/2014	06:50	12	SSE
11/03/2014	06:55	12	SE
11/03/2014	07:00	13	SSE
11/03/2014	07:05	12	SE
11/03/2014	07:10	14	SSE
11/03/2014	07:15	13	SE
11/03/2014	07:20	13	SSE
11/03/2014	07:25	10	SE
11/03/2014	07:30	11	SE
11/03/2014	07:35	10	SE
11/03/2014	07:40	9	SE
11/03/2014	07:45	8	ESE
11/03/2014	07:50	11	ESE
11/03/2014	07:55	8	SE
11/03/2014	08:00	7	SSE
11/03/2014	08:05	8	ESE
11/03/2014	08:10	5	E
11/03/2014	08:15	5	ENE
11/03/2014	08:20	5	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/03/2014	08:25	7	E
11/03/2014	08:30	6	SE
11/03/2014	08:35	9	ESE
11/03/2014	08:40	9	ESE
11/03/2014	08:45	12	ESE
11/03/2014	08:50	12	ESE
11/03/2014	08:55	12	ESE
11/03/2014	09:00	15	SE
11/03/2014	09:05	17	SE
11/03/2014	09:10	17	SE
11/03/2014	09:15	19	SE
11/03/2014	09:20	19	SE
11/03/2014	09:25	17	SE
11/03/2014	09:30	17	SE
11/03/2014	09:35	16	SE
11/03/2014	09:40	18	SE
11/03/2014	09:45	15	SE
11/03/2014	09:50	16	SE
11/03/2014	09:55	15	SE
11/03/2014	10:00	12	SE
11/03/2014	10:05	12	SE
11/03/2014	10:10	14	SE
11/03/2014	10:15	14	SE
11/03/2014	10:20	15	SE
11/03/2014	10:25	15	SE
11/03/2014	10:30	17	SE
11/03/2014	10:35	13	SE
11/03/2014	10:40	13	SE
11/03/2014	10:45	16	SE
11/03/2014	10:50	11	ESE
11/03/2014	10:55	12	ESE
11/03/2014	11:00	14	SE
11/03/2014	11:05	12	SE
11/03/2014	11:10	14	SE
11/03/2014	11:15	15	SE
11/03/2014	11:20	14	SE
11/03/2014	11:25	15	SE
11/03/2014	11:30	16	SE
11/03/2014	11:35	17	SE
11/03/2014	11:40	18	SE
11/03/2014	11:45	15	SE
11/03/2014	11:50	16	SE
11/03/2014	11:55	17	SE
11/03/2014	12:00	12	SE
11/03/2014	12:05	12	ESE
11/03/2014	12:10	11	SE
11/03/2014	12:15	10	SE
11/03/2014	12:20	13	SE
11/03/2014	12:25	13	SE
11/03/2014	12:30	9	SE
11/03/2014	12:35	11	SSE
11/03/2014	12:40	13	SE
11/03/2014	12:45	11	SSE
11/03/2014	12:50	11	SE
11/03/2014	12:55	12	SE
11/03/2014	13:00	12	ESE
11/03/2014	13:05	15	SE
11/03/2014	13:10	14	SE
11/03/2014	13:15	16	SE
11/03/2014	13:20	15	SE
11/03/2014	13:25	16	SE
11/03/2014	13:30	16	SE
11/03/2014	13:35	18	SE
11/03/2014	13:40	17	SE
11/03/2014	13:45	18	SE
11/03/2014	13:50	17	SE
11/03/2014	13:55	15	SE
11/03/2014	14:00	13	SE
11/03/2014	14:05	15	SE
11/03/2014	14:10	14	SE
11/03/2014	14:15	14	SE
11/03/2014	14:20	15	SE
11/03/2014	14:25	14	SE
11/03/2014	14:30	14	SE
11/03/2014	14:35	16	SE
11/03/2014	14:40	16	SE
11/03/2014	14:45	15	SE
11/03/2014	14:50	15	SE
11/03/2014	14:55	14	SE
11/03/2014	15:00	16	SE
11/03/2014	15:05	14	SE
11/03/2014	15:10	17	SE
11/03/2014	15:15	16	SE
11/03/2014	15:20	13	SE
11/03/2014	15:25	11	ESE
11/03/2014	15:30	7	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/03/2014	15:35	9	SE
11/03/2014	15:40	10	SSE
11/03/2014	15:45	6	SSE
11/03/2014	15:50	4	SE
11/03/2014	15:55	6	NE
11/03/2014	16:00	8	WNW
11/03/2014	16:05	4	ESE
11/03/2014	16:10	8	ESE
11/03/2014	16:15	9	E
11/03/2014	16:20	5	NW
11/03/2014	16:25	8	SSE
11/03/2014	16:30	6	WNW
11/03/2014	16:35	4	NNW
11/03/2014	16:40	6	E
11/03/2014	16:45	6	SSE
11/03/2014	16:50	9	SSE
11/03/2014	16:55	13	SE
11/03/2014	17:00	13	ESE
11/03/2014	17:05	15	SE
11/03/2014	17:10	14	SE
11/03/2014	17:15	11	ESE
11/03/2014	17:20	7	SE
11/03/2014	17:25	10	SE
11/03/2014	17:30	9	SE
11/03/2014	17:35	10	SE
11/03/2014	17:40	12	SE
11/03/2014	17:45	11	SSE
11/03/2014	17:50	13	SSE
11/03/2014	17:55	13	SSE
11/03/2014	18:00	9	SSE
11/03/2014	18:05	8	ESE
11/03/2014	18:10	7	SE
11/03/2014	18:15	6	NE
11/03/2014	18:20	7	E
11/03/2014	18:25	8	ESE
11/03/2014	18:30	8	SSE
11/03/2014	18:35	11	SE
11/03/2014	18:40	7	ENE
11/03/2014	18:45	8	SE
11/03/2014	18:50	8	NE
11/03/2014	18:55	5	E
11/03/2014	19:00	5	N
11/03/2014	19:05	4	NNE
11/03/2014	19:10	5	ESE
11/03/2014	19:15	5	NNE
11/03/2014	19:20	7	NNE
11/03/2014	19:25	6	SSE
11/03/2014	19:30	5	E
11/03/2014	19:35	9	SE
11/03/2014	19:40	7	ENE
11/03/2014	19:45	9	SSE
11/03/2014	19:50	9	SE
11/03/2014	19:55	12	SE
11/03/2014	20:00	11	SSE
11/03/2014	20:05	9	ESE
11/03/2014	20:10	7	ENE
11/03/2014	20:15	5	NNE
11/03/2014	20:20	8	N
11/03/2014	20:25	6	N
11/03/2014	20:30	8	NNW
11/03/2014	20:35	6	N
11/03/2014	20:40	6	W
11/03/2014	20:45	8	SE
11/03/2014	20:50	5	SE
11/03/2014	20:55	7	E
11/03/2014	21:00	7	SE
11/03/2014	21:05	7	SE
11/03/2014	21:10	9	ESE
11/03/2014	21:15	5	N
11/03/2014	21:20	6	NNE
11/03/2014	21:25	5	E
11/03/2014	21:30	6	N
11/03/2014	21:35	6	N
11/03/2014	21:40	5	N
11/03/2014	21:45	4	E
11/03/2014	21:50	6	NNE
11/03/2014	21:55	6	ENE
11/03/2014	22:00	7	ENE
11/03/2014	22:05	7	ENE
11/03/2014	22:10	6	ESE
11/03/2014	22:15	5	E
11/03/2014	22:20	8	SE
11/03/2014	22:25	7	ESE
11/03/2014	22:30	7	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/03/2014	22:35	7	SSE
11/03/2014	22:40	9	SE
11/03/2014	22:45	12	SSE
11/03/2014	22:50	14	SE
11/03/2014	22:55	15	SE
11/03/2014	23:00	13	SE
11/03/2014	23:05	9	SE
11/03/2014	23:10	7	SSE
11/03/2014	23:15	9	SSE
11/03/2014	23:20	10	SSE
11/03/2014	23:25	10	SSE
11/03/2014	23:30	10	SSE
11/03/2014	23:35	11	SSE
11/03/2014	23:40	9	SSE
11/03/2014	23:45	13	SSE
11/03/2014	23:50	14	SE
11/03/2014	23:55	13	SSE
12/03/2014	00:00	9	SSE
12/03/2014	00:05	7	S
12/03/2014	00:10	5	SE
12/03/2014	00:15	5	E
12/03/2014	00:20	8	S
12/03/2014	00:25	9	SE
12/03/2014	00:30	13	SSE
12/03/2014	00:35	16	SSE
12/03/2014	00:40	17	SSE
12/03/2014	00:45	17	SSE
12/03/2014	00:50	17	SE
12/03/2014	00:55	16	SSE
12/03/2014	01:00	17	SSE
12/03/2014	01:05	14	SSE
12/03/2014	01:10	15	SSE
12/03/2014	01:15	14	SSE
12/03/2014	01:20	16	SSE
12/03/2014	01:25	16	SSE
12/03/2014	01:30	17	SSE
12/03/2014	01:35	15	SSE
12/03/2014	01:40	14	SSE
12/03/2014	01:45	15	SSE
12/03/2014	01:50	14	SSE
12/03/2014	01:55	15	SSE
12/03/2014	02:00	16	SSE
12/03/2014	02:05	14	SSE
12/03/2014	02:10	15	SSE
12/03/2014	02:15	13	SSE
12/03/2014	02:20	14	SSE
12/03/2014	02:25	14	SSE
12/03/2014	02:30	12	SE
12/03/2014	02:35	14	SSE
12/03/2014	02:40	10	SSE
12/03/2014	02:45	13	SE
12/03/2014	02:50	13	SSE
12/03/2014	02:55	15	SSE
12/03/2014	03:00	13	SSE
12/03/2014	03:05	14	SE
12/03/2014	03:10	13	SSE
12/03/2014	03:15	13	SSE
12/03/2014	03:20	13	SSE
12/03/2014	03:25	14	SSE
12/03/2014	03:30	14	SSE
12/03/2014	03:35	13	SE
12/03/2014	03:40	13	SSE
12/03/2014	03:45	12	SSE
12/03/2014	03:50	13	SSE
12/03/2014	03:55	14	SSE
12/03/2014	04:00	15	SSE
12/03/2014	04:05	11	SE
12/03/2014	04:10	13	SSE
12/03/2014	04:15	12	SSE
12/03/2014	04:20	12	SE
12/03/2014	04:25	9	SE
12/03/2014	04:30	7	SE
12/03/2014	04:35	10	SSE
12/03/2014	04:40	13	SE
12/03/2014	04:45	13	SE
12/03/2014	04:50	10	SE
12/03/2014	04:55	12	SE
12/03/2014	05:00	12	SE
12/03/2014	05:05	6	SE
12/03/2014	05:10	8	ESE
12/03/2014	05:15	3	SSW
12/03/2014	05:20	5	ESE
12/03/2014	05:25	3	N
12/03/2014	05:30	4	SW

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/03/2014	12:45	3	N
12/03/2014	12:50	4	NE
12/03/2014	12:55	2	N
12/03/2014	13:00	2	N
12/03/2014	13:05	3	N
12/03/2014	13:10	3	W
12/03/2014	13:15	2	NNW
12/03/2014	13:20	2	NNE
12/03/2014	13:25	4	WNW
12/03/2014	13:30	3	NE
12/03/2014	13:35	3	ENE
12/03/2014	13:40	6	NW
12/03/2014	13:45	6	N
12/03/2014	13:50	7	N
12/03/2014	13:55	5	N
12/03/2014	14:00	3	WNW
12/03/2014	14:05	5	NNW
12/03/2014	14:10	5	N
12/03/2014	14:15	4	N
12/03/2014	14:20	5	NW
12/03/2014	14:25	6	NNW
12/03/2014	14:30	4	N
12/03/2014	14:35	4	NNW
12/03/2014	14:40	4	N
12/03/2014	14:45	6	NW
12/03/2014	14:50	6	ENE
12/03/2014	14:55	5	ENE
12/03/2014	15:00	5	SE
12/03/2014	15:05	3	E
12/03/2014	15:10	4	ESE
12/03/2014	15:15	5	NNE
12/03/2014	15:20	4	SSE
12/03/2014	15:25	5	NNE
12/03/2014	15:30	5	SSE
12/03/2014	15:35	3	E
12/03/2014	15:40	5	ENE
12/03/2014	15:45	5	ENE
12/03/2014	15:50	6	E
12/03/2014	15:55	4	SSE
12/03/2014	16:00	4	E
12/03/2014	16:05	4	E
12/03/2014	16:10	5	ENE
12/03/2014	16:15	4	ENE
12/03/2014	16:20	5	NE
12/03/2014	16:25	3	E
12/03/2014	16:30	5	NNE
12/03/2014	16:35	5	NNE
12/03/2014	16:40	4	N
12/03/2014	16:45	3	NE
12/03/2014	16:50	3	SSE
12/03/2014	16:55	2	SE
12/03/2014	17:00	2	SE
12/03/2014	17:05	1	S
12/03/2014	17:10	0	SSW
12/03/2014	17:15	2	E
12/03/2014	17:20	5	SE
12/03/2014	17:25	2	SSE
12/03/2014	17:30	2	ESE
12/03/2014	17:35	1	NNE
12/03/2014	17:40	2	NE
12/03/2014	17:45	0	N
12/03/2014	17:50	1	NE
12/03/2014	17:55	0	NNE
12/03/2014	18:00	0	---
12/03/2014	18:05	0	---
12/03/2014	18:10	0	NNE
12/03/2014	18:15	0	E
12/03/2014	18:20	0	ESE
12/03/2014	18:25	0	---
12/03/2014	18:30	0	---
12/03/2014	18:35	0	---
12/03/2014	18:40	0	---
12/03/2014	18:45	0	---
12/03/2014	18:50	0	---
12/03/2014	18:55	0	---
12/03/2014	19:00	0	---
12/03/2014	19:05	0	---
12/03/2014	19:10	0	---
12/03/2014	19:15	0	---
12/03/2014	19:20	0	---
12/03/2014	19:25	0	---
12/03/2014	19:30	1	N
12/03/2014	19:35	0	N
12/03/2014	19:40	0	---
12/03/2014	19:45	0	N
12/03/2014	19:50	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/03/2014	19:55	0	---
12/03/2014	20:00	0	---
12/03/2014	20:05	0	---
12/03/2014	20:10	0	---
12/03/2014	20:15	0	---
12/03/2014	20:20	0	---
12/03/2014	20:25	0	---
12/03/2014	20:30	0	---
12/03/2014	20:35	0	---
12/03/2014	20:40	0	---
12/03/2014	20:45	0	N
12/03/2014	20:50	0	N
12/03/2014	20:55	0	---
12/03/2014	21:00	0	---
12/03/2014	21:05	0	---
12/03/2014	21:10	0	N
12/03/2014	21:15	0	---
12/03/2014	21:20	0	---
12/03/2014	21:25	0	---
12/03/2014	21:30	0	---
12/03/2014	21:35	1	N
12/03/2014	21:40	0	ESE
12/03/2014	21:45	1	NE
12/03/2014	21:50	0	---
12/03/2014	21:55	0	---
12/03/2014	22:00	1	WSW
12/03/2014	22:05	1	WNW
12/03/2014	22:10	1	N
12/03/2014	22:15	0	NE
12/03/2014	22:20	0	---
12/03/2014	22:25	0	---
12/03/2014	22:30	0	NE
12/03/2014	22:35	1	S
12/03/2014	22:40	1	SE
12/03/2014	22:45	0	SE
12/03/2014	22:50	1	NNE
12/03/2014	22:55	0	NNW
12/03/2014	23:00	0	N
12/03/2014	23:05	0	---
12/03/2014	23:10	0	---
12/03/2014	23:15	0	N
12/03/2014	23:20	0	---
12/03/2014	23:25	0	---
12/03/2014	23:30	0	---
12/03/2014	23:35	0	---
12/03/2014	23:40	0	---
12/03/2014	23:45	0	---
12/03/2014	23:50	0	---
12/03/2014	23:55	0	---
13/03/2014	00:00	0	---
13/03/2014	00:05	0	---
13/03/2014	00:10	0	---
13/03/2014	00:15	0	---
13/03/2014	00:20	0	---
13/03/2014	00:25	0	---
13/03/2014	00:30	0	---
13/03/2014	00:35	0	---
13/03/2014	00:40	0	---
13/03/2014	00:45	0	---
13/03/2014	00:50	0	---
13/03/2014	00:55	0	---
13/03/2014	01:00	0	---
13/03/2014	01:05	0	---
13/03/2014	01:10	0	---
13/03/2014	01:15	0	---
13/03/2014	01:20	0	---
13/03/2014	01:25	0	---
13/03/2014	01:30	0	---
13/03/2014	01:35	0	---
13/03/2014	01:40	0	NNE
13/03/2014	01:45	1	NNE
13/03/2014	01:50	3	N
13/03/2014	01:55	0	N
13/03/2014	02:00	1	NNW
13/03/2014	02:05	1	W
13/03/2014	02:10	1	W
13/03/2014	02:15	3	NNW
13/03/2014	02:20	2	NW
13/03/2014	02:25	2	NW
13/03/2014	02:30	2	NW
13/03/2014	02:35	1	N

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/03/2014	09:50	2	NNE
13/03/2014	09:55	0	NE
13/03/2014	10:00	2	E
13/03/2014	10:05	3	ENE
13/03/2014	10:10	3	ENE
13/03/2014	10:15	0	ENE
13/03/2014	10:20	0	---
13/03/2014	10:25	2	E
13/03/2014	10:30	2	E
13/03/2014	10:35	4	E
13/03/2014	10:40	2	ENE
13/03/2014	10:45	4	ENE
13/03/2014	10:50	3	E
13/03/2014	10:55	5	ENE
13/03/2014	11:00	3	NE
13/03/2014	11:05	3	E
13/03/2014	11:10	3	E
13/03/2014	11:15	2	E
13/03/2014	11:20	2	ENE
13/03/2014	11:25	1	ENE
13/03/2014	11:30	1	ENE
13/03/2014	11:35	3	ESE
13/03/2014	11:40	2	ENE
13/03/2014	11:45	3	ENE
13/03/2014	11:50	3	ENE
13/03/2014	11:55	2	ENE
13/03/2014	12:00	1	E
13/03/2014	12:05	1	E
13/03/2014	12:10	2	ENE
13/03/2014	12:15	3	E
13/03/2014	12:20	3	E
13/03/2014	12:25	3	E
13/03/2014	12:30	4	ESE
13/03/2014	12:35	4	E
13/03/2014	12:40	1	SSE
13/03/2014	12:45	0	---
13/03/2014	12:50	0	---
13/03/2014	12:55	0	---
13/03/2014	13:00	0	---
13/03/2014	13:05	0	---
13/03/2014	13:10	0	---
13/03/2014	13:15	0	---
13/03/2014	13:20	0	---
13/03/2014	13:25	0	---
13/03/2014	13:30	1	NE
13/03/2014	13:35	5	N
13/03/2014	13:40	5	N
13/03/2014	13:45	4	NNW
13/03/2014	13:50	4	NNW
13/03/2014	13:55	3	NNW
13/03/2014	14:00	2	NE
13/03/2014	14:05	3	WNW
13/03/2014	14:10	3	N
13/03/2014	14:15	4	NNW
13/03/2014	14:20	4	NNE
13/03/2014	14:25	4	NNE
13/03/2014	14:30	5	N
13/03/2014	14:35	5	N
13/03/2014	14:40	4	NNE
13/03/2014	14:45	4	NNE
13/03/2014	14:50	5	NNE
13/03/2014	14:55	5	NNE
13/03/2014	15:00	3	N
13/03/2014	15:05	2	NNE
13/03/2014	15:10	3	N
13/03/2014	15:15	1	NNE
13/03/2014	15:20	0	NNW
13/03/2014	15:25	2	NE
13/03/2014	15:30	1	ENE
13/03/2014	15:35	1	E
13/03/2014	15:40	0	ENE
13/03/2014	15:45	1	ENE
13/03/2014	15:50	2	NE
13/03/2014	15:55	2	NE
13/03/2014	16:00	0	NE
13/03/2014	16:05	0	---
13/03/2014	16:10	0	NE
13/03/2014	16:15	2	ENE
13/03/2014	16:20	2	ENE
13/03/2014	16:25	2	N
13/03/2014	16:30	3	N
13/03/2014	16:35	4	N
13/03/2014	16:40	4	NNE
13/03/2014	16:45	2	NNE
13/03/2014	16:50	2	NNW
13/03/2014	16:55	1	NE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/03/2014	17:00	2	NE
13/03/2014	17:05	3	ENE
13/03/2014	17:10	1	NE
13/03/2014	17:15	0	NE
13/03/2014	17:20	0	NE
13/03/2014	17:25	0	---
13/03/2014	17:30	0	---
13/03/2014	17:35	0	---
13/03/2014	17:40	1	ESE
13/03/2014	17:45	0	E
13/03/2014	17:50	0	---
13/03/2014	17:55	0	---
13/03/2014	18:00	0	---
13/03/2014	18:05	0	ESE
13/03/2014	18:10	0	ENE
13/03/2014	18:15	0	---
13/03/2014	18:20	0	---
13/03/2014	18:25	0	---
13/03/2014	18:30	0	---
13/03/2014	18:35	1	N
13/03/2014	18:40	0	SSE
13/03/2014	18:45	0	---
13/03/2014	18:50	1	NNE
13/03/2014	18:55	2	E
13/03/2014	19:00	0	NE
13/03/2014	19:05	0	---
13/03/2014	19:10	0	---
13/03/2014	19:15	0	---
13/03/2014	19:20	0	---
13/03/2014	19:25	0	---
13/03/2014	19:30	0	---
13/03/2014	19:35	0	E
13/03/2014	19:40	1	ESE
13/03/2014	19:45	2	SSE
13/03/2014	19:50	2	SSE
13/03/2014	19:55	2	SSE
13/03/2014	20:00	4	SSE
13/03/2014	20:05	2	SSE
13/03/2014	20:10	2	SSE
13/03/2014	20:15	3	SSE
13/03/2014	20:20	2	SSE
13/03/2014	20:25	3	SE
13/03/2014	20:30	3	SSE
13/03/2014	20:35	3	S
13/03/2014	20:40	2	S
13/03/2014	20:45	1	S
13/03/2014	20:50	1	S
13/03/2014	20:55	0	---
13/03/2014	21:00	0	---
13/03/2014	21:05	0	S
13/03/2014	21:10	1	S
13/03/2014	21:15	0	SSE
13/03/2014	21:20	2	SSE
13/03/2014	21:25	3	SSE
13/03/2014	21:30	1	S
13/03/2014	21:35	0	SE
13/03/2014	21:40	3	SE
13/03/2014	21:45	0	SSE
13/03/2014	21:50	0	SSE
13/03/2014	21:55	0	SSE
13/03/2014	22:00	1	S
13/03/2014	22:05	1	SW
13/03/2014	22:10	0	SW
13/03/2014	22:15	0	---
13/03/2014	22:20	0	---
13/03/2014	22:25	3	NW
13/03/2014	22:30	2	NW
13/03/2014	22:35	0	---
13/03/2014	22:40	0	---
13/03/2014	22:45	0	---
13/03/2014	22:50	0	---
13/03/2014	22:55	0	SSW
13/03/2014	23:00	1	ESE
13/03/2014	23:05	0	E
13/03/2014	23:10	0	---
13/03/2014	23:15	2	S
13/03/2014	23:20	1	SSW
13/03/2014	23:25	2	WSW
13/03/2014	23:30	0	WSW
13/03/2014	23:35	0	NNW
13/03/2014	23:40	0	---
13/03/2014	23:45	1	NNW
13/03/2014	23:50	0	NNW
13/03/2014	23:55	0	---
14/03/2014	00:00	0	---
14/03/2014	00:05	2	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/03/2014	00:10	2	SE
14/03/2014	00:15	3	SSE
14/03/2014	00:20	3	SSE
14/03/2014	00:25	3	SE
14/03/2014	00:30	4	SE
14/03/2014	00:35	4	SE
14/03/2014	00:40	5	SE
14/03/2014	00:45	2	SE
14/03/2014	00:50	0	SSE
14/03/2014	00:55	3	SE
14/03/2014	01:00	3	SE
14/03/2014	01:05	4	SSE
14/03/2014	01:10	4	SSE
14/03/2014	01:15	3	ESE
14/03/2014	01:20	5	ESE
14/03/2014	01:25	3	ESE
14/03/2014	01:30	3	SE
14/03/2014	01:35	2	SE
14/03/2014	01:40	4	SE
14/03/2014	01:45	0	SSE
14/03/2014	01:50	3	SE
14/03/2014	01:55	4	SSE
14/03/2014	02:00	3	SE
14/03/2014	02:05	3	SE
14/03/2014	02:10	3	SE
14/03/2014	02:15	3	SE
14/03/2014	02:20	3	SE
14/03/2014	02:25	3	SE
14/03/2014	02:30	4	SE
14/03/2014	02:35	3	SSE
14/03/2014	02:40	2	SSE
14/03/2014	02:45	2	SSE
14/03/2014	02:50	0	SE
14/03/2014	02:55	2	SE
14/03/2014	03:00	3	SE
14/03/2014	03:05	3	SSE
14/03/2014	03:10	2	SSE
14/03/2014	03:15	2	SSE
14/03/2014	03:20	2	SSE
14/03/2014	03:25	3	SSE
14/03/2014	03:30	2	S
14/03/2014	03:35	2	SSE
14/03/2014	03:40	1	SSE
14/03/2014	03:45	1	SSE
14/03/2014	03:50	2	SSE
14/03/2014	03:55	3	SE
14/03/2014	04:00	3	SE
14/03/2014	04:05	3	SSE
14/03/2014	04:10	3	SSE
14/03/2014	04:15	3	SSE
14/03/2014	04:20	5	SSE
14/03/2014	04:25	5	SE
14/03/2014	04:30	4	SE
14/03/2014	04:35	3	SE
14/03/2014	04:40	2	SE
14/03/2014	04:45	0	SE
14/03/2014	04:50	2	SE
14/03/2014	04:55	0	WSW
14/03/2014	05:00	1	S
14/03/2014	05:05	3	SSE
14/03/2014	05:10	3	SE
14/03/2014	05:15	4	ESE
14/03/2014	05:20	2	ESE
14/03/2014	05:25	4	SSE
14/03/2014	05:30	7	SSE
14/03/2014	05:35	4	SSE
14/03/2014	05:40	2	SSE
14/03/2014	05:45	2	WNW
14/03/2014	05:50	1	SSE
14/03/2014	05:55	4	SSE
14/03/2014	06:00	1	SE
14/03/2014	06:05	3	ESE
14/03/2014	06:10	6	E
14/03/2014	06:15	7	ESE
14/03/2014	06:20	9	ESE
14/03/2014	06:25	7	SE
14/03/2014	06:30	7	ESE
14/03/2014	06:35	7	ESE
14/03/2014	06:40	7	SE
14/03/2014	06:45	7	SSE
14/03/2014	06:50	6	SSE
14/03/2014	06:55	5	SSE
14/03/2014	07:00	2	SE
14/03/2014	07:05	2	SSE
14/03/2014	07:10	3	SE
14/03/2014	07:15	4	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/03/2014	07:20	4	SSE
14/03/2014	07:25	4	SSE
14/03/2014	07:30	4	SSE
14/03/2014	07:35	4	SE
14/03/2014	07:40	5	SE
14/03/2014	07:45	5	SE
14/03/2014	07:50	5	SE
14/03/2014	07:55	7	SE
14/03/2014	08:00	5	SE
14/03/2014	08:05	6	SE
14/03/2014	08:10	5	SE
14/03/2014	08:15	5	SSE
14/03/2014	08:20	5	SE
14/03/2014	08:25	4	SE
14/03/2014	08:30	4	ESE
14/03/2014	08:35	5	ESE
14/03/2014	08:40	6	ESE
14/03/2014	08:45	5	ESE
14/03/2014	08:50	5	ESE
14/03/2014	08:55	4	E
14/03/2014	09:00	6	E
14/03/2014	09:05	4	E
14/03/2014	09:10	4	E
14/03/2014	09:15	5	E
14/03/2014	09:20	5	E
14/03/2014	09:25	3	E
14/03/2014	09:30	5	ESE
14/03/2014	09:35	4	ESE
14/03/2014	09:40	4	ESE
14/03/2014	09:45	6	E
14/03/2014	09:50	4	ESE
14/03/2014	09:55	7	E
14/03/2014	10:00	5	E
14/03/2014	10:05	5	E
14/03/2014	10:10	5	E
14/03/2014	10:15	4	ESE
14/03/2014	10:20	4	E
14/03/2014	10:25	5	E
14/03/2014	10:30	5	E
14/03/2014	10:35	6	E
14/03/2014	10:40	4	E
14/03/2014	10:45	5	E
14/03/2014	10:50	5	SE
14/03/2014	10:55	7	SE
14/03/2014	11:00	8	SE
14/03/2014	11:05	7	SE
14/03/2014	11:10	7	SE
14/03/2014	11:15	7	SE
14/03/2014	11:20	5	SE
14/03/2014	11:25	6	ESE
14/03/2014	11:30	5	ESE
14/03/2014	11:35	4	ESE
14/03/2014	11:40	5	ESE
14/03/2014	11:45	5	SE
14/03/2014	11:50	4	SE
14/03/2014	11:55	6	SE
14/03/2014	12:00	5	SE
14/03/2014	12:05	4	ESE
14/03/2014	12:10	5	SE
14/03/2014	12:15	7	SE
14/03/2014	12:20	7	ESE
14/03/2014	12:25	4	SE
14/03/2014	12:30	5	E
14/03/2014	12:35	4	E
14/03/2014	12:40	4	E
14/03/2014	12:45	5	E
14/03/2014	12:50	5	E
14/03/2014	12:55	5	E
14/03/2014	13:00	4	E
14/03/2014	13:05	4	E
14/03/2014	13:10	3	E
14/03/2014	13:15	3	ESE
14/03/2014	13:20	2	E
14/03/2014	13:25	2	E
14/03/2014	13:30	3	E
14/03/2014	13:35	3	E
14/03/2014	13:40	4	ENE
14/03/2014	13:45	4	ENE
14/03/2014	13:50	3	ENE
14/03/2014	13:55	1	ENE
14/03/2014	14:00	0	ENE
14/03/2014	14:05	2	ENE
14/03/2014	14:10	3	ENE
14/03/2014	14:15	3	E
14/03/2014	14:20	3	E
14/03/2014	14:25	4	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/03/2014	14:30	4	E
14/03/2014	14:35	6	E
14/03/2014	14:40	6	E
14/03/2014	14:45	6	E
14/03/2014	14:50	6	ESE
14/03/2014	14:55	5	ESE
14/03/2014	15:00	4	ESE
14/03/2014	15:05	4	ESE
14/03/2014	15:10	3	E
14/03/2014	15:15	5	ESE
14/03/2014	15:20	4	SE
14/03/2014	15:25	3	SE
14/03/2014	15:30	5	ESE
14/03/2014	15:35	5	ESE
14/03/2014	15:40	5	SE
14/03/2014	15:45	3	ESE
14/03/2014	15:50	4	E
14/03/2014	15:55	4	ESE
14/03/2014	16:00	5	E
14/03/2014	16:05	5	E
14/03/2014	16:10	5	E
14/03/2014	16:15	6	E
14/03/2014	16:20	4	ESE
14/03/2014	16:25	5	ESE
14/03/2014	16:30	7	ESE
14/03/2014	16:35	7	ESE
14/03/2014	16:40	6	E
14/03/2014	16:45	6	ESE
14/03/2014	16:50	5	ESE
14/03/2014	16:55	4	ESE
14/03/2014	17:00	4	SE
14/03/2014	17:05	5	ESE
14/03/2014	17:10	5	SE
14/03/2014	17:15	6	SE
14/03/2014	17:20	5	ESE
14/03/2014	17:25	5	ESE
14/03/2014	17:30	5	SSE
14/03/2014	17:35	5	SE
14/03/2014	17:40	4	SSE
14/03/2014	17:45	5	SSE
14/03/2014	17:50	3	SSE
14/03/2014	17:55	3	SSE
14/03/2014	18:00	3	SE
14/03/2014	18:05	5	ESE
14/03/2014	18:10	4	SE
14/03/2014	18:15	4	SE
14/03/2014	18:20	3	SSE
14/03/2014	18:25	3	SSE
14/03/2014	18:30	4	SSE
14/03/2014	18:35	3	SSE
14/03/2014	18:40	3	SSE
14/03/2014	18:45	3	SSE
14/03/2014	18:50	3	SSE
14/03/2014	18:55	4	SSE
14/03/2014	19:00	4	SSE
14/03/2014	19:05	4	SSE
14/03/2014	19:10	1	SSE
14/03/2014	19:15	3	SSE
14/03/2014	19:20	3	ESE
14/03/2014	19:25	3	SE
14/03/2014	19:30	3	SE
14/03/2014	19:35	2	S
14/03/2014	19:40	1	SSE
14/03/2014	19:45	0	SSE
14/03/2014	19:50	0	---
14/03/2014	19:55	0	S
14/03/2014	20:00	0	S
14/03/2014	20:05	0	S
14/03/2014	20:10	0	S
14/03/2014	20:15	0	SSE
14/03/2014	20:20	1	SE
14/03/2014	20:25	0	---
14/03/2014	20:30	0	---
14/03/2014	20:35	0	---
14/03/2014	20:40	1	SE
14/03/2014	20:45	0	SE
14/03/2014	20:50	0	---
14/03/2014	20:55	2	SSE
14/03/2014	21:00	2	S
14/03/2014	21:05	1	S
14/03/2014	21:10	0	WSW
14/03/2014	21:15	0	---
14/03/2014	21:20	0	SE
14/03/2014	21:25	0	---
14/03/2014	21:30	0	---
14/03/2014	21:35	0	---

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

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

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
15/03/2014	12:00	4	SE
15/03/2014	12:05	4	SSE
15/03/2014	12:10	4	SSE
15/03/2014	12:15	2	SSE
15/03/2014	12:20	2	SE
15/03/2014	12:25	3	SE
15/03/2014	12:30	2	SE
15/03/2014	12:35	1	S
15/03/2014	12:40	2	SSE
15/03/2014	12:45	4	SSE
15/03/2014	12:50	1	SE
15/03/2014	12:55	5	SE
15/03/2014	13:00	5	SSE
15/03/2014	13:05	7	SE
15/03/2014	13:10	7	SSE
15/03/2014	13:15	6	SSE
15/03/2014	13:20	7	SSE
15/03/2014	13:25	7	SE
15/03/2014	13:30	6	SSE
15/03/2014	13:35	6	SSE
15/03/2014	13:40	8	SSE
15/03/2014	13:45	11	SE
15/03/2014	13:50	12	SE
15/03/2014	13:55	13	SE
15/03/2014	14:00	14	SE
15/03/2014	14:05	12	SE
15/03/2014	14:10	12	SE
15/03/2014	14:15	13	SE
15/03/2014	14:20	10	SE
15/03/2014	14:25	10	SE
15/03/2014	14:30	10	SE
15/03/2014	14:35	11	SE
15/03/2014	14:40	10	SE
15/03/2014	14:45	9	SSE
15/03/2014	14:50	9	SSE
15/03/2014	14:55	9	SE
15/03/2014	15:00	9	SE
15/03/2014	15:05	11	SE
15/03/2014	15:10	9	SE
15/03/2014	15:15	9	SE
15/03/2014	15:20	7	SE
15/03/2014	15:25	7	SSE
15/03/2014	15:30	5	SSE
15/03/2014	15:35	4	SSE
15/03/2014	15:40	5	SSE
15/03/2014	15:45	5	SSE
15/03/2014	15:50	4	S
15/03/2014	15:55	3	SSE
15/03/2014	16:00	5	SSE
15/03/2014	16:05	6	SSE
15/03/2014	16:10	5	SSE
15/03/2014	16:15	4	SSE
15/03/2014	16:20	5	SSE
15/03/2014	16:25	4	SE
15/03/2014	16:30	6	SSE
15/03/2014	16:35	4	SSE
15/03/2014	16:40	4	SW
15/03/2014	16:45	3	S
15/03/2014	16:50	3	WSW
15/03/2014	16:55	3	SSE
15/03/2014	17:00	2	S
15/03/2014	17:05	1	SSE
15/03/2014	17:10	2	SSE
15/03/2014	17:15	3	SSE
15/03/2014	17:20	3	S
15/03/2014	17:25	3	SSE
15/03/2014	17:30	3	SSE
15/03/2014	17:35	3	SSE
15/03/2014	17:40	5	SSE
15/03/2014	17:45	5	SSE
15/03/2014	17:50	4	SE
15/03/2014	17:55	5	SSE
15/03/2014	18:00	5	SSE
15/03/2014	18:05	4	SSE
15/03/2014	18:10	5	SSE
15/03/2014	18:15	8	SE
15/03/2014	18:20	8	SSE
15/03/2014	18:25	9	SSE
15/03/2014	18:30	8	SE
15/03/2014	18:35	10	SSE
15/03/2014	18:40	7	SSE
15/03/2014	18:45	7	SSE
15/03/2014	18:50	6	SSE
15/03/2014	18:55	6	SSE
15/03/2014	19:00	7	SE
15/03/2014	19:05	6	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
15/03/2014	19:10	7	SE
15/03/2014	19:15	7	SSE
15/03/2014	19:20	8	SE
15/03/2014	19:25	6	ESE
15/03/2014	19:30	8	SSE
15/03/2014	19:35	5	ESE
15/03/2014	19:40	7	SSE
15/03/2014	19:45	4	SE
15/03/2014	19:50	5	E
15/03/2014	19:55	5	SSE
15/03/2014	20:00	5	SE
15/03/2014	20:05	6	SE
15/03/2014	20:10	6	ESE
15/03/2014	20:15	6	SSE
15/03/2014	20:20	7	SE
15/03/2014	20:25	6	SSE
15/03/2014	20:30	6	SE
15/03/2014	20:35	6	SE
15/03/2014	20:40	6	SSE
15/03/2014	20:45	4	SSE
15/03/2014	20:50	3	SSE
15/03/2014	20:55	3	E
15/03/2014	21:00	4	SE
15/03/2014	21:05	4	SE
15/03/2014	21:10	6	SSE
15/03/2014	21:15	5	SE
15/03/2014	21:20	6	SE
15/03/2014	21:25	6	SE
15/03/2014	21:30	7	SSE
15/03/2014	21:35	8	SE
15/03/2014	21:40	9	SE
15/03/2014	21:45	9	SE
15/03/2014	21:50	10	ESE
15/03/2014	21:55	11	SE
15/03/2014	22:00	11	SE
15/03/2014	22:05	11	SE
15/03/2014	22:10	12	SE
15/03/2014	22:15	12	SE
15/03/2014	22:20	11	SE
15/03/2014	22:25	10	SE
15/03/2014	22:30	9	SE
15/03/2014	22:35	10	SE
15/03/2014	22:40	9	SE
15/03/2014	22:45	10	SE
15/03/2014	22:50	8	SE
15/03/2014	22:55	8	SE
15/03/2014	23:00	8	SE
15/03/2014	23:05	9	SE
15/03/2014	23:10	8	SE
15/03/2014	23:15	8	SE
15/03/2014	23:20	9	SE
15/03/2014	23:25	11	SE
15/03/2014	23:30	10	SE
15/03/2014	23:35	9	SE
15/03/2014	23:40	12	SE
15/03/2014	23:45	12	SE
15/03/2014	23:50	13	SE
15/03/2014	23:55	12	SE
16/03/2014	00:00	11	SE
16/03/2014	00:05	13	SE
16/03/2014	00:10	13	SE
16/03/2014	00:15	12	SE
16/03/2014	00:20	12	SE
16/03/2014	00:25	12	SE
16/03/2014	00:30	13	SE
16/03/2014	00:35	9	SSE
16/03/2014	00:40	10	SSE
16/03/2014	00:45	9	SSE
16/03/2014	00:50	10	SE
16/03/2014	00:55	9	SE
16/03/2014	01:00	11	SE
16/03/2014	01:05	11	SE
16/03/2014	01:10	11	SE
16/03/2014	01:15	13	ESE
16/03/2014	01:20	13	ESE
16/03/2014	01:25	11	SE
16/03/2014	01:30	9	SE
16/03/2014	01:35	8	SE
16/03/2014	01:40	9	SE
16/03/2014	01:45	10	SE
16/03/2014	01:50	11	SE
16/03/2014	01:55	12	SE
16/03/2014	02:00	12	SE
16/03/2014	02:05	12	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/03/2014	02:10	10	SE	16/03/2014	05:25	8	SSE
16/03/2014	02:15	11	SE	16/03/2014	05:30	7	SE
16/03/2014	02:20	12	SE	16/03/2014	05:35	8	ESE
16/03/2014	02:25	12	SE	16/03/2014	05:40	6	E
16/03/2014	02:30	9	SE	16/03/2014	05:45	8	SE
16/03/2014	02:35	10	SE	16/03/2014	05:50	12	SE
16/03/2014	02:40	9	SE	16/03/2014	05:55	11	SE
16/03/2014	02:45	8	SSE	16/03/2014	06:00	8	SSE
16/03/2014	02:50	8	SE	16/03/2014	06:05	6	SE
16/03/2014	02:55	9	SSE	16/03/2014	06:10	3	SE
16/03/2014	03:00	10	SE	16/03/2014	06:15	2	SSE
16/03/2014	03:05	8	SE	16/03/2014	06:20	3	SE
16/03/2014	03:10	8	SE	16/03/2014	06:25	4	ESE
16/03/2014	03:15	9	SE	16/03/2014	06:30	6	SSE
16/03/2014	03:20	9	SE	16/03/2014	06:35	7	SE
16/03/2014	03:25	10	SE	16/03/2014	06:40	6	SSE
16/03/2014	03:30	9	SE	16/03/2014	06:45	5	SSE
16/03/2014	03:35	8	SE	16/03/2014	06:50	4	SSE
16/03/2014	03:40	7	SSE	16/03/2014	06:55	3	SSE
16/03/2014	03:45	8	SSE	16/03/2014	07:00	7	SE
16/03/2014	03:50	7	SE	16/03/2014	07:05	6	SE
16/03/2014	03:55	7	SE	16/03/2014	07:10	6	SE
16/03/2014	04:00	8	SE	16/03/2014	07:15	6	SE
16/03/2014	04:05	7	SE	16/03/2014	07:20	5	SE
16/03/2014	04:10	7	SSE	16/03/2014	07:25	6	SE
16/03/2014	04:15	4	SE	16/03/2014	07:30	6	SE
16/03/2014	04:20	6	SE	16/03/2014	07:35	6	SE
16/03/2014	04:25	7	SE	16/03/2014	07:40	7	SE
16/03/2014	04:30	5	SE	16/03/2014	07:45	6	SE
16/03/2014	04:35	4	ESE	16/03/2014	07:50	7	SE
16/03/2014	04:40	5	SSE	16/03/2014	07:55	6	SSE
16/03/2014	04:45	4	SSE	16/03/2014	08:00	6	SE
16/03/2014	04:50	5	SSE	16/03/2014	08:05	6	SE
16/03/2014	04:55	4	SSE	16/03/2014	08:10	9	SE
16/03/2014	05:00	4	SE	16/03/2014	08:15	9	SE
16/03/2014	05:05	6	SE	16/03/2014	08:20	8	SE
16/03/2014	05:10	6	SE	16/03/2014	08:25	9	SE
16/03/2014	05:15	5	SE	16/03/2014	08:30	9	SE
16/03/2014	05:20	6	SSE	16/03/2014	08:35	9	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/03/2014	08:40	8	SE	16/03/2014	11:55	9	SE
16/03/2014	08:45	9	SE	16/03/2014	12:00	9	SE
16/03/2014	08:50	9	SE	16/03/2014	12:05	9	SE
16/03/2014	08:55	9	SE	16/03/2014	12:10	8	SE
16/03/2014	09:00	11	SE	16/03/2014	12:15	7	SSE
16/03/2014	09:05	11	SE	16/03/2014	12:20	8	SE
16/03/2014	09:10	8	SE	16/03/2014	12:25	7	SE
16/03/2014	09:15	8	SE	16/03/2014	12:30	9	SE
16/03/2014	09:20	5	SE	16/03/2014	12:35	8	SE
16/03/2014	09:25	8	SE	16/03/2014	12:40	7	SE
16/03/2014	09:30	10	ESE	16/03/2014	12:45	8	SE
16/03/2014	09:35	7	SE	16/03/2014	12:50	8	SSE
16/03/2014	09:40	9	SE	16/03/2014	12:55	9	SE
16/03/2014	09:45	7	SE	16/03/2014	13:00	9	SE
16/03/2014	09:50	10	SE	16/03/2014	13:05	8	SSE
16/03/2014	09:55	10	SE	16/03/2014	13:10	8	SE
16/03/2014	10:00	10	SE	16/03/2014	13:15	7	SE
16/03/2014	10:05	8	SE	16/03/2014	13:20	7	SSE
16/03/2014	10:10	8	SE	16/03/2014	13:25	5	SE
16/03/2014	10:15	10	SE	16/03/2014	13:30	7	SE
16/03/2014	10:20	10	SE	16/03/2014	13:35	8	SSE
16/03/2014	10:25	10	SE	16/03/2014	13:40	8	SE
16/03/2014	10:30	10	SE	16/03/2014	13:45	8	SE
16/03/2014	10:35	10	SE	16/03/2014	13:50	9	SE
16/03/2014	10:40	9	SSE	16/03/2014	13:55	8	SSE
16/03/2014	10:45	9	SE	16/03/2014	14:00	6	SE
16/03/2014	10:50	10	SE	16/03/2014	14:05	7	SSE
16/03/2014	10:55	12	SE	16/03/2014	14:10	8	SE
16/03/2014	11:00	10	SE	16/03/2014	14:15	7	SE
16/03/2014	11:05	10	SE	16/03/2014	14:20	7	SSE
16/03/2014	11:10	9	SE	16/03/2014	14:25	7	SSE
16/03/2014	11:15	9	SSE	16/03/2014	14:30	8	SSE
16/03/2014	11:20	10	SSE	16/03/2014	14:35	9	SSE
16/03/2014	11:25	10	SE	16/03/2014	14:40	9	SE
16/03/2014	11:30	10	SE	16/03/2014	14:45	10	SSE
16/03/2014	11:35	10	SE	16/03/2014	14:50	11	SE
16/03/2014	11:40	11	SE	16/03/2014	14:55	8	SE
16/03/2014	11:45	10	SSE	16/03/2014	15:00	7	SE
16/03/2014	11:50	9	SSE	16/03/2014	15:05	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/03/2014	15:10	7	SE
16/03/2014	15:15	9	SE
16/03/2014	15:20	10	SE
16/03/2014	15:25	8	SE
16/03/2014	15:30	8	SE
16/03/2014	15:35	10	SE
16/03/2014	15:40	9	SE
16/03/2014	15:45	7	SE
16/03/2014	15:50	8	SE
16/03/2014	15:55	6	SSE
16/03/2014	16:00	5	SSE
16/03/2014	16:05	6	SSE
16/03/2014	16:10	6	SE
16/03/2014	16:15	6	SE
16/03/2014	16:20	7	SE
16/03/2014	16:25	8	SE
16/03/2014	16:30	8	SE
16/03/2014	16:35	9	SE
16/03/2014	16:40	10	SE
16/03/2014	16:45	10	SE
16/03/2014	16:50	10	SE
16/03/2014	16:55	11	SE
16/03/2014	17:00	10	SE
16/03/2014	17:05	10	SE
16/03/2014	17:10	10	SE
16/03/2014	17:15	8	SE
16/03/2014	17:20	9	SE
16/03/2014	17:25	9	SSE
16/03/2014	17:30	10	SE
16/03/2014	17:35	10	SE
16/03/2014	17:40	10	SE
16/03/2014	17:45	10	SE
16/03/2014	17:50	8	SE
16/03/2014	17:55	6	ESE
16/03/2014	18:00	6	SSE
16/03/2014	18:05	6	SE
16/03/2014	18:10	7	SE
16/03/2014	18:15	8	SE
16/03/2014	18:20	8	SE
16/03/2014	18:25	10	SE
16/03/2014	18:30	11	SE
16/03/2014	18:35	11	SE
16/03/2014	18:40	11	SE
16/03/2014	18:45	9	SE
16/03/2014	18:50	8	SE
16/03/2014	18:55	5	SE
16/03/2014	19:00	7	SE
16/03/2014	19:05	6	SE
16/03/2014	19:10	6	SE
16/03/2014	19:15	5	SSE
16/03/2014	19:20	4	SE
16/03/2014	19:25	4	SSE
16/03/2014	19:30	3	SSE
16/03/2014	19:35	3	SSE
16/03/2014	19:40	3	ESE
16/03/2014	19:45	2	ESE
16/03/2014	19:50	1	SE
16/03/2014	19:55	0	SE
16/03/2014	20:00	2	NNE
16/03/2014	20:05	1	NNE
16/03/2014	20:10	3	SSE
16/03/2014	20:15	3	SSE
16/03/2014	20:20	3	SSE
16/03/2014	20:25	2	SSE
16/03/2014	20:30	2	SE
16/03/2014	20:35	1	SSE
16/03/2014	20:40	1	SE
16/03/2014	20:45	3	SSE
16/03/2014	20:50	4	SE
16/03/2014	20:55	3	SSE
16/03/2014	21:00	6	SE
16/03/2014	21:05	7	SE
16/03/2014	21:10	5	SE
16/03/2014	21:15	4	SSE
16/03/2014	21:20	4	SSE
16/03/2014	21:25	3	SSE
16/03/2014	21:30	3	SSE
16/03/2014	21:35	2	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/03/2014	21:40	3	SSE	17/03/2014	00:55	2	WNW
16/03/2014	21:45	3	SSE	17/03/2014	01:00	1	NW
16/03/2014	21:50	0	SE	17/03/2014	01:05	0	---
16/03/2014	21:55	0	---	17/03/2014	01:10	0	---
16/03/2014	22:00	0	---	17/03/2014	01:15	0	---
16/03/2014	22:05	0	SE	17/03/2014	01:20	0	NW
16/03/2014	22:10	0	SE	17/03/2014	01:25	0	---
16/03/2014	22:15	4	SE	17/03/2014	01:30	0	---
16/03/2014	22:20	5	SE	17/03/2014	01:35	0	---
16/03/2014	22:25	7	SSE	17/03/2014	01:40	0	---
16/03/2014	22:30	7	SSE	17/03/2014	01:45	0	---
16/03/2014	22:35	7	SE	17/03/2014	01:50	0	---
16/03/2014	22:40	7	SE	17/03/2014	01:55	0	---
16/03/2014	22:45	8	SE	17/03/2014	02:00	0	E
16/03/2014	22:50	9	SE	17/03/2014	02:05	0	E
16/03/2014	22:55	9	SE	17/03/2014	02:10	0	WSW
16/03/2014	23:00	8	SE	17/03/2014	02:15	2	WNW
16/03/2014	23:05	7	SE	17/03/2014	02:20	2	NW
16/03/2014	23:10	8	SE	17/03/2014	02:25	3	WNW
16/03/2014	23:15	8	SE	17/03/2014	02:30	0	NW
16/03/2014	23:20	8	SE	17/03/2014	02:35	3	NW
16/03/2014	23:25	8	SE	17/03/2014	02:40	4	NNW
16/03/2014	23:30	8	SE	17/03/2014	02:45	4	NW
16/03/2014	23:35	8	SE	17/03/2014	02:50	2	NW
16/03/2014	23:40	7	SE	17/03/2014	02:55	2	NW
16/03/2014	23:45	5	SSE	17/03/2014	03:00	0	NNW
16/03/2014	23:50	5	SSE	17/03/2014	03:05	0	---
16/03/2014	23:55	5	SE	17/03/2014	03:10	0	---
17/03/2014	00:00	6	SE	17/03/2014	03:15	1	NW
17/03/2014	00:05	6	SE	17/03/2014	03:20	1	NNW
17/03/2014	00:10	5	SE	17/03/2014	03:25	0	---
17/03/2014	00:15	7	SE	17/03/2014	03:30	0	---
17/03/2014	00:20	6	SE	17/03/2014	03:35	0	---
17/03/2014	00:25	6	ESE	17/03/2014	03:40	0	---
17/03/2014	00:30	7	SE	17/03/2014	03:45	0	NNW
17/03/2014	00:35	6	SE	17/03/2014	03:50	0	---
17/03/2014	00:40	5	SE	17/03/2014	03:55	0	---
17/03/2014	00:45	3	SSE	17/03/2014	04:00	0	---
17/03/2014	00:50	1	SSE	17/03/2014	04:05	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
17/03/2014	04:10	0	NNW
17/03/2014	04:15	0	---
17/03/2014	04:20	0	---
17/03/2014	04:25	0	---
17/03/2014	04:30	0	---
17/03/2014	04:35	0	NW
17/03/2014	04:40	2	NW
17/03/2014	04:45	1	NW
17/03/2014	04:50	0	WNW
17/03/2014	04:55	0	---
17/03/2014	05:00	0	SE
17/03/2014	05:05	1	S
17/03/2014	05:10	0	S
17/03/2014	05:15	1	S
17/03/2014	05:20	1	S
17/03/2014	05:25	3	SE
17/03/2014	05:30	2	SSE
17/03/2014	05:35	0	S
17/03/2014	05:40	0	---
17/03/2014	05:45	0	---
17/03/2014	05:50	0	---
17/03/2014	05:55	0	---
17/03/2014	06:00	0	---
17/03/2014	06:05	0	---
17/03/2014	06:10	1	WNW
17/03/2014	06:15	1	WNW
17/03/2014	06:20	1	NW
17/03/2014	06:25	1	NW
17/03/2014	06:30	1	WNW
17/03/2014	06:35	1	NW
17/03/2014	06:40	1	WNW
17/03/2014	06:45	1	NW
17/03/2014	06:50	0	NW
17/03/2014	06:55	2	NW
17/03/2014	07:00	2	NW
17/03/2014	07:05	0	NW
17/03/2014	07:10	1	NW
17/03/2014	07:15	0	NW
17/03/2014	07:20	0	---
17/03/2014	07:25	0	---
17/03/2014	07:30	0	NW
17/03/2014	07:35	1	NNW
17/03/2014	07:40	0	---
17/03/2014	07:45	0	---
17/03/2014	07:50	0	---
17/03/2014	07:55	0	---
17/03/2014	08:00	0	---
17/03/2014	08:05	0	---
17/03/2014	08:10	0	---
17/03/2014	08:15	0	NNW
17/03/2014	08:20	0	---
17/03/2014	08:25	0	---
17/03/2014	08:30	0	---
17/03/2014	08:35	0	---
17/03/2014	08:40	0	---
17/03/2014	08:45	0	---
17/03/2014	08:50	0	---
17/03/2014	08:55	1	NNE
17/03/2014	09:00	1	E
17/03/2014	09:05	0	E
17/03/2014	09:10	0	---
17/03/2014	09:15	0	---
17/03/2014	09:20	0	---
17/03/2014	09:25	0	NE
17/03/2014	09:30	0	---
17/03/2014	09:35	2	ENE
17/03/2014	09:40	3	ENE
17/03/2014	09:45	2	NE
17/03/2014	09:50	4	ENE
17/03/2014	09:55	4	E
17/03/2014	10:00	4	ENE
17/03/2014	10:05	2	ENE
17/03/2014	10:10	2	E
17/03/2014	10:15	0	---
17/03/2014	10:20	1	E
17/03/2014	10:25	1	E
17/03/2014	10:30	2	E
17/03/2014	10:35	0	ESE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
17/03/2014	10:40	0	---
17/03/2014	10:45	0	---
17/03/2014	10:50	0	ENE
17/03/2014	10:55	2	E
17/03/2014	11:00	3	E
17/03/2014	11:05	3	E
17/03/2014	11:10	2	E
17/03/2014	11:15	2	E
17/03/2014	11:20	1	NE
17/03/2014	11:25	1	NE
17/03/2014	11:30	0	NW
17/03/2014	11:35	2	NNW
17/03/2014	11:40	2	NNE
17/03/2014	11:45	2	SSE
17/03/2014	11:50	4	SE
17/03/2014	11:55	5	SE
17/03/2014	12:00	3	SSE
17/03/2014	12:05	4	SE
17/03/2014	12:10	3	SE
17/03/2014	12:15	3	SE
17/03/2014	12:20	2	SE
17/03/2014	12:25	3	SE
17/03/2014	12:30	5	SE
17/03/2014	12:35	6	SE
17/03/2014	12:40	6	SE
17/03/2014	12:45	6	SE
17/03/2014	12:50	4	SE
17/03/2014	12:55	4	SE
17/03/2014	13:00	4	SE
17/03/2014	13:05	3	SE
17/03/2014	13:10	3	SE
17/03/2014	13:15	3	SE
17/03/2014	13:20	3	SE
17/03/2014	13:25	2	SSE
17/03/2014	13:30	3	SSE
17/03/2014	13:35	4	ESE
17/03/2014	13:40	3	SE
17/03/2014	13:45	5	SE
17/03/2014	13:50	6	SE
17/03/2014	13:55	6	SE
17/03/2014	14:00	5	SE
17/03/2014	14:05	6	SE
17/03/2014	14:10	5	ESE
17/03/2014	14:15	5	SE
17/03/2014	14:20	6	SE
17/03/2014	14:25	6	SE
17/03/2014	14:30	5	SE
19/03/2014	19:20	0	---
19/03/2014	19:25	0	---
19/03/2014	19:30	0	---
19/03/2014	19:35	0	---
19/03/2014	19:40	0	---
19/03/2014	19:45	0	---
19/03/2014	19:50	0	---
19/03/2014	19:55	0	---
19/03/2014	20:00	0	---
19/03/2014	20:05	0	---
19/03/2014	20:10	0	---
19/03/2014	20:15	0	---
19/03/2014	20:20	0	---
19/03/2014	20:25	0	---
19/03/2014	20:30	0	---
19/03/2014	20:35	0	---
19/03/2014	20:40	0	---
19/03/2014	20:45	0	---
19/03/2014	20:50	0	---
19/03/2014	20:55	0	---
19/03/2014	21:00	0	---
19/03/2014	21:05	0	---
19/03/2014	21:10	0	---
19/03/2014	21:15	0	---
19/03/2014	21:20	0	---
19/03/2014	21:25	0	---
19/03/2014	21:30	0	---
19/03/2014	21:35	0	---
19/03/2014	21:40	0	---
19/03/2014	21:45	0	---
19/03/2014	21:50	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
19/03/2014	21:55	0	---
19/03/2014	22:00	0	---
19/03/2014	22:05	0	---
19/03/2014	22:10	0	---
19/03/2014	22:15	0	---
19/03/2014	22:20	0	---
19/03/2014	22:25	0	---
19/03/2014	22:30	0	---
19/03/2014	22:35	0	---
19/03/2014	22:40	0	---
19/03/2014	22:45	0	---
19/03/2014	22:50	0	---
19/03/2014	22:55	0	---
19/03/2014	23:00	0	---
19/03/2014	23:05	0	---
19/03/2014	23:10	0	---
19/03/2014	23:15	0	---
19/03/2014	23:20	0	---
19/03/2014	23:25	0	---
19/03/2014	23:30	0	---
19/03/2014	23:35	0	---
19/03/2014	23:40	0	---
19/03/2014	23:45	0	---
19/03/2014	23:50	0	---
19/03/2014	23:55	0	---
20/03/2014	00:00	0	---
20/03/2014	00:05	0	---
20/03/2014	00:10	0	---
20/03/2014	00:15	0	---
20/03/2014	00:20	0	---
20/03/2014	00:25	0	---
20/03/2014	00:30	0	---
20/03/2014	00:35	0	---
20/03/2014	00:40	0	---
20/03/2014	00:45	0	---
20/03/2014	00:50	0	---
20/03/2014	00:55	0	---
20/03/2014	01:00	0	---
20/03/2014	01:05	0	---
20/03/2014	01:10	0	---
20/03/2014	01:15	0	---
20/03/2014	01:20	0	---
20/03/2014	01:25	0	---
20/03/2014	01:30	0	---
20/03/2014	01:35	0	---
20/03/2014	01:40	0	---
20/03/2014	01:45	0	---
20/03/2014	01:50	0	---
20/03/2014	01:55	0	---
20/03/2014	02:00	0	---
20/03/2014	02:05	0	---
20/03/2014	02:10	0	---
20/03/2014	02:15	0	---
20/03/2014	02:20	0	---
20/03/2014	02:25	0	---
20/03/2014	02:30	0	---
20/03/2014	02:35	0	---
20/03/2014	02:40	0	---
20/03/2014	02:45	0	---
20/03/2014	02:50	0	---
20/03/2014	02:55	0	---
20/03/2014	03:00	0	---
20/03/2014	03:05	0	---
20/03/2014	03:10	0	---
20/03/2014	03:15	0	---
20/03/2014	03:20	0	---
20/03/2014	03:25	0	---
20/03/2014	03:30	0	---
20/03/2014	03:35	0	---
20/03/2014	03:40	0	---
20/03/2014	03:45	0	---
20/03/2014	03:50	0	---
20/03/2014	03:55	0	---
20/03/2014	04:00	0	SSE
20/03/2014	04:05	0	---
20/03/2014	04:10	0	---
20/03/2014	04:15	0	---
20/03/2014	04:20	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
20/03/2014	04:25	0	---	20/03/2014	07:40	0	---
20/03/2014	04:30	0	---	20/03/2014	07:45	0	---
20/03/2014	04:35	0	---	20/03/2014	07:50	0	---
20/03/2014	04:40	0	---	20/03/2014	07:55	0	---
20/03/2014	04:45	0	---	20/03/2014	08:00	0	---
20/03/2014	04:50	0	---	20/03/2014	08:05	0	---
20/03/2014	04:55	0	W	20/03/2014	08:10	0	---
20/03/2014	05:00	2	WNW	20/03/2014	08:15	0	---
20/03/2014	05:05	3	WNW	20/03/2014	08:20	0	---
20/03/2014	05:10	4	WNW	20/03/2014	08:25	0	---
20/03/2014	05:15	3	WNW	20/03/2014	08:30	0	---
20/03/2014	05:20	0	---	20/03/2014	08:35	0	---
20/03/2014	05:25	2	SE	20/03/2014	08:40	0	---
20/03/2014	05:30	2	SSE	20/03/2014	08:45	0	---
20/03/2014	05:35	2	SE	20/03/2014	08:50	0	---
20/03/2014	05:40	0	SE	20/03/2014	08:55	0	---
20/03/2014	05:45	0	---	20/03/2014	09:00	0	---
20/03/2014	05:50	0	---	20/03/2014	09:05	0	---
20/03/2014	05:55	0	---	20/03/2014	09:10	0	---
20/03/2014	06:00	0	---	20/03/2014	09:15	0	---
20/03/2014	06:05	0	---	20/03/2014	09:20	0	---
20/03/2014	06:10	0	---	20/03/2014	09:25	0	---
20/03/2014	06:15	0	---	20/03/2014	09:30	0	---
20/03/2014	06:20	0	---	20/03/2014	09:35	0	---
20/03/2014	06:25	0	---	20/03/2014	09:40	0	---
20/03/2014	06:30	0	---	20/03/2014	09:45	0	---
20/03/2014	06:35	0	---	20/03/2014	09:50	2	E
20/03/2014	06:40	0	---	20/03/2014	09:55	4	E
20/03/2014	06:45	0	---	20/03/2014	10:00	3	E
20/03/2014	06:50	0	---	20/03/2014	10:05	3	E
20/03/2014	06:55	0	---	20/03/2014	10:10	1	E
20/03/2014	07:00	0	---	20/03/2014	10:15	1	NE
20/03/2014	07:05	0	---	20/03/2014	10:20	0	NE
20/03/2014	07:10	0	---	20/03/2014	10:25	0	NE
20/03/2014	07:15	0	---	20/03/2014	10:30	0	---
20/03/2014	07:20	0	---	20/03/2014	10:35	1	NE
20/03/2014	07:25	0	---	20/03/2014	10:40	2	NE
20/03/2014	07:30	0	---	20/03/2014	10:45	1	NE
20/03/2014	07:35	0	---	20/03/2014	10:50	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
20/03/2014	10:55	0	---	20/03/2014	14:10	5	NNW
20/03/2014	11:00	0	---	20/03/2014	14:15	4	NNW
20/03/2014	11:05	0	---	20/03/2014	14:20	5	N
20/03/2014	11:10	4	NNW	20/03/2014	14:25	6	N
20/03/2014	11:15	6	N	20/03/2014	14:30	4	N
20/03/2014	11:20	5	N	20/03/2014	14:35	4	N
20/03/2014	11:25	3	N	20/03/2014	14:40	4	WNW
20/03/2014	11:30	4	N	20/03/2014	14:45	4	NNE
20/03/2014	11:35	3	NNE	20/03/2014	14:50	2	NNE
20/03/2014	11:40	4	NNW	20/03/2014	14:55	3	NNW
20/03/2014	11:45	4	N	20/03/2014	15:00	5	NNW
20/03/2014	11:50	3	N	20/03/2014	15:05	2	NNW
20/03/2014	11:55	3	N	20/03/2014	15:10	1	WNW
20/03/2014	12:00	3	N	20/03/2014	15:15	2	NNW
20/03/2014	12:05	5	N	20/03/2014	15:20	3	N
20/03/2014	12:10	6	N	20/03/2014	15:25	1	NW
20/03/2014	12:15	7	N	20/03/2014	15:30	0	W
20/03/2014	12:20	7	NNE	20/03/2014	15:35	1	N
20/03/2014	12:25	6	N	20/03/2014	15:40	3	W
20/03/2014	12:30	6	NNW	20/03/2014	15:45	2	N
20/03/2014	12:35	3	NNW	20/03/2014	15:50	3	WNW
20/03/2014	12:40	2	NNE	20/03/2014	15:55	3	NNW
20/03/2014	12:45	3	NE	20/03/2014	16:00	2	N
20/03/2014	12:50	2	N	20/03/2014	16:05	2	NW
20/03/2014	12:55	2	NE	20/03/2014	16:10	1	WNW
20/03/2014	13:00	1	NE	20/03/2014	16:15	2	W
20/03/2014	13:05	2	NNE	20/03/2014	16:20	1	W
20/03/2014	13:10	1	N	20/03/2014	16:25	0	N
20/03/2014	13:15	4	NNW	20/03/2014	16:30	3	NNW
20/03/2014	13:20	3	NNW	20/03/2014	16:35	3	NW
20/03/2014	13:25	3	NNW	20/03/2014	16:40	2	NNW
20/03/2014	13:30	3	N	20/03/2014	16:45	2	N
20/03/2014	13:35	3	NW	20/03/2014	16:50	2	NW
20/03/2014	13:40	1	WNW	20/03/2014	16:55	1	WSW
20/03/2014	13:45	2	N	20/03/2014	17:00	2	WSW
20/03/2014	13:50	5	N	20/03/2014	17:05	2	SSW
20/03/2014	13:55	5	NNW	20/03/2014	17:10	0	WNW
20/03/2014	14:00	6	NNW	20/03/2014	17:15	1	WSW
20/03/2014	14:05	7	NNW	20/03/2014	17:20	3	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
20/03/2014	17:25	1	W	20/03/2014	20:40	5	ESE
20/03/2014	17:30	1	NNW	20/03/2014	20:45	4	ESE
20/03/2014	17:35	3	NW	20/03/2014	20:50	4	SE
20/03/2014	17:40	2	WNW	20/03/2014	20:55	5	SE
20/03/2014	17:45	4	NNW	20/03/2014	21:00	3	ESE
20/03/2014	17:50	4	NE	20/03/2014	21:05	5	SSE
20/03/2014	17:55	5	NW	20/03/2014	21:10	7	ESE
20/03/2014	18:00	6	NNW	20/03/2014	21:15	6	E
20/03/2014	18:05	2	WNW	20/03/2014	21:20	8	E
20/03/2014	18:10	5	W	20/03/2014	21:25	5	ESE
20/03/2014	18:15	4	WNW	20/03/2014	21:30	4	SE
20/03/2014	18:20	3	WNW	20/03/2014	21:35	9	E
20/03/2014	18:25	3	WNW	20/03/2014	21:40	8	E
20/03/2014	18:30	4	NW	20/03/2014	21:45	7	ESE
20/03/2014	18:35	4	WNW	20/03/2014	21:50	6	ESE
20/03/2014	18:40	6	NNW	20/03/2014	21:55	7	ESE
20/03/2014	18:45	6	NW	20/03/2014	22:00	5	SE
20/03/2014	18:50	5	NNW	20/03/2014	22:05	5	SE
20/03/2014	18:55	3	NNW	20/03/2014	22:10	6	SE
20/03/2014	19:00	4	NW	20/03/2014	22:15	5	SE
20/03/2014	19:05	3	WNW	20/03/2014	22:20	5	SE
20/03/2014	19:10	3	WNW	20/03/2014	22:25	7	SE
20/03/2014	19:15	4	W	20/03/2014	22:30	6	SE
20/03/2014	19:20	4	W	20/03/2014	22:35	7	ESE
20/03/2014	19:25	1	S	20/03/2014	22:40	5	SE
20/03/2014	19:30	0	NNE	20/03/2014	22:45	6	SE
20/03/2014	19:35	0	---	20/03/2014	22:50	6	SE
20/03/2014	19:40	1	WNW	20/03/2014	22:55	6	SE
20/03/2014	19:45	2	NE	20/03/2014	23:00	6	SE
20/03/2014	19:50	3	NE	20/03/2014	23:05	6	SE
20/03/2014	19:55	5	NE	20/03/2014	23:10	7	SE
20/03/2014	20:00	2	E	20/03/2014	23:15	4	SE
20/03/2014	20:05	2	E	20/03/2014	23:20	4	SE
20/03/2014	20:10	2	NE	20/03/2014	23:25	5	SE
20/03/2014	20:15	6	E	20/03/2014	23:30	6	SE
20/03/2014	20:20	3	E	20/03/2014	23:35	6	SE
20/03/2014	20:25	6	E	20/03/2014	23:40	6	SSE
20/03/2014	20:30	6	SE	20/03/2014	23:45	4	SSE
20/03/2014	20:35	6	ESE	20/03/2014	23:50	5	SE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
21/03/2014	06:25	3	ESE	21/03/2014	09:40	3	ESE
21/03/2014	06:30	4	SE	21/03/2014	09:45	2	ESE
21/03/2014	06:35	4	SE	21/03/2014	09:50	1	SE
21/03/2014	06:40	5	SE	21/03/2014	09:55	2	SE
21/03/2014	06:45	4	SE	21/03/2014	10:00	3	SE
21/03/2014	06:50	3	ESE	21/03/2014	10:05	4	SE
21/03/2014	06:55	5	SE	21/03/2014	10:10	4	SE
21/03/2014	07:00	5	ESE	21/03/2014	10:15	2	ESE
21/03/2014	07:05	4	SE	21/03/2014	10:20	2	ESE
21/03/2014	07:10	5	SE	21/03/2014	10:25	3	E
21/03/2014	07:15	5	ESE	21/03/2014	10:30	3	ESE
21/03/2014	07:20	4	SE	21/03/2014	10:35	1	E
21/03/2014	07:25	4	SE	21/03/2014	10:40	1	ESE
21/03/2014	07:30	5	SE	21/03/2014	10:45	2	E
21/03/2014	07:35	7	SE	21/03/2014	10:50	1	SE
21/03/2014	07:40	6	SE	21/03/2014	10:55	3	E
21/03/2014	07:45	6	SE	21/03/2014	11:00	6	E
21/03/2014	07:50	5	SSE	21/03/2014	11:05	5	E
21/03/2014	07:55	5	SE	21/03/2014	11:10	4	E
21/03/2014	08:00	5	SE	21/03/2014	11:15	3	ESE
21/03/2014	08:05	6	SE	21/03/2014	11:20	4	E
21/03/2014	08:10	5	SE	21/03/2014	11:25	4	SSE
21/03/2014	08:15	4	SE	21/03/2014	11:30	6	E
21/03/2014	08:20	4	SE	21/03/2014	11:35	4	ESE
21/03/2014	08:25	5	SE	21/03/2014	11:40	5	E
21/03/2014	08:30	4	SE	21/03/2014	11:45	4	E
21/03/2014	08:35	4	ESE	21/03/2014	11:50	2	ESE
21/03/2014	08:40	4	ESE	21/03/2014	11:55	2	ENE
21/03/2014	08:45	5	SE	21/03/2014	12:00	2	ENE
21/03/2014	08:50	5	SE	21/03/2014	12:05	2	N
21/03/2014	08:55	5	SE	21/03/2014	12:10	0	E
21/03/2014	09:00	2	ESE	21/03/2014	12:15	2	SE
21/03/2014	09:05	4	SE	21/03/2014	12:20	1	SE
21/03/2014	09:10	2	SE	21/03/2014	12:25	1	S
21/03/2014	09:15	3	SE	21/03/2014	12:30	4	E
21/03/2014	09:20	3	SE	21/03/2014	12:35	5	ESE
21/03/2014	09:25	3	SE	21/03/2014	12:40	4	E
21/03/2014	09:30	3	ENE	21/03/2014	12:45	4	E
21/03/2014	09:35	2	E	21/03/2014	12:50	5	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
21/03/2014	12:55	5	ENE
21/03/2014	13:00	5	E
21/03/2014	13:05	4	E
21/03/2014	13:10	6	E
21/03/2014	13:15	5	ESE
21/03/2014	13:20	4	E
21/03/2014	13:25	4	E
21/03/2014	13:30	5	E
21/03/2014	13:35	4	E
21/03/2014	13:40	5	SE
21/03/2014	13:45	5	ESE
21/03/2014	13:50	4	ESE
21/03/2014	13:55	4	ESE
21/03/2014	14:00	4	ESE
21/03/2014	14:05	5	E
21/03/2014	14:10	4	ESE
21/03/2014	14:15	5	SE
21/03/2014	14:20	5	E
21/03/2014	14:25	4	ESE
21/03/2014	14:30	4	E
21/03/2014	14:35	5	E
21/03/2014	14:40	5	ESE
21/03/2014	14:45	5	E
21/03/2014	14:50	4	E
21/03/2014	14:55	4	ESE
21/03/2014	15:00	3	ESE
21/03/2014	15:05	4	E
21/03/2014	15:10	6	E
21/03/2014	15:15	7	E
21/03/2014	15:20	7	E
21/03/2014	15:25	6	E
21/03/2014	15:30	5	ENE
21/03/2014	15:35	5	E
21/03/2014	15:40	4	ENE
21/03/2014	15:45	4	SE
21/03/2014	15:50	6	SSE
21/03/2014	15:55	5	SSE
21/03/2014	16:00	5	SE
21/03/2014	16:05	5	SE
21/03/2014	16:10	5	SE
21/03/2014	16:15	5	ESE
21/03/2014	16:20	6	ESE
21/03/2014	16:25	6	SE
21/03/2014	16:30	6	SE
21/03/2014	16:35	8	SE
21/03/2014	16:40	8	SE
21/03/2014	16:45	6	SSE
21/03/2014	16:50	6	SE
21/03/2014	16:55	6	SE
21/03/2014	17:00	5	ESE
21/03/2014	17:05	4	ESE
21/03/2014	17:10	4	E
21/03/2014	17:15	6	E
21/03/2014	17:20	5	E
21/03/2014	17:25	5	E
21/03/2014	17:30	5	E
21/03/2014	17:35	5	E
21/03/2014	17:40	4	E
21/03/2014	17:45	2	ENE
21/03/2014	17:50	3	E
21/03/2014	17:55	3	E
21/03/2014	18:00	2	E
21/03/2014	18:05	3	E
21/03/2014	18:10	4	E
21/03/2014	18:15	6	E
21/03/2014	18:20	6	E
21/03/2014	18:25	6	E
21/03/2014	18:30	6	ESE
21/03/2014	18:35	5	SE
21/03/2014	18:40	6	SE
21/03/2014	18:45	6	SE
21/03/2014	18:50	6	SE
21/03/2014	18:55	7	SE
21/03/2014	19:00	6	SE
21/03/2014	19:05	6	SE
21/03/2014	19:10	5	SE
21/03/2014	19:15	6	SE
21/03/2014	19:20	7	SE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/03/2014	01:55	4	SE
22/03/2014	02:00	4	SE
22/03/2014	02:05	4	SE
22/03/2014	02:10	4	SE
22/03/2014	02:15	4	SE
22/03/2014	02:20	3	SSE
22/03/2014	02:25	4	SE
22/03/2014	02:30	3	SE
22/03/2014	02:35	3	SSE
22/03/2014	02:40	2	SSE
22/03/2014	02:45	2	SE
22/03/2014	02:50	4	SE
22/03/2014	02:55	3	SSE
22/03/2014	03:00	3	SSE
22/03/2014	03:05	2	SSE
22/03/2014	03:10	3	SE
22/03/2014	03:15	3	ESE
22/03/2014	03:20	4	SE
22/03/2014	03:25	4	SE
22/03/2014	03:30	5	ESE
22/03/2014	03:35	4	SE
22/03/2014	03:40	3	SE
22/03/2014	03:45	3	SE
22/03/2014	03:50	3	SE
22/03/2014	03:55	4	SE
22/03/2014	04:00	3	SE
22/03/2014	04:05	4	ESE
22/03/2014	04:10	3	SE
22/03/2014	04:15	4	ESE
22/03/2014	04:20	3	ESE
22/03/2014	04:25	3	SSE
22/03/2014	04:30	4	SE
22/03/2014	04:35	4	SE
22/03/2014	04:40	4	SE
22/03/2014	04:45	3	SE
22/03/2014	04:50	3	SE
22/03/2014	04:55	4	SE
22/03/2014	05:00	3	SE
22/03/2014	05:05	3	SE
22/03/2014	05:10	3	SE
22/03/2014	05:15	2	SSE
22/03/2014	05:20	4	ESE
22/03/2014	05:25	3	ESE
22/03/2014	05:30	2	ESE
22/03/2014	05:35	3	ESE
22/03/2014	05:40	1	SE
22/03/2014	05:45	2	ESE
22/03/2014	05:50	3	SE
22/03/2014	05:55	4	ESE
22/03/2014	06:00	3	SE
22/03/2014	06:05	4	SE
22/03/2014	06:10	5	SSE
22/03/2014	06:15	4	SSE
22/03/2014	06:20	3	SSE
22/03/2014	06:25	3	SSE
22/03/2014	06:30	5	SSE
22/03/2014	06:35	6	SSE
22/03/2014	06:40	5	SSE
22/03/2014	06:45	7	SSE
22/03/2014	06:50	6	SE
22/03/2014	06:55	6	SSE
22/03/2014	07:00	6	SE
22/03/2014	07:05	5	SSE
22/03/2014	07:10	4	SE
22/03/2014	07:15	5	SSE
22/03/2014	07:20	4	SSE
22/03/2014	07:25	4	SSE
22/03/2014	07:30	5	SSE
22/03/2014	07:35	6	SSE
22/03/2014	07:40	5	SSE
22/03/2014	07:45	4	SE
22/03/2014	07:50	4	SE
22/03/2014	07:55	3	SE
22/03/2014	08:00	3	SSE
22/03/2014	08:05	4	SE
22/03/2014	08:10	5	SSE
22/03/2014	08:15	6	SSE
22/03/2014	08:20	5	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/03/2014	08:25	5	SSE	22/03/2014	11:40	5	ENE
22/03/2014	08:30	3	SSE	22/03/2014	11:45	6	E
22/03/2014	08:35	5	SSE	22/03/2014	11:50	6	E
22/03/2014	08:40	4	SE	22/03/2014	11:55	6	E
22/03/2014	08:45	6	SE	22/03/2014	12:00	6	E
22/03/2014	08:50	5	SSE	22/03/2014	12:05	4	E
22/03/2014	08:55	3	SSE	22/03/2014	12:10	5	E
22/03/2014	09:00	5	SSE	22/03/2014	12:15	4	E
22/03/2014	09:05	5	SE	22/03/2014	12:20	4	E
22/03/2014	09:10	5	SE	22/03/2014	12:25	6	E
22/03/2014	09:15	4	SE	22/03/2014	12:30	5	E
22/03/2014	09:20	5	SE	22/03/2014	12:35	6	E
22/03/2014	09:25	5	SE	22/03/2014	12:40	5	E
22/03/2014	09:30	4	SSE	22/03/2014	12:45	5	E
22/03/2014	09:35	6	SSE	22/03/2014	12:50	4	ENE
22/03/2014	09:40	6	SSE	22/03/2014	12:55	4	ENE
22/03/2014	09:45	3	SSE	22/03/2014	13:00	4	ENE
22/03/2014	09:50	6	SSE	22/03/2014	13:05	3	ENE
22/03/2014	09:55	6	SSE	22/03/2014	13:10	4	ENE
22/03/2014	10:00	6	SSE	22/03/2014	13:15	3	ENE
22/03/2014	10:05	6	SSE	22/03/2014	13:20	3	ENE
22/03/2014	10:10	6	SSE	22/03/2014	13:25	3	E
22/03/2014	10:15	6	SSE	22/03/2014	13:30	5	E
22/03/2014	10:20	6	SSE	22/03/2014	13:35	3	E
22/03/2014	10:25	6	SE	22/03/2014	13:40	4	E
22/03/2014	10:30	4	ESE	22/03/2014	13:45	2	ENE
22/03/2014	10:35	4	ESE	22/03/2014	13:50	3	ENE
22/03/2014	10:40	6	ESE	22/03/2014	13:55	3	ENE
22/03/2014	10:45	5	E	22/03/2014	14:00	4	NE
22/03/2014	10:50	7	E	22/03/2014	14:05	9	NNW
22/03/2014	10:55	6	E	22/03/2014	14:10	9	N
22/03/2014	11:00	7	E	22/03/2014	14:15	7	NNW
22/03/2014	11:05	9	ESE	22/03/2014	14:20	8	N
22/03/2014	11:10	7	E	22/03/2014	14:25	9	N
22/03/2014	11:15	6	E	22/03/2014	14:30	11	N
22/03/2014	11:20	6	E	22/03/2014	14:35	10	NNW
22/03/2014	11:25	5	E	22/03/2014	14:40	11	NNW
22/03/2014	11:30	5	E	22/03/2014	14:45	10	N
22/03/2014	11:35	5	ENE	22/03/2014	14:50	9	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/03/2014	14:55	8	NNW	22/03/2014	18:10	5	SSE
22/03/2014	15:00	8	NNW	22/03/2014	18:15	6	SSE
22/03/2014	15:05	10	NNW	22/03/2014	18:20	4	SSE
22/03/2014	15:10	10	NNW	22/03/2014	18:25	5	SE
22/03/2014	15:15	8	NNW	22/03/2014	18:30	6	ESE
22/03/2014	15:20	9	NNW	22/03/2014	18:35	4	ESE
22/03/2014	15:25	8	NNW	22/03/2014	18:40	3	S
22/03/2014	15:30	7	NNW	22/03/2014	18:45	3	SSE
22/03/2014	15:35	7	NNW	22/03/2014	18:50	5	SSE
22/03/2014	15:40	7	NNW	22/03/2014	18:55	4	SE
22/03/2014	15:45	3	NNW	22/03/2014	19:00	2	SSE
22/03/2014	15:50	4	N	22/03/2014	19:05	3	E
22/03/2014	15:55	6	N	22/03/2014	19:10	2	E
22/03/2014	16:00	3	NNE	22/03/2014	19:15	2	ENE
22/03/2014	16:05	3	NE	22/03/2014	19:20	1	ENE
22/03/2014	16:10	4	ESE	22/03/2014	19:25	2	SE
22/03/2014	16:15	3	E	22/03/2014	19:30	3	E
22/03/2014	16:20	4	E	22/03/2014	19:35	1	SSE
22/03/2014	16:25	3	ENE	22/03/2014	19:40	3	SE
22/03/2014	16:30	6	ENE	22/03/2014	19:45	3	E
22/03/2014	16:35	6	ENE	22/03/2014	19:50	5	SSE
22/03/2014	16:40	4	ENE	22/03/2014	19:55	5	SE
22/03/2014	16:45	5	E	22/03/2014	20:00	4	SSE
22/03/2014	16:50	4	E	22/03/2014	20:05	4	SSE
22/03/2014	16:55	4	ENE	22/03/2014	20:10	6	SSE
22/03/2014	17:00	3	E	22/03/2014	20:15	7	SE
22/03/2014	17:05	3	E	22/03/2014	20:20	5	SE
22/03/2014	17:10	3	E	22/03/2014	20:25	7	SSE
22/03/2014	17:15	3	E	22/03/2014	20:30	6	SSE
22/03/2014	17:20	5	ESE	22/03/2014	20:35	7	SSE
22/03/2014	17:25	4	ESE	22/03/2014	20:40	5	SSE
22/03/2014	17:30	6	ESE	22/03/2014	20:45	5	SSE
22/03/2014	17:35	5	ESE	22/03/2014	20:50	6	SE
22/03/2014	17:40	3	SE	22/03/2014	20:55	6	SSE
22/03/2014	17:45	3	SE	22/03/2014	21:00	6	SSE
22/03/2014	17:50	2	ESE	22/03/2014	21:05	5	SE
22/03/2014	17:55	3	SSE	22/03/2014	21:10	4	SSE
22/03/2014	18:00	3	SSE	22/03/2014	21:15	6	SSE
22/03/2014	18:05	4	SSE	22/03/2014	21:20	4	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/03/2014	21:25	3	S
22/03/2014	21:30	5	SE
22/03/2014	21:35	6	SE
22/03/2014	21:40	4	SSE
22/03/2014	21:45	4	ESE
22/03/2014	21:50	5	SE
22/03/2014	21:55	6	SE
22/03/2014	22:00	7	SE
22/03/2014	22:05	7	SSE
22/03/2014	22:10	5	SE
22/03/2014	22:15	5	SE
22/03/2014	22:20	7	SE
22/03/2014	22:25	5	ESE
22/03/2014	22:30	6	SE
22/03/2014	22:35	7	SSE
22/03/2014	22:40	9	SE
22/03/2014	22:45	7	SSE
22/03/2014	22:50	6	SE
22/03/2014	22:55	8	SE
22/03/2014	23:00	7	SSE
22/03/2014	23:05	10	SE
22/03/2014	23:10	10	SSE
22/03/2014	23:15	7	S
22/03/2014	23:20	10	SE
22/03/2014	23:25	10	SSE
22/03/2014	23:30	10	SSE
22/03/2014	23:35	10	SSE
22/03/2014	23:40	7	SSE
22/03/2014	23:45	8	SE
22/03/2014	23:50	8	SE
22/03/2014	23:55	9	SE
23/03/2014	00:00	6	SE
23/03/2014	00:05	8	SE
23/03/2014	00:10	9	SE
23/03/2014	00:15	9	SE
23/03/2014	00:20	10	SE
23/03/2014	00:25	12	SE
23/03/2014	00:30	12	SE
23/03/2014	00:35	11	SE
23/03/2014	00:40	8	SE
23/03/2014	00:45	10	SE
23/03/2014	00:50	9	SE
23/03/2014	00:55	10	SE
23/03/2014	01:00	9	SE
23/03/2014	01:05	9	SE
23/03/2014	01:10	9	SE
23/03/2014	01:15	9	SSE
23/03/2014	01:20	9	SE
23/03/2014	01:25	11	SSE
23/03/2014	01:30	13	SE
23/03/2014	01:35	11	SSE
23/03/2014	01:40	14	SSE
23/03/2014	01:45	12	SE
23/03/2014	01:50	12	SSE
23/03/2014	01:55	13	SSE
23/03/2014	02:00	10	SE
23/03/2014	02:05	10	SE
23/03/2014	02:10	11	SE
23/03/2014	02:15	14	SE
23/03/2014	02:20	14	SE
23/03/2014	02:25	11	SE
23/03/2014	02:30	8	SE
23/03/2014	02:35	12	SE
23/03/2014	02:40	8	SE
23/03/2014	02:45	12	SE
23/03/2014	02:50	10	SE
23/03/2014	02:55	12	SSE
23/03/2014	03:00	12	SSE
23/03/2014	03:05	13	SE
23/03/2014	03:10	11	SSE
23/03/2014	03:15	11	SSE
23/03/2014	03:20	13	SSE
23/03/2014	03:25	10	SE
23/03/2014	03:30	10	SSE
23/03/2014	03:35	12	SSE
23/03/2014	03:40	10	SSE
23/03/2014	03:45	10	SSE
23/03/2014	03:50	13	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/03/2014	03:55	11	SSE	23/03/2014	07:10	5	SE
23/03/2014	04:00	10	SSE	23/03/2014	07:15	4	SE
23/03/2014	04:05	10	SSE	23/03/2014	07:20	4	SSE
23/03/2014	04:10	12	SSE	23/03/2014	07:25	5	SE
23/03/2014	04:15	11	SSE	23/03/2014	07:30	4	SE
23/03/2014	04:20	10	SSE	23/03/2014	07:35	5	SE
23/03/2014	04:25	11	SSE	23/03/2014	07:40	5	ESE
23/03/2014	04:30	13	SSE	23/03/2014	07:45	3	E
23/03/2014	04:35	11	SSE	23/03/2014	07:50	2	ENE
23/03/2014	04:40	12	SSE	23/03/2014	07:55	4	E
23/03/2014	04:45	10	SSE	23/03/2014	08:00	2	SE
23/03/2014	04:50	10	SSE	23/03/2014	08:05	4	E
23/03/2014	04:55	10	SSE	23/03/2014	08:10	5	SE
23/03/2014	05:00	11	SSE	23/03/2014	08:15	5	SSE
23/03/2014	05:05	11	SSE	23/03/2014	08:20	5	SSE
23/03/2014	05:10	11	SSE	23/03/2014	08:25	6	SE
23/03/2014	05:15	10	SSE	23/03/2014	08:30	6	SE
23/03/2014	05:20	11	SSE	23/03/2014	08:35	6	SE
23/03/2014	05:25	11	SSE	23/03/2014	08:40	6	SE
23/03/2014	05:30	11	SSE	23/03/2014	08:45	5	SE
23/03/2014	05:35	11	SSE	23/03/2014	08:50	4	E
23/03/2014	05:40	9	SSE	23/03/2014	08:55	7	ESE
23/03/2014	05:45	11	SSE	23/03/2014	09:00	4	SSE
23/03/2014	05:50	10	SSE	23/03/2014	09:05	8	SE
23/03/2014	05:55	9	SSE	23/03/2014	09:10	6	SE
23/03/2014	06:00	7	SSE	23/03/2014	09:15	4	SE
23/03/2014	06:05	6	SE	23/03/2014	09:20	7	ESE
23/03/2014	06:10	7	SE	23/03/2014	09:25	6	E
23/03/2014	06:15	7	SE	23/03/2014	09:30	5	ESE
23/03/2014	06:20	8	SE	23/03/2014	09:35	6	ESE
23/03/2014	06:25	5	SE	23/03/2014	09:40	7	SE
23/03/2014	06:30	4	ESE	23/03/2014	09:45	5	SE
23/03/2014	06:35	3	ENE	23/03/2014	09:50	8	SE
23/03/2014	06:40	4	ESE	23/03/2014	09:55	4	ESE
23/03/2014	06:45	6	E	23/03/2014	10:00	8	SE
23/03/2014	06:50	3	ESE	23/03/2014	10:05	6	ESE
23/03/2014	06:55	6	SE	23/03/2014	10:10	7	SE
23/03/2014	07:00	8	SE	23/03/2014	10:15	8	SSE
23/03/2014	07:05	7	SSE	23/03/2014	10:20	7	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/03/2014	10:25	8	SSE	23/03/2014	13:40	9	SSE
23/03/2014	10:30	8	SE	23/03/2014	13:45	9	SSE
23/03/2014	10:35	6	SSE	23/03/2014	13:50	7	SSE
23/03/2014	10:40	7	SSE	23/03/2014	13:55	8	SSE
23/03/2014	10:45	8	SE	23/03/2014	14:00	7	SSE
23/03/2014	10:50	7	SSE	23/03/2014	14:05	7	SSE
23/03/2014	10:55	6	SSE	23/03/2014	14:10	10	SSE
23/03/2014	11:00	5	S	23/03/2014	14:15	10	SSE
23/03/2014	11:05	7	S	23/03/2014	14:20	8	SE
23/03/2014	11:10	7	SE	23/03/2014	14:25	8	SSE
23/03/2014	11:15	8	SSE	23/03/2014	14:30	8	SSE
23/03/2014	11:20	3	SSE	23/03/2014	14:35	9	SSE
23/03/2014	11:25	6	SSE	23/03/2014	14:40	7	SE
23/03/2014	11:30	2	S	23/03/2014	14:45	11	SSE
23/03/2014	11:35	4	SSE	23/03/2014	14:50	9	SSE
23/03/2014	11:40	5	SSE	23/03/2014	14:55	6	SSE
23/03/2014	11:45	4	E	23/03/2014	15:00	7	SE
23/03/2014	11:50	4	E	23/03/2014	15:05	4	SSW
23/03/2014	11:55	6	SSE	23/03/2014	15:10	6	SE
23/03/2014	12:00	5	SSE	23/03/2014	15:15	5	SW
23/03/2014	12:05	5	SSW	23/03/2014	15:20	7	SSE
23/03/2014	12:10	7	SE	23/03/2014	15:25	4	SE
23/03/2014	12:15	5	SSE	23/03/2014	15:30	7	SSE
23/03/2014	12:20	5	S	23/03/2014	15:35	4	SSE
23/03/2014	12:25	6	SSE	23/03/2014	15:40	5	SSE
23/03/2014	12:30	7	ESE	23/03/2014	15:45	6	SE
23/03/2014	12:35	6	ESE	23/03/2014	15:50	5	ESE
23/03/2014	12:40	6	SSE	23/03/2014	15:55	3	SE
23/03/2014	12:45	5	ESE	23/03/2014	16:00	5	SE
23/03/2014	12:50	8	ESE	23/03/2014	16:05	4	ESE
23/03/2014	12:55	8	SE	23/03/2014	16:10	3	SSE
23/03/2014	13:00	8	SE	23/03/2014	16:15	6	ESE
23/03/2014	13:05	7	SE	23/03/2014	16:20	9	SE
23/03/2014	13:10	8	SSE	23/03/2014	16:25	5	SE
23/03/2014	13:15	8	SE	23/03/2014	16:30	4	E
23/03/2014	13:20	6	SSE	23/03/2014	16:35	6	SE
23/03/2014	13:25	9	SE	23/03/2014	16:40	7	E
23/03/2014	13:30	7	S	23/03/2014	16:45	7	SE
23/03/2014	13:35	8	SE	23/03/2014	16:50	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/03/2014	16:55	6	SE	23/03/2014	20:10	3	SE
23/03/2014	17:00	7	SE	23/03/2014	20:15	2	SSE
23/03/2014	17:05	6	SE	23/03/2014	20:20	3	SSE
23/03/2014	17:10	6	ESE	23/03/2014	20:25	4	SSE
23/03/2014	17:15	6	ESE	23/03/2014	20:30	4	SE
23/03/2014	17:20	3	E	23/03/2014	20:35	3	ESE
23/03/2014	17:25	6	ESE	23/03/2014	20:40	4	SE
23/03/2014	17:30	7	ESE	23/03/2014	20:45	2	ESE
23/03/2014	17:35	6	SE	23/03/2014	20:50	3	SE
23/03/2014	17:40	8	ESE	23/03/2014	20:55	3	SE
23/03/2014	17:45	7	SE	23/03/2014	21:00	3	SE
23/03/2014	17:50	6	ESE	23/03/2014	21:05	4	SE
23/03/2014	17:55	4	SE	23/03/2014	21:10	5	SE
23/03/2014	18:00	9	SE	23/03/2014	21:15	2	ENE
23/03/2014	18:05	7	SE	23/03/2014	21:20	2	NNW
23/03/2014	18:10	7	SE	23/03/2014	21:25	3	SSE
23/03/2014	18:15	6	SE	23/03/2014	21:30	6	SE
23/03/2014	18:20	7	SE	23/03/2014	21:35	7	SSE
23/03/2014	18:25	6	SSE	23/03/2014	21:40	5	SSE
23/03/2014	18:30	7	SSE	23/03/2014	21:45	6	SSE
23/03/2014	18:35	7	SE	23/03/2014	21:50	7	S
23/03/2014	18:40	8	SSE	23/03/2014	21:55	4	SSE
23/03/2014	18:45	7	SSE	23/03/2014	22:00	2	SE
23/03/2014	18:50	6	SSE	23/03/2014	22:05	7	SE
23/03/2014	18:55	4	SSE	23/03/2014	22:10	7	SSE
23/03/2014	19:00	4	SE	23/03/2014	22:15	6	SSE
23/03/2014	19:05	3	ESE	23/03/2014	22:20	7	SSE
23/03/2014	19:10	8	SSE	23/03/2014	22:25	7	SSE
23/03/2014	19:15	6	SE	23/03/2014	22:30	11	SE
23/03/2014	19:20	5	SE	23/03/2014	22:35	7	SE
23/03/2014	19:25	6	SSE	23/03/2014	22:40	8	SE
23/03/2014	19:30	3	SE	23/03/2014	22:45	11	SE
23/03/2014	19:35	4	SE	23/03/2014	22:50	9	SE
23/03/2014	19:40	6	SE	23/03/2014	22:55	9	SE
23/03/2014	19:45	6	SE	23/03/2014	23:00	8	SE
23/03/2014	19:50	6	SE	23/03/2014	23:05	9	SE
23/03/2014	19:55	4	SSE	23/03/2014	23:10	7	SSE
23/03/2014	20:00	4	SE	23/03/2014	23:15	9	SE
23/03/2014	20:05	2	SE	23/03/2014	23:20	9	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/03/2014	23:25	7	SE	24/03/2014	02:40	11	SSE
23/03/2014	23:30	8	SSE	24/03/2014	02:45	13	SSE
23/03/2014	23:35	9	SE	24/03/2014	02:50	12	SE
23/03/2014	23:40	7	SE	24/03/2014	02:55	13	SSE
23/03/2014	23:45	10	SE	24/03/2014	03:00	14	SSE
23/03/2014	23:50	9	SSE	24/03/2014	03:05	14	SSE
23/03/2014	23:55	7	SSE	24/03/2014	03:10	14	SE
24/03/2014	00:00	8	SE	24/03/2014	03:15	13	SSE
24/03/2014	00:05	6	SE	24/03/2014	03:20	13	SSE
24/03/2014	00:10	8	SE	24/03/2014	03:25	10	SSE
24/03/2014	00:15	9	SE	24/03/2014	03:30	12	SSE
24/03/2014	00:20	10	SE	24/03/2014	03:35	11	SSE
24/03/2014	00:25	8	SSE	24/03/2014	03:40	14	SSE
24/03/2014	00:30	10	SSE	24/03/2014	03:45	12	SSE
24/03/2014	00:35	12	SSE	24/03/2014	03:50	15	SSE
24/03/2014	00:40	8	SE	24/03/2014	03:55	17	SE
24/03/2014	00:45	7	SE	24/03/2014	04:00	15	SE
24/03/2014	00:50	7	SE	24/03/2014	04:05	14	SSE
24/03/2014	00:55	7	SE	24/03/2014	04:10	15	SE
24/03/2014	01:00	5	SE	24/03/2014	04:15	13	SSE
24/03/2014	01:05	9	SSE	24/03/2014	04:20	14	SSE
24/03/2014	01:10	7	SE	24/03/2014	04:25	11	SE
24/03/2014	01:15	6	SE	24/03/2014	04:30	11	SE
24/03/2014	01:20	3	SE	24/03/2014	04:35	12	SE
24/03/2014	01:25	5	N	24/03/2014	04:40	10	SE
24/03/2014	01:30	4	NNW	24/03/2014	04:45	13	SSE
24/03/2014	01:35	3	ENE	24/03/2014	04:50	11	SE
24/03/2014	01:40	4	SSE	24/03/2014	04:55	11	SE
24/03/2014	01:45	3	ENE	24/03/2014	05:00	13	SSE
24/03/2014	01:50	4	ENE	24/03/2014	05:05	12	SSE
24/03/2014	01:55	6	ESE	24/03/2014	05:10	18	SSE
24/03/2014	02:00	4	SE	24/03/2014	05:15	15	SE
24/03/2014	02:05	4	ESE	24/03/2014	05:20	16	SSE
24/03/2014	02:10	6	SSE	24/03/2014	05:25	19	SE
24/03/2014	02:15	5	SE	24/03/2014	05:30	13	SE
24/03/2014	02:20	7	SE	24/03/2014	05:35	15	SSE
24/03/2014	02:25	9	SSE	24/03/2014	05:40	13	SE
24/03/2014	02:30	9	SSE	24/03/2014	05:45	13	SSE
24/03/2014	02:35	11	SSE	24/03/2014	05:50	14	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/03/2014	05:55	12	SSE	24/03/2014	09:10	7	ESE
24/03/2014	06:00	15	SSE	24/03/2014	09:15	5	SE
24/03/2014	06:05	14	SSE	24/03/2014	09:20	4	SSE
24/03/2014	06:10	14	SSE	24/03/2014	09:25	5	SSE
24/03/2014	06:15	14	SSE	24/03/2014	09:30	7	SE
24/03/2014	06:20	11	SE	24/03/2014	09:35	7	SE
24/03/2014	06:25	12	SE	24/03/2014	09:40	7	ESE
24/03/2014	06:30	13	SSE	24/03/2014	09:45	7	SE
24/03/2014	06:35	12	SSE	24/03/2014	09:50	5	SE
24/03/2014	06:40	10	SE	24/03/2014	09:55	5	SE
24/03/2014	06:45	12	SSE	24/03/2014	10:00	6	ESE
24/03/2014	06:50	13	SSE	24/03/2014	10:05	7	SE
24/03/2014	06:55	14	SSE	24/03/2014	10:10	8	SE
24/03/2014	07:00	11	SSE	24/03/2014	10:15	6	SE
24/03/2014	07:05	13	SE	24/03/2014	10:20	7	SSE
24/03/2014	07:10	13	SSE	24/03/2014	10:25	8	SSE
24/03/2014	07:15	10	SSE	24/03/2014	10:30	6	SSE
24/03/2014	07:20	8	SE	24/03/2014	10:35	4	ESE
24/03/2014	07:25	9	SE	24/03/2014	10:40	7	SE
24/03/2014	07:30	7	SSE	24/03/2014	10:45	9	SE
24/03/2014	07:35	10	SE	24/03/2014	10:50	7	SSE
24/03/2014	07:40	9	SSE	24/03/2014	10:55	8	SSE
24/03/2014	07:45	6	SE	24/03/2014	11:00	7	SSE
24/03/2014	07:50	8	SE	24/03/2014	11:05	5	SSE
24/03/2014	07:55	7	E	24/03/2014	11:10	8	SSE
24/03/2014	08:00	10	SSE	24/03/2014	11:15	7	SSE
24/03/2014	08:05	8	SE	24/03/2014	11:20	7	SSE
24/03/2014	08:10	8	SE	24/03/2014	11:25	7	SSE
24/03/2014	08:15	7	SE	24/03/2014	11:30	8	SSE
24/03/2014	08:20	6	SSE	24/03/2014	11:35	6	SSE
24/03/2014	08:25	8	SE	24/03/2014	11:40	8	SSE
24/03/2014	08:30	7	ESE	24/03/2014	11:45	7	SSE
24/03/2014	08:35	8	ESE	24/03/2014	11:50	6	SSE
24/03/2014	08:40	6	ESE	24/03/2014	11:55	6	SE
24/03/2014	08:45	8	SSE	24/03/2014	12:00	8	SE
24/03/2014	08:50	7	ESE	24/03/2014	12:05	7	SE
24/03/2014	08:55	7	ESE	24/03/2014	12:10	7	SSE
24/03/2014	09:00	9	ESE	24/03/2014	12:15	7	SSE
24/03/2014	09:05	8	SE	24/03/2014	12:20	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/03/2014	12:25	7	SSE
24/03/2014	12:30	5	SSE
24/03/2014	12:35	5	SE
24/03/2014	12:40	5	SE
24/03/2014	12:45	7	SSE
24/03/2014	12:50	7	SSE
24/03/2014	12:55	8	SSE
24/03/2014	13:00	6	SSE
24/03/2014	13:05	6	SE
24/03/2014	13:10	6	ESE
24/03/2014	13:15	7	SE
24/03/2014	13:20	6	ESE
24/03/2014	13:25	6	SE
24/03/2014	13:30	6	E
24/03/2014	13:35	6	E
24/03/2014	13:40	7	E
24/03/2014	13:45	6	ENE
24/03/2014	13:50	6	ENE
24/03/2014	13:55	4	ENE
24/03/2014	14:00	6	E
24/03/2014	14:05	3	SE
24/03/2014	14:10	4	E
24/03/2014	14:15	3	E
24/03/2014	14:20	5	E
24/03/2014	14:25	4	E
24/03/2014	14:30	3	ENE
24/03/2014	14:35	3	NE
24/03/2014	14:40	5	ENE
24/03/2014	14:45	5	ENE
24/03/2014	14:50	4	ENE
24/03/2014	14:55	5	ENE
24/03/2014	15:00	3	ENE
24/03/2014	15:05	5	ENE
24/03/2014	15:10	2	NE
24/03/2014	15:15	5	SSE
24/03/2014	15:20	6	SE
24/03/2014	15:25	6	SE
24/03/2014	15:30	6	SE
24/03/2014	15:35	7	ESE
24/03/2014	15:40	5	ESE
24/03/2014	15:45	5	SE
24/03/2014	15:50	6	E
24/03/2014	15:55	6	SE
24/03/2014	16:00	7	SE
24/03/2014	16:05	8	SE
24/03/2014	16:10	8	SE
24/03/2014	16:15	6	SE
24/03/2014	16:20	7	SE
24/03/2014	16:25	7	SE
24/03/2014	16:30	7	ESE
24/03/2014	16:35	5	SE
24/03/2014	16:40	4	SE
24/03/2014	16:45	6	SE
24/03/2014	16:50	8	SE
24/03/2014	16:55	8	SE
24/03/2014	17:00	9	SE
24/03/2014	17:05	7	SE
24/03/2014	17:10	8	SE
24/03/2014	17:15	9	SE
24/03/2014	17:20	9	SE
24/03/2014	17:25	8	SE
24/03/2014	17:30	8	SE
24/03/2014	17:35	9	SE
24/03/2014	17:40	9	SE
24/03/2014	17:45	7	SE
24/03/2014	17:50	6	SE
24/03/2014	17:55	6	SE
24/03/2014	18:00	5	SSE
24/03/2014	18:05	5	SSE
24/03/2014	18:10	5	SE
24/03/2014	18:15	6	SE
24/03/2014	18:20	5	ESE
24/03/2014	18:25	5	E
24/03/2014	18:30	7	ESE
24/03/2014	18:35	7	SE
24/03/2014	18:40	7	SE
24/03/2014	18:45	7	SE
24/03/2014	18:50	7	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/03/2014	18:55	7	SE
24/03/2014	19:00	6	SSE
24/03/2014	19:05	6	S
24/03/2014	19:10	5	SSE
24/03/2014	19:15	3	SSE
24/03/2014	19:20	4	SSE
24/03/2014	19:25	2	SSE
24/03/2014	19:30	2	ESE
24/03/2014	19:35	3	SE
24/03/2014	19:40	3	SSE
24/03/2014	19:45	4	SE
24/03/2014	19:50	5	SE
24/03/2014	19:55	5	SE
24/03/2014	20:00	5	SE
24/03/2014	20:05	5	SE
24/03/2014	20:10	5	SE
24/03/2014	20:15	7	SE
24/03/2014	20:20	7	SSE
24/03/2014	20:25	7	SSE
24/03/2014	20:30	4	SE
24/03/2014	20:35	3	SE
24/03/2014	20:40	4	SE
24/03/2014	20:45	5	SE
24/03/2014	20:50	6	SSE
24/03/2014	20:55	2	SSE
24/03/2014	21:00	4	SE
24/03/2014	21:05	4	SE
24/03/2014	21:10	5	SSE
24/03/2014	21:15	6	SE
24/03/2014	21:20	5	SE
24/03/2014	21:25	7	SE
24/03/2014	21:30	5	SE
24/03/2014	21:35	7	SE
24/03/2014	21:40	8	SE
24/03/2014	21:45	7	SE
24/03/2014	21:50	6	ESE
24/03/2014	21:55	4	SW
24/03/2014	22:00	0	W
24/03/2014	22:05	3	W
24/03/2014	22:10	2	NW
24/03/2014	22:15	2	NNW
24/03/2014	22:20	8	NNW
24/03/2014	22:25	7	NNW
24/03/2014	22:30	6	NNE
24/03/2014	22:35	7	NNW
24/03/2014	22:40	3	NE
24/03/2014	22:45	4	NNE
24/03/2014	22:50	6	NNE
24/03/2014	22:55	5	N
24/03/2014	23:00	4	NNE
24/03/2014	23:05	4	NE
24/03/2014	23:10	5	NE
24/03/2014	23:15	4	N
24/03/2014	23:20	5	NE
24/03/2014	23:25	4	ENE
24/03/2014	23:30	4	NNE
24/03/2014	23:35	2	NNE
24/03/2014	23:40	4	NNW
24/03/2014	23:45	7	NNE
24/03/2014	23:50	5	NE
24/03/2014	23:55	6	NE
25/03/2014	00:00	4	NE
25/03/2014	00:05	3	ESE
25/03/2014	00:10	6	NNW
25/03/2014	00:15	5	NW
25/03/2014	00:20	3	N
25/03/2014	00:25	5	NNW
25/03/2014	00:30	5	N
25/03/2014	00:35	5	NW
25/03/2014	00:40	1	NNW
25/03/2014	00:45	2	NW
25/03/2014	00:50	2	NW
25/03/2014	00:55	5	NW
25/03/2014	01:00	6	NNW
25/03/2014	01:05	6	NNW
25/03/2014	01:10	6	NNW
25/03/2014	01:15	5	NNW
25/03/2014	01:20	7	NNW

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/03/2014	07:55	0	---	25/03/2014	11:10	4	E
25/03/2014	08:00	0	---	25/03/2014	11:15	2	E
25/03/2014	08:05	0	---	25/03/2014	11:20	2	E
25/03/2014	08:10	0	---	25/03/2014	11:25	2	E
25/03/2014	08:15	0	---	25/03/2014	11:30	1	E
25/03/2014	08:20	0	NE	25/03/2014	11:35	2	E
25/03/2014	08:25	1	NE	25/03/2014	11:40	3	E
25/03/2014	08:30	0	---	25/03/2014	11:45	2	E
25/03/2014	08:35	0	---	25/03/2014	11:50	2	E
25/03/2014	08:40	1	ENE	25/03/2014	11:55	2	E
25/03/2014	08:45	2	E	25/03/2014	12:00	2	ESE
25/03/2014	08:50	1	ENE	25/03/2014	12:05	3	NE
25/03/2014	08:55	0	ENE	25/03/2014	12:10	5	NNE
25/03/2014	09:00	0	---	25/03/2014	12:15	4	NNE
25/03/2014	09:05	0	---	25/03/2014	12:20	5	NNW
25/03/2014	09:10	1	NNE	25/03/2014	12:25	5	N
25/03/2014	09:15	1	N	25/03/2014	12:30	3	N
25/03/2014	09:20	2	NNE	25/03/2014	12:35	4	NNE
25/03/2014	09:25	2	N	25/03/2014	12:40	3	NNE
25/03/2014	09:30	2	N	25/03/2014	12:45	5	E
25/03/2014	09:35	2	NNE	25/03/2014	12:50	4	E
25/03/2014	09:40	1	NE	25/03/2014	12:55	5	E
25/03/2014	09:45	2	NE	25/03/2014	13:00	6	E
25/03/2014	09:50	1	NNE	25/03/2014	13:05	6	E
25/03/2014	09:55	2	ENE	25/03/2014	13:10	5	E
25/03/2014	10:00	3	E	25/03/2014	13:15	4	E
25/03/2014	10:05	3	E	25/03/2014	13:20	5	E
25/03/2014	10:10	4	E	25/03/2014	13:25	6	E
25/03/2014	10:15	3	E	25/03/2014	13:30	4	E
25/03/2014	10:20	3	E	25/03/2014	13:35	3	NE
25/03/2014	10:25	3	ESE	25/03/2014	13:40	5	N
25/03/2014	10:30	4	E	25/03/2014	13:45	5	N
25/03/2014	10:35	6	E	25/03/2014	13:50	4	N
25/03/2014	10:40	5	E	25/03/2014	13:55	3	N
25/03/2014	10:45	4	E	25/03/2014	14:00	3	NNE
25/03/2014	10:50	5	E	25/03/2014	14:05	3	ENE
25/03/2014	10:55	4	E	25/03/2014	14:10	2	ENE
25/03/2014	11:00	3	E	25/03/2014	14:15	4	SE
25/03/2014	11:05	4	E	25/03/2014	14:20	6	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/03/2014	14:25	5	SE	25/03/2014	17:40	2	NNE
25/03/2014	14:30	4	ESE	25/03/2014	17:45	4	NNW
25/03/2014	14:35	5	E	25/03/2014	17:50	5	NNW
25/03/2014	14:40	5	E	25/03/2014	17:55	6	NNW
25/03/2014	14:45	6	E	25/03/2014	18:00	6	NNW
25/03/2014	14:50	7	E	25/03/2014	18:05	4	NNW
25/03/2014	14:55	5	ENE	25/03/2014	18:10	2	NNW
25/03/2014	15:00	5	ENE	25/03/2014	18:15	1	N
25/03/2014	15:05	4	E	25/03/2014	18:20	3	NNW
25/03/2014	15:10	3	ENE	25/03/2014	18:25	1	WNW
25/03/2014	15:15	3	E	25/03/2014	18:30	2	SE
25/03/2014	15:20	4	ENE	25/03/2014	18:35	2	ESE
25/03/2014	15:25	5	E	25/03/2014	18:40	2	ESE
25/03/2014	15:30	4	E	25/03/2014	18:45	1	SE
25/03/2014	15:35	6	E	25/03/2014	18:50	2	SE
25/03/2014	15:40	5	E	25/03/2014	18:55	2	SSE
25/03/2014	15:45	6	E	25/03/2014	19:00	0	SSE
25/03/2014	15:50	5	ENE	25/03/2014	19:05	0	---
25/03/2014	15:55	5	SE	25/03/2014	19:10	0	---
25/03/2014	16:00	5	ESE	25/03/2014	19:15	0	SSE
25/03/2014	16:05	3	E	25/03/2014	19:20	0	---
25/03/2014	16:10	4	E	25/03/2014	19:25	3	NNW
25/03/2014	16:15	3	NNE	25/03/2014	19:30	3	NNW
25/03/2014	16:20	2	NE	25/03/2014	19:35	1	NW
25/03/2014	16:25	4	ENE	25/03/2014	19:40	1	SE
25/03/2014	16:30	4	ENE	25/03/2014	19:45	1	SE
25/03/2014	16:35	3	E	25/03/2014	19:50	0	SE
25/03/2014	16:40	2	E	25/03/2014	19:55	0	SE
25/03/2014	16:45	3	NE	25/03/2014	20:00	1	SSE
25/03/2014	16:50	3	ENE	25/03/2014	20:05	0	---
25/03/2014	16:55	3	E	25/03/2014	20:10	0	---
25/03/2014	17:00	4	E	25/03/2014	20:15	0	---
25/03/2014	17:05	4	ENE	25/03/2014	20:20	0	---
25/03/2014	17:10	1	NE	25/03/2014	20:25	0	---
25/03/2014	17:15	3	N	25/03/2014	20:30	0	---
25/03/2014	17:20	3	NNE	25/03/2014	20:35	0	---
25/03/2014	17:25	2	NNE	25/03/2014	20:40	0	---
25/03/2014	17:30	1	NE	25/03/2014	20:45	0	---
25/03/2014	17:35	0	---	25/03/2014	20:50	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/03/2014	20:55	0	---
25/03/2014	21:00	0	---
25/03/2014	21:05	0	---
25/03/2014	21:10	0	---
25/03/2014	21:15	0	---
25/03/2014	21:20	0	---
25/03/2014	21:25	0	---
25/03/2014	21:30	0	---
25/03/2014	21:35	0	---
25/03/2014	21:40	0	---
25/03/2014	21:45	0	---
25/03/2014	21:50	0	---
25/03/2014	21:55	1	NW
25/03/2014	22:00	3	NNW
25/03/2014	22:05	2	NW
25/03/2014	22:10	1	SSE
25/03/2014	22:15	2	SE
25/03/2014	22:20	0	SE
25/03/2014	22:25	0	ENE
25/03/2014	22:30	1	SSE
25/03/2014	22:35	0	---
25/03/2014	22:40	0	---
25/03/2014	22:45	1	SSW
25/03/2014	22:50	0	S
25/03/2014	22:55	0	SE
25/03/2014	23:00	1	SE
25/03/2014	23:05	0	---
25/03/2014	23:10	0	---
25/03/2014	23:15	0	---
25/03/2014	23:20	0	---
25/03/2014	23:25	0	---
25/03/2014	23:30	0	---
25/03/2014	23:35	0	---
25/03/2014	23:40	0	ESE
25/03/2014	23:45	1	SE
25/03/2014	23:50	0	---
25/03/2014	23:55	0	---
26/03/2014	00:00	0	---
26/03/2014	00:05	0	---
26/03/2014	00:10	1	W
26/03/2014	00:15	2	W
26/03/2014	00:20	2	WSW
26/03/2014	00:25	0	---
26/03/2014	00:30	0	---
26/03/2014	00:35	0	---
26/03/2014	00:40	0	---
26/03/2014	00:45	0	---
26/03/2014	00:50	0	---
26/03/2014	00:55	1	WNW
26/03/2014	01:00	0	WNW
26/03/2014	01:05	0	---
26/03/2014	01:10	0	---
26/03/2014	01:15	0	---
26/03/2014	01:20	0	---
26/03/2014	01:25	1	SE
26/03/2014	01:30	0	SE
26/03/2014	01:35	0	---
26/03/2014	01:40	0	---
26/03/2014	01:45	0	---
26/03/2014	01:50	0	---
26/03/2014	01:55	0	---
26/03/2014	02:00	0	---
26/03/2014	02:05	1	NW
26/03/2014	02:10	2	WNW
26/03/2014	02:15	1	W
26/03/2014	02:20	0	---
26/03/2014	02:25	0	---
26/03/2014	02:30	0	---
26/03/2014	02:35	0	---
26/03/2014	02:40	0	---
26/03/2014	02:45	0	---
26/03/2014	02:50	0	---
26/03/2014	02:55	0	SE
26/03/2014	03:00	0	---
26/03/2014	03:05	0	---
26/03/2014	03:10	0	---
26/03/2014	03:15	0	---
26/03/2014	03:20	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/03/2014	03:25	0	---
26/03/2014	03:30	0	---
26/03/2014	03:35	0	---
26/03/2014	03:40	0	---
26/03/2014	03:45	0	---
26/03/2014	03:50	0	---
26/03/2014	03:55	0	---
26/03/2014	04:00	0	---
26/03/2014	04:05	0	---
26/03/2014	04:10	0	---
26/03/2014	04:15	0	---
26/03/2014	04:20	0	---
26/03/2014	04:25	0	---
26/03/2014	04:30	0	---
26/03/2014	04:35	0	---
26/03/2014	04:40	0	---
26/03/2014	04:45	0	---
26/03/2014	04:50	0	---
26/03/2014	04:55	0	---
26/03/2014	05:00	0	---
26/03/2014	05:05	0	---
26/03/2014	05:10	0	---
26/03/2014	05:15	0	---
26/03/2014	05:20	0	---
26/03/2014	05:25	0	---
26/03/2014	05:30	0	---
26/03/2014	05:35	0	---
26/03/2014	05:40	0	---
26/03/2014	05:45	0	---
26/03/2014	05:50	0	---
26/03/2014	05:55	0	---
26/03/2014	06:00	0	---
26/03/2014	06:05	0	---
26/03/2014	06:10	0	NW
26/03/2014	06:15	0	NW
26/03/2014	06:20	0	---
26/03/2014	06:25	0	---
26/03/2014	06:30	0	---
26/03/2014	06:35	1	NNW
26/03/2014	06:40	0	NW
26/03/2014	06:45	0	NW
26/03/2014	06:50	0	NW
26/03/2014	06:55	1	NW
26/03/2014	07:00	0	---
26/03/2014	07:05	0	---
26/03/2014	07:10	0	---
26/03/2014	07:15	0	---
26/03/2014	07:20	0	---
26/03/2014	07:25	0	---
26/03/2014	07:30	0	---
26/03/2014	07:35	0	---
26/03/2014	07:40	0	---
26/03/2014	07:45	0	NE
26/03/2014	07:50	0	NE
26/03/2014	07:55	0	---
26/03/2014	08:00	0	---
26/03/2014	08:05	0	---
26/03/2014	08:10	0	---
26/03/2014	08:15	0	---
26/03/2014	08:20	0	---
26/03/2014	08:25	0	---
26/03/2014	08:30	0	---
26/03/2014	08:35	0	---
26/03/2014	08:40	1	E
26/03/2014	08:45	1	NE
26/03/2014	08:50	0	---
26/03/2014	08:55	0	---
26/03/2014	09:00	0	NE
26/03/2014	09:05	2	ENE
26/03/2014	09:10	1	ENE
26/03/2014	09:15	1	ENE
26/03/2014	09:20	0	---
26/03/2014	09:25	0	---
26/03/2014	09:30	2	ENE
26/03/2014	09:35	3	ENE
26/03/2014	09:40	4	ESE
26/03/2014	09:45	4	SE
26/03/2014	09:50	4	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/03/2014	09:55	2	SE	26/03/2014	13:10	6	N
26/03/2014	10:00	3	E	26/03/2014	13:15	6	N
26/03/2014	10:05	4	E	26/03/2014	13:20	5	N
26/03/2014	10:10	3	E	26/03/2014	13:25	5	N
26/03/2014	10:15	3	E	26/03/2014	13:30	5	N
26/03/2014	10:20	2	ESE	26/03/2014	13:35	4	N
26/03/2014	10:25	3	E	26/03/2014	13:40	4	N
26/03/2014	10:30	3	ENE	26/03/2014	13:45	3	N
26/03/2014	10:35	3	E	26/03/2014	13:50	4	N
26/03/2014	10:40	2	E	26/03/2014	13:55	3	N
26/03/2014	10:45	2	ENE	26/03/2014	14:00	2	N
26/03/2014	10:50	2	ENE	26/03/2014	14:05	0	NNE
26/03/2014	10:55	2	ENE	26/03/2014	14:10	2	N
26/03/2014	11:00	2	ENE	26/03/2014	14:15	0	N
26/03/2014	11:05	1	ESE	26/03/2014	14:20	0	---
26/03/2014	11:10	2	E	26/03/2014	14:25	0	---
26/03/2014	11:15	3	E	26/03/2014	14:30	2	ESE
26/03/2014	11:20	4	NNE	26/03/2014	14:35	3	E
26/03/2014	11:25	6	NNW	26/03/2014	14:40	4	ESE
26/03/2014	11:30	6	N	26/03/2014	14:45	3	SE
26/03/2014	11:35	5	NNE	26/03/2014	14:50	2	ESE
26/03/2014	11:40	4	NNE	26/03/2014	14:55	4	SE
26/03/2014	11:45	5	NNE	26/03/2014	15:00	3	SE
26/03/2014	11:50	2	NNE	26/03/2014	15:05	3	ESE
26/03/2014	11:55	4	N	26/03/2014	15:10	3	ESE
26/03/2014	12:00	3	NE	26/03/2014	15:15	3	ESE
26/03/2014	12:05	3	NNE	26/03/2014	15:20	4	ESE
26/03/2014	12:10	4	N	26/03/2014	15:25	5	SE
26/03/2014	12:15	6	N	26/03/2014	15:30	5	SE
26/03/2014	12:20	5	N	26/03/2014	15:35	5	SE
26/03/2014	12:25	7	NNW	26/03/2014	15:40	5	E
26/03/2014	12:30	6	N	26/03/2014	15:45	3	E
26/03/2014	12:35	6	NNE	26/03/2014	15:50	4	SE
26/03/2014	12:40	7	NNE	26/03/2014	15:55	4	SE
26/03/2014	12:45	6	N	26/03/2014	16:00	4	SE
26/03/2014	12:50	6	N	26/03/2014	16:05	4	ESE
26/03/2014	12:55	6	N	26/03/2014	16:10	4	SE
26/03/2014	13:00	6	N	26/03/2014	16:15	4	SE
26/03/2014	13:05	6	N	26/03/2014	16:20	4	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/03/2014	16:25	4	SE	26/03/2014	19:40	0	---
26/03/2014	16:30	4	SSE	26/03/2014	19:45	0	---
26/03/2014	16:35	5	SE	26/03/2014	19:50	0	---
26/03/2014	16:40	4	SE	26/03/2014	19:55	0	---
26/03/2014	16:45	4	SE	26/03/2014	20:00	0	---
26/03/2014	16:50	4	SSE	26/03/2014	20:05	0	---
26/03/2014	16:55	4	SSE	26/03/2014	20:10	0	---
26/03/2014	17:00	4	SSE	26/03/2014	20:15	0	---
26/03/2014	17:05	4	SSE	26/03/2014	20:20	0	---
26/03/2014	17:10	3	SSE	26/03/2014	20:25	0	---
26/03/2014	17:15	4	SE	26/03/2014	20:30	0	---
26/03/2014	17:20	4	SE	26/03/2014	20:35	0	---
26/03/2014	17:25	4	SE	26/03/2014	20:40	0	---
26/03/2014	17:30	3	SE	26/03/2014	20:45	0	---
26/03/2014	17:35	4	SE	26/03/2014	20:50	0	---
26/03/2014	17:40	4	SE	26/03/2014	20:55	0	---
26/03/2014	17:45	3	SE	26/03/2014	21:00	0	---
26/03/2014	17:50	2	SSE	26/03/2014	21:05	0	---
26/03/2014	17:55	2	SSE	26/03/2014	21:10	0	---
26/03/2014	18:00	3	SE	26/03/2014	21:15	0	---
26/03/2014	18:05	4	SE	26/03/2014	21:20	0	---
26/03/2014	18:10	3	SE	26/03/2014	21:25	0	---
26/03/2014	18:15	2	SE	26/03/2014	21:30	0	---
26/03/2014	18:20	1	SSE	26/03/2014	21:35	1	SSW
26/03/2014	18:25	2	SE	26/03/2014	21:40	0	---
26/03/2014	18:30	3	SE	26/03/2014	21:45	0	---
26/03/2014	18:35	3	SE	26/03/2014	21:50	0	---
26/03/2014	18:40	3	SE	26/03/2014	21:55	0	---
26/03/2014	18:45	2	SE	26/03/2014	22:00	0	---
26/03/2014	18:50	2	SE	26/03/2014	22:05	0	---
26/03/2014	18:55	0	SSE	26/03/2014	22:10	0	---
26/03/2014	19:00	2	ESE	26/03/2014	22:15	0	---
26/03/2014	19:05	1	SSE	26/03/2014	22:20	0	---
26/03/2014	19:10	1	SE	26/03/2014	22:25	0	---
26/03/2014	19:15	1	SE	26/03/2014	22:30	0	---
26/03/2014	19:20	1	ESE	26/03/2014	22:35	0	---
26/03/2014	19:25	0	---	26/03/2014	22:40	0	---
26/03/2014	19:30	0	---	26/03/2014	22:45	0	---
26/03/2014	19:35	0	---	26/03/2014	22:50	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/03/2014	22:55	0	---	27/03/2014	02:10	0	---
26/03/2014	23:00	0	---	27/03/2014	02:15	0	---
26/03/2014	23:05	0	---	27/03/2014	02:20	0	---
26/03/2014	23:10	0	NNW	27/03/2014	02:25	0	---
26/03/2014	23:15	0	---	27/03/2014	02:30	0	---
26/03/2014	23:20	0	---	27/03/2014	02:35	0	---
26/03/2014	23:25	0	---	27/03/2014	02:40	0	---
26/03/2014	23:30	0	---	27/03/2014	02:45	0	---
26/03/2014	23:35	0	---	27/03/2014	02:50	0	---
26/03/2014	23:40	0	---	27/03/2014	02:55	0	---
26/03/2014	23:45	0	---	27/03/2014	03:00	0	---
26/03/2014	23:50	0	---	27/03/2014	03:05	0	---
26/03/2014	23:55	0	---	27/03/2014	03:10	0	---
27/03/2014	00:00	0	---	27/03/2014	03:15	0	---
27/03/2014	00:05	0	---	27/03/2014	03:20	0	---
27/03/2014	00:10	0	---	27/03/2014	03:25	0	---
27/03/2014	00:15	0	---	27/03/2014	03:30	0	---
27/03/2014	00:20	0	---	27/03/2014	03:35	0	---
27/03/2014	00:25	0	---	27/03/2014	03:40	0	---
27/03/2014	00:30	0	---	27/03/2014	03:45	0	---
27/03/2014	00:35	1	NNW	27/03/2014	03:50	0	---
27/03/2014	00:40	0	---	27/03/2014	03:55	0	---
27/03/2014	00:45	0	---	27/03/2014	04:00	0	---
27/03/2014	00:50	0	---	27/03/2014	04:05	0	---
27/03/2014	00:55	0	---	27/03/2014	04:10	0	---
27/03/2014	01:00	0	---	27/03/2014	04:15	0	---
27/03/2014	01:05	0	---	27/03/2014	04:20	0	---
27/03/2014	01:10	0	---	27/03/2014	04:25	0	---
27/03/2014	01:15	0	---	27/03/2014	04:30	0	---
27/03/2014	01:20	0	---	27/03/2014	04:35	0	---
27/03/2014	01:25	0	---	27/03/2014	04:40	0	---
27/03/2014	01:30	0	---	27/03/2014	04:45	0	---
27/03/2014	01:35	0	---	27/03/2014	04:50	0	---
27/03/2014	01:40	0	---	27/03/2014	04:55	0	---
27/03/2014	01:45	0	---	27/03/2014	05:00	0	---
27/03/2014	01:50	0	---	27/03/2014	05:05	0	---
27/03/2014	01:55	0	---	27/03/2014	05:10	0	---
27/03/2014	02:00	0	---	27/03/2014	05:15	0	---
27/03/2014	02:05	0	---	27/03/2014	05:20	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/03/2014	05:25	0	---
27/03/2014	05:30	0	---
27/03/2014	05:35	0	---
27/03/2014	05:40	0	---
27/03/2014	05:45	0	---
27/03/2014	05:50	0	---
27/03/2014	05:55	0	---
27/03/2014	06:00	0	---
27/03/2014	06:05	0	---
27/03/2014	06:10	0	---
27/03/2014	06:15	0	---
27/03/2014	06:20	0	---
27/03/2014	06:25	0	---
27/03/2014	06:30	0	---
27/03/2014	06:35	0	S
27/03/2014	06:40	0	S
27/03/2014	06:45	0	S
27/03/2014	06:50	0	---
27/03/2014	06:55	0	---
27/03/2014	07:00	0	---
27/03/2014	07:05	0	---
27/03/2014	07:10	0	---
27/03/2014	07:15	0	---
27/03/2014	07:20	0	---
27/03/2014	07:25	0	---
27/03/2014	07:30	0	---
27/03/2014	07:35	0	---
27/03/2014	07:40	0	---
27/03/2014	07:45	0	---
27/03/2014	07:50	0	---
27/03/2014	07:55	0	---
27/03/2014	08:00	0	---
27/03/2014	08:05	0	---
27/03/2014	08:10	0	---
27/03/2014	08:15	0	---
27/03/2014	08:20	0	---
27/03/2014	08:25	0	---
27/03/2014	08:30	0	---
27/03/2014	08:35	0	---
27/03/2014	08:40	0	---
27/03/2014	08:45	0	---
27/03/2014	08:50	1	SE
27/03/2014	08:55	3	E
27/03/2014	09:00	2	E
27/03/2014	09:05	2	E
27/03/2014	09:10	2	E
27/03/2014	09:15	2	ESE
27/03/2014	09:20	2	E
27/03/2014	09:25	1	ENE
27/03/2014	09:30	1	ENE
27/03/2014	09:35	2	ESE
27/03/2014	09:40	1	ESE
27/03/2014	09:45	2	SE
27/03/2014	09:50	2	SSE
27/03/2014	09:55	3	SSE
27/03/2014	10:00	2	ENE
27/03/2014	10:05	2	SSE
27/03/2014	10:10	3	SE
27/03/2014	10:15	3	ESE
27/03/2014	10:20	2	E
27/03/2014	10:25	3	SE
27/03/2014	10:30	4	ESE
27/03/2014	10:35	4	E
27/03/2014	10:40	3	E
27/03/2014	10:45	3	SSE
27/03/2014	10:50	4	E
27/03/2014	10:55	3	E
27/03/2014	11:00	3	ESE
27/03/2014	11:05	4	E
27/03/2014	11:10	4	E
27/03/2014	11:15	3	E
27/03/2014	11:20	3	ESE
27/03/2014	11:25	4	E
27/03/2014	11:30	3	E
27/03/2014	11:35	4	E
27/03/2014	11:40	4	E
27/03/2014	11:45	4	E
27/03/2014	11:50	5	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/03/2014	11:55	5	E
27/03/2014	12:00	4	E
27/03/2014	12:05	3	SE
27/03/2014	12:10	4	ESE
27/03/2014	12:15	3	SE
27/03/2014	12:20	3	SE
27/03/2014	12:25	4	ESE
27/03/2014	12:30	4	SE
27/03/2014	12:35	4	NNW
27/03/2014	12:40	4	NNE
27/03/2014	12:45	2	NNE
27/03/2014	12:50	3	NE
27/03/2014	12:55	2	ENE
27/03/2014	13:00	6	E
27/03/2014	13:05	6	SE
27/03/2014	13:10	5	SE
27/03/2014	13:15	6	SE
27/03/2014	13:20	5	SE
27/03/2014	13:25	6	SE
27/03/2014	13:30	5	SE
27/03/2014	13:35	4	SE
27/03/2014	13:40	3	E
27/03/2014	13:45	4	NE
27/03/2014	13:50	6	ESE
27/03/2014	13:55	4	SE
27/03/2014	14:00	7	SE
27/03/2014	14:05	7	SE
27/03/2014	14:10	7	SE
27/03/2014	14:15	6	SE
27/03/2014	14:20	8	SE
27/03/2014	14:25	8	SE
27/03/2014	14:30	9	SE
27/03/2014	14:35	7	SE
27/03/2014	14:40	8	SE
27/03/2014	14:45	7	SE
27/03/2014	14:50	7	SE
27/03/2014	14:55	7	SE
27/03/2014	15:00	6	SE
27/03/2014	15:05	7	ESE
27/03/2014	15:10	5	SE
27/03/2014	15:15	6	SE
27/03/2014	15:20	6	SE
27/03/2014	15:25	5	ESE
27/03/2014	15:30	6	ESE
27/03/2014	15:35	5	ESE
27/03/2014	15:40	4	SE
27/03/2014	15:45	5	SE
27/03/2014	15:50	5	ESE
27/03/2014	15:55	5	SE
27/03/2014	16:00	6	SE
27/03/2014	16:05	6	E
27/03/2014	16:10	6	E
27/03/2014	16:15	2	SE
27/03/2014	16:20	4	ESE
27/03/2014	16:25	4	ESE
27/03/2014	16:30	2	SE
27/03/2014	16:35	2	NE
27/03/2014	16:40	4	N
27/03/2014	16:45	4	NNE
27/03/2014	16:50	4	NW
27/03/2014	16:55	3	NE
27/03/2014	17:00	5	NW
27/03/2014	17:05	4	NW
27/03/2014	17:10	3	NNE
27/03/2014	17:15	2	E
27/03/2014	17:20	4	NW
27/03/2014	17:25	1	N
27/03/2014	17:30	2	E
27/03/2014	17:35	1	NNE
27/03/2014	17:40	2	NE
27/03/2014	17:45	2	ENE
27/03/2014	17:50	1	SE
27/03/2014	17:55	3	E
27/03/2014	18:00	2	E
27/03/2014	18:05	2	NNE
27/03/2014	18:10	3	NNE
27/03/2014	18:15	3	NE
27/03/2014	18:20	2	NE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/03/2014	18:25	0	---
27/03/2014	18:30	3	N
27/03/2014	18:35	5	NNW
27/03/2014	18:40	3	SSW
27/03/2014	18:45	1	S
27/03/2014	18:50	1	N
27/03/2014	18:55	2	ESE
27/03/2014	19:00	2	S
27/03/2014	19:05	2	SW
27/03/2014	19:10	4	ESE
27/03/2014	19:15	1	ESE
27/03/2014	19:20	2	NE
27/03/2014	19:25	0	---
27/03/2014	19:30	0	---
27/03/2014	19:35	2	NNW
27/03/2014	19:40	0	SE
27/03/2014	19:45	0	E
27/03/2014	19:50	2	NNW
27/03/2014	19:55	1	SE
27/03/2014	20:00	3	SE
27/03/2014	20:05	4	ESE
27/03/2014	20:10	2	E
27/03/2014	20:15	2	SE
27/03/2014	20:20	0	ESE
27/03/2014	20:25	1	ENE
27/03/2014	20:30	0	---
27/03/2014	20:35	0	E
27/03/2014	20:40	0	N
27/03/2014	20:45	2	NE
27/03/2014	20:50	1	SE
27/03/2014	20:55	3	ESE
27/03/2014	21:00	3	SE
27/03/2014	21:05	2	ESE
27/03/2014	21:10	6	ENE
27/03/2014	21:15	2	E
27/03/2014	21:20	3	E
27/03/2014	21:25	4	ENE
27/03/2014	21:30	3	ENE
27/03/2014	21:35	3	ESE
27/03/2014	21:40	2	SE
27/03/2014	21:45	4	SE
27/03/2014	21:50	4	SE
27/03/2014	21:55	4	SSE
27/03/2014	22:00	2	SSE
27/03/2014	22:05	2	S
27/03/2014	22:10	4	ESE
27/03/2014	22:15	4	ESE
27/03/2014	22:20	2	SSE
27/03/2014	22:25	3	S
27/03/2014	22:30	5	SSE
27/03/2014	22:35	3	SSE
27/03/2014	22:40	4	SSE
27/03/2014	22:45	4	SSE
27/03/2014	22:50	5	SSE
27/03/2014	22:55	1	SSE
27/03/2014	23:00	5	SSE
27/03/2014	23:05	6	SSE
27/03/2014	23:10	7	SSE
27/03/2014	23:15	6	SSE
27/03/2014	23:20	5	SSE
27/03/2014	23:25	6	SE
27/03/2014	23:30	6	SE
27/03/2014	23:35	6	SSE
27/03/2014	23:40	8	SE
27/03/2014	23:45	5	SE
27/03/2014	23:50	4	E
27/03/2014	23:55	5	SE
28/03/2014	00:00	6	SE
28/03/2014	00:05	7	SE
28/03/2014	00:10	8	SSE
28/03/2014	00:15	6	SE
28/03/2014	00:20	6	SE
28/03/2014	00:25	6	SE
28/03/2014	00:30	5	SSE
28/03/2014	00:35	6	SE
28/03/2014	00:40	3	SSE
28/03/2014	00:45	3	ESE
28/03/2014	00:50	6	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/03/2014	00:55	7	SE	28/03/2014	04:10	5	SSE
28/03/2014	01:00	8	SE	28/03/2014	04:15	4	SE
28/03/2014	01:05	6	ESE	28/03/2014	04:20	5	SSE
28/03/2014	01:10	4	SE	28/03/2014	04:25	5	SSE
28/03/2014	01:15	5	SE	28/03/2014	04:30	6	SSE
28/03/2014	01:20	7	SE	28/03/2014	04:35	5	SSE
28/03/2014	01:25	8	SE	28/03/2014	04:40	6	SSE
28/03/2014	01:30	8	SE	28/03/2014	04:45	5	SSE
28/03/2014	01:35	8	SE	28/03/2014	04:50	3	SSE
28/03/2014	01:40	5	SSE	28/03/2014	04:55	3	SSE
28/03/2014	01:45	8	SE	28/03/2014	05:00	5	S
28/03/2014	01:50	7	SE	28/03/2014	05:05	4	SSE
28/03/2014	01:55	6	SSE	28/03/2014	05:10	3	SSE
28/03/2014	02:00	5	SE	28/03/2014	05:15	2	SSE
28/03/2014	02:05	6	SE	28/03/2014	05:20	1	SSE
28/03/2014	02:10	5	ESE	28/03/2014	05:25	2	NNW
28/03/2014	02:15	5	ESE	28/03/2014	05:30	1	NNW
28/03/2014	02:20	5	ESE	28/03/2014	05:35	0	NNW
28/03/2014	02:25	4	E	28/03/2014	05:40	0	NW
28/03/2014	02:30	2	SE	28/03/2014	05:45	2	SE
28/03/2014	02:35	3	SE	28/03/2014	05:50	6	SE
28/03/2014	02:40	2	ESE	28/03/2014	05:55	5	SE
28/03/2014	02:45	0	S	28/03/2014	06:00	4	SE
28/03/2014	02:50	0	---	28/03/2014	06:05	7	SE
28/03/2014	02:55	1	NE	28/03/2014	06:10	4	SE
28/03/2014	03:00	3	E	28/03/2014	06:15	8	SE
28/03/2014	03:05	2	E	28/03/2014	06:20	3	SSE
28/03/2014	03:10	1	NE	28/03/2014	06:25	4	SSE
28/03/2014	03:15	3	SSE	28/03/2014	06:30	3	SSE
28/03/2014	03:20	6	SSE	28/03/2014	06:35	4	SSE
28/03/2014	03:25	6	SSE	28/03/2014	06:40	2	SSE
28/03/2014	03:30	3	SSE	28/03/2014	06:45	5	SSE
28/03/2014	03:35	3	SSE	28/03/2014	06:50	3	SE
28/03/2014	03:40	4	SE	28/03/2014	06:55	1	SSE
28/03/2014	03:45	5	SSE	28/03/2014	07:00	1	SSE
28/03/2014	03:50	4	SSE	28/03/2014	07:05	2	ENE
28/03/2014	03:55	3	SSE	28/03/2014	07:10	4	NE
28/03/2014	04:00	3	SSE	28/03/2014	07:15	4	N
28/03/2014	04:05	3	SSE	28/03/2014	07:20	5	NNE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/03/2014	07:25	5	N	28/03/2014	10:40	8	SE
28/03/2014	07:30	5	N	28/03/2014	10:45	9	SSE
28/03/2014	07:35	5	NE	28/03/2014	10:50	8	SE
28/03/2014	07:40	4	NNW	28/03/2014	10:55	8	SE
28/03/2014	07:45	2	NNW	28/03/2014	11:00	7	SSE
28/03/2014	07:50	5	NNW	28/03/2014	11:05	10	ESE
28/03/2014	07:55	4	N	28/03/2014	11:10	7	SSE
28/03/2014	08:00	0	ENE	28/03/2014	11:15	9	SE
28/03/2014	08:05	2	NE	28/03/2014	11:20	9	SSE
28/03/2014	08:10	4	ESE	28/03/2014	11:25	11	SSE
28/03/2014	08:15	6	SE	28/03/2014	11:30	12	SE
28/03/2014	08:20	3	NNW	28/03/2014	11:35	10	SE
28/03/2014	08:25	4	NNW	28/03/2014	11:40	11	SE
28/03/2014	08:30	11	SSE	28/03/2014	11:45	12	SE
28/03/2014	08:35	10	SSE	28/03/2014	11:50	9	SE
28/03/2014	08:40	9	SE	28/03/2014	11:55	9	SE
28/03/2014	08:45	10	SSE	28/03/2014	12:00	8	SE
28/03/2014	08:50	10	SE	28/03/2014	12:05	9	SSE
28/03/2014	08:55	11	SE	28/03/2014	12:10	10	SE
28/03/2014	09:00	11	SE	28/03/2014	12:15	7	SSE
28/03/2014	09:05	12	SE	28/03/2014	12:20	9	SE
28/03/2014	09:10	13	SE	28/03/2014	12:25	7	SSE
28/03/2014	09:15	13	SE	28/03/2014	12:30	8	SE
28/03/2014	09:20	13	SE	28/03/2014	12:35	7	SSE
28/03/2014	09:25	12	SE	28/03/2014	12:40	7	SSE
28/03/2014	09:30	12	SSE	28/03/2014	12:45	4	SSE
28/03/2014	09:35	12	SE	28/03/2014	12:50	4	SSE
28/03/2014	09:40	12	SE	28/03/2014	12:55	6	SSE
28/03/2014	09:45	13	SE	28/03/2014	13:00	6	SE
28/03/2014	09:50	14	SSE	28/03/2014	13:05	6	SSE
28/03/2014	09:55	12	SE	28/03/2014	13:10	5	ENE
28/03/2014	10:00	12	SE	28/03/2014	13:15	4	NE
28/03/2014	10:05	12	SE	28/03/2014	13:20	5	SSE
28/03/2014	10:10	8	SSE	28/03/2014	13:25	6	SE
28/03/2014	10:15	11	SE	28/03/2014	13:30	5	SE
28/03/2014	10:20	11	SSE	28/03/2014	13:35	4	SSE
28/03/2014	10:25	9	SE	28/03/2014	13:40	2	ESE
28/03/2014	10:30	11	SE	28/03/2014	13:45	4	ESE
28/03/2014	10:35	11	SSE	28/03/2014	13:50	4	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/03/2014	13:55	4	NNW	28/03/2014	17:10	8	SE
28/03/2014	14:00	6	ESE	28/03/2014	17:15	9	SE
28/03/2014	14:05	5	SE	28/03/2014	17:20	8	SE
28/03/2014	14:10	4	ESE	28/03/2014	17:25	8	SE
28/03/2014	14:15	6	SE	28/03/2014	17:30	5	SSE
28/03/2014	14:20	7	SE	28/03/2014	17:35	8	SSE
28/03/2014	14:25	8	SSE	28/03/2014	17:40	6	SE
28/03/2014	14:30	7	SE	28/03/2014	17:45	3	SSE
28/03/2014	14:35	8	SE	28/03/2014	17:50	5	SSE
28/03/2014	14:40	7	SE	28/03/2014	17:55	7	SSE
28/03/2014	14:45	7	SE	28/03/2014	18:00	6	SSE
28/03/2014	14:50	5	SE	28/03/2014	18:05	6	SE
28/03/2014	14:55	5	SSE	28/03/2014	18:10	7	SSE
28/03/2014	15:00	5	SE	28/03/2014	18:15	7	SE
28/03/2014	15:05	6	SSE	28/03/2014	18:20	4	SSE
28/03/2014	15:10	5	SSE	28/03/2014	18:25	6	SE
28/03/2014	15:15	6	SSE	28/03/2014	18:30	5	SSE
28/03/2014	15:20	7	SE	28/03/2014	18:35	6	SE
28/03/2014	15:25	5	SSE	28/03/2014	18:40	7	SE
28/03/2014	15:30	2	SSE	28/03/2014	18:45	5	SSE
28/03/2014	15:35	5	SSE	28/03/2014	18:50	8	SE
28/03/2014	15:40	7	SSE	28/03/2014	18:55	7	SE
28/03/2014	15:45	4	SSE	28/03/2014	19:00	7	SE
28/03/2014	15:50	4	S	28/03/2014	19:05	8	SSE
28/03/2014	15:55	4	SSW	28/03/2014	19:10	6	SSE
28/03/2014	16:00	6	SE	28/03/2014	19:15	8	SSE
28/03/2014	16:05	6	SE	28/03/2014	19:20	5	SSE
28/03/2014	16:10	7	SE	28/03/2014	19:25	6	SSE
28/03/2014	16:15	7	SSE	28/03/2014	19:30	8	SSE
28/03/2014	16:20	8	SSE	28/03/2014	19:35	8	SSE
28/03/2014	16:25	9	SE	28/03/2014	19:40	7	SSE
28/03/2014	16:30	7	SSE	28/03/2014	19:45	7	SSE
28/03/2014	16:35	7	SE	28/03/2014	19:50	7	SSE
28/03/2014	16:40	9	SE	28/03/2014	19:55	7	SSE
28/03/2014	16:45	9	SE	28/03/2014	20:00	9	SSE
28/03/2014	16:50	7	SE	28/03/2014	20:05	7	SSE
28/03/2014	16:55	8	SE	28/03/2014	20:10	6	SSE
28/03/2014	17:00	8	SE	28/03/2014	20:15	6	SSE
28/03/2014	17:05	5	SE	28/03/2014	20:20	5	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/03/2014	20:25	6	SSE
28/03/2014	20:30	6	SSE
28/03/2014	20:35	5	SSE
28/03/2014	20:40	6	SSE
28/03/2014	20:45	6	SSE
28/03/2014	20:50	2	ESE
28/03/2014	20:55	3	NNE
28/03/2014	21:00	2	NE
28/03/2014	21:05	1	SE
28/03/2014	21:10	1	NE
28/03/2014	21:15	0	---
28/03/2014	21:20	0	---
28/03/2014	21:25	0	---
28/03/2014	21:30	0	---
28/03/2014	21:35	0	---
28/03/2014	21:40	3	SSE
28/03/2014	21:45	3	SSE
28/03/2014	21:50	5	SSE
28/03/2014	21:55	5	SSE
28/03/2014	22:00	4	SSE
28/03/2014	22:05	4	SSE
28/03/2014	22:10	2	SSE
28/03/2014	22:15	2	SSE
28/03/2014	22:20	0	SSE
28/03/2014	22:25	1	SSE
28/03/2014	22:30	0	---
28/03/2014	22:35	0	---
28/03/2014	22:40	0	---
28/03/2014	22:45	0	SSE
28/03/2014	22:50	0	SSE
28/03/2014	22:55	0	S
28/03/2014	23:00	0	---
28/03/2014	23:05	0	---
28/03/2014	23:10	0	---
28/03/2014	23:15	1	SE
28/03/2014	23:20	1	SSE
28/03/2014	23:25	0	S
28/03/2014	23:30	0	S
28/03/2014	23:35	0	---
28/03/2014	23:40	1	ESE
28/03/2014	23:45	1	ESE
28/03/2014	23:50	1	ESE
28/03/2014	23:55	2	SSE
29/03/2014	00:00	0	S
29/03/2014	00:05	0	---
29/03/2014	00:10	1	NW
29/03/2014	00:15	1	NE
29/03/2014	00:20	1	SE
29/03/2014	00:25	0	ESE
29/03/2014	00:30	0	---
29/03/2014	00:35	0	---
29/03/2014	00:40	0	ESE
29/03/2014	00:45	0	---
29/03/2014	00:50	0	---
29/03/2014	00:55	0	---
29/03/2014	01:00	1	SE
29/03/2014	01:05	1	SE
29/03/2014	01:10	5	SSE
29/03/2014	01:15	3	SSE
29/03/2014	01:20	0	---
29/03/2014	01:25	0	---
29/03/2014	01:30	2	SSE
29/03/2014	01:35	1	SSE
29/03/2014	01:40	0	---
29/03/2014	01:45	0	---
29/03/2014	01:50	0	---
29/03/2014	01:55	0	---
29/03/2014	02:00	0	---
29/03/2014	02:05	0	---
29/03/2014	02:10	0	---
29/03/2014	02:15	0	---
29/03/2014	02:20	0	---
29/03/2014	02:25	1	SW
29/03/2014	02:30	2	S
29/03/2014	02:35	1	SE
29/03/2014	02:40	1	SE
29/03/2014	02:45	1	W
29/03/2014	02:50	0	SSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/03/2014	02:55	0	SSW
29/03/2014	03:00	0	---
29/03/2014	03:05	0	SSE
29/03/2014	03:10	3	SSE
29/03/2014	03:15	2	SSE
29/03/2014	03:20	3	SSE
29/03/2014	03:25	2	SSE
29/03/2014	03:30	3	SE
29/03/2014	03:35	1	WSW
29/03/2014	03:40	0	SW
29/03/2014	03:45	0	S
29/03/2014	03:50	1	SSW
29/03/2014	03:55	1	SSW
29/03/2014	04:00	1	SSE
29/03/2014	04:05	0	SW
29/03/2014	04:10	1	E
29/03/2014	04:15	1	SSW
29/03/2014	04:20	1	NNE
29/03/2014	04:25	2	SSW
29/03/2014	04:30	1	SE
29/03/2014	04:35	0	SE
29/03/2014	04:40	0	SSE
29/03/2014	04:45	0	SSE
29/03/2014	04:50	0	---
29/03/2014	04:55	0	---
29/03/2014	05:00	0	---
29/03/2014	05:05	1	NNW
29/03/2014	05:10	1	NNW
29/03/2014	05:15	0	NNE
29/03/2014	05:20	0	---
29/03/2014	05:25	0	---
29/03/2014	05:30	0	---
29/03/2014	05:35	0	---
29/03/2014	05:40	0	---
29/03/2014	05:45	0	---
29/03/2014	05:50	0	---
29/03/2014	05:55	0	---
29/03/2014	06:00	0	---
29/03/2014	06:05	0	---
29/03/2014	06:10	0	---
29/03/2014	06:15	0	---
29/03/2014	06:20	0	---
29/03/2014	06:25	0	---
29/03/2014	06:30	0	---
29/03/2014	06:35	0	---
29/03/2014	06:40	0	ENE
29/03/2014	06:45	3	E
29/03/2014	06:50	2	SE
29/03/2014	06:55	2	ESE
29/03/2014	07:00	2	S
29/03/2014	07:05	1	NNW
29/03/2014	07:10	1	N
29/03/2014	07:15	0	N
29/03/2014	07:20	0	N
29/03/2014	07:25	0	N
29/03/2014	07:30	0	S
29/03/2014	07:35	0	S
29/03/2014	07:40	1	S
29/03/2014	07:45	0	S
29/03/2014	07:50	2	NNW
29/03/2014	07:55	1	NNW
29/03/2014	08:00	3	NE
29/03/2014	08:05	3	SSE
29/03/2014	08:10	2	E
29/03/2014	08:15	3	E
29/03/2014	08:20	1	ESE
29/03/2014	08:25	2	ESE
29/03/2014	08:30	4	ESE
29/03/2014	08:35	2	NE
29/03/2014	08:40	2	NNE
29/03/2014	08:45	3	N
29/03/2014	08:50	3	E
29/03/2014	08:55	2	NNE
29/03/2014	09:00	2	S
29/03/2014	09:05	4	NNW
29/03/2014	09:10	4	SSW
29/03/2014	09:15	3	E
29/03/2014	09:20	2	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/03/2014	09:25	2	SSE	29/03/2014	12:40	2	WNW
29/03/2014	09:30	5	SE	29/03/2014	12:45	5	NW
29/03/2014	09:35	6	SSE	29/03/2014	12:50	5	WNW
29/03/2014	09:40	7	SSE	29/03/2014	12:55	3	WNW
29/03/2014	09:45	4	ESE	29/03/2014	13:00	3	ESE
29/03/2014	09:50	8	SE	29/03/2014	13:05	4	N
29/03/2014	09:55	7	SE	29/03/2014	13:10	8	N
29/03/2014	10:00	1	SSE	29/03/2014	13:15	9	NNW
29/03/2014	10:05	2	SSE	29/03/2014	13:20	6	NNW
29/03/2014	10:10	1	N	29/03/2014	13:25	5	N
29/03/2014	10:15	1	NE	29/03/2014	13:30	4	NNW
29/03/2014	10:20	0	WSW	29/03/2014	13:35	4	NNE
29/03/2014	10:25	0	SE	29/03/2014	13:40	3	N
29/03/2014	10:30	2	SSE	29/03/2014	13:45	1	N
29/03/2014	10:35	2	SSE	29/03/2014	13:50	4	NW
29/03/2014	10:40	1	S	29/03/2014	13:55	3	NW
29/03/2014	10:45	0	---	29/03/2014	14:00	2	N
29/03/2014	10:50	2	SE	29/03/2014	14:05	3	NNW
29/03/2014	10:55	2	SSE	29/03/2014	14:10	6	NE
29/03/2014	11:00	4	N	29/03/2014	14:15	2	NE
29/03/2014	11:05	12	N	29/03/2014	14:20	0	---
29/03/2014	11:10	10	NW	29/03/2014	14:25	1	SW
29/03/2014	11:15	7	NW	29/03/2014	14:30	1	SW
29/03/2014	11:20	8	NNW	29/03/2014	14:35	3	NW
29/03/2014	11:25	4	NW	29/03/2014	14:40	6	NW
29/03/2014	11:30	5	NW	29/03/2014	14:45	3	SSE
29/03/2014	11:35	5	W	29/03/2014	14:50	5	NNE
29/03/2014	11:40	3	NNW	29/03/2014	14:55	5	NE
29/03/2014	11:45	4	NW	29/03/2014	15:00	0	SE
29/03/2014	11:50	0	NNW	29/03/2014	15:05	0	---
29/03/2014	11:55	0	---	29/03/2014	15:10	0	---
29/03/2014	12:00	0	---	29/03/2014	15:15	1	W
29/03/2014	12:05	0	---	29/03/2014	15:20	3	W
29/03/2014	12:10	0	---	29/03/2014	15:25	2	NW
29/03/2014	12:15	0	---	29/03/2014	15:30	1	SSW
29/03/2014	12:20	0	---	29/03/2014	15:35	3	ENE
29/03/2014	12:25	0	---	29/03/2014	15:40	5	SSE
29/03/2014	12:30	1	S	29/03/2014	15:45	3	S
29/03/2014	12:35	4	S	29/03/2014	15:50	1	WNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/03/2014	15:55	5	N	29/03/2014	19:10	0	---
29/03/2014	16:00	5	N	29/03/2014	19:15	0	---
29/03/2014	16:05	7	NNW	29/03/2014	19:20	0	---
29/03/2014	16:10	8	NNW	29/03/2014	19:25	0	---
29/03/2014	16:15	6	NNW	29/03/2014	19:30	0	---
29/03/2014	16:20	7	NNW	29/03/2014	19:35	0	---
29/03/2014	16:25	8	NNE	29/03/2014	19:40	0	---
29/03/2014	16:30	6	NE	29/03/2014	19:45	2	NW
29/03/2014	16:35	6	SSE	29/03/2014	19:50	1	NW
29/03/2014	16:40	5	SSE	29/03/2014	19:55	1	WNW
29/03/2014	16:45	6	SE	29/03/2014	20:00	0	S
29/03/2014	16:50	5	SSE	29/03/2014	20:05	0	---
29/03/2014	16:55	1	S	29/03/2014	20:10	0	WNW
29/03/2014	17:00	2	WNW	29/03/2014	20:15	0	S
29/03/2014	17:05	4	NNW	29/03/2014	20:20	0	---
29/03/2014	17:10	3	NNW	29/03/2014	20:25	0	---
29/03/2014	17:15	3	NNE	29/03/2014	20:30	0	---
29/03/2014	17:20	1	NW	29/03/2014	20:35	0	---
29/03/2014	17:25	0	N	29/03/2014	20:40	1	WNW
29/03/2014	17:30	3	N	29/03/2014	20:45	3	WNW
29/03/2014	17:35	1	SSE	29/03/2014	20:50	0	W
29/03/2014	17:40	0	SSE	29/03/2014	20:55	0	---
29/03/2014	17:45	1	S	29/03/2014	21:00	0	SSW
29/03/2014	17:50	1	SE	29/03/2014	21:05	0	---
29/03/2014	17:55	5	SSE	29/03/2014	21:10	0	---
29/03/2014	18:00	4	SE	29/03/2014	21:15	0	---
29/03/2014	18:05	4	ESE	29/03/2014	21:20	0	WNW
29/03/2014	18:10	3	SSE	29/03/2014	21:25	4	NNW
29/03/2014	18:15	3	SE	29/03/2014	21:30	2	W
29/03/2014	18:20	2	SE	29/03/2014	21:35	2	W
29/03/2014	18:25	2	S	29/03/2014	21:40	3	W
29/03/2014	18:30	0	SSW	29/03/2014	21:45	2	W
29/03/2014	18:35	0	---	29/03/2014	21:50	4	W
29/03/2014	18:40	0	---	29/03/2014	21:55	1	W
29/03/2014	18:45	0	---	29/03/2014	22:00	0	---
29/03/2014	18:50	1	SSE	29/03/2014	22:05	0	SSE
29/03/2014	18:55	1	S	29/03/2014	22:10	2	SE
29/03/2014	19:00	0	S	29/03/2014	22:15	2	SSE
29/03/2014	19:05	0	SSE	29/03/2014	22:20	2	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/03/2014	22:25	1	SSE
29/03/2014	22:30	0	---
29/03/2014	22:35	0	---
29/03/2014	22:40	1	SSE
29/03/2014	22:45	1	E
29/03/2014	22:50	1	ENE
29/03/2014	22:55	0	---
29/03/2014	23:00	0	---
29/03/2014	23:05	0	---
29/03/2014	23:10	0	---
29/03/2014	23:15	0	---
29/03/2014	23:20	0	---
29/03/2014	23:25	0	---
29/03/2014	23:30	0	---
29/03/2014	23:35	0	---
29/03/2014	23:40	0	---
29/03/2014	23:45	0	---
29/03/2014	23:50	0	---
29/03/2014	23:55	1	NW
30/03/2014	00:00	2	NNW
30/03/2014	00:05	0	---
30/03/2014	00:10	0	NNW
30/03/2014	00:15	1	N
30/03/2014	00:20	0	N
30/03/2014	00:25	0	---
30/03/2014	00:30	0	---
30/03/2014	00:35	0	---
30/03/2014	00:40	0	---
30/03/2014	00:45	0	---
30/03/2014	00:50	0	---
30/03/2014	00:55	0	---
30/03/2014	01:00	0	---
30/03/2014	01:05	0	---
30/03/2014	01:10	0	---
30/03/2014	01:15	0	---
30/03/2014	01:20	1	SSE
30/03/2014	01:25	0	---
30/03/2014	01:30	0	SSE
30/03/2014	01:35	0	---
30/03/2014	01:40	0	WNW
30/03/2014	01:45	1	WNW
30/03/2014	01:50	0	N
30/03/2014	01:55	2	NNW
30/03/2014	02:00	2	NW
30/03/2014	02:05	1	NW
30/03/2014	02:10	0	---
30/03/2014	02:15	2	WNW
30/03/2014	02:20	2	WNW
30/03/2014	02:25	2	ENE
30/03/2014	02:30	2	WNW
30/03/2014	02:35	2	WNW
30/03/2014	02:40	3	WNW
30/03/2014	02:45	1	W
30/03/2014	02:50	1	WSW
30/03/2014	02:55	0	SSE
30/03/2014	03:00	0	S
30/03/2014	03:05	1	WNW
30/03/2014	03:10	2	WNW
30/03/2014	03:15	3	NW
30/03/2014	03:20	1	NNW
30/03/2014	03:25	1	NNW
30/03/2014	03:30	1	SE
30/03/2014	03:35	0	---
30/03/2014	03:40	1	WNW
30/03/2014	03:45	0	WNW
30/03/2014	03:50	0	---
30/03/2014	03:55	2	E
30/03/2014	04:00	1	NW
30/03/2014	04:05	3	NW
30/03/2014	04:10	3	NNW
30/03/2014	04:15	3	N
30/03/2014	04:20	9	NNE
30/03/2014	04:25	7	NNE
30/03/2014	04:30	2	NNE
30/03/2014	04:35	1	S
30/03/2014	04:40	2	SSW
30/03/2014	04:45	1	WNW
30/03/2014	04:50	0	NW

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/03/2014	11:25	5	SSE	30/03/2014	14:40	10	SSE
30/03/2014	11:30	7	SE	30/03/2014	14:45	8	SE
30/03/2014	11:35	11	SE	30/03/2014	14:50	8	S
30/03/2014	11:40	5	SSE	30/03/2014	14:55	6	SSE
30/03/2014	11:45	6	SSE	30/03/2014	15:00	7	SSE
30/03/2014	11:50	8	SSE	30/03/2014	15:05	8	SSE
30/03/2014	11:55	7	SSE	30/03/2014	15:10	5	SSE
30/03/2014	12:00	9	SE	30/03/2014	15:15	7	ESE
30/03/2014	12:05	5	SSE	30/03/2014	15:20	4	SSE
30/03/2014	12:10	8	SSE	30/03/2014	15:25	6	SSE
30/03/2014	12:15	7	SE	30/03/2014	15:30	5	SE
30/03/2014	12:20	10	SSE	30/03/2014	15:35	7	ESE
30/03/2014	12:25	12	SSE	30/03/2014	15:40	3	S
30/03/2014	12:30	11	SSE	30/03/2014	15:45	7	SSW
30/03/2014	12:35	11	SSE	30/03/2014	15:50	3	E
30/03/2014	12:40	12	SSE	30/03/2014	15:55	3	SSE
30/03/2014	12:45	11	SE	30/03/2014	16:00	3	SSE
30/03/2014	12:50	9	SSE	30/03/2014	16:05	4	WSW
30/03/2014	12:55	14	SSE	30/03/2014	16:10	5	ENE
30/03/2014	13:00	10	SSE	30/03/2014	16:15	4	ESE
30/03/2014	13:05	12	SSE	30/03/2014	16:20	4	SSE
30/03/2014	13:10	11	SSE	30/03/2014	16:25	7	SSE
30/03/2014	13:15	8	SSE	30/03/2014	16:30	6	SSE
30/03/2014	13:20	6	S	30/03/2014	16:35	7	SE
30/03/2014	13:25	6	SSE	30/03/2014	16:40	4	S
30/03/2014	13:30	6	SSE	30/03/2014	16:45	3	SSE
30/03/2014	13:35	4	ESE	30/03/2014	16:50	3	N
30/03/2014	13:40	3	NNW	30/03/2014	16:55	3	S
30/03/2014	13:45	4	SSE	30/03/2014	17:00	3	SSE
30/03/2014	13:50	6	ESE	30/03/2014	17:05	5	SSE
30/03/2014	13:55	5	ENE	30/03/2014	17:10	4	SSE
30/03/2014	14:00	7	SSE	30/03/2014	17:15	4	ESE
30/03/2014	14:05	8	SE	30/03/2014	17:20	3	SSW
30/03/2014	14:10	9	SSE	30/03/2014	17:25	7	SSE
30/03/2014	14:15	6	SSE	30/03/2014	17:30	11	SE
30/03/2014	14:20	7	SE	30/03/2014	17:35	8	SSE
30/03/2014	14:25	6	SSE	30/03/2014	17:40	8	SE
30/03/2014	14:30	9	S	30/03/2014	17:45	8	SE
30/03/2014	14:35	7	SE	30/03/2014	17:50	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/03/2014	17:55	7	SE	30/03/2014	21:10	10	ENE
30/03/2014	18:00	7	SSE	30/03/2014	21:15	9	NNE
30/03/2014	18:05	11	SSE	30/03/2014	21:20	7	E
30/03/2014	18:10	9	SSE	30/03/2014	21:25	4	ENE
30/03/2014	18:15	8	SSE	30/03/2014	21:30	6	S
30/03/2014	18:20	6	SSE	30/03/2014	21:35	8	S
30/03/2014	18:25	9	SSE	30/03/2014	21:40	9	SSE
30/03/2014	18:30	7	SSE	30/03/2014	21:45	4	NNW
30/03/2014	18:35	9	SSE	30/03/2014	21:50	3	ESE
30/03/2014	18:40	6	SE	30/03/2014	21:55	3	SSW
30/03/2014	18:45	11	SSE	30/03/2014	22:00	5	S
30/03/2014	18:50	11	SSE	30/03/2014	22:05	3	SSW
30/03/2014	18:55	7	S	30/03/2014	22:10	2	WSW
30/03/2014	19:00	7	SSE	30/03/2014	22:15	3	W
30/03/2014	19:05	9	SSE	30/03/2014	22:20	6	WNW
30/03/2014	19:10	9	SE	30/03/2014	22:25	4	WNW
30/03/2014	19:15	11	SE	30/03/2014	22:30	4	WNW
30/03/2014	19:20	11	SSE	30/03/2014	22:35	4	WNW
30/03/2014	19:25	15	SSE	30/03/2014	22:40	3	WNW
30/03/2014	19:30	18	SE	30/03/2014	22:45	1	SW
30/03/2014	19:35	18	SSE	30/03/2014	22:50	1	NW
30/03/2014	19:40	19	SE	30/03/2014	22:55	1	NW
30/03/2014	19:45	18	SE	30/03/2014	23:00	3	NNE
30/03/2014	19:50	11	ESE	30/03/2014	23:05	1	W
30/03/2014	19:55	9	ENE	30/03/2014	23:10	5	SSE
30/03/2014	20:00	3	SSW	30/03/2014	23:15	14	SSE
30/03/2014	20:05	10	S	30/03/2014	23:20	10	SE
30/03/2014	20:10	4	S	30/03/2014	23:25	8	SSE
30/03/2014	20:15	6	SSE	30/03/2014	23:30	8	SE
30/03/2014	20:20	6	SSE	30/03/2014	23:35	5	ENE
30/03/2014	20:25	6	SE	30/03/2014	23:40	13	SW
30/03/2014	20:30	7	ESE	30/03/2014	23:45	12	SSE
30/03/2014	20:35	5	SE	30/03/2014	23:50	10	SE
30/03/2014	20:40	8	SSE	30/03/2014	23:55	14	SE
30/03/2014	20:45	3	SSE	31/03/2014	00:00	14	SE
30/03/2014	20:50	5	SSE	31/03/2014	00:05	13	SSE
30/03/2014	20:55	6	SSE	31/03/2014	00:10	8	SSE
30/03/2014	21:00	4	SSW	31/03/2014	00:15	9	SSE
30/03/2014	21:05	11	ENE	31/03/2014	00:20	5	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/03/2014	00:25	5	SSW
31/03/2014	00:30	8	SSE
31/03/2014	00:35	5	ESE
31/03/2014	00:40	6	SSE
31/03/2014	00:45	9	SE
31/03/2014	00:50	9	SSE
31/03/2014	00:55	9	SE
31/03/2014	01:00	15	SE
31/03/2014	01:05	13	SE
31/03/2014	01:10	12	SSE
31/03/2014	01:15	12	SSE
31/03/2014	01:20	8	SE
31/03/2014	01:25	8	SE
31/03/2014	01:30	9	SSE
31/03/2014	01:35	11	SSE
31/03/2014	01:40	13	SSE
31/03/2014	01:45	10	SSE
31/03/2014	01:50	11	SE
31/03/2014	01:55	12	SSE
31/03/2014	02:00	11	SSE
31/03/2014	02:05	8	SSE
31/03/2014	02:10	5	W
31/03/2014	02:15	8	E
31/03/2014	02:20	6	ESE
31/03/2014	02:25	9	SE
31/03/2014	02:30	11	SSE
31/03/2014	02:35	11	SSE
31/03/2014	02:40	8	SSE
31/03/2014	02:45	6	SSE
31/03/2014	02:50	7	ESE
31/03/2014	02:55	7	ESE
31/03/2014	03:00	8	ESE
31/03/2014	03:05	12	SSE
31/03/2014	03:10	11	SE
31/03/2014	03:15	11	SE
31/03/2014	03:20	12	SE
31/03/2014	03:25	14	SE
31/03/2014	03:30	12	SE
31/03/2014	03:35	14	SSE
31/03/2014	03:40	12	SE
31/03/2014	03:45	8	SE
31/03/2014	03:50	11	SE
31/03/2014	03:55	11	SE
31/03/2014	04:00	11	SE
31/03/2014	04:05	12	SSE
31/03/2014	04:10	14	SE
31/03/2014	04:15	11	SE
31/03/2014	04:20	13	SSE
31/03/2014	04:25	12	SE
31/03/2014	04:30	12	SSE
31/03/2014	04:35	11	SSE
31/03/2014	04:40	6	SE
31/03/2014	04:45	7	NNW
31/03/2014	04:50	5	ESE
31/03/2014	04:55	7	NNW
31/03/2014	05:00	7	NNW
31/03/2014	05:05	5	NNE
31/03/2014	05:10	5	E
31/03/2014	05:15	4	SSE
31/03/2014	05:20	5	N
31/03/2014	05:25	4	ENE
31/03/2014	05:30	7	NE
31/03/2014	05:35	4	NNE
31/03/2014	05:40	4	NE
31/03/2014	05:45	7	N
31/03/2014	05:50	6	SSE
31/03/2014	05:55	12	SSE
31/03/2014	06:00	11	SSE
31/03/2014	06:05	9	SSE
31/03/2014	06:10	13	SE
31/03/2014	06:15	15	SSE
31/03/2014	06:20	17	SSE
31/03/2014	06:25	19	SE
31/03/2014	06:30	15	SSE
31/03/2014	06:35	19	SSE
31/03/2014	06:40	17	SSE
31/03/2014	06:45	18	SSE
31/03/2014	06:50	16	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/03/2014	06:55	18	SSE
31/03/2014	07:00	18	SSE
31/03/2014	07:05	14	SE
31/03/2014	07:10	17	SSE
31/03/2014	07:15	15	SSE
31/03/2014	07:20	15	SSE
31/03/2014	07:25	17	SSE
31/03/2014	07:30	17	SSE
31/03/2014	07:35	7	SSE
31/03/2014	07:40	9	SSE
31/03/2014	07:45	6	SSE
31/03/2014	07:50	12	SSE
31/03/2014	07:55	15	SSE
31/03/2014	08:00	16	SSE
31/03/2014	08:05	14	SSE
31/03/2014	08:10	12	SSE
31/03/2014	08:15	10	SE
31/03/2014	08:20	10	SE
31/03/2014	08:25	8	SSE
31/03/2014	08:30	4	SE
31/03/2014	08:35	4	ESE
31/03/2014	08:40	4	ESE
31/03/2014	08:45	5	WNW
31/03/2014	08:50	9	S
31/03/2014	08:55	8	SE
31/03/2014	09:00	5	ESE
31/03/2014	09:05	14	NNE
31/03/2014	09:10	11	NNW
31/03/2014	09:15	7	NE
31/03/2014	09:20	5	E
31/03/2014	09:25	5	SSE
31/03/2014	09:30	1	SW
31/03/2014	09:35	5	SSE
31/03/2014	09:40	4	WNW
31/03/2014	09:45	5	S
31/03/2014	09:50	3	S
31/03/2014	09:55	3	SSW
31/03/2014	10:00	2	SW
31/03/2014	10:05	3	W
31/03/2014	10:10	1	S
31/03/2014	10:15	3	SSE
31/03/2014	10:20	1	SSE
31/03/2014	10:25	0	S
31/03/2014	10:30	2	S
31/03/2014	10:35	2	WNW
31/03/2014	10:40	4	NNW
31/03/2014	10:45	2	NNW
31/03/2014	10:50	0	SSW
31/03/2014	10:55	1	S
31/03/2014	11:00	0	---
31/03/2014	11:05	1	ESE
31/03/2014	11:10	2	SE
31/03/2014	11:15	1	SSE
31/03/2014	11:20	1	E
31/03/2014	11:25	0	---
31/03/2014	11:30	0	---
31/03/2014	11:35	0	SSE
31/03/2014	11:40	3	SE
31/03/2014	11:45	3	NW
31/03/2014	11:50	3	NW
31/03/2014	11:55	3	SSE
31/03/2014	12:00	1	S
31/03/2014	12:05	3	ESE
31/03/2014	12:10	3	WSW
31/03/2014	12:15	2	WSW
31/03/2014	12:20	3	W
31/03/2014	12:25	3	WNW
31/03/2014	12:30	3	NNW
31/03/2014	12:35	0	NNW
31/03/2014	12:40	0	SE
31/03/2014	12:45	1	NNW
31/03/2014	12:50	2	NE
31/03/2014	12:55	2	S
31/03/2014	13:00	1	S
31/03/2014	13:05	1	WSW
31/03/2014	13:10	1	W
31/03/2014	13:15	2	SSW
31/03/2014	13:20	1	SSE

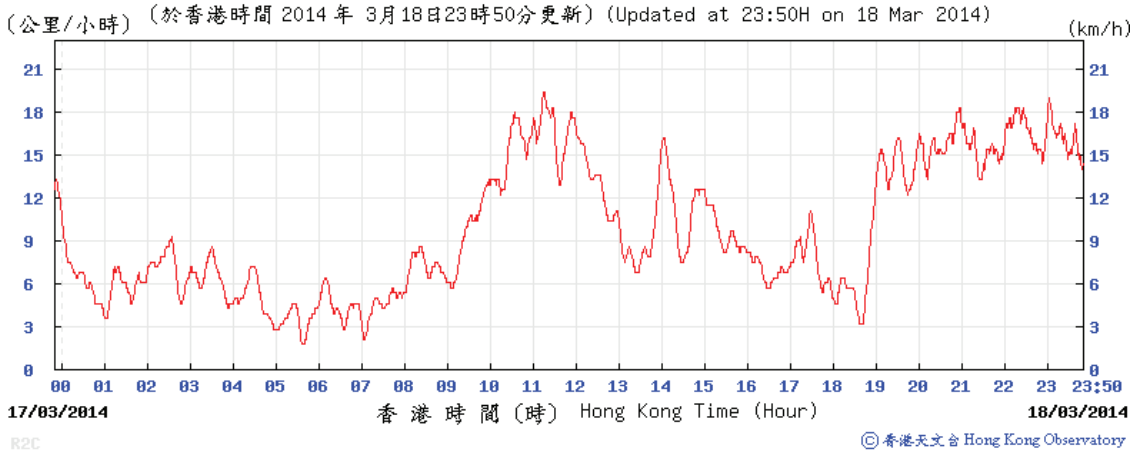
Extracted from the weather station at Tung Chung China State Site Office Rooftop

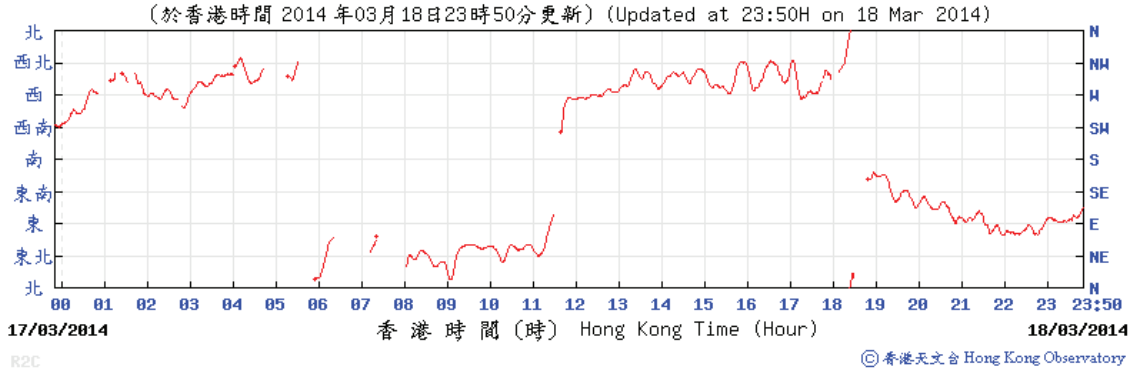
Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/03/2014	13:25	0	SSE	31/03/2014	16:40	2	E
31/03/2014	13:30	0	---	31/03/2014	16:45	2	SSE
31/03/2014	13:35	0	---	31/03/2014	16:50	0	SSE
31/03/2014	13:40	0	---	31/03/2014	16:55	0	SSE
31/03/2014	13:45	0	---	31/03/2014	17:00	2	E
31/03/2014	13:50	0	---	31/03/2014	17:05	2	ENE
31/03/2014	13:55	0	---	31/03/2014	17:10	2	S
31/03/2014	14:00	0	---	31/03/2014	17:15	0	S
31/03/2014	14:05	0	---	31/03/2014	17:20	0	S
31/03/2014	14:10	0	---	31/03/2014	17:25	0	---
31/03/2014	14:15	0	---	31/03/2014	17:30	1	S
31/03/2014	14:20	1	N	31/03/2014	17:35	1	SE
31/03/2014	14:25	4	NNW	31/03/2014	17:40	1	SE
31/03/2014	14:30	3	NW	31/03/2014	17:45	1	SE
31/03/2014	14:35	4	NNW	31/03/2014	17:50	0	SSE
31/03/2014	14:40	3	NNW	31/03/2014	17:55	0	---
31/03/2014	14:45	3	NNW	31/03/2014	18:00	0	---
31/03/2014	14:50	3	NNW	31/03/2014	18:05	0	---
31/03/2014	14:55	2	NNW	31/03/2014	18:10	0	---
31/03/2014	15:00	3	NNE	31/03/2014	18:15	0	---
31/03/2014	15:05	4	NNE	31/03/2014	18:20	0	---
31/03/2014	15:10	1	NNE	31/03/2014	18:25	0	---
31/03/2014	15:15	2	SE	31/03/2014	18:30	1	S
31/03/2014	15:20	1	SE	31/03/2014	18:35	0	S
31/03/2014	15:25	3	NE	31/03/2014	18:40	1	S
31/03/2014	15:30	2	NE	31/03/2014	18:45	2	E
31/03/2014	15:35	1	SE	31/03/2014	18:50	2	E
31/03/2014	15:40	3	E	31/03/2014	18:55	2	SSE
31/03/2014	15:45	1	ESE	31/03/2014	19:00	1	SSE
31/03/2014	15:50	3	ESE	31/03/2014	19:05	2	SE
31/03/2014	15:55	4	SE	31/03/2014	19:10	1	SSE
31/03/2014	16:00	4	SE	31/03/2014	19:15	0	SSE
31/03/2014	16:05	3	SE	31/03/2014	19:20	0	SSE
31/03/2014	16:10	3	ESE	31/03/2014	19:25	0	SSE
31/03/2014	16:15	3	ESE	31/03/2014	19:30	0	---
31/03/2014	16:20	2	ESE	31/03/2014	19:35	0	SSE
31/03/2014	16:25	1	SSE	31/03/2014	19:40	1	SSE
31/03/2014	16:30	0	---	31/03/2014	19:45	1	NNE
31/03/2014	16:35	0	---	31/03/2014	19:50	0	N

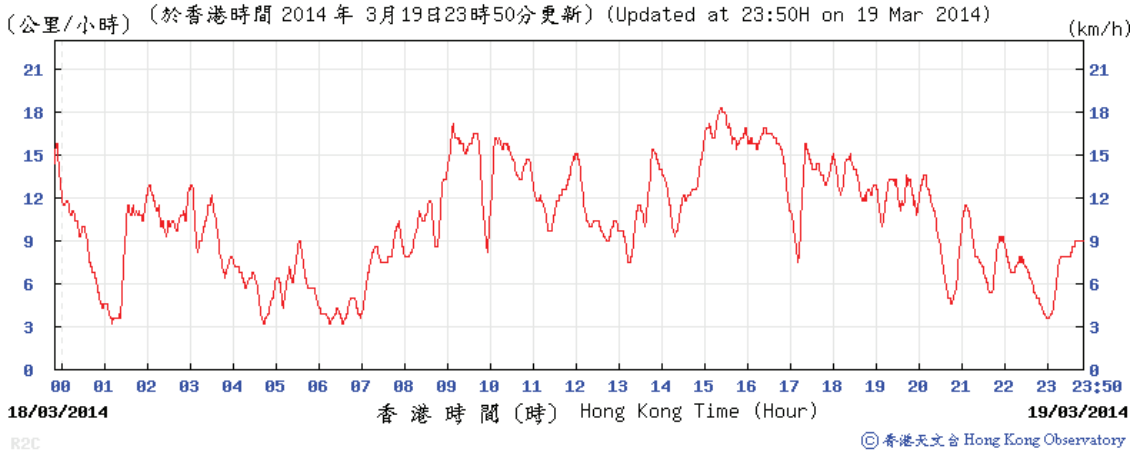
Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/03/2014	19:55	1	N
31/03/2014	20:00	0	N
31/03/2014	20:05	0	---
31/03/2014	20:10	0	---
31/03/2014	20:15	1	N
31/03/2014	20:20	3	N
31/03/2014	20:25	1	N
31/03/2014	20:30	2	N
31/03/2014	20:35	0	N
31/03/2014	20:40	0	N
31/03/2014	20:45	0	---
31/03/2014	20:50	0	---
31/03/2014	20:55	0	N
31/03/2014	21:00	1	N
31/03/2014	21:05	2	N
31/03/2014	21:10	3	N
31/03/2014	21:15	1	N
31/03/2014	21:20	0	---
31/03/2014	21:25	0	---
31/03/2014	21:30	0	---
31/03/2014	21:35	0	---
31/03/2014	21:40	1	N
31/03/2014	21:45	2	N
31/03/2014	21:50	3	NW
31/03/2014	21:55	4	N
31/03/2014	22:00	5	NNW
31/03/2014	22:05	6	NNW
31/03/2014	22:10	4	NNW
31/03/2014	22:15	3	NW
31/03/2014	22:20	4	NNW
31/03/2014	22:25	3	NNW
31/03/2014	22:30	1	NNW
31/03/2014	22:35	0	---
31/03/2014	22:40	0	---
31/03/2014	22:45	0	---
31/03/2014	22:50	0	---
31/03/2014	22:55	0	---
31/03/2014	23:00	0	---
31/03/2014	23:05	0	---
31/03/2014	23:10	0	---
31/03/2014	23:15	0	---
31/03/2014	23:20	0	---
31/03/2014	23:25	0	---
31/03/2014	23:30	0	---
31/03/2014	23:35	0	---
31/03/2014	23:40	0	---
31/03/2014	23:45	0	---
31/03/2014	23:50	0	SSE
31/03/2014	23:55	2	SSE
01/04/2014	00:00	1	ESE

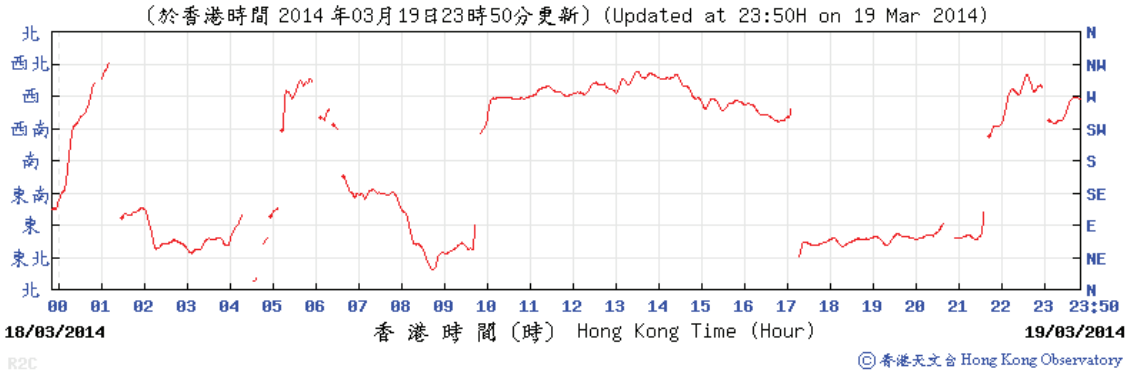
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

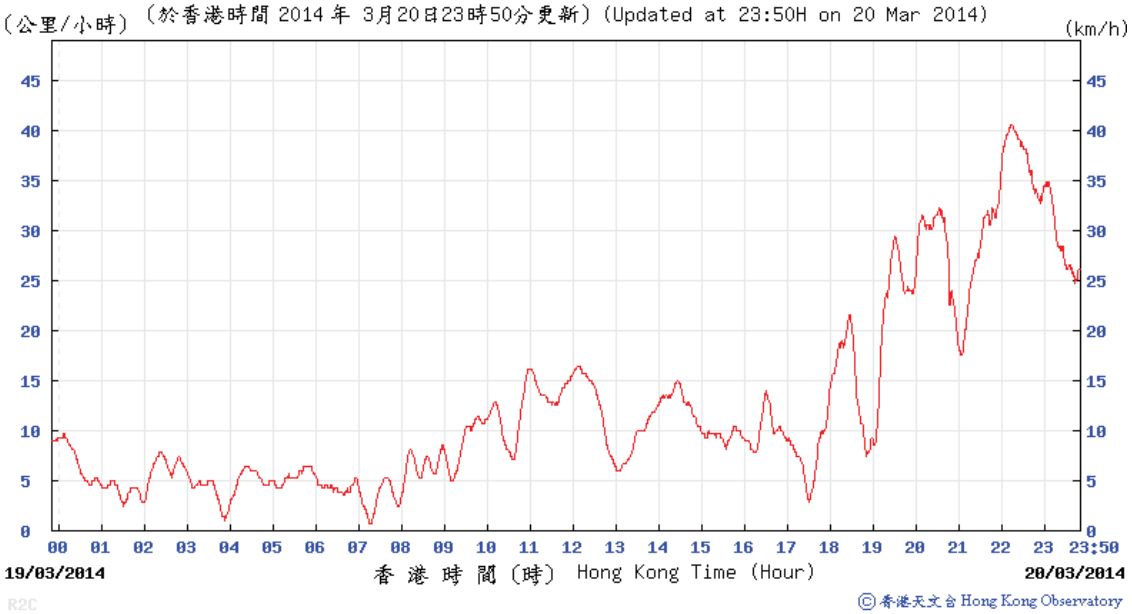


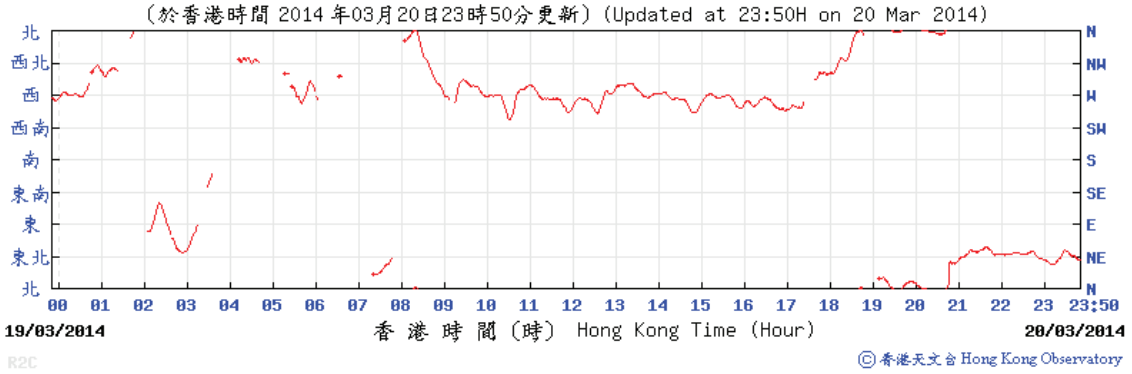




Wind data of Hong Kong Observatory's Chek Lap Kok weather station







APPENDIX H

Dolphin Monitoring Results

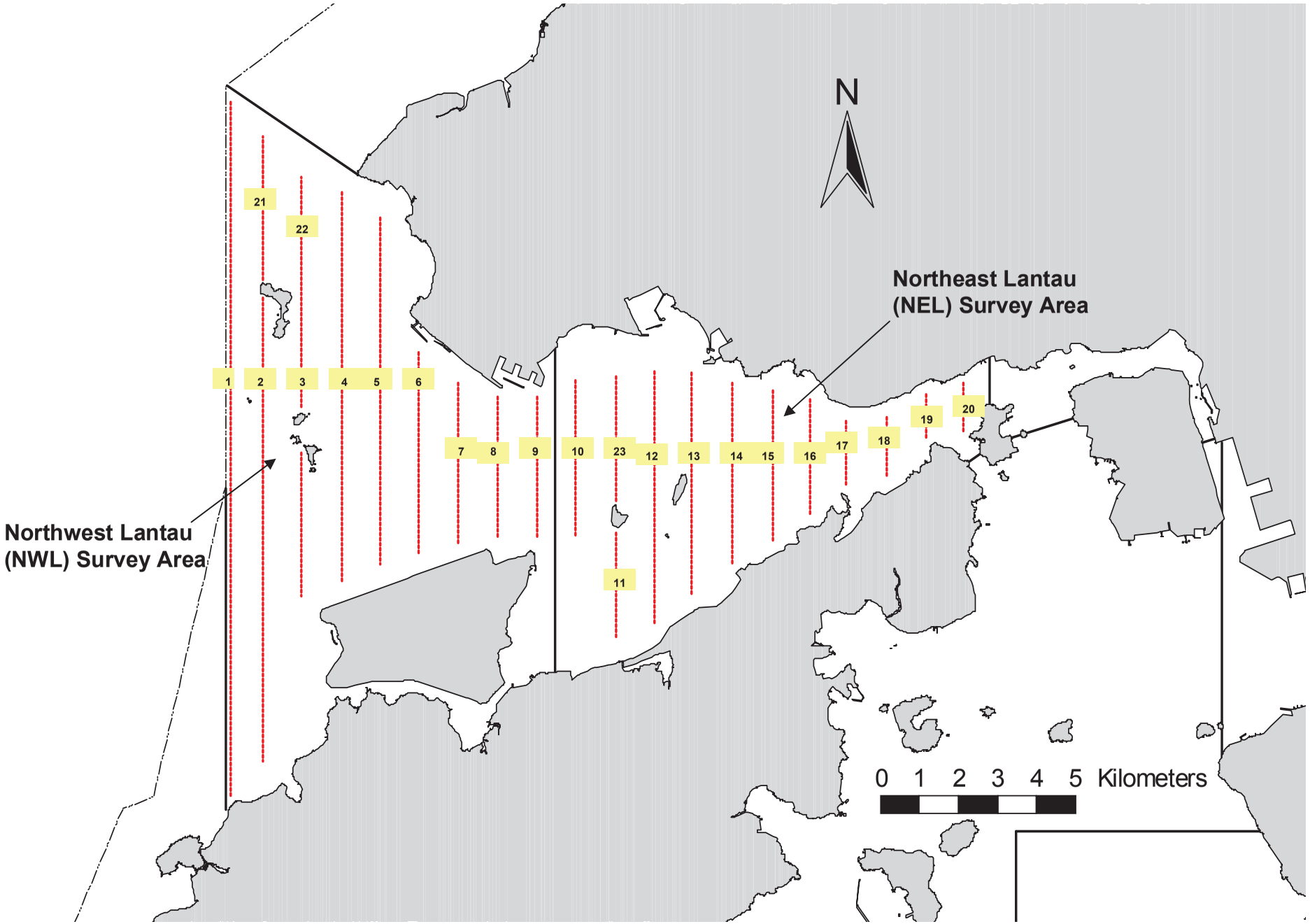


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

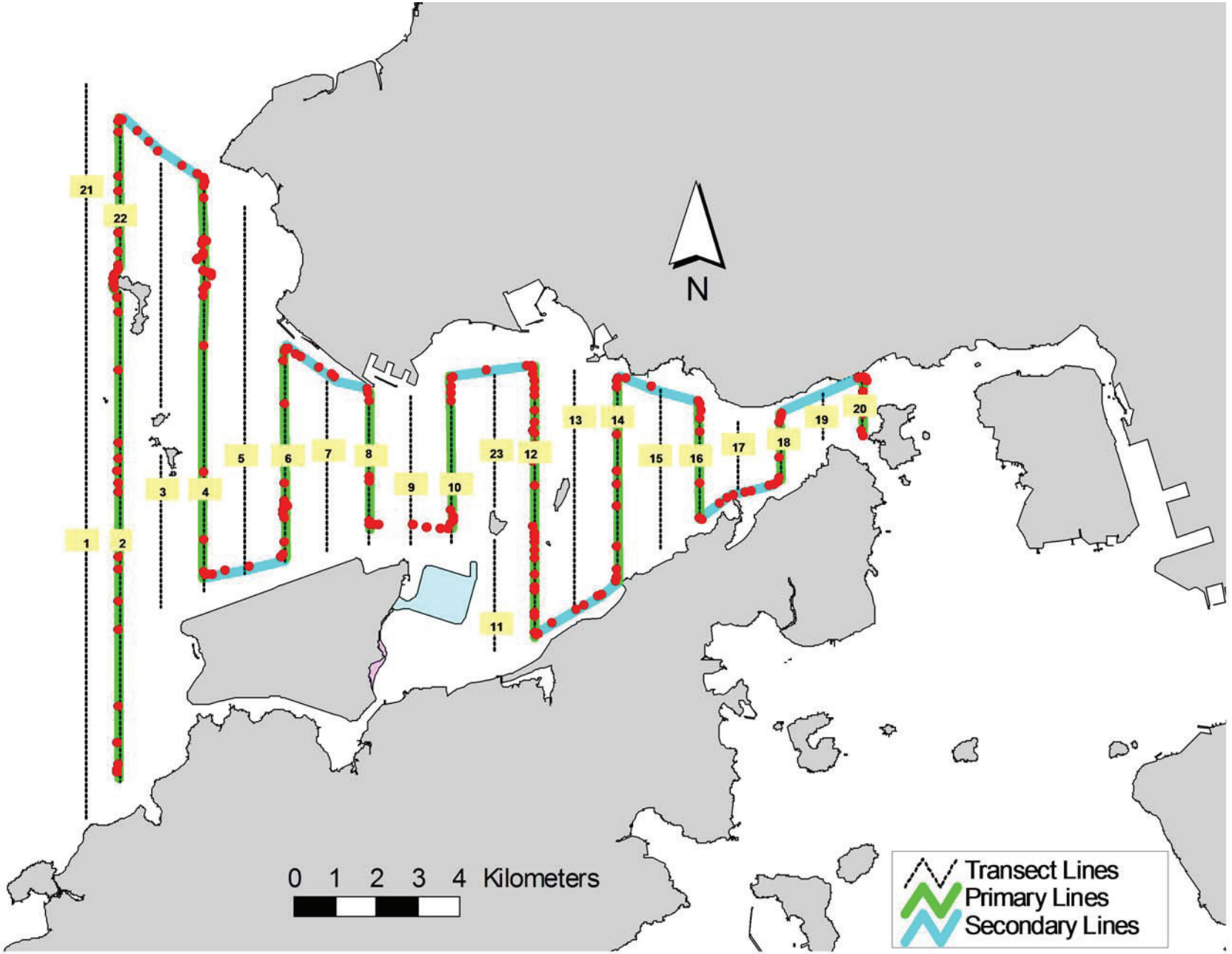


Figure 2. Survey Route on March 5th, 2014

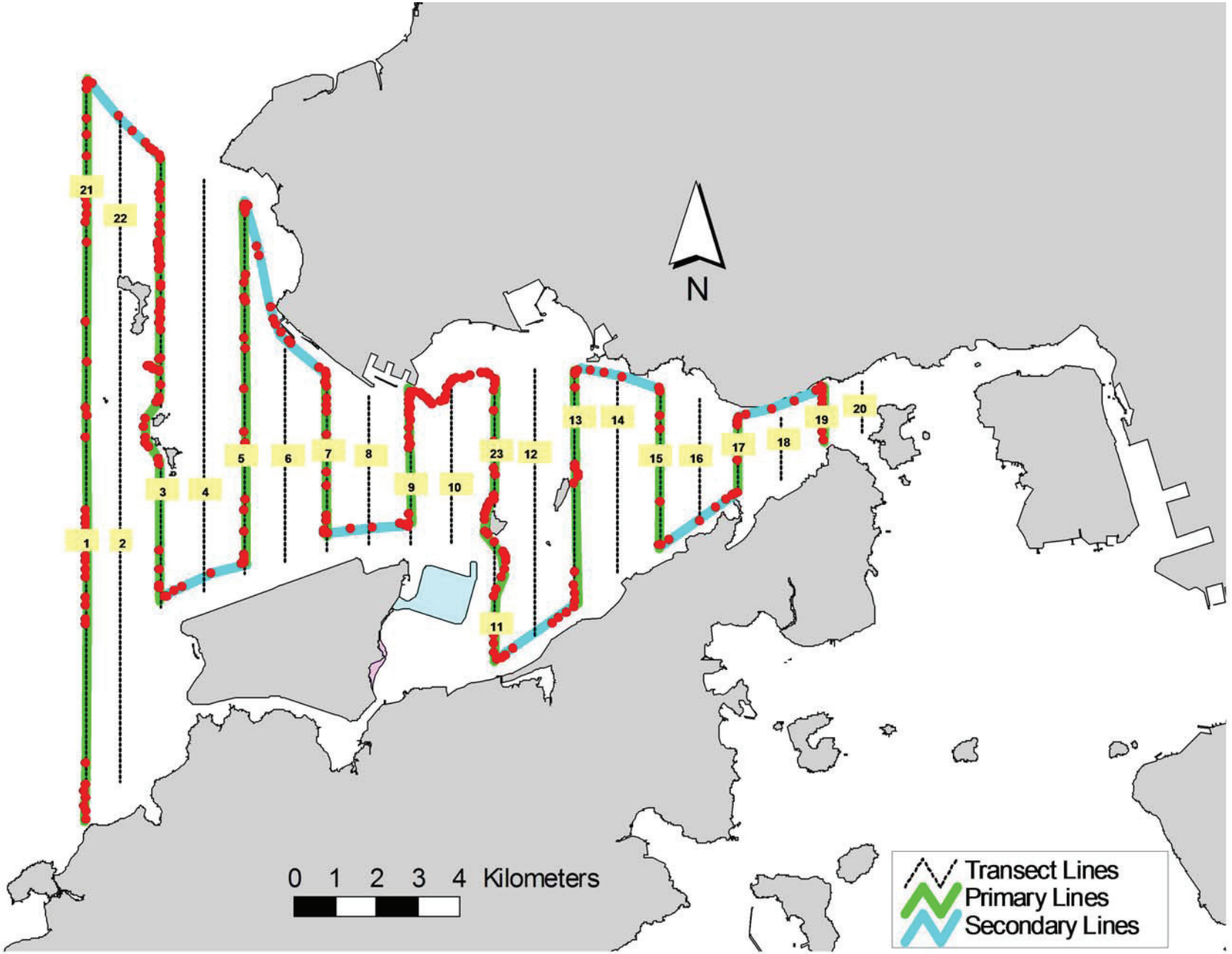


Figure 3. Survey Route on March 11th, 2014

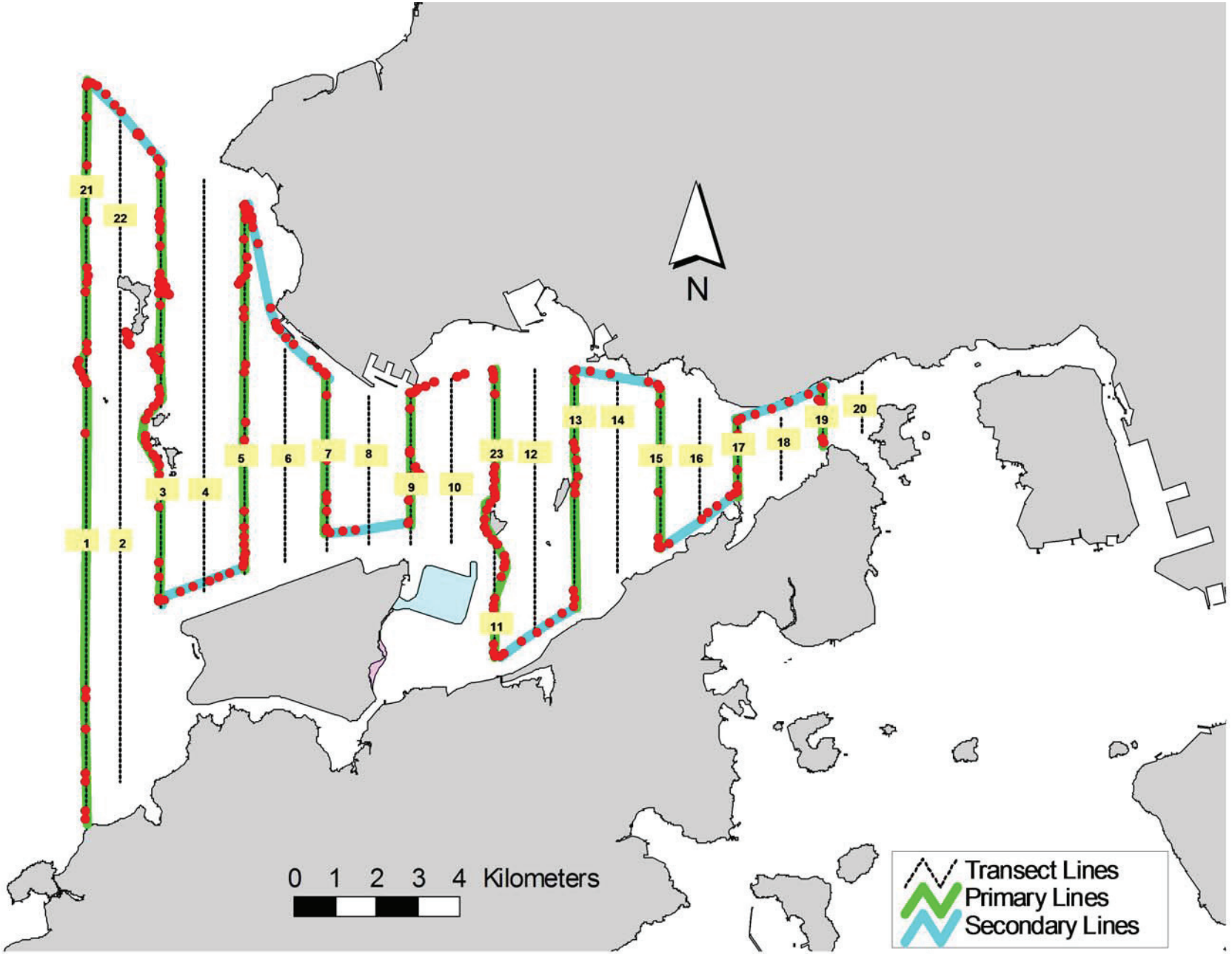


Figure 4. Survey Route on March 17th, 2014

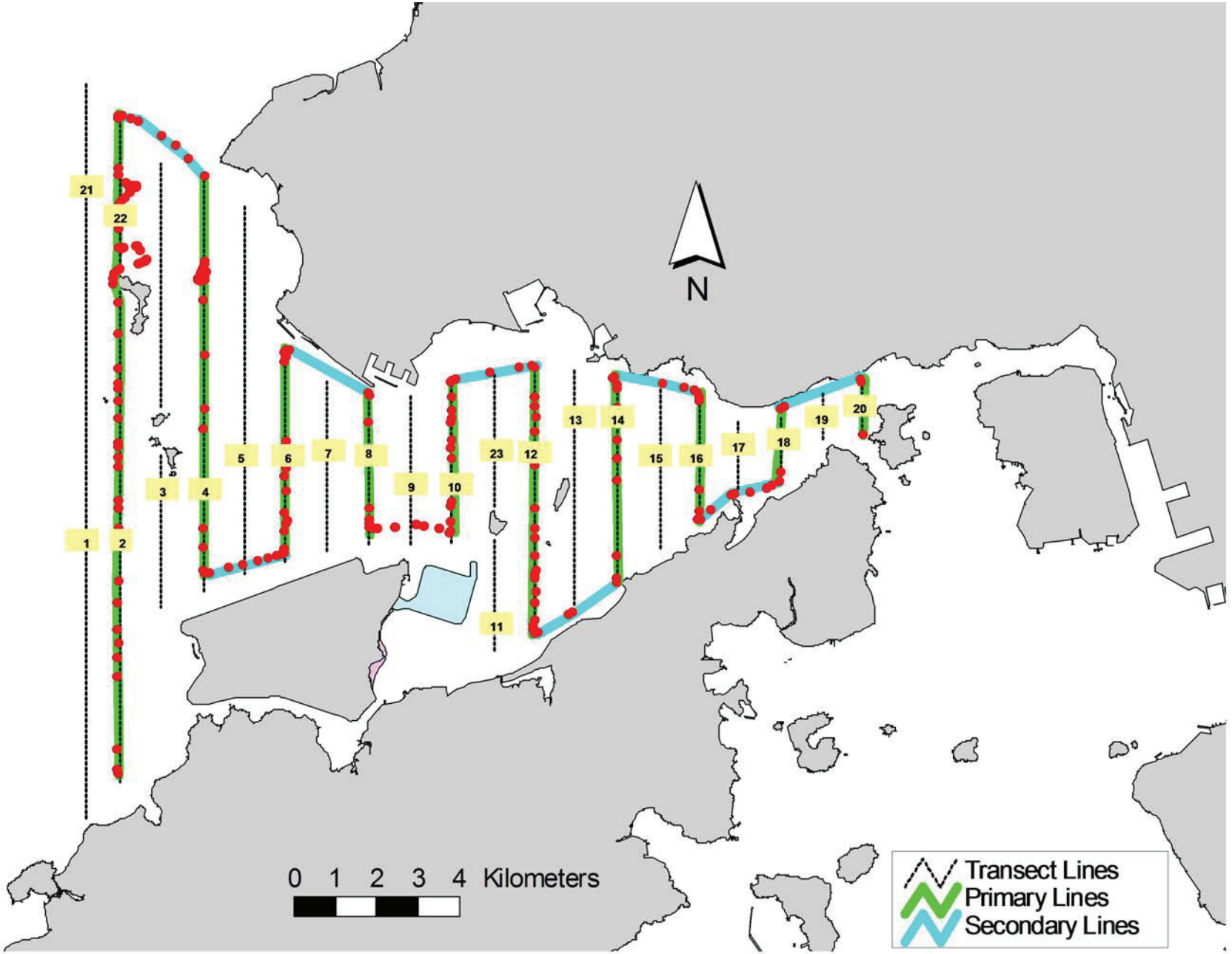


Figure 5. Survey Route on March 25th, 2014

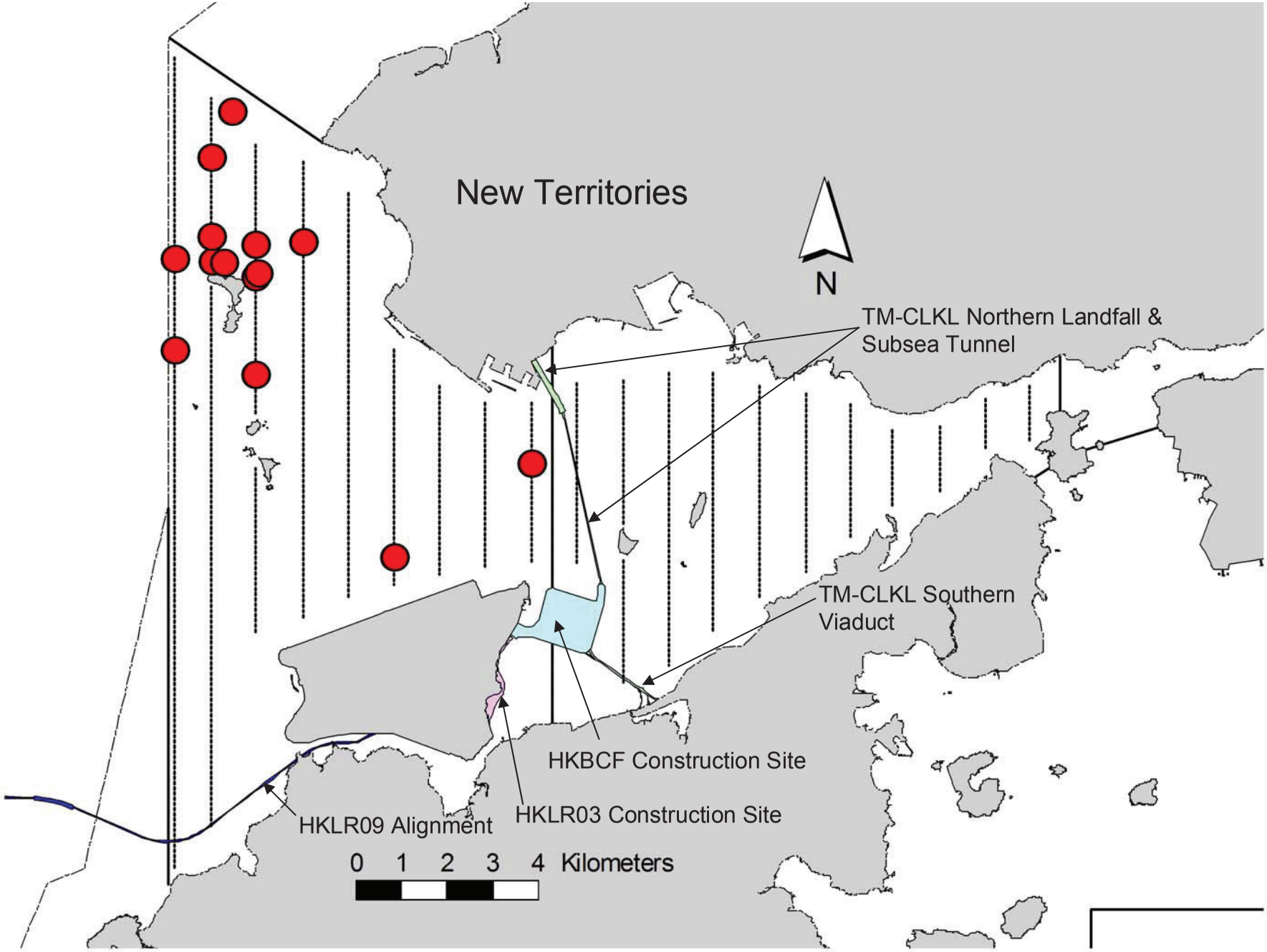


Figure 6. Distribution of Chinese White Dolphin Sightings During March 2014 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (March 2014)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
5-Mar-14	NW LANTAU	1	3.88	SPRING	STANDARD31516	HKLR	P
5-Mar-14	NW LANTAU	2	20.76	SPRING	STANDARD31516	HKLR	P
5-Mar-14	NW LANTAU	3	5.93	SPRING	STANDARD31516	HKLR	P
5-Mar-14	NW LANTAU	2	5.25	SPRING	STANDARD31516	HKLR	S
5-Mar-14	NW LANTAU	3	1.96	SPRING	STANDARD31516	HKLR	S
5-Mar-14	NE LANTAU	2	17.99	SPRING	STANDARD31516	HKLR	P
5-Mar-14	NE LANTAU	3	1.69	SPRING	STANDARD31516	HKLR	P
5-Mar-14	NE LANTAU	2	11.02	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NE LANTAU	2	1.40	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NE LANTAU	3	11.82	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NE LANTAU	4	2.90	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NE LANTAU	2	6.16	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NE LANTAU	3	4.12	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NE LANTAU	4	1.40	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NW LANTAU	1	1.70	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NW LANTAU	2	5.31	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NW LANTAU	3	9.08	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NW LANTAU	4	18.01	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NW LANTAU	5	6.14	SPRING	STANDARD31516	HKLR	P
11-Mar-14	NW LANTAU	2	6.91	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NW LANTAU	3	1.40	SPRING	STANDARD31516	HKLR	S
11-Mar-14	NW LANTAU	4	4.25	SPRING	STANDARD31516	HKLR	S
17-Mar-14	NW LANTAU	0	4.79	SPRING	STANDARD31516	HKLR	P
17-Mar-14	NW LANTAU	1	25.40	SPRING	STANDARD31516	HKLR	P
17-Mar-14	NW LANTAU	2	8.51	SPRING	STANDARD31516	HKLR	P
17-Mar-14	NW LANTAU	0	2.51	SPRING	STANDARD31516	HKLR	S
17-Mar-14	NW LANTAU	1	7.24	SPRING	STANDARD31516	HKLR	S
17-Mar-14	NW LANTAU	2	3.21	SPRING	STANDARD31516	HKLR	S
17-Mar-14	NE LANTAU	1	14.20	SPRING	STANDARD31516	HKLR	P
17-Mar-14	NE LANTAU	2	2.36	SPRING	STANDARD31516	HKLR	P
17-Mar-14	NE LANTAU	1	9.07	SPRING	STANDARD31516	HKLR	S
17-Mar-14	NE LANTAU	2	2.17	SPRING	STANDARD31516	HKLR	S
25-Mar-14	NE LANTAU	1	13.41	SPRING	STANDARD31516	HKLR	P
25-Mar-14	NE LANTAU	2	6.67	SPRING	STANDARD31516	HKLR	P
25-Mar-14	NE LANTAU	1	6.73	SPRING	STANDARD31516	HKLR	S
25-Mar-14	NE LANTAU	2	4.19	SPRING	STANDARD31516	HKLR	S
25-Mar-14	NW LANTAU	1	7.45	SPRING	STANDARD31516	HKLR	P
25-Mar-14	NW LANTAU	2	22.31	SPRING	STANDARD31516	HKLR	P
25-Mar-14	NW LANTAU	1	0.96	SPRING	STANDARD31516	HKLR	S
25-Mar-14	NW LANTAU	2	6.58	SPRING	STANDARD31516	HKLR	S

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

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

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
05-Mar-14	1	1053	3	NW LANTAU	2	64	ON	HKLR	827173	805499	SPRING	NONE	P
05-Mar-14	2	1126	13	NW LANTAU	2	ND	OFF	HKLR	827150	805736	SPRING	NONE	
05-Mar-14	3	1323	6	NW LANTAU	2	28	ON	HKLR	827568	807488	SPRING	NONE	P
11-Mar-14	1	1518	2	NW LANTAU	3	86	ON	HKLR	827525	806437	SPRING	NONE	P
17-Mar-14	1	1159	2	NW LANTAU	2	151	ON	HKLR	822985	812516	SPRING	NONE	P
17-Mar-14	2	1411	5	NW LANTAU	1	277	ON	HKLR	824834	806452	SPRING	NONE	P
17-Mar-14	3	1439	1	NW LANTAU	1	36	ON	HKLR	826839	806456	SPRING	NONE	P
17-Mar-14	4	1509	2	NW LANTAU	2	72	ON	HKLR	830273	805938	SPRING	NONE	S
17-Mar-14	5	1541	1	NW LANTAU	1	194	ON	HKLR	827219	804675	SPRING	NONE	P
17-Mar-14	6	1551	1	NW LANTAU	1	125	ON	HKLR	825325	804672	SPRING	NONE	P
25-Mar-14	1	1249	1	NW LANTAU	2	131	ON	HKLR	821041	809495	SPRING	NONE	P
25-Mar-14	2	1452	2	NW LANTAU	2	72	ON	HKLR	826927	806498	SPRING	NONE	P
25-Mar-14	3	1535	3	NW LANTAU	2	299	ON	HKLR	829321	805462	SPRING	NONE	P
25-Mar-14	4	1549	1	NW LANTAU	2	349	ON	HKLR	827693	805469	SPRING	NONE	P

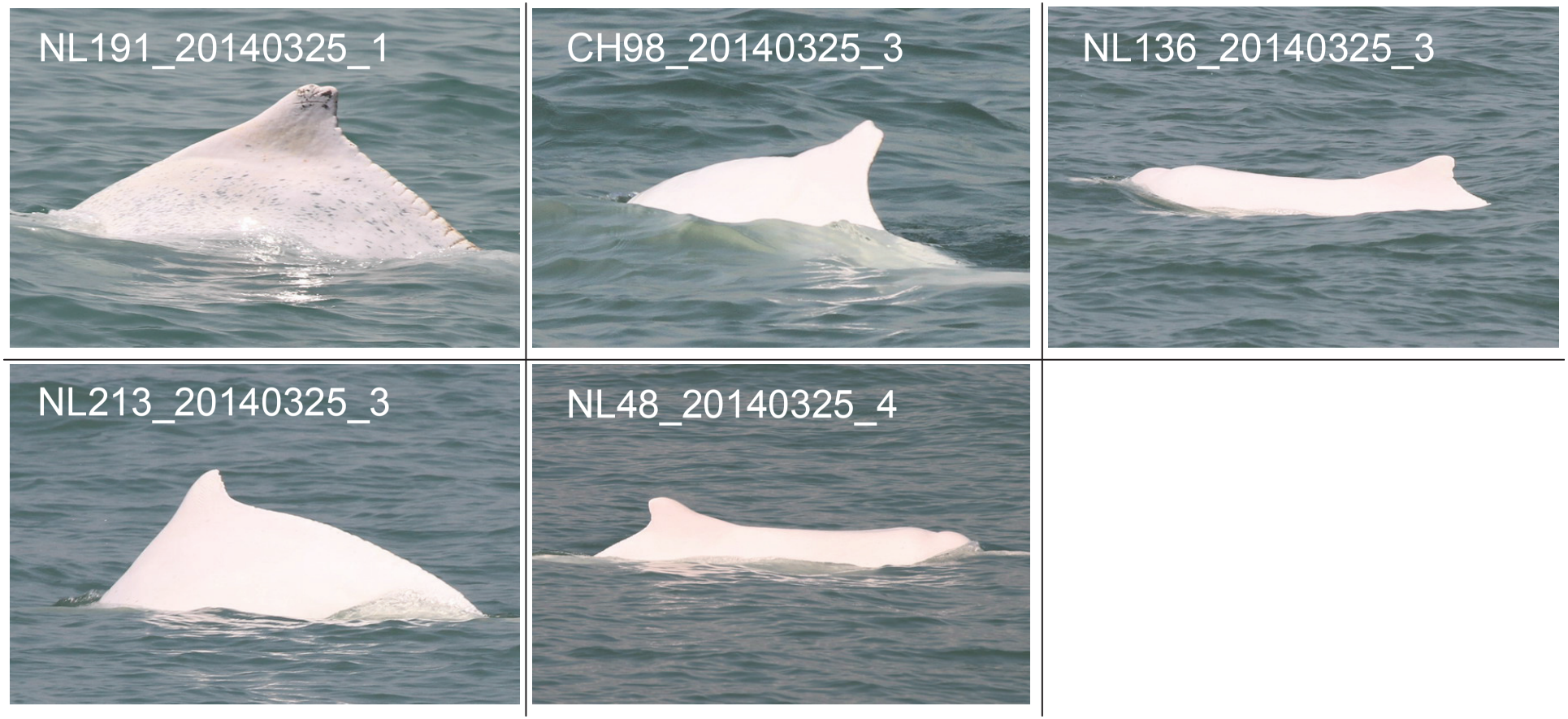
Annex III. Individual dolphins identified during HKLR03 monitoring surveys in March 2014

ID#	DATE	STG#	AREA
CH98	25/03/14	3	NW LANTAU
EL01	17/03/14	1	NW LANTAU
NL24	05/03/14	3	NW LANTAU
NL46	05/03/14	2	NW LANTAU
NL48	11/03/14	1	NW LANTAU
	25/03/14	4	NW LANTAU
NL49	05/03/14	2	NW LANTAU
NL104	05/03/14	2	NW LANTAU
	05/03/14	3	NW LANTAU
NL136	11/03/14	1	NW LANTAU
	17/03/14	2	NW LANTAU
	25/03/14	3	NW LANTAU
NL165	05/03/14	2	NW LANTAU
NL191	25/03/14	1	NW LANTAU
NL213	25/03/14	3	NW LANTAU
NL220	05/03/14	3	NW LANTAU
NL233	05/03/14	1	NW LANTAU
NL236	05/03/14	2	NW LANTAU
NL261	05/03/14	3	NW LANTAU
	17/03/14	1	NW LANTAU
NL262	05/03/14	3	NW LANTAU
NL272	05/03/14	2	NW LANTAU
NL284	17/03/14	2	NW LANTAU
NL295	05/03/14	2	NW LANTAU
NL296	05/03/14	1	NW LANTAU
	05/03/14	2	NW LANTAU
NL307	17/03/14	2	NW LANTAU
WL04	05/03/14	2	NW LANTAU
WL05	05/03/14	2	NW LANTAU
WL11	05/03/14	2	NW LANTAU
WL179	17/03/14	2	NW LANTAU
WL199	05/03/14	2	NW LANTAU

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

Annex IV. (cont'd)

Annex IV. (cont'd)



Annex IV. (cont'd)

APPENDIX I

Mudflat Monitoring Results

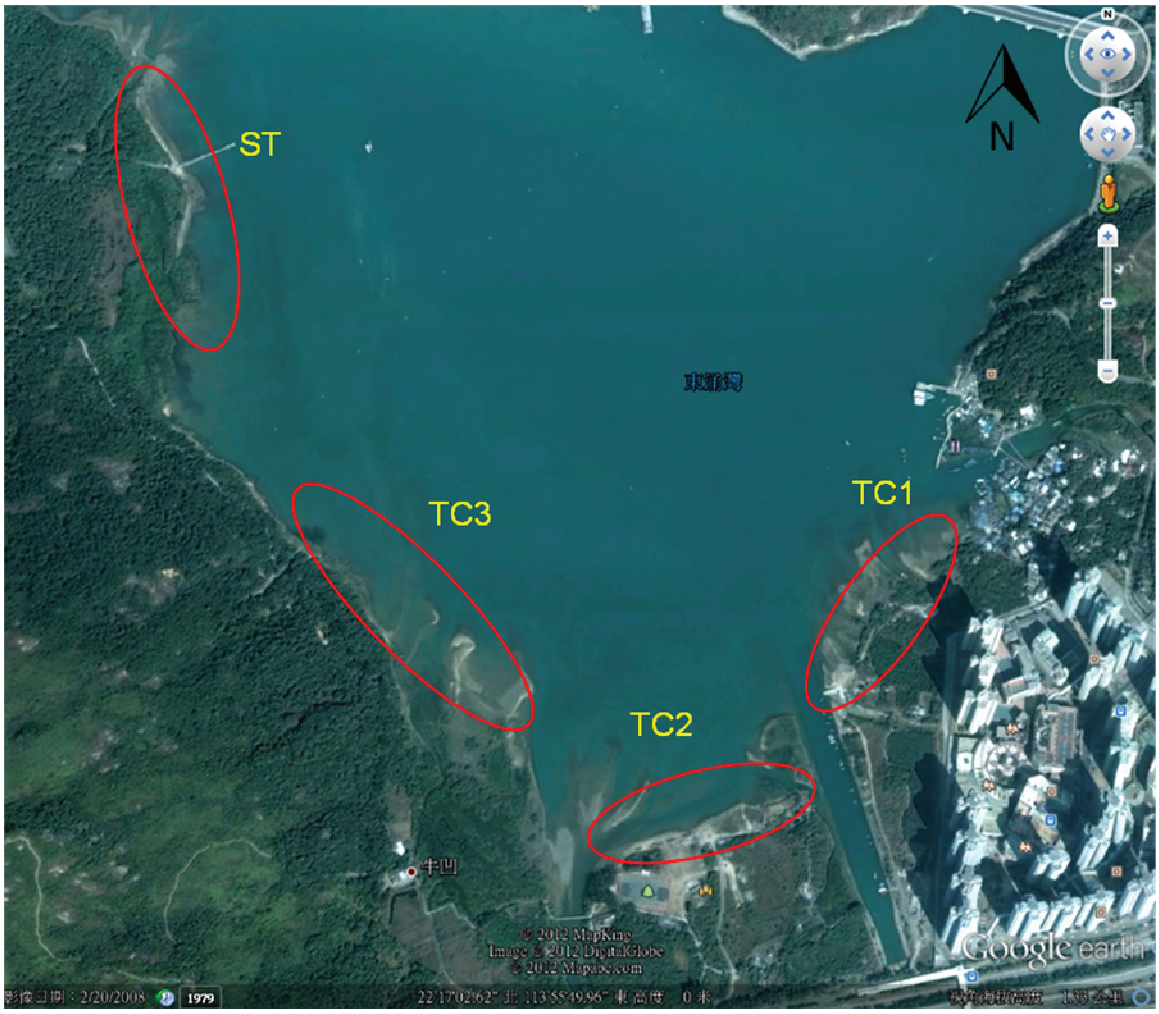


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)
Sampling site TC1 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	M	22° 17.083' N	113° 56.051' E	45.36
Sampling site TC2 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	M	22° 16.915' N	113° 55.879' E	44.61
Sampling site TC3 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	S	22° 17.069' N	113° 55.618' E	42.85
1	S	22° 17.044' N	113° 55.636' E	57.88
1	S	22° 17.041' N	113° 55.639' E	48.69

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

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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)				
Sampling site ST (Search hour = 3 hrs)								
Carcinoscorpius rotundicauda								
1	S	22° 17.236' N	113° 55.495' E	38.14				
1	S	22° 17.232' N	113° 55.498' E	35.17				
1	S	22° 17.224' N	113° 55.478' E	35.16				
2	M	22° 17.227' N	113° 55.475' E	34.52	47.62			
1	S	22° 17.216' N	113° 55.479' E	33.81				
5	S	22° 17.203' N	113° 55.489' E	32.8	35.55	40.8	41.17	49.43
1	S	22° 17.212' N	113° 55.496' E	37.56				
1	S	22° 17.231' N	113° 55.519' E	59.69				
1	S	22° 17.195' N	113° 55.510' E	27.12				
1	S	22° 17.191' N	113° 55.508' E	37.68				
1	M	22° 17.151' N	113° 55.489' E	42.25				

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

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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)							
Sampling site ST (Search hour = 3 hrs)											
Tachypleus tridentatus											
3	S	22° 17.231' N	113° 55.498' E	33.91	35.68	48.15					
1	S	22° 17.214' N	113° 55.480' E	51.76							
6	S	22° 17.205' N	113° 55.488' E	45.79	46.57	48.85	49.92	59.63	70.59		
1	S	22° 17.201' N	113° 55.500' E	58.7							
9	S	22° 17.212' N	113° 55.497' E	35.56	36.36	46.45	51.68	48.8	51.13	47.53	50.67
6	S	22° 17.217' N	113° 55.488' E	43.87	38.94	38.95	46.38	51.4	54.68		
2	S	22° 17.381' N	113° 55.471' E	52.2	54.65						
8	S	22° 17.391' N	113° 55.464' E	50.42	43.41	44.52	53.48	46.37	50.04	32.31	43.21
1	S	22° 17.344' N	113° 55.503' E	50.32							
1	S	22° 17.213' N	113° 55.507' E	54.99							
1	S	22° 17.194' N	113° 55.510' E	67.61							
3	S	22° 17.189' N	113° 55.508' E	43.23	50.45	52.97					
2	S	22° 17.179' N	113° 55.487' E	46.43	53.02						

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

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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)		
Sampling site ST (Search hour = 3 hrs)						
Tachypleus tridentatus						
1	M	22° 17.154' N	113° 55.492' E	39.75		
Sampling site ST (Search hour = 3 hrs)						
Tachypleus tridentatus (artificially released)						
3	S	\		39.3	44.59	45.72

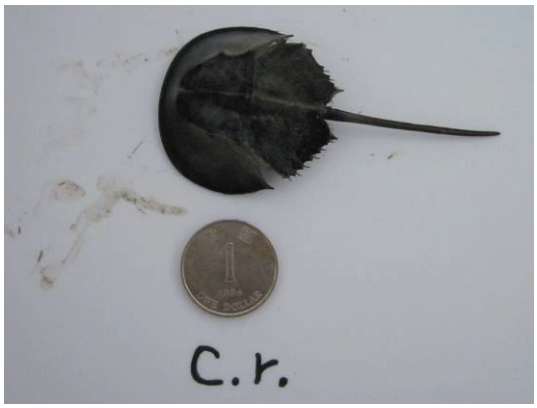
Ind. #: number of Individuals (individuals in a group are shown at the same row)

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

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

	TC1	TC2	TC3	ST
Search duration (hr)	2	2	2	3
Tachypleus tridentatus				
no. of individuals				45
mean prosomal width (mm)	N.A.	N.A.	N.A.	48.42
range of prosomal width (mm)				32.31-70.59
Search record (ind. hr-1 person-1)				7.50
Carcinoscorpius rotundicauda				
no. of individuals	1	1	3	16
mean prosomal width (mm)	45.36	44.61	49.81	39.28
range of prosomal width (mm)	\	\	42.85-57.88	27.12-59.69
Search record (ind. hr-1 person-1)	0.25	0.25	0.75	2.67

TC1 *Carcinoscorpius rotundicauda* **TC2** *Carcinoscorpius rotundicauda*



TC3 *Carcinoscorpius rotundicauda*

ST *Carcinoscorpius rotundicauda* **ST** *Tachypleus tridentatus*

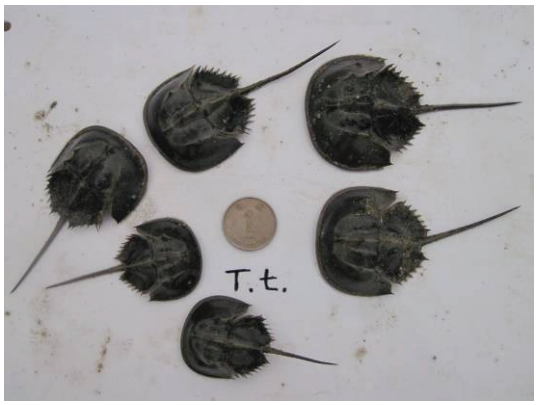


Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus in the present survey (taken on 17 & 20/09/2013)*

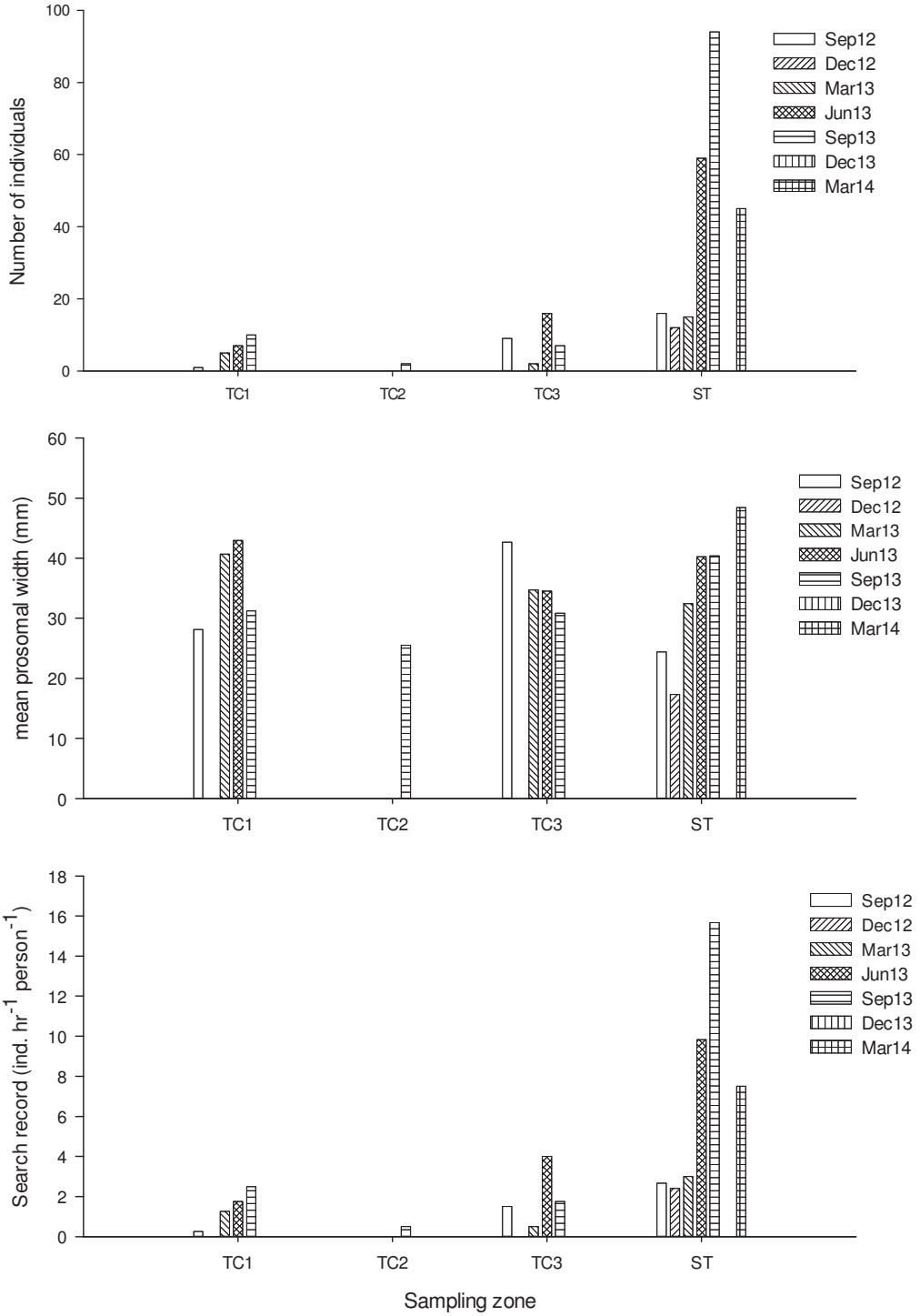


Figure 3.2. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus at the four sampling zones along the sampling months. * No individual was found in the survey of Dec. 2013.*

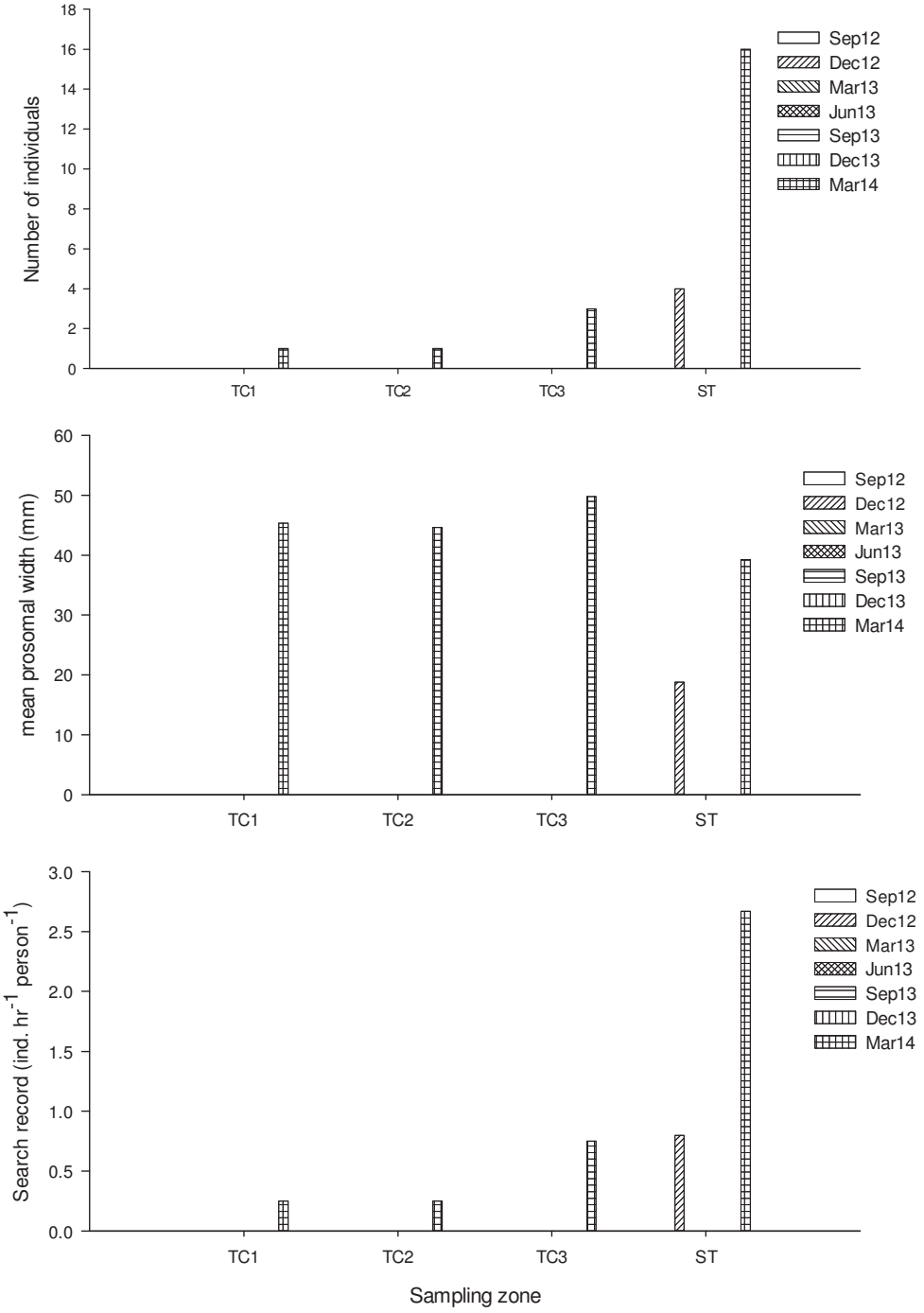


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda at the four sampling zones along the sampling months. * Individuals were found in the surveys of Dec. 2012 and Mar. 2014.*

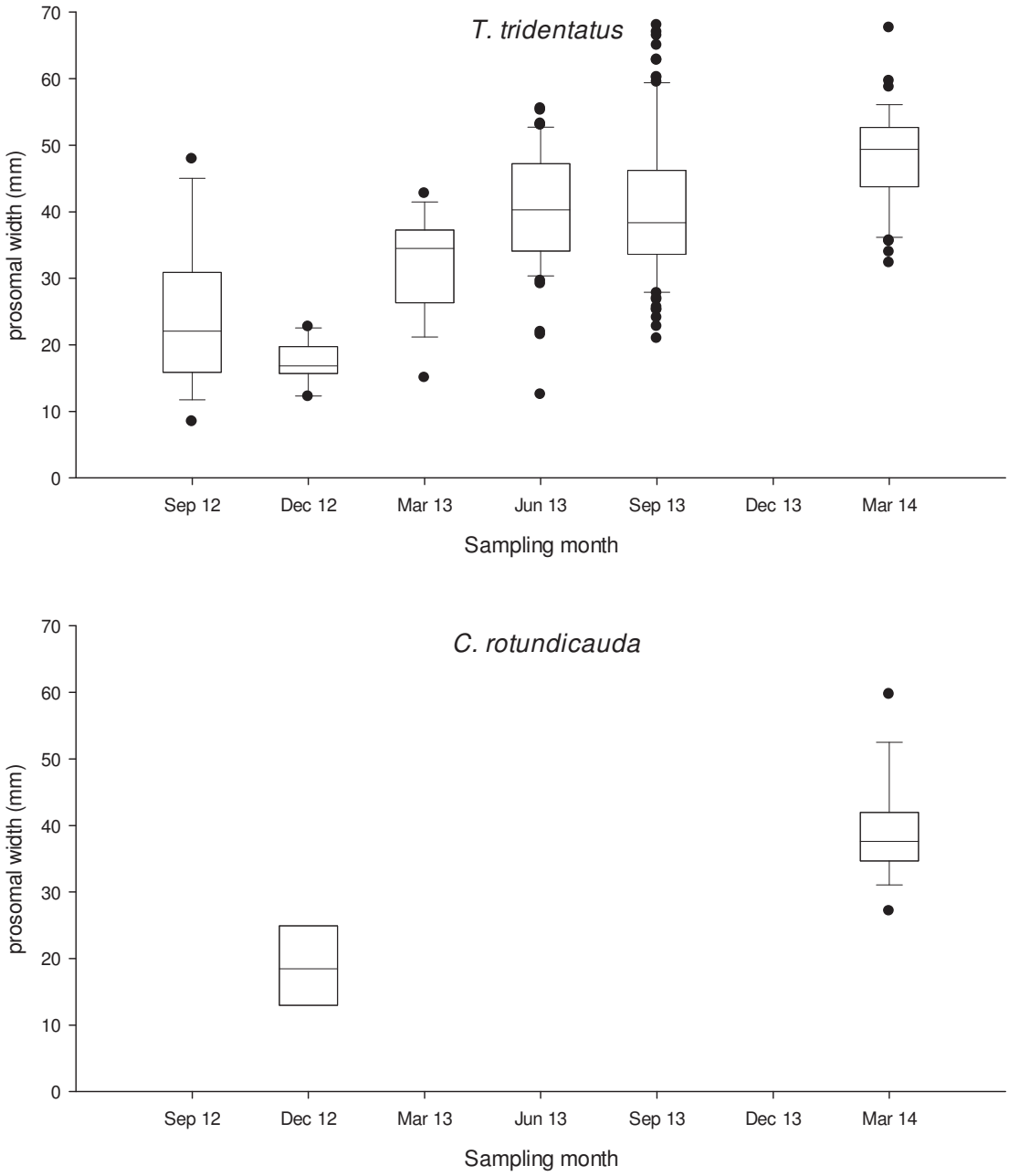


Figure 3.4. *Box plot of prosomal width of horseshoe crab Tachypleus tridentatus and Carcinoscorpius rotundicauda at the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower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

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

Estimated area (m^2)	Estimated coverage (%)	GPS coordinate	Remark
TC1 (search hour = 2 hrs) & TC2 (search hour = 2 hrs) & TC3 (search hour = 2 hrs)			
No record			
ST (search hour = 3 hrs) *Halophila ovalis*			
54.0	90-100	22º 17.220' N 113º 55.475' E -- 22º 17.217' N 113º 55.476' E	A medium patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
50.5	90-100	22º 17.222' N 113º 55.475' E -- 22º 17.219' N 113º 55.482' E	
609.0	90-100	22º 17.214' N 113º 55.475' E -- 22º 17.195' N 113º 55.477' E	A large patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
1.5	10-15	22° 17.206' N 113° 55.499' E	
3.0	20	22° 17.193' N 113° 55.510' E	
5.0	50	22° 17.183' N 113° 55.491' E	
7.5	60	22° 17.187' N 113° 55.489' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
7.5	80	22° 17.188' N 113° 55.487' E	
4.0	80	22° 17.185' N 113° 55.485' E	
4.0	80	22° 17.183' N 113° 55.486' E	

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

Estimated area (m^2)	Estimated coverage (%)	GPS coordinate		Remark
ST (search hour = 3 hrs)		*Halophila ovalis*		
1.1	50	22° 17.180' N	113° 55.489' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
2.0	50	22° 17.180' N	113° 55.489' E	
1.0	40	22° 17.181' N	113° 55.488' E	
12.5	50-60	22° 17.180' N	113° 55.491' E	
1.5	40	22° 17.165' N	113° 55.486' E	
4.6	40	22° 17.161' N	113° 55.521' E	
2.4	40	22° 17.161' N	113° 55.524' E	
3.8	50	22° 17.165' N	113° 55.522' E	
15.0	80	22° 17.163' N	113° 55.538' E	
12.1	80	22° 17.154' N	113° 55.532' E	
8.4	80	22° 17.152' N	113° 55.529' E	
24.5	80	22° 17.137' N	113° 55.536' E	
22.5	80	22° 17.138' N	113° 55.550' E	
38.0	80	22° 17.138' N	113° 55.558' E	
16.7	80	22° 17.119' N	113° 55.551' E	
19.2	80	22° 17.112' N	113° 55.553' E	

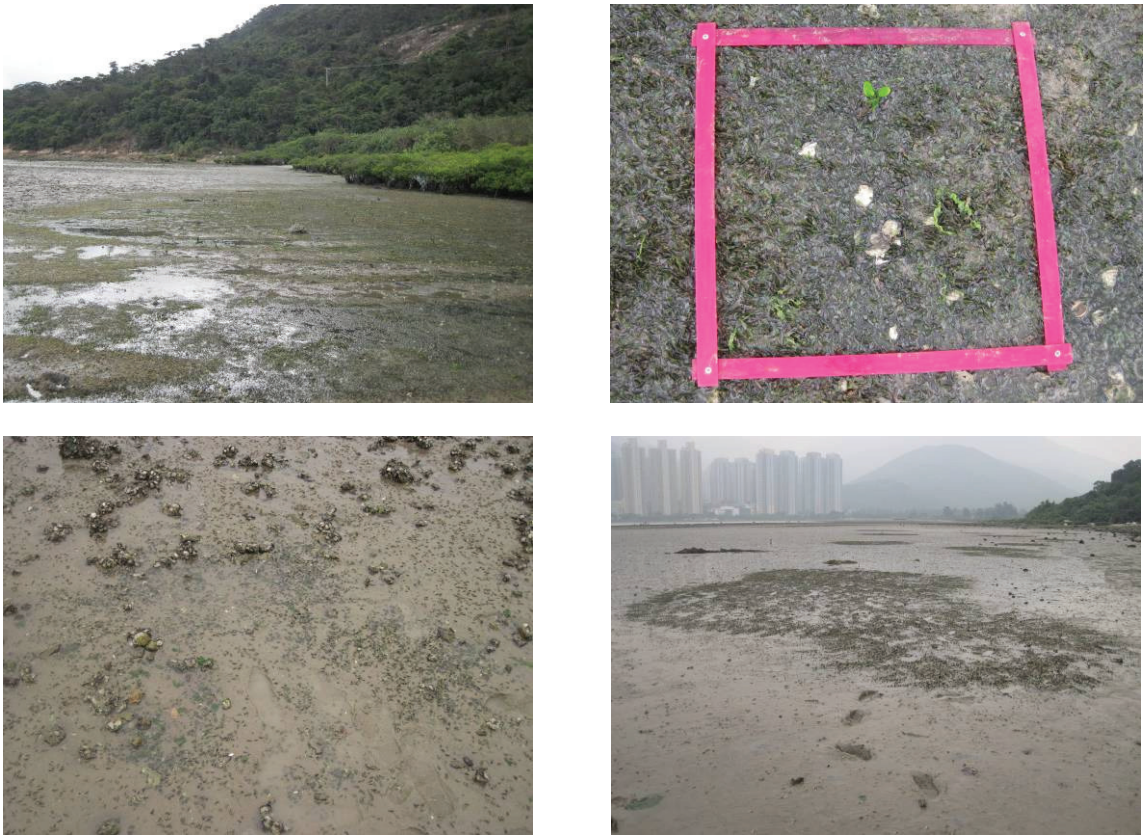
Table 3.3 (Cont'd). *Record of seagrass beds survey at every sampling zone*

Estimated area (m^2)	Estimated coverage (%)	GPS coordinate		Remark
ST (search hour = 3 hrs)		*Halophila ovalis*		
26.4	60	22° 17.106' N	113° 55.564' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
72.0	80	22° 17.133' N	113° 55.544' E	
54.6	80	22° 17.123' N	113° 55.547' E	
45.4	80	22° 17.124' N	113° 55.555' E	
41.0	80	22° 17.109' N	113° 55.557' E	A medium patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
48.8	80	22° 17.114' N	113° 55.562' E	
71.3	80	22° 17.108' N	113° 55.576' E	
59.3	60	22° 17.099' N	113° 55.564' E	
ST (search hour = 3 hrs)		*Zostera japonica*		
0.2	10	22º 17.201' N	113º 55.471' E	A small patch grown in the co-inhabting another seagrass species *Halophila ovalis*.
0.1	10	22º 17.206' N	113º 55.474' E	
2.9	20	22º 17.211' N	113º 55.476' E	
0.1	60	22º 17.219' N	113º 55.474' E	

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

Summary	*Halophila ovalis*	*Zostera japonica*
no. of patches	34	4
Total area (m^2)	1349.94	3.27
Average area (m^2)	39.7041176	0.8175

Halophila ovalis



Zostera japonica

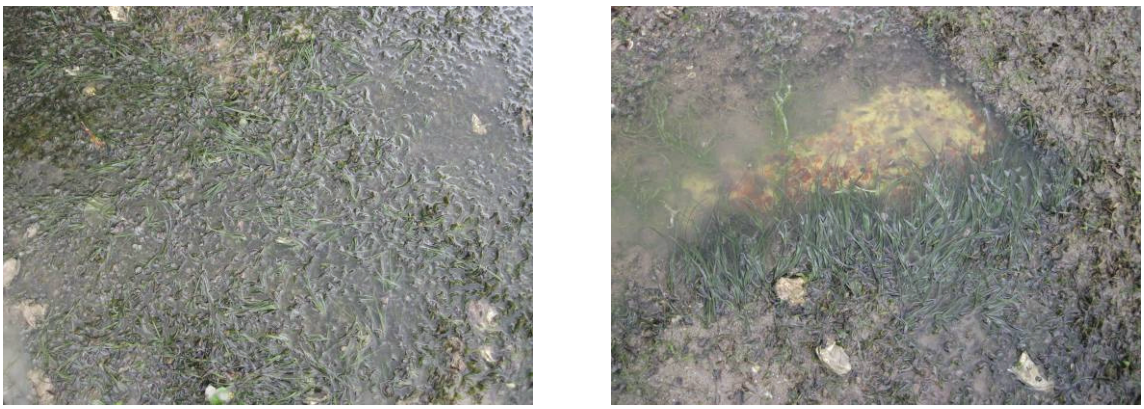


Figure 3.5. *Examples of photographic records of seagrass beds survey at ST (taken on 20/03/2014)*

Figure 3.6. P*hotographic records of flower of seagrass bed Halophila ovalis at ST (taken on 18/12/2013)*

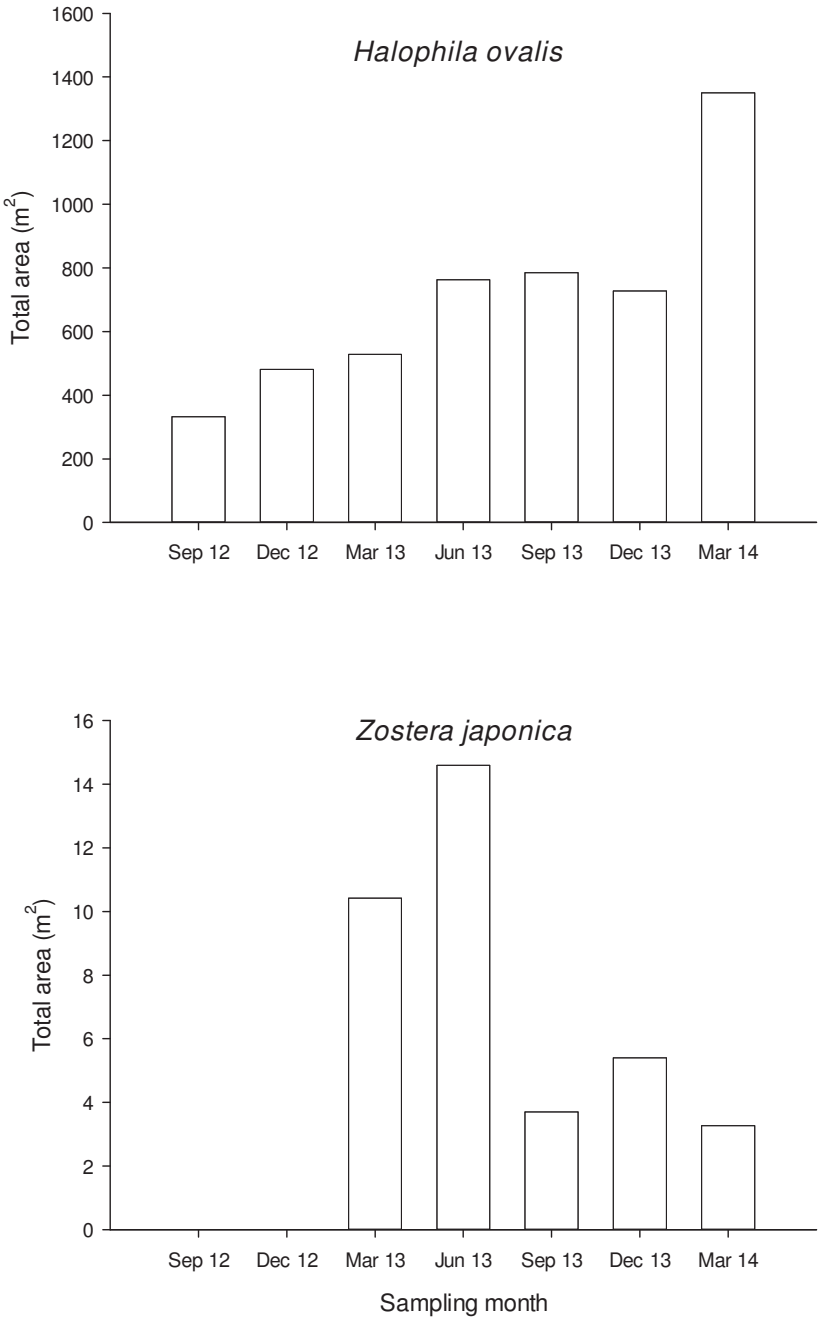


Figure 3.7. *Changes of estimated total area of seagrass beds at sampling zone ST along the sampling months*

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

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

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

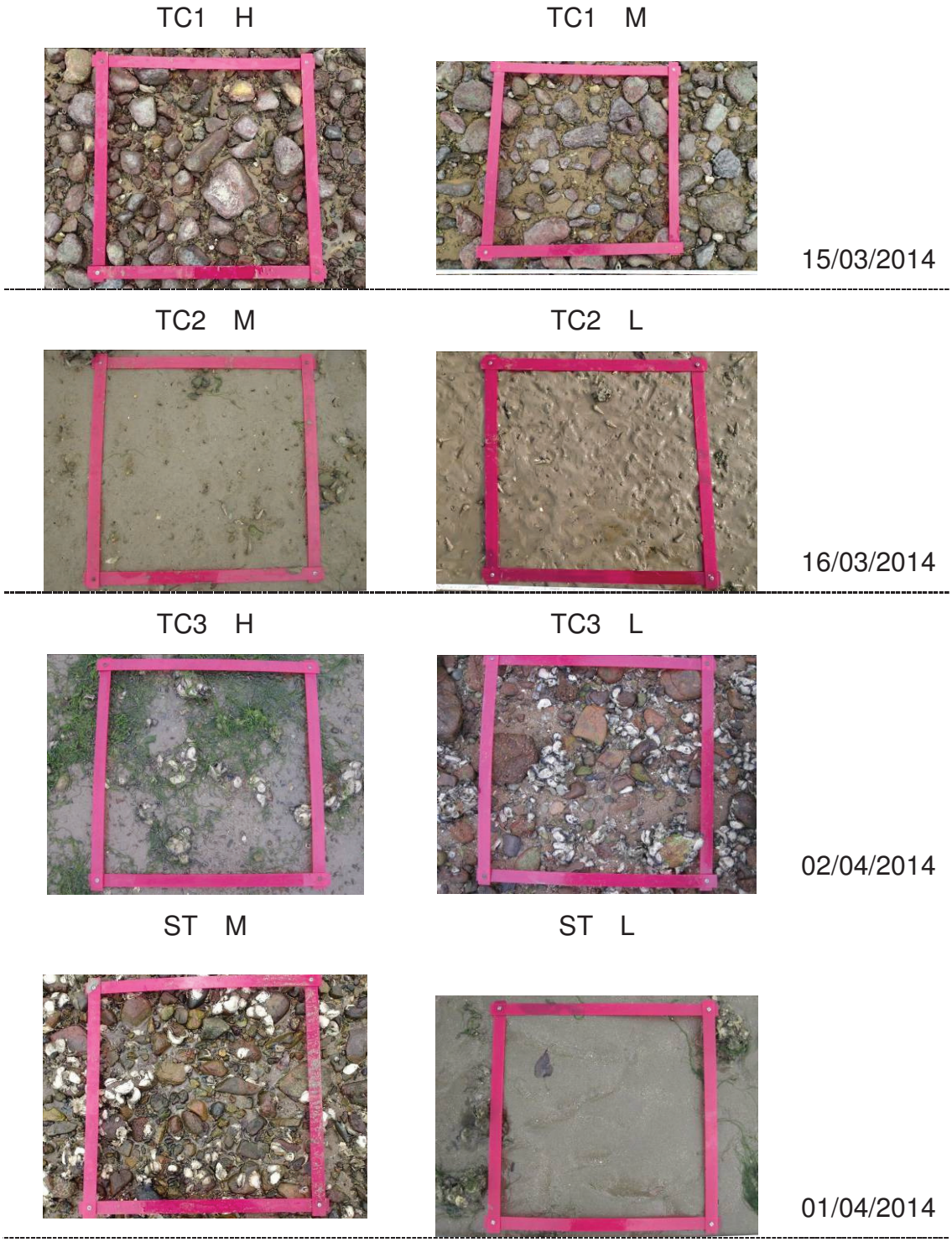


Figure 3.8. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

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

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Mar 2014				
Mollusca	14165	98.5	472	40
Arthropoda	113	0.8	4	11
Annelida	57	0.4	2	10
Sipuncula	34	0.2	1	1
Cnidaria	5	0.0	0	1
Echinodermata	5	0.0	0	1
Chordata	2	0.0	0	1
Nemertea	2	0.0	0	1
Total	14383			

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

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

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

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	12	0.3	2	26	1.4	3	14	0.3	2	5	0.1	1
Arthropoda	16	0.4	2	44	2.4	6	26	0.5	3	27	0.7	4
Chordata				1	0.1	0				1	0.0	0
Cnidaria										5	0.1	1
Echinodermata	3	0.1	0				2	0.0	0			
Mollusca	3972	99.0	530	1732	95.4	231	4800	98.9	640	3661	98.9	488
Nemertea				2	0.1	0						
Sipuncula	11	0.3	1	11	0.6	1	9	0.2	1	3	0.1	0
Sub-total	4014			1816			4851			3702		

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

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

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

Sampling zone TC1	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	526	80	80
Mid	G	*Batillaria multiformis*	278	52	52
	Bi	*Saccostrea cucullata*	84	16	68
	G	*Monodonta labio*	74	14	82
Low	Bi	*Saccostrea cucullata*	133	32	32
	G	*Batillaria multiformis*	108	26	58
	G	*Monodonta labio*	43	10	68

Bi = Bivalve, G = Gastropod

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

Sampling zone TC2	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	84	34	34
	G	*Cerithidea djadjariensis*	76	31	65
Mid	Bi	*Saccostrea cucullata*	86	32	32
	G	*Cerithidea djadjariensis*	45	17	49
	G	*Batillaria zonalis*	39	14	63
Low	G	*Batillaria zonalis*	77	37	37
	Bi	*Saccostrea cucullata*	33	16	52
	G	*Cerithidea djadjariensis*	33	16	68
	G	*Batillaria multiformis*	24	12	79

Bi = Bivalve, G = Gastropod

Table 3.8 (Cont'd). *The abundant species at every sampling zone.*

Sampling zone TC3	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	444	65	65
	G	*Cerithidea djadjariensis*	146	21	86
Mid	G	*Batillaria multiformis*	214	57	57
	G	*Monodonta labio*	97	26	83
Low	G	*Batillaria multiformis*	376	43	43
	Bi	*Saccostrea cucullata*	186	21	64
	G	*Cerithidea djadjariensis*	162	18	82

Bi = Bivalve, G = Gastropod

Table 3.8 (Cont'd). *The abundant species at every sampling zone.*

Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	585	73	73
	G	*Monodonta labio*	81	10	83
Mid	Bi	*Saccostrea cucullata*	162	31	31
	G	*Batillaria multiformis*	131	25	55
	G	*Monodonta labio*	62	12	67
Low	Bi	*Saccostrea cucullata*	49	32	32
	G	*Cerithidea djadjariensis*	24	16	48
	G	*Batillaria zonalis*	23	15	64

Bi = Bivalve, G = Gastropod

Table 3.9. *Mean values of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and sampling zone*

Sampling zone	Tidal level	Mean number of species (spp. 0.25 m^{-2})	Mean density (ind. m^{-2})	Mean *H'*	Mean *H'* across tidal level	Mean *J*	Mean *J* across tidal level
TC1	H	6	656	0.63		0.34	
	M	9	533	1.36	1.17	0.61	0.53
	L	11	417	1.52		0.65	
TC2	H	7	245	1.32		0.73	
	M	10	270	1.69	1.53	0.74	0.75
	L	9	211	1.57		0.77	
TC3	H	6	686	0.92		0.54	
	M	7	376	1.13	1.13	0.62	0.58
	L	10	879	1.34		0.58	
ST	H	10	800	1.06		0.45	
	M	14	528	1.84	1.31	0.71	0.61
	L	6	152	1.03		0.68	

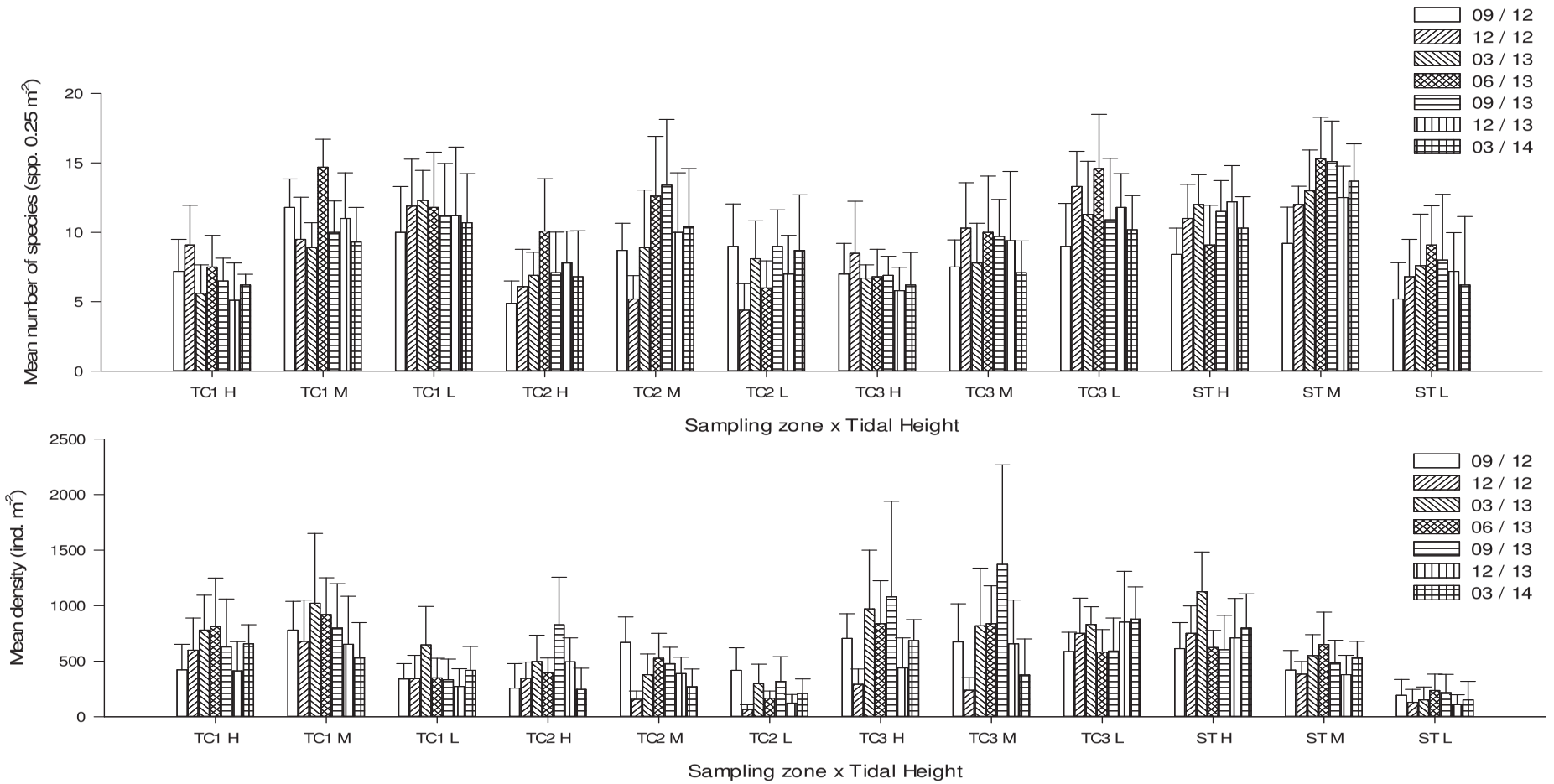


Figure 3.9. *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

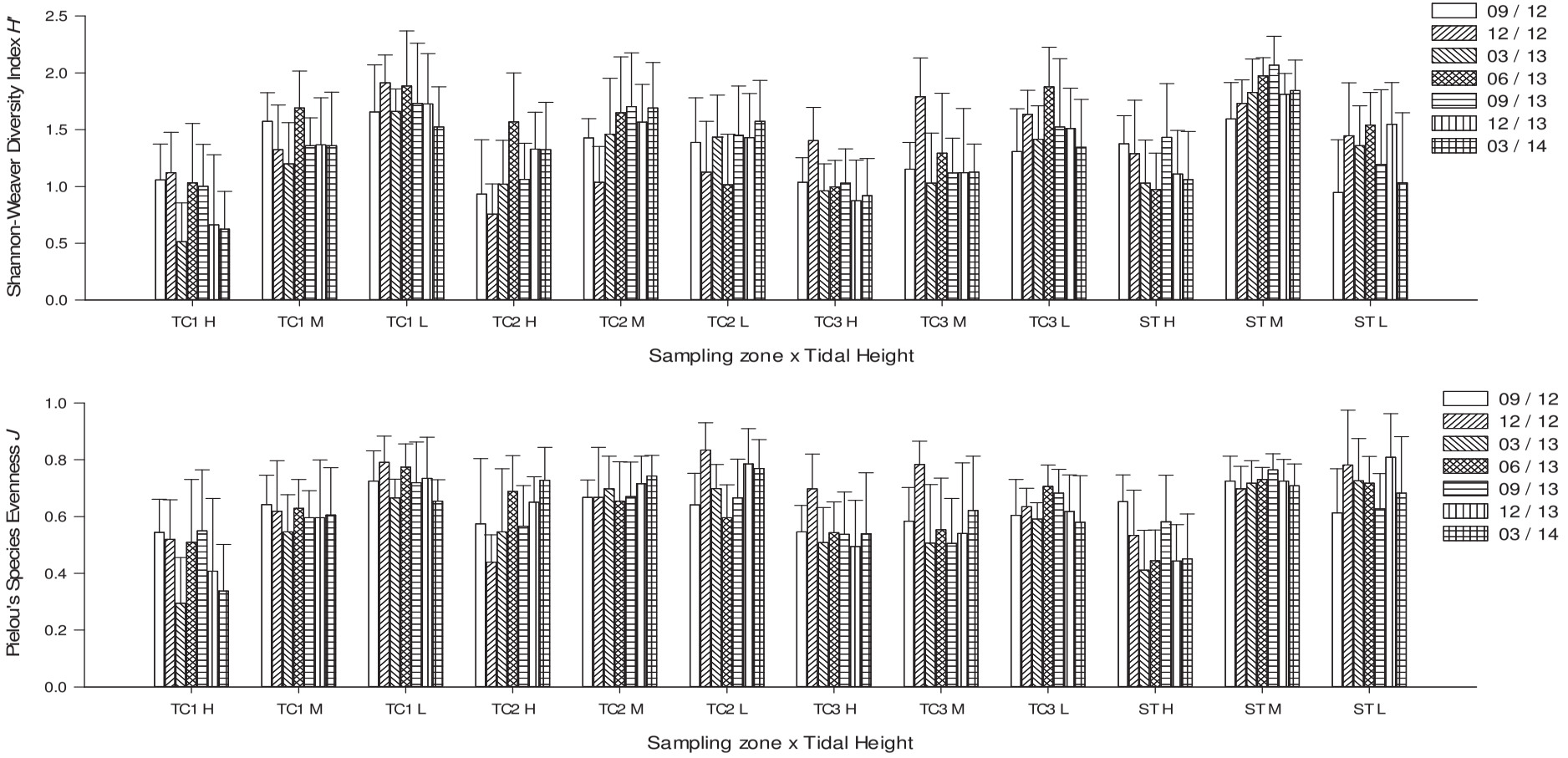


Figure 3.9 (Cont'd). *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

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

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glyceridae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Arthropoda	Malacostraca	Amphipoda		Amphipoda spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus erato*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Isopoda		Isopoda spp.
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Chordata	Actinopterygii	Perciformes	Blenniidae	*Omobranchus fasciolatoceps*
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Holothuroidea			Sea cucumber spp.
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Crassostrea ariakensis*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Circe* sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Meretrix meretrix*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Planaxidae	*Planaxis sulcatus*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Terebralia sulcata*
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	Assimineidae	*Assiminea lutea*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
Animalia	Mollusca	Gastropoda		Trochidae	*Euchelus scaber*
Animalia	Mollusca	Gastropoda		Trochidae	*Monodonta labio*
Animalia	Mollusca	Gastropoda		Turbinidae	*Chlorostoma argyrostoma*
Animalia	Mollusca	Gastropoda		Turbinidae	*Lunella coronata*
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	*Lepidozona* sp.
Animalia	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	*Dentalium sinuosum*
Animalia	Nemertea				Nemertea spp.
Animalia	Sipuncula	Sipunculidea	Golfingiida	Sipunculidae	*Sipunculus nudus*

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*	1																				1
Bi	*Geloina erosa*						1													1		2
Bi	*Saccostrea cucullata*	6				8		2				3						5		6		30
Bi	*Xenostrobus atrata*	5																1				6
C	*Hemigrapsus penicillatus*			1																		1
G	*Batillaria multiformis*	103		109		50	2	96		230		136		163		78		158		191		1316
G	*Batillaria zonalis*	1																				1
G	*Cerithidea cingulata*					26	7							1		3		1				38
G	*Cerithidea djadjariensis*	7		4		87	5	38		2				1		1		6		1		152
G	*Cerithidea rhizophorarum*					4	2	2				3				3						14
G	*Clithon faba*															3		1				4
G	*Clithon oualaniensis*					1								1		3						5
G	*Littoraria articulata*			1						1		2										4
G	*Monodonta labio*	5		11				6		6		4		11		6		3		9		61
G	*Nassarius* sp.													1								1
G	*Patelloida pygmaea*																			1		1
Ol	Marine oligochaete spp.									1												1

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Maldanidae spp.								1													1
P	Nereididae spp.			1																		1
																					Total	1640

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*			3						1		2										6
Bi	*Barbatia virescens*	1																				1
Bi	*Geloina erosa*																			1		1
Bi	*Saccostrea cucullata*	45		74		6		2		22		12		12		11		12		15		211
Bi	*Xenostrobus atrata*			2		2				2		6		2				1				15
C	*Hemigrapsus penicillatus*	1						1														2
C	*Nanosesarma minutum*			1						1												2
C	*Uca lactea*																			1		1
Ec	Sea cucumber spp.	1		1																		2
G	*Batillaria multiformis*	9		7		15	2	6		50		207		244		81		50		25		696
G	*Batillaria zonalis*					5	1		1													7
G	*Cellana grata*															1		1				2
G	*Cellana toreuma*															2		1				3
G	*Cerithidea cingulata*					8	3	1										3		1		16
G	*Cerithidea djadjariensis*	2		1		57	12		1			1		1		7		8		16		106
G	*Cerithidea rhizophorarum*															5		4		4		13
G	*Clithon faba*	1														1		10				12
G	*Clithon oualaniensis*					15	1									4		2				22
G	*Lunella coronata*	7		2				1		1						5				1		17

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Monodonta labio*	16		19		6		8		38		16		28		31		16		8		186
G	*Nassarius* sp.																	1				1
G	*Nerita polita*																	1				1
G	*Nipponacmea concinna*			1				1														2
G	*Patelloida pygmaea*													1				1		1		3
Hc	*Pagurus dubius*							1														1
P	Ampharetidae spp.								1													1
P	Pectinariidae spp.						1															1
P	Polynoidae spp.			1																		1
																					Total	1332

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

Mar 2014 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*													1								1
Bi	*Barbatia signata*	5		2				1						2				1		1		12
Bi	*Barbatia virescens*	2												1						10		13
Bi	*Ruditapes philippinarum*																	3		2		5
Bi	*Saccostrea cucullata*	79		42		14		40						50		37		34		36		332
Bi	*Xenostrobus atrata*	3																				3
C	*Hemigrapsus penicillatus*			2										1						1		4
C	*Nanosesarma minutum*													1								1
Ec	Sea cucumber spp.										1											1
G	*Batillaria multiformis*	21		1		3		15		1		3		30		125		31		41		271
G	*Batillaria zonalis*	2		2		7		1		15												27
G	*Cellana grata*																	1				1
G	*Cellana toreuma*																			3		3
G	*Cerithidea cingulata*									1				2		2						5
G	*Cerithidea djadjariensis*	1		14				4		28		30	2	6		8				4		97
G	*Cerithidea rhizophorarum*			1						1												2
G	*Clithon faba*													2		1				4		7
G	*Clithon oualaniensis*							2						12		11		1		3		29
G	*Dentalium sinuosum*									1												1

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

Mar 2014 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lepidozona* sp.																			1		1
G	*Lunella coronata*	17		8				10						10		11		2		10		68
G	*Monodonta labio*	1		1				26		1				17		6		26		29		107
G	*Nassarius festivus*			1		1								1		2		1				6
G	*Nassarius hepaticus*									3		5										8
G	*Nassarius* sp.									4												4
G	*Nerita polita*	1		2										1				3				7
G	*Nipponacmea concinna*							1						1				1				3
G	*Patelloida pygmaea*																			3		3
G	*Thais luteostoma*	1																				1
Hc	*Pagurus dubius*	1																		1		2
P	Ampharetidae spp.						1															1
P	Goniadidae spp.						1															1
P	Maldanidae spp.						2						1									3
P	Onuphidae spp.						1															1
Sp	*Sipunculus nudus*	4		7																		11

Total 1042

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

Mar 2014 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*									1												1
Bi	*Barbatia virescens*																	1				1
Bi	*Saccostrea cucullata*							12		21		3		3		13		6				58
C	*Metopograpsus latifrons*									1												1
C	*Nanosesarma minutum*									1												1
F	*Omobranchus fasciolatoceps*									1												1
G	*Batillaria bornii*																	1				1
G	*Batillaria multiformis*	1		1				2		12		27		2	18	35	1	54		52	4	209
G	*Batillaria zonalis*											2		1	7	19		8	2	18		57
G	*Cerithidea cingulata*					1	1	2		1		2	2		3	6	10	3	10	10	6	57
G	*Cerithidea djadjariensis*	3		7		4	9	6		6		20	9	9	20	39	14	10	11	17	7	191
G	*Cerithidea rhizophorarum*	1					1															2
G	*Euchelus scaber*									1												1
G	*Lunella coronata*									2		1			1			5				9
G	*Monodonta labio*						1			1		1			3	1						7
G	*Nassarius* sp.											1		1							1	3
G	*Nerita polita*							1		2												3
G	*Terebralia sulcata*	1								1												2
Ol	Marine oligochaete spp.	2													1							3

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

Mar 2014 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Maldanidae spp.						1															1
P	Nereididae spp.												1									1
Sp	*Sipunculus nudus*									2												2
																					Total	612

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

Mar 2014 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
A	Amphipoda spp.																			1		1
Ba	*Balanus amphitrite*	1								1										2		4
Bi	*Barbatia signata*															2				1		3
Bi	*Barbatia virescens*													1		5						6
Bi	*Cyclina sinesis*			1			1				1									1		4
Bi	*Ruditapes philippinarum*					1										1						2
Bi	*Saccostrea cucullata*	36		31				27				7		27		29		16		43		216
Bi	*Xenostrobus atrata*			1										3		1				1		6
C	*Hemigrapsus penicillatus*							2						2		1						5
C	*Nanosesarma minutum*															3						3
G	*Batillaria bornii*													1				1			1	3
G	*Batillaria multiformis*			10						1	1	1		7		8		7	1	30		66
G	*Batillaria zonalis*					2		2		10		7	1	5		25	1	18		26		97
G	*Cerithidea cingulata*						1			1			2		4	1		2	4	2		17
G	*Cerithidea djadjariensis*	2		7		5	4	4			3	5	9	7	6	8	3	20	11	13	5	112
G	*Cerithidea rhizophorarum*																		1			1
G	*Clithon oualaniensis*					1												5		1		7
G	*Lunella coronata*			1		2		6		1				6		8		3		8	1	36
G	*Monodonta labio*	15		24				5						6		9				1		60

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

Mar 2014 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius festivus*																			1	1	2
G	*Nassarius* sp.			1																		1
G	*Nerita polita*							1						1		1				2		5
G	*Nipponacmea concinna*													2								2
G	*Patelloida pygmaea*															1						1
Hc	*Pagurus dubius*			1										1								2
Is	Isopoda spp.																			1		1
Ne	Nemertea spp.																		1			1
P	Maldanidae spp.			1			2				1		1		1			1	1			8
P	Onuphidae spp.						1															1
P	Oweniidae spp.						1															1
Sp	*Sipunculus nudus*							2														2
																					Total	676

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

Mar 2014 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*					12				3				1		3						19
Bi	*Barbatia virescens*															2		3				5
Bi	*Cyclina sinesis*													1								1
Bi	*Ruditapes philippinarum*					2																2
Bi	*Saccostrea cucullata*	5				18				5		1		6		33		15				83
C	*Hemigrapsus penicillatus*					2												1				3
G	*Batillaria bornii*													1		1						2
G	*Batillaria multiformis*			1		15		5		3		5		15		4		9		4		61
G	*Batillaria zonalis*	3	1	8		14		8		5		17		27	1	21		46		40	2	193
G	*Cellana toreuma*													1								1
G	*Cerithidea cingulata*		1							1		1			1		1			3	1	9
G	*Cerithidea djadjariensis*		10	3	1	5		5	2	1	3	7	3	1	4	5	1	4		24	3	82
G	*Lunella coronata*					6								2		18		4				30
G	*Monodonta labio*															3						3
G	*Nassarius festivus*								1					3								4
G	*Nassarius hepaticus*																				1	1
G	*Nerita polita*					1										1		1				3
G	*Patelloida pygmaea*													1								1
G	*Thais luteostoma*													2				1				3

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

Mar 2014 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Hc	*Pagurus dubius*			1												1						2
Ne	Nemertea spp.															1						1
P	Glyceridae spp.				1																	1
P	Maldanidae spp.				1						1										1	3
P	Nereididae spp.					1															1	2
P	Onuphidae spp.				1						1		1		1			1				5
S	*Penaeus* sp.															1						1
Sp	*Sipunculus nudus*					2								3		2						7
																				Total		528

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

Mar 2014 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Circe* sp.																				1	1
Bi	*Cyclina sinesis*																	1				1
Bi	*Geloina erosa*															2				1		3
Bi	*Laternula anatina*																1					1
Bi	*Saccostrea cucullata*	33				5																38
Bi	*Xenostrobus atrata*	1																				1
C	*Hemigrapsus penicillatus*													1								1
C	*Nanosesarma minutum*																				1	1
G	*Batillaria multiformis*	115	3	90		105	3	52	1	146	2	155		190		147	3	76		22		1110
G	*Batillaria zonalis*					3																3
G	*Cerithidea cingulata*	7	3	20	1	41	1	19	1	1	2	5		1		8	4	5	1	20	4	144
G	*Cerithidea djadjariensis*	17	4	31	2	44		25	6	5	4	66	11	10	2	32	5	29	1	66	5	365
G	*Cerithidea rhizophorarum*		1	4		3	1				1	5				3		3		2	1	24
G	*Clithon faba*													2								2
G	*Lunella coronata*	2				1				1				1		2						7
G	*Monodonta labio*	2																				2
G	*Nassarius* sp.	3																				3
G	*Nerita polita*	1																				1
P	Ampharetidae spp.						3												1			4

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

Mar 2014 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Maldanidae spp.																		1			1
Sp	*Sipunculus nudus*	1																				1
																					Total	1714

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

Mar 2014 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia virescens*											1										1
Bi	*Cyclina sinesis*									1												1
Bi	*Saccostrea cucullata*															5						5
Bi	*Xenostrobus atrata*					1										1						2
C	*Metopograpsus latifrons*			1																		1
C	*Nanosesarma minutum*	1		3										1				1				6
Ec	Sea cucumber spp.					1														1		2
G	*Batillaria multiformis*	29		11		27				4		23		5		238		125		72		534
G	*Cerithidea cingulata*															1		4				5
G	*Cerithidea djadjariensis*					1		1				1		1		16		23		6		49
G	*Cerithidea rhizophorarum*											1								4		5
G	*Clithon oualaniensis*															1		1		1		3
G	*Littoraria articulata*			1						1		4		5		1		1				13
G	*Lunella coronata*	8		2		10		1		1		9		2		2		3		8		46
G	*Monodonta labio*	43		46		18				22		43		16		13		12		30		243
G	*Nassarius festivus*					2														1		3
G	*Nerita polita*			10						1		2										13
G	*Patelloida pygmaea*																	1				1
G	Peasiella spp.																	1				1

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

Mar 2014 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Planaxis sulcatus*			1																		1
Hc	*Pagurus dubius*											1										1
P	Nereididae spp.					2																2
P	Polynoidae spp.							1														1
																					Total	939

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

Mar 2014 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*							15														15
Bi	*Barbatia signata*	2		9		17								1				1				30
Bi	*Barbatia virescens*	10		6		3																19
Bi	*Geloina erosa*	3		1										1								5
Bi	*Meretrix meretrix*	1																				1
Bi	*Saccostrea cucullata*	86		134		57		12		37		30		53		10		22		23		464
Bi	*Xenostrobus atrata*	5		6		19		3				1		8								42
C	*Uca* sp.		1																			1
G	*Assiminea lutea*													1								1
G	*Batillaria multiformis*	29		6		5		75		2	1	24		72		223		231	1	271		940
G	*Batillaria zonalis*	26		13	1	5		28		8		11	1	2								95
G	*Cerithidea cingulata*	12			1	23		10		1		4	7	20	1	23	2	5	1	11		121
G	*Cerithidea djadjariensis*	16	2	4	3	94		39		46	3	48	6	55	1	39	5	30	2	13		406
G	*Cerithidea rhizophorarum*					2				3		4	1	4		1	1	1		1		18
G	*Clithon oualaniensis*							1								1				1		3
G	*Lunella coronata*															3						3
G	*Monodonta labio*															1		2		1		4
G	*Nassarius festivus*					2																2
G	*Nassarius* sp.	2												1			1					4

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

Mar 2014 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nipponacmea concinna*	2		1						3												6
G	*Patelloida pygmaea*											1						1		2		4
Ol	Marine oligochaete spp.														1						1	2
P	Maldanidae spp.	1									1											2
P	Nereididae spp.													1								1
P	Polynoidae spp.													1								1
Sp	*Sipunculus nudus*	2				3		1		2												8
																					Total	2198

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

Mar 2014 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*											1										1
Bi	*Geloina erosa*			1																		1
Bi	*Saccostrea cucullata*	3		8		1		6		3		40		16		29		5		14		125
Bi	*Xenostrobus atrata*	2										3										5
C	*Hemigrapsus penicillatus*			1																		1
C	*Macrophthalmus erato*							1														1
C	*Metopograpsus latifrons*											1										1
C	*Nanosesarma minutum*											3		1								4
Cn	Sea anemone spp.															2						2
G	*Batillaria bornii*	6		5		4		1		2		1		1		2		5		3		30
G	*Batillaria multiformis*	197		234		148		297		71		73		50		129		69		194		1462
G	*Batillaria zonalis*	2		1																		3
G	*Cellana toreuma*	1				3						1		8		3						16
G	*Cerithidea cingulata*			2						13						1		6				22
G	*Cerithidea djadjariensis*	2		2		3				5		4		2		2		3				23
G	*Cerithidea rhizophorarum*							1		1								1				3
G	*Clithon faba*					1								1		2				1		5
G	*Clithon oualaniensis*	3		9						2						3		2		14		33
G	*Littoraria articulata*	6										2										8

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

Mar 2014 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*			1				2		4		7		4		4		6				28
G	*Monodonta labio*	13		13		6		28		13		73		24		8		9		16		203
G	*Nerita polita*	4				1				2						2		4				13
G	*Nipponacmea concinna*															1				4		5
G	*Patelloida pygmaea*									1		1		1				1				4
G	Peasiella spp.																	1				1
																					Total	2000

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

Mar 2014 Sampling zone ST Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*							3		2								5				10
Bi	*Barbatia virescens*	1				6		3				1				1		5				17
Bi	*Circe* sp.																3					3
Bi	*Saccostrea cucullata*	49		56		54		21		16		36		40		48		49		35		404
Bi	*Xenostrobus atrata*	24		1		1				13		1		3				1				44
C	*Hemigrapsus penicillatus*	1								1						1						3
C	*Nanosesarma minutum*	1		1										1						1		4
Cn	Sea anemone spp.			1				1										1				3
G	*Batillaria bornii*	1		2		7		5				4				14		8				41
G	*Batillaria multiformis*	48		10		17		21		28		94		1		24	1	57		27		328
G	*Batillaria zonalis*	1		10																		11
G	*Cellana grata*																	2				2
G	*Cellana toreuma*					1		1		6		1		1				7				17
G	*Cerithidea cingulata*	1		4		3		1		1		1		2	1	14	1	2		2		33
G	*Cerithidea djadjariensis*	7		12		11		5		7		6		31	5	14	1	4		2		105
G	*Cerithidea rhizophorarum*													2		1						3
G	*Clithon faba*					2		1														3
G	*Clithon oualaniensis*			4		4						2				5		2		1		18
G	*Euchelus scaber*							1														1

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

Mar 2014 Sampling zone ST Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Littoraria articulata*	1																				1
G	*Lunella coronata*	7		8		8		8		4		6		13		13		4		6		77
G	*Monodonta labio*	13		1		28		10		16		13		2		21		39		11		154
G	*Nassarius festivus*			3				1									1	1				6
G	*Nassarius* sp.			2																		2
G	*Nerita polita*									1				2		1		2				6
G	*Nipponacmea concinna*			1		3		10		1		1						1				17
G	*Patelloida pygmaea*											2				1						3
Hc	*Pagurus dubius*			1																		1
P	Glyceridae spp.																	1				1
P	Onuphidae spp.																1					1
Sp	*Sipunculus nudus*					1														1		2
																			Total			1321

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

Mar 2014 Sampling zone ST Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*							6														6
Bi	*Barbatia signata*	1																1				2
Bi	*Barbatia virescens*	2																				2
Bi	*Circe* sp.										8											8
Bi	*Crassostrea ariakensis*											1		3								4
Bi	*Saccostrea cucullata*	42						23				11						47				123
Bi	*Xenostrobus atrata*	13																				13
C	*Hemigrapsus penicillatus*	3																				3
C	*Nanosesarma minutum*													1								1
F	*Omobranchus fasciolatoceps*																	1				1
G	*Batillaria bornii*	7										15						1				23
G	*Batillaria multiformis*	1				2				2	1	2								1		9
G	*Batillaria zonalis*			17		5		2		3		20		9						2		58
G	*Cerithidea cingulata*	2						1														3
G	*Cerithidea djadjariensis*	3										55				1				1	1	61
G	*Cerithidea rhizophorarum*											5										5
G	*Chlorostoma argyrostoma*											1										1
G	*Euchelus scaber*	1																				1
G	*Lepidozona* sp.											1										1

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

Mar 2014 Sampling zone ST Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	5						3				10						18				36
G	*Monodonta labio*	2																				2
G	*Nassarius festivus*	1								1		1		1				1				5
G	*Nerita polita*	2																1				3
G	*Nipponacmea concinna*	1																				1
G	*Pisania ignea*											1										1
G	*Thais luteostoma*	1																1				2
Hc	*Pagurus dubius*			1								1										2
P	Maldanidae spp.										1										1	2
P	Onuphidae spp.								1													1
Sp	*Sipunculus nudus*							1														1
																				Total		381

Faunal group (Gp) label

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

APPENDIX J

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2014

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract *(Note 8)*	Reused in Other Projects *(Note 8)*	Disposed as Public Fill *(Note 6)*	Imported Fill *(Note 6)*	Metals	Paper / Cardboard Packaging	Plastics *(Note 3)*	Chemical Waste	Others, e.g. general refuse *(Note 8)*
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
Jan	6.396	0.000	6.396	0.000	0.000	127.813	0.000	0.000	0.000	0.000	0.163
Feb	10.568	0.000	10.568	0.000	0.000	98.249	0.000	0.000	0.000	0.000	0.124
Mar	7.136	0.000	7.136	0.000	0.000	83.389	0.000	0.000	0.000	0.000	0.208
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	24.099	0.000	24.099	0.000	0.000	309.451	0.000	0.000	0.000	0.000	0.494
Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub- total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	24.099	0.000	24.099	0.000	0.000	309.451	0.000	0.000	0.000	0.000	0.494

Notes:
(1) The performance target are given in ER Appendix 8J Clause 14
(2) The waste flow table shall also include C&D materials that are not specified in the Contract to be imported for use at the Site
(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
(4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m^3.
(5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for
(6) Conversion factors for reporting purpose:
excavated (bulk): rock = 2.0 tonnes/m^3; soil = 1.8 tonnes/m^3 ; sand=1.9tonnes/m^3
(7) Numbers are rounded off to the nearest three decimal places
(8) 30T dump truck carries C&D waste of 8.0m^3; 24T dump truck carries C&D waste of 6.5m^3

APPENDIX K

Cumulative Statistic on Complaints

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-008	22-Oct-2012	16:41	EPD	Environmental (Water Pollution)	X先生投訴東涌機場對出港珠澳大橋地盤，有污水排到海中（懷疑是油污），污染環境，要求跟進及回覆。 (Photos attached). The "phenomenon"was observed over the past week. The photos attached were taken on 19.10.2012, 22.10.2012 and 23.10.2012	Portion X	The pelican barge as shown in the photos provided on 24 October 2012 did not belong to the Contractor.	Closed	-
COM-2012-009	05-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise and light)	The citizen complained about noise and light pollution from the barges working on the Zhuhai Macau Bridge project. Barge machinery working to about 10pm at night and sometimes can be heard intermittently through the night. The noise is more audible because the machinery is sited on/over the water.	Portion X	The Contractor has adjusted the emission angle of the lights on working vessels with a view to minimizing the glaring effect to the adjoining residential areas	Closed	-
COM-2012-009(2)	11-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise, water quality & air quality)	The complainant noted that the barges are still working on a Sunday, up until 10pm at night, very noisy, causing pollution of the water and at times expelling black smoke from their engines. A photograph taken at 10.40am on Sunday 11 November 2012 was attached.	Portion X	-	Closed	-
COM-2012-009(3)	14-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise)	The complainant did not accept the reply. He further said that "All staff has to do is come out either at night or a Sunday to check, so easy. If this continues I will have no choice to call the police out."	Portion X	The Contractor has taken the following further mitigation measures for the reclamation works: (a) Mitigation Measures for Noise Nuisance: • Improvement of noise covers onto the generators / motors on barges; and • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges. (b) Mitigation Measures for Smoke Emission: • Increase frequency of maintenance and checking of engines on barges that may emit smoke; and • Installation/ replacement of smoke suppression device such as air filter, at engines where necessary.	Closed	-
COM-2012-010(1)	06-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise)	The complainant stated that lately work has started opposite Le Bleu Deux estate using barges. The work in process is generated high level of noise from powered tools used on those barges. Even if the noise was acceptable on weekdays during daytime, it is definitely creating nuisance to local resident at night (past 7pm) and on Sunday. Basically as 5 November 12 evening, he could not leave his window open as the elevel of noise prevent his baby to sleep and he could not even hear the TV in his flat. the noise coming from the site is higher then the sounds from my TV. He would like to know what measure you are planning to put in place to address this issue. He did not think that the current level of noise are acceptable past 7pm and on Sunday.	Portion X	-	Closed	-
COM-2012-010(2)	15-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise & air quality)	The noise can be very annoying, on days depending of the wind direction, you are making more noise than the plane taking off (I measured it myself), to give you an idea of the disturbance you are creating again. *I would also like to bring an other topic beside the noise. Since the beginning of the filling operation, very strong smell of exhaust pipe gas can be smelt in the residential area and I think this is a huge health concern for the local population. On certain days when the wind is blowing towards the residential areas, I have the feeling that there is a diesel engine running in my living room! I would like to know how you are planning to address this?*	Portion X	-	Closed	-

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(3)	15-Nov-2012	–	EPD	Environmental (Noise, water quality & air quality)	The complainant has copied his reply from HyD dated 15 Nov 2012 to EPD and Health Department and he further complained on the following issues: • Noise nuisance generated by diesel engine; • Smell of exhaust pipe gas in his residence; and • Suspected marine water pollution (see enclosed photo). The complainant also requested EPD to install noise and air quality monitoring at Le Bleu Deux estate.	WA6 Portion X	Noise from blowing horn from vessels and barges and Metallic Parts thrown on Ground • Reminded the Contractor to request the captains of the vessels and barges not blowing the horn except in case of emergency or prevention of ship collisions/serious safety matters; • The supervision teams would enhance their tight control on the vessels and barges working at that location, and monitor the situation and take corresponding actions; and • To enhance the work force of RSS to supervise each step of construction activities and the use of hand tools until the completion of the site office erection. Noise from Engines and Cranes of the Barges during Marine Operation • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at night time and Sundays. Noise from power generators • All generators shall be either screened or covered by adequate sound reducing materials; • All generators situated in front of Le Bleu Deux estate will be switched off at 19:00 hrs, except two generators will be kept running up to 22:00hrs and one generator will be kept running overnight for maintaining minimum power requirement; and • Arrangement with CLP Power HK Ltd (CLP) for the permanent power supply to the site offices has been chased in a matter of urgency. The use of power generators will be terminated in phase starting from 6 December 2012. Exhaust Fume Emission • Tight control on using the machine and generators in the vicinity of Le Bleu Deux estate; and • Closely monitor the frequency on engine cleansing and replacement of dust filter. Change of Sea Water in Yellow • The Contractor was reminded to move their vessels and barges at areas with adequate water depth as practically as possible.	Closed	–
COM-2012-010(4)	19-Nov-2012	22:25 hrs.	EPD	Environmental (Air quality and Noise)	The complainant filed again a complaint for the strong exhaust pipe fumes smell coming for the construction site in Tung Chung tonight as well as the extremely high level of noise as at at 10:30 pm (19/11/12).	WA6			
COM-2012-010(5)	24-Nov-2012 25-Nov-2012	13:42 hrs. 13:49 hrs 22:02 hrs. 22:08 hrs.	EPD (cc to HyD) EPD (cc to HyD)	Environmental (Air quality and Noise)	The noise is coming for the following sources: - power generator - engines from the barges used for marine operation - noise from the cranes use of the construction barges. - engine from the boat used to transport staff in and out - boats blowing their horn late in the evening and at night Gas emissions: - power generators - marine operation The complainant file again a complaint against the strong exhaust pipe emission flowing towards le Bleu Deux estate this afternoon 24/11/10 at 13:47. I can assure you that is it not "not that bad" whatever that means for you. And again strong noise of metallic parts being thrown on the ground. *I thought you have already sorted out that problem according to your multiple replies to my complaints since July???"* A pictures taken this morning (25/11/12) around 9:30am-10am showing the water pollution in different area outside the floating barriers. At 21:56 hrs., boat used by the Highway Department against blew their horn repetitively at close proximity from the residential estate.	WA6 Portion X			
COM-2012-012(1)	13-Nov-2012	22:27 hrs.	HyD	Environmental (Noise)	Once again your site continues to work late. The attached photo was taken at 10.15pm on Tuesday 13 Nov. The machinery used on the barges is very noisy. Why do you continue to work till 10pm and why do you work on a Sunday. Surely this is classified as a construction site for which you are in breach of various ordinances. An early reply is appreciated.	Portion X	The following further mitigation measures during the course of the reclamation works will be taken: • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at nighttime and Sundays.	Closed	–
COM-2013-015	17-Jan-2013	–	EPD	Environmental (Air)	The complainant raised that construction dust was arising from construction site of China State Contruction Engineering (Hong Kong) Ltd near Siu Ho Wan Sewage Treatment Works due to insufficient dust suppression and inadequate wheel washing.	WA3	The Contractor of HY/2011/03 would take the following actions with immediate effect • To ensure no loosed earth material exposed at the edges of eth stockpiled earth materials i.e. to prevent erosion by wind and water ; • To cover the stockpiled earth material by adequate tarpaulin; • To enhance the frequency of watering (3 times per day) onto existing haul road and other area as appropriate; and • To install a water sprinkler system to enhance the existing dust suppression measures once the water point is ready for water supply by WSD.	Closed	

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

Complaint Register

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

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-018 (11)	28-Apr-2013	15:44	EPD	Environmental (Noise)	The complainant complained that machinery noise generated from the reclamation site near Tung Chung Development Pier at around 22:00 of 28 April 2013 causing nuisance to public.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Briefing given to the operator of the barges for proper operation of marine vessels; - Operating barge by experienced operators only; - Keeping adequate routine maintenance for barges e.g. application of lubricants into moving parts in order to avoid squeak noise; - Install noise covers onto noisy equipment where practicable. - Remind subcontractor only well-maintained plant should be operated on-site. - Speed up of construction works in order to shorten the duration (days) of potential noise impact/nuisance to the surrounding environment; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-022	08-Apr-2013	--	EPD	Environmental (Water)	The complaint alleged that oil was dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. Photos were provided by the complainant.	Portion X	The Contractor has checked the photos provided by the complainant and confirmed that the vessels and boats shown in the photos do not belong to Contract No. HY/2011/03.As this complaint is not related to this Contract, no follow up action is required. The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan (SRP) in case of accidental release of oils from vessel.	Closed	-
COM-2013-022(2)	23-May-2013	09:15 hrs	EPD	Environmental (Water)	This complaint was a follow-up of a previous complaint received by EPD on 8 April 2013 regarding oil slicks caused by vessels. It was alleged that oil was still being dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. On the other hand, the complainant would [illegible]	Portion X	The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan in case of accidental release of oils from vessel and handle the chemical waste (waste oil) in accordance with the requirements provided in the EM&A Manual.	Closed	-
COM-2013-023	02-May-2013	--	HyD	Environmental (Noise)	The complainant alleged that there were metal parts dropped on the ground creating noise at 12:58 on 1 May 2013	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-024	23-May-2013	09:50 hrs	EPD	Environmental (Noise)	A complaint was received on 23 May 2013 regarding noise generated from dropping metal parts on numerous occasion on the pier opposite Le Blau Deux at around 08:45 to 10:00 hrs of 18 May 2013 and loading/unloading activities creating noise disturbance by the contractor of HY/2011/03.	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-027	29-Jun-2013	10:02 hrs	RSS	Environmental (Noise)	A complaint was received on 29 June 2013 regarding noise generated from the works area near the site office (WA6) around 10:00 hrs on 29 June 2013	WA6	The Contractor was recommended to minimize the potential noise impacts generated from the construction sites as far as practicable in future.	Closed	-
COM-2013-033	13-Sep-2013	Around 22:00 hrs	RSS	Environmental (Noise)	A complaint was received regarding the noise nuisance from barge at about 22:20 hrs on 13 September 2013 and 02:30 hrs on 14 September 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-034	17-Sep-2013	--	HyD	Environmental (Noise)	A complaint was received on 17 September 2013 regarding the noise nuisance from tree transplanting activities in the morning of 14 September 2013.	Portion Y	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-

HyD Contract No.HY/2011/03
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-2013-037	8-Oct-2013 9-Oct-2013 16-Oct-2013	--	Supervising Officer's Representative	Environmental (Noise)	The complainant complained the noise from barge operation from 21:30 to 22:30 hrs on 4 October 2013. The complainant complained that several loud bangs were heard starting from 21:00 hrs on 7 October 2013. The complainant complained that it was very noisy at the noon of 14 October 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: -minimize the quantities of plant used during restricted hours as far as practicable; and -regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-041	31-Oct-2013	21:52 hrs	EPD	Environmental (Noise)	A complaint was received on 31 October 2013 regarding the noise generated from a barge being moved by a tug boat in the morning of 31 October 2013 (around 05:55).	N/A	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during the night-time and early morning period (7pm to 7am).	Closed	-
COM-2013-043	11-Nov-2013	--	EPD	Environmental (Noise)	A complaint was received on 11 November 2013 regarding a barge moving through the southern channel of HyD's construction site after 23:00 hrs on 8 November 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-045	27-Dec-2013	--	HyD	Environmental (Noise)	A complaint was received on 27 December 2013 regarding barges operating at the south channel of Portion X in the afternoon of 26 December 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2014-046	16-Jan-2014	17:22 hrs	HyD	Environmental (Air Quality)	A complaint was received on 16 January 2014 regarding heavy exhausts generated at around 8 a.m. and 10 a.m. over past few months and or even midnight.	N/A	The Contractor has implemented the following measure to minimize exhaust fumes generated from machinery: - Maintenance for the all machinery regularly.	Closed	-
COM-2014-048	18-Jan-2014	--	EPD	Environmental (Other: Blackish mud)	A complaint was received on 18 January 2014 regarding blackish mud along the edge of the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Project near the airport in the morning of 18 January 2014.	Portion X	Based on the investigation results, it is considered that the blackish mud raised in the complaint was not related to HKLR03 Contract. In this case, no follow up action is required.	Closed	-
COM-2014-050	24-Mar-2014	--	EPD	Environmental (Other: Dredged Marine Sediment)	A complaint was received by EPD on 24 March 2014. The complainant advised that there was dredged material found being mixed with soil in the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Project in the vicinity of CAD headquarters and transported out of the site. The complainant suspected that there was improper disposal of dredged marine sediment.	Portion X	Based on the investigation results, it is considered that the complaint is invalid. In this case, no follow up action is required.	In-progress	-

APPENDIX L

Environmental Licenses and Permits

Summary of Environmental Licences and Permits Application and Status

Environmental Permit

Date Application Submitted	Status	Date EP Issued	EP No.	EP Holder	Expiry Date
28.08.2013	VEP issued	05.09.2013	EP-352/2009/C	Highways Department	N/A
29.07.2013	VEP Issued	06.08.2013	EP-353/2009/G	Highways Department	N/A

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

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
25.05.2012	345690	01.06.2012	N/A

Billing Account for Disposal of Construction Waste

Date Application Submitted	Account No	Valid Since	Expiry Date
01.06.2012	7015313	27.06.2012	N/A

Chemical Waste Producer Registration

Date Registration Submitted	Waste Producer No.	Date Registration Issued	Major Waste Type	Expiry Date
20.06.2012	5213-950-C1169-43	12.07.2012	Spent lubricating oil, spent flammable liquid (diesel), surplus paint, spent organic solvent and their containers, spent batteries, soil containing mineral oil	N/A

Wastewater Discharge License

Item No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017

3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017.
4.	15.01.2013	WA 3	Application Ref No.356237 Water Discharge License Ref. WT00015423-2013 was granted on 4 Mar 2013	Valid until 31/03/2018
5.	15.01.2013	WA 4	Application Ref No. 356240 Applied for Water Discharge License and pending for approval	N/A
6	02.04.2013	Airport Road (Southern)	Water discharge license Ref. WT00015866-2013 was granted on 29 Apr 2013	Valid until 30/04/2018
7	02.04.2013	Airport Road (Northern)	Water discharge license Ref. WT00015865-2013 was granted on 29 Apr 2013	Valid until 30/04/2018

Construction Noise Permit

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
1	30.09.2013	WA3	Stockpiling/ wastewater treatment	CNP issued on 13 Sept 2013	GW-RS1012-13	28.09.2013 1900	27.03.2014 0700
2	27.09.2013	Portion X	Marine Works	CNP issued on 15.10.2013	GW-RS1144-13	15.10.2013 2300	11.04.2014 0700
3	05.10.2013	Portion X	Marine Works	CNP issued on 22.010.2013	GW-RS1170-13	22.10.2013 1900	18.04.2014 2300
4	30.10.2013	Kwo Lo Wan	Pile pilling	CNP issued on 07.11.2013	GW-RS1253-13	04.12.2013 0000	03.06.2014 2400
5	04.11.2013	Kwo Lo Wan	Pile pilling	CNP issued on 15.11.2013	GW-RS1303-13	04.12.2013 1900	03.06.2014 2300
6	08.11.2013	Tung Fai Road	Water Pipes installation	CNP issued on 15.11.2013	GW-RS1308-13	25.11.2013 2100	24.05.2014 0700
7	12.11.2013	WA4	Loading/ Unloading of stockpiles	CNP issued on 26.11.2013	GW-RW0842-13	04.12.2013 1900	03.06.2014 2300
8	21.11.2013	S14	Grouting works	CNP issued on 05.12.2013	GW-RS1411-13	06.12.2013 1900	05.06.2014 2300
9	19.12.2013	West Portal	Canopy/ grouting works	CNP issued on 02.01.2013	GW-RS1504-13	03.01.2014 1900	02.07.2014 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
10	19.12.2013	Kwo Lo Wan	Jet Grouting Trial	CNP issued on 02.01.2013	GW-RS1487-13	19.01.2014 0000	30.03.2014 0700
11	14.01.2014	Portion X	Stone Column works during runway closure	CNP issued on 28.01.2014	GW-RS0060-14	05.02.2014 0130	04.04.2014 0700
12	17.01.2014	Airport Road 1900	Rock Excavation	CNP issued on 30.01.2014	GW-RS0070-14	04.02.2014 1900	03.08.2014 2300
13	20.01.2014	Airport Road 2300	Wastewater treatment	CNP issued on 30.01.2014	GW-RS0074-14	12.02.2014 2300	11.08.2014 0700
14	24.01.2014	Kwo Lo Wan	Grouting works	CNP issued on 7.02.2014	GW-RS0096-14	10.02.2014 1900	08.08.2014 2300
15	19.02.2014	Portion X	Marine Works	CNP issued on 05.03.2014	GW-RS0154-14	05.03.2014 1900	04.09.2014 2300
16	25.02.2014	S16	Grouting works	CNP issued on 11.03.2014	GW-RS0180-14	11.03.2014 1900	11.05.2014 2300
17	25.02.2014	Tung Fai Road TTA Works	TTA Works	CNP issued on 11.03.2014	GW-RS0176-14	14.03.2014 0000	31.03.2014 0500
18	27.02.2014	West Portal	Tunnel works	CNP issued on 11.03.2014	GW-RS0181-14	11.03.2014 1900	10.09.2014 2400
19	10.03.2014	Portion X	Stone Column works during runway closure	CNP issued on 03.24.2014	GW-RS0258-14	05.04.2014 1900	04.06.2014 2400
20	10.03.2014	WA3	Stockpiling/ wastewater treatment	CNP issued on 24.03.2014	GW-RS0256-14	24.03.2014 2400	27.09.2014 2400

APPENDIX M

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Air Quality							
S5.5.6.1	A1	1) The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	2) Proper watering of exposed spoil should be undertaken throughout the construction phase: • Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; • Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; • A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. • The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; • Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√

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

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

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

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

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

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

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

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

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

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		into the drainage system, and to prevent storm run-off from getting into foul sewers; • discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.					
S9.14	W3	• Implement a water quality monitoring programme	Control water quality	Contractor	At identified monitoring	During construction	√
Ecology (Construction Phase)							
S10.7	E1	• Good site practices to avoid runoff entering woodland habitats in Scenic Hill; • Reinstate works areas in Scenic Hill; • Avoid stream modification in Scenic Hill.	Avoid potential disturbance on habitat of Romer.s Tree Frog in Scenic Hill	Designer; Contractor	Scenic Hill	During construction	√
S10.7	E2	• Install silt curtain during the construction; • Construct seawall prior to reclamation filling where practicable; • Good site practices; • Site runoff control3; • Spill response plan.	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S10.7	E4	• Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater.	Prevent Sedimentation from Land-based works areas	Contractor	Land-based works areas	During construction	√
S10.7	E5	• Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time	Prevent disturbance to terrestrial fauna and habitats	Contractor	Land-based works areas	During construction	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S10.7	E6	• Dolphin Exclusion Zone; • Dolphin watching plan .	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E7	• Decouple compressors and other equipment on working vessels; • Avoidance of percussive piling; • Marine underwater noise monitoring; • Temporal suspension of drilling bored pile casing in rock during peak dolphin calving season in May and June; • Handling with care for the installation of sheet piling for reclamation site	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E8	• Control vessel speed; • Skipper training; • Predefined and regular routes for working vessels; avoid Brothers Islands.	Minimise marine traffic disturbance on dolphins	Contractor	Marine traffic	During marine works	√
S10.10	E9	• Dolphin vessel monitoring; • Mudflat ecological monitoring.	Minimise marine traffic disturbance on dolphins	Contractor	North Lantau and West Lantau	Prior to construction, during construction, and 1 year after operation	√
Ecology (Operation Phase)							
S10.7	E10	• Preconstruction dive survey for corals	Minimise impacts on marine ecology	Contractor	The marine pier sites nearest to intertidal zone and along the shore of the HKLR eclamation site	Prior to marine construction works in these locations	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Fisheries							
S11.7	F2	• Reduce re-suspension of sediments • Good site practices • Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S11.7	F3	• Install silt-grease trap in the drainage system collecting surface runoff	Minimise impacts on marine water quality impacts	Designer	Reclamation area	During construction	√
S11.7	F4	• Maritime Oil Spill Response Plan (MOSRP); • Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation stage	√
Landscape & Visual (Detailed Design Phase)							
S14.3.3.1	LV1	General design measures include: • Roadside planting and planting along the edge of the reclamation is proposed; • Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; • Protection measures for the trees to be retained during construction activities; • Optimizing the sizes and spacing of the bridge columns; • Fine-tuning the location of the bridge columns to avoid visually sensitive locations; • Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on; Considering the decorative urban design elements for HKLR, e.g. decorative road lightings;	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		• Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; • Providing planting area around peripheral of HKLR for tree planting screening effect.					
S14.3.3.1	LV1	• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and • reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment (refer to Figure 14.4.3).	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	
Landscape & Visual (Construction Phase)							
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts G1. Grass-hydroseed bare soil surface and stock pile areas. G2. Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic. G3. For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment. G4. Vegetation reinstatement and upgrading to disturbed areas.	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		G5. Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed. G6. Provide planting area around peripheral of and within HKLR for tree screening buffer effect. G7. Plant salt tolerant native tree and shrubs etc along the planterstrip at affected seawall. G8. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt .natural-look. by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance .natural-look. of the new coastline (see Figure 14.4.2 for example).					
S14.3.3.3	LV3	Mitigate Visual Impacts V1.Minimize time for construction activities during construction period. V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.					√
EM&A							
S15.5-S15.6	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	Contractor	All construction sites	Construction stage	√

APPENDIX N

Record of "Notification of Environmental Quality Limit Exceedances" &
"Notification of Summons and Prosecutions"

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 174 ver1

Date of Notification: 4 April 2014

Works Inspected: Data collected from water sampling works on 17 March 2014 and the test report was issued on 24 March 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.77 x 120% = **12.9** mg/L for mid ebb) AND CS(Mf)5: 9.53 x 120% = **11.4** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.77 x 130% = **14.0** mg/L for mid ebb) AND CS(Mf)5: 9.53 x 130% = **12.4** mg/L for mid flood)	***24.3***	10.2
SS	IS10	DA			14.0	***24.4***
SS	SR3	DA			***29.2***	11.9

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

Possible reason for Action or Limit Level Non-compliance:

On 17 March 2014, AL exceedances were recorded at stations IS5 and SR3 during mid-ebb tide and at station IS10 during mid-flood tide.

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

1. Geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS10 and SR3 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS5	8.1	to	25.7	7	to	23.7
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28

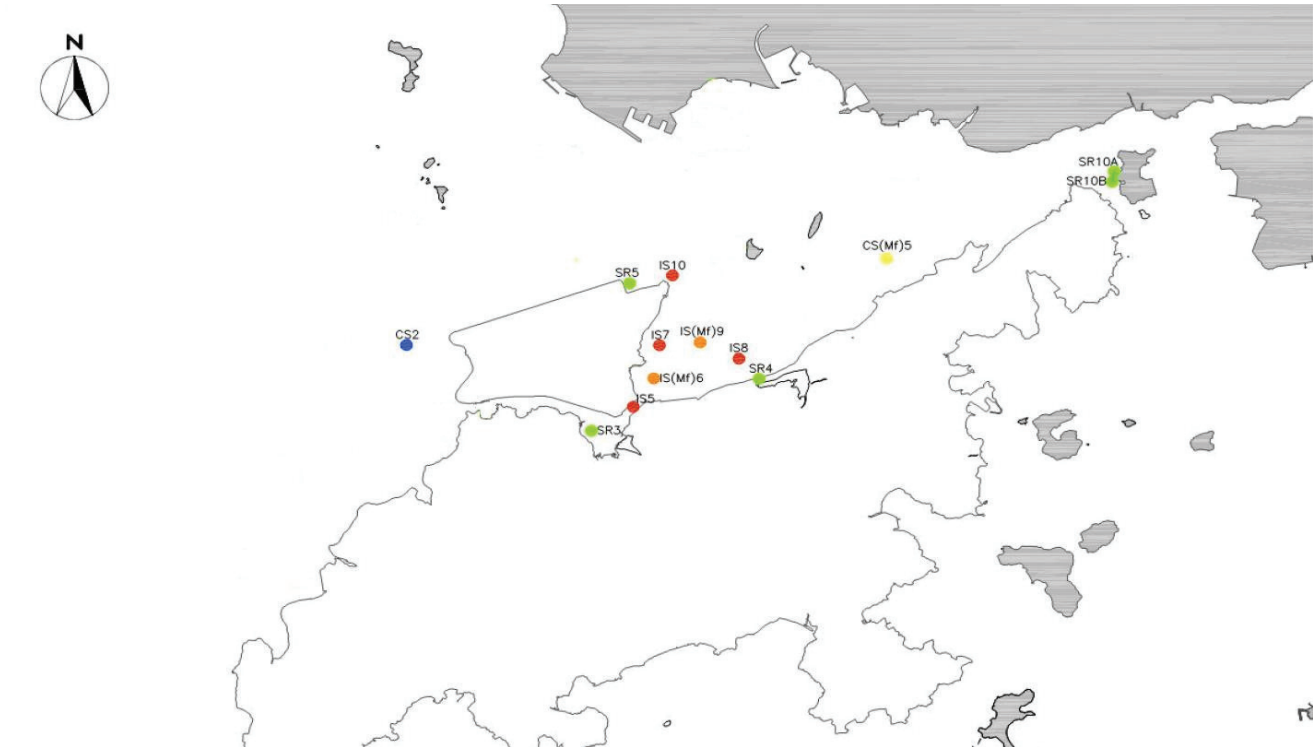
   The measured values at stations IS5 and SR3 were within the range of suspended solid during baseline monitoring for mid-ebb tide. The measured value at station IS10 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 4 April 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 175 ver1

Date of Notification: 4 April 2014

Works Inspected: Data collected from water sampling works on 19 March 2014 and the test report was issued on 26 March 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 12.67 x 120% = **15.2** mg/L for mid ebb) AND CS(Mf)5: 8.43 x 120% = **10.1** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 12.67 x 130% = **16.5** mg/L for mid ebb) AND CS(Mf)5: 8.43 x 130% = **11.0** mg/L for mid flood)	***30.9***	11.2
SS	IS(Mf)6	DA			***27.6***	15.0
SS	IS10	DA			13.1	***25.1***
SS	SR3	DA			***36.7***	11.3
SS	SR5	DA			8.5	***27.0***

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

Possible reason for Action or Limit Level Non-compliance:

On 19 March 2014, AL exceedances were recorded at stations IS5 and IS(Mf)6 during mid-ebb tide and at stations IS10 and SR5 during mid-flood tide. A LL exceedance was recorded at station SR3 during mid-ebb tide.

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

1. Geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS10, SR3 and SR5 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS5	8.1	to	25.7	7	to	23.7
IS(Mf)6	7.1	to	19	8.5	to	35
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28

SR5	6.7	to	16.5	6.5	to	31.2

The measured values at stations IS5, IS(Mf)6 and SR3 for mid-ebb tide and the measured value at station IS10 for mid-flood tide were above the range of suspended solid during baseline monitoring. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

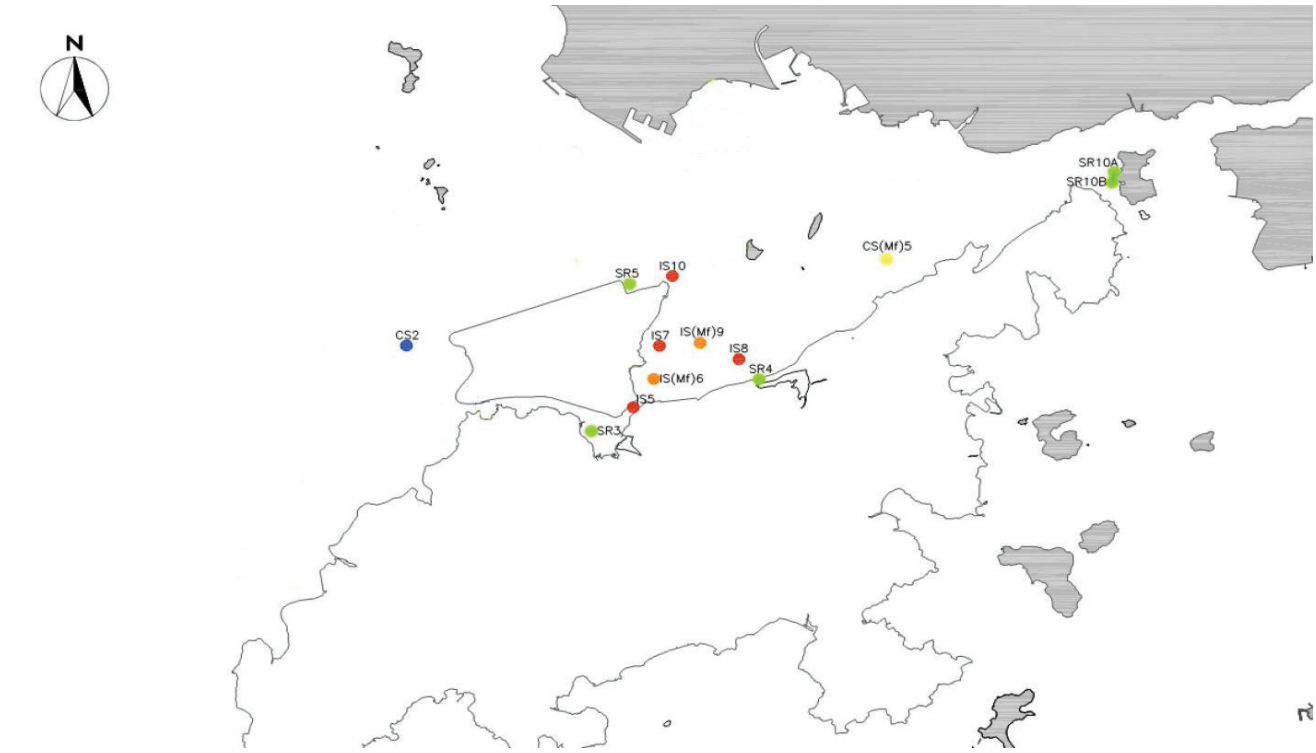
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 4 April 2014

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

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

Notifications of Environmental Quality Limits Exceedances Notification No.: 176 ver 1

Date of Notification: 4 April 2014

Works Inspected: Data collected from water sampling works on 21 March 2014 and the test report was issued on 27 March 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	SR5	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 13.68 x 120% = **16.4** mg/L for mid ebb) AND CS(Mf)5: 7.37 x 120% = **8.8** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 13.68 x 130% = **17.8** mg/L for mid ebb) AND CS(Mf)5: 7.37 x 130% = **9.6** mg/L for mid flood)	***23.9***	15.9

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

Possible reason for Action or Limit Level Non-compliance:

On 21 March 2014, an AL exceedance was recorded at station SR5 during mid-ebb tide.

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

1. Geotextile tube installation, stone column installation and formation of stone platform at Zone 1, formation of seawall, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations SR5 during the baseline monitoring are shown as below:

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

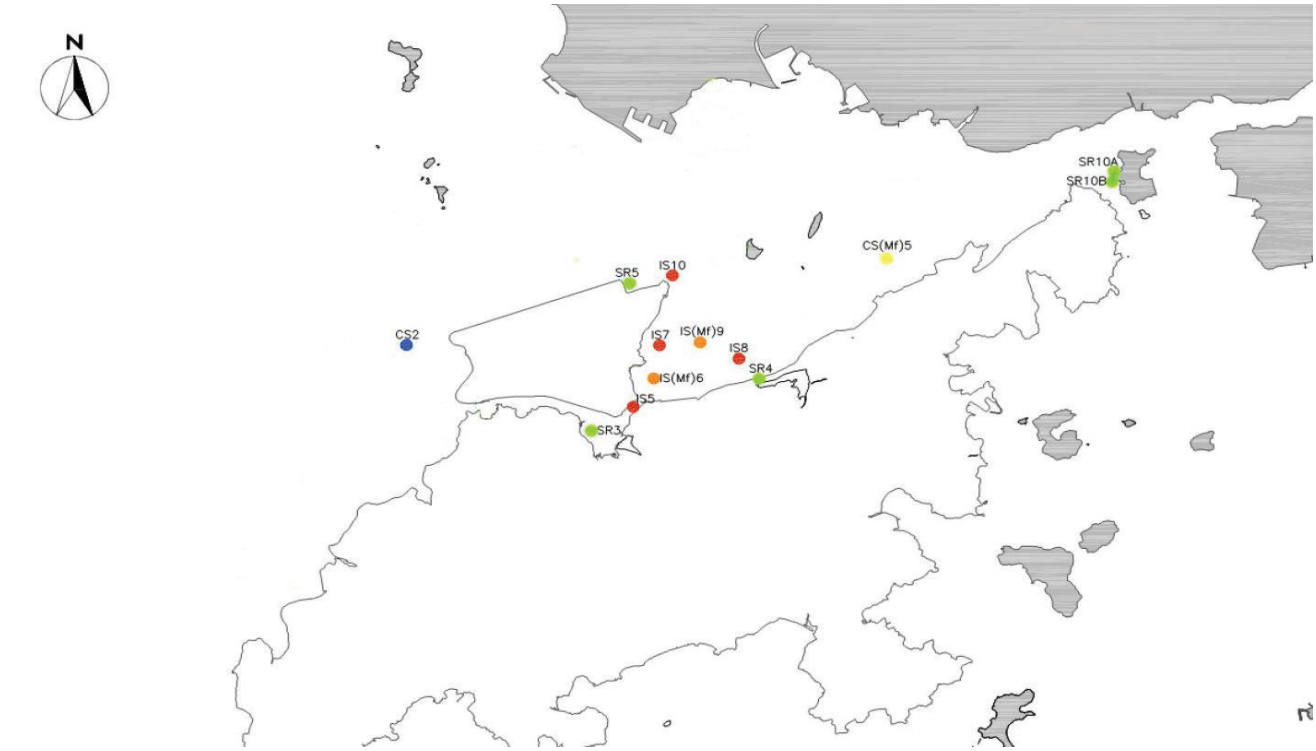
   The measured value at station SR5 was above the range of suspended solid during baseline monitoring for mid-ebb tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 4 April 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 177

Date of Notification: 11 April 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 20 March 2014 and the test report was issued on 26 March 2014

Monitoring Location: AMS6 – Dragon Air Building (AMS6)

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***190***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 20 March 2014.

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

Zone 1

- Geotextile tube installation
- Formation of stone platform
- Rock fill
- Stone column installation

Zone 2
- Transfer of fill material
- Formation of stone platform
- Formation of seawall
- Stone column installation

Zone 3A
- Transfer of fill material
- Formation of stone platform
- Formation of seawall

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The Air Quality Health Index (AQHI) recorded by EPD at the Tung Chung station during the sampling time ranged from 3 (low) to 8 (very high). Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

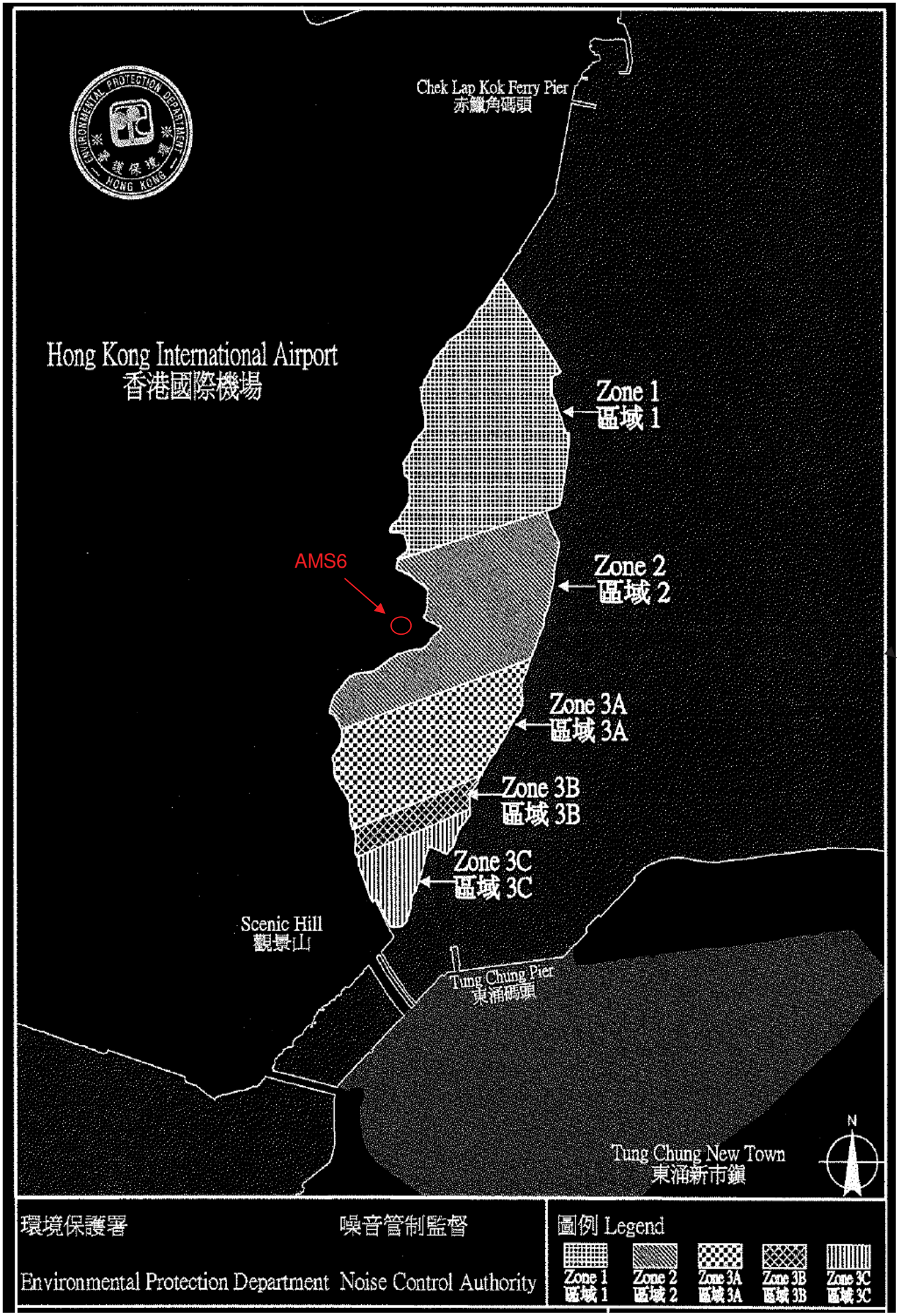
Actions taken/ to be taken:

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

Reviewed by : Claudine Lee Title : ET Leader

Date : 11 April 2014

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


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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 178

Date of Notification: 11 April 2014

Works Inspected: Data collected from water sampling works on 26 March 2014 and the test report was issued on 2 April 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)9	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.12 x 120% = **4.9** mg/L for mid ebb) AND CS(Mf)5: 2.77x 120% = **3.3** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.12 x 130% = **5.4** mg/L for mid ebb) AND CS(Mf)5: 2.77 x 130% = **3.6** mg/L for mid flood)	6.9	***26.6***

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

Possible reason for Action or Limit Level Non-compliance:

On 26 March 2014, an AL exceedance was recorded at station IS(Mf)9 during mid-flood tide.

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

1. Geotextile tube installation, formation of stone platform stone column installation and Rock fill at Zone 1, formation of stone platform and stone column installation at Zone 2 and formation of seawall at Zone 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station IS(Mf)9 during the baseline monitoring are shown as below:

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

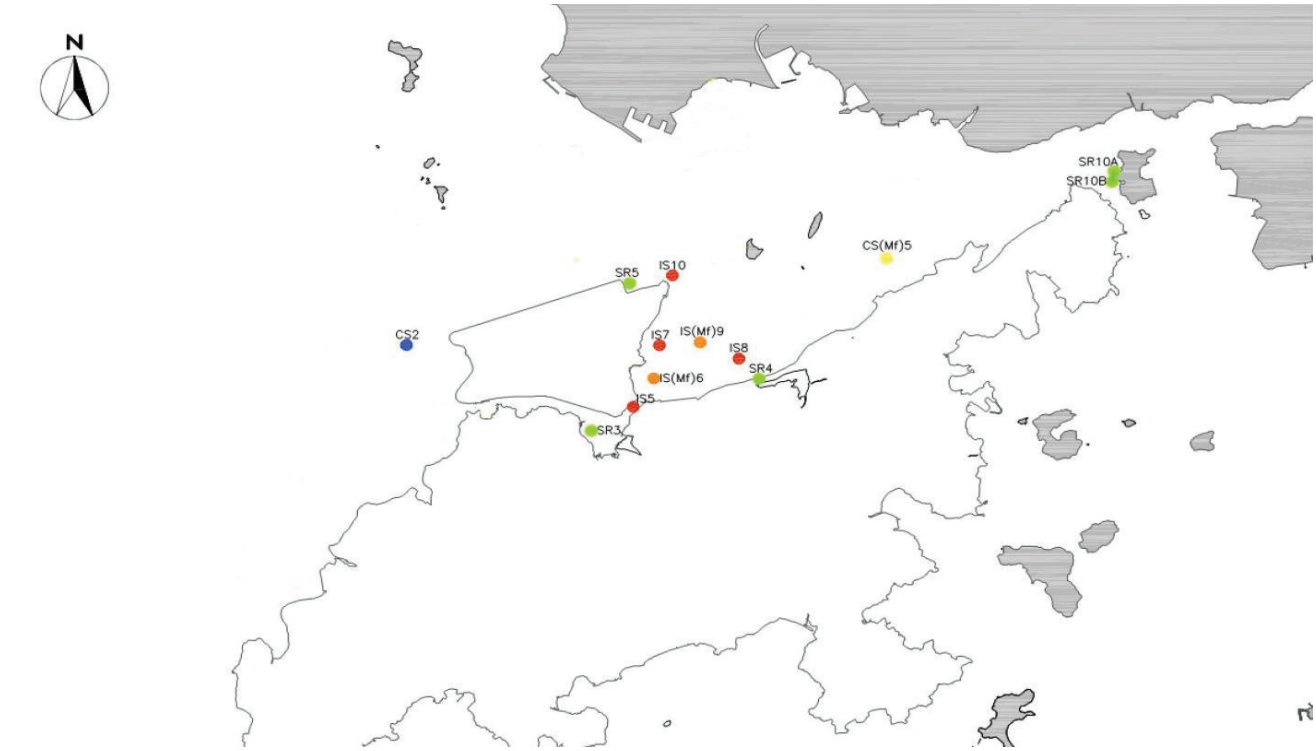
   The measured value at station IS(Mf)9 was slightly above the range of suspended solid during baseline monitoring for mid-ebb tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid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

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 11 April 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 179

Date of Notification: 11 April 2014

Works Inspected: Data collected from water sampling works on 31 March 2014 and the test report was issued on 7 April 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS7	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 18.75 x 120% = **22.5** mg/L for mid ebb) AND CS(Mf)5: 21.37 x 120% = **22.6** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 18.75x 130% = **24.4** mg/L for mid ebb) AND CS(Mf)5: 31.37 x 130% = **27.8**mg/L for mid flood)	11.8	***28.2***
SS	IS(Mf)9	DA			19.5	***28.1***
SS	IS10	DA			***26.7***	23.5

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

Possible reason for Action or Limit Level Non-compliance:

On 31 March 2014, an AL exceedance at station IS10 was recorded during mid-ebb tide and AL exceedances at IS7 and IS(Mf)9 were recorded during mid-flood tide.

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

1. Formation of stone platform, Stone column installation and Rock fill at Zone 1 and Formation of stone platform at Zone 2, were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS7, IS(Mf)9 and IS10 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS7	6.1	to	21	7.8	to	34
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16

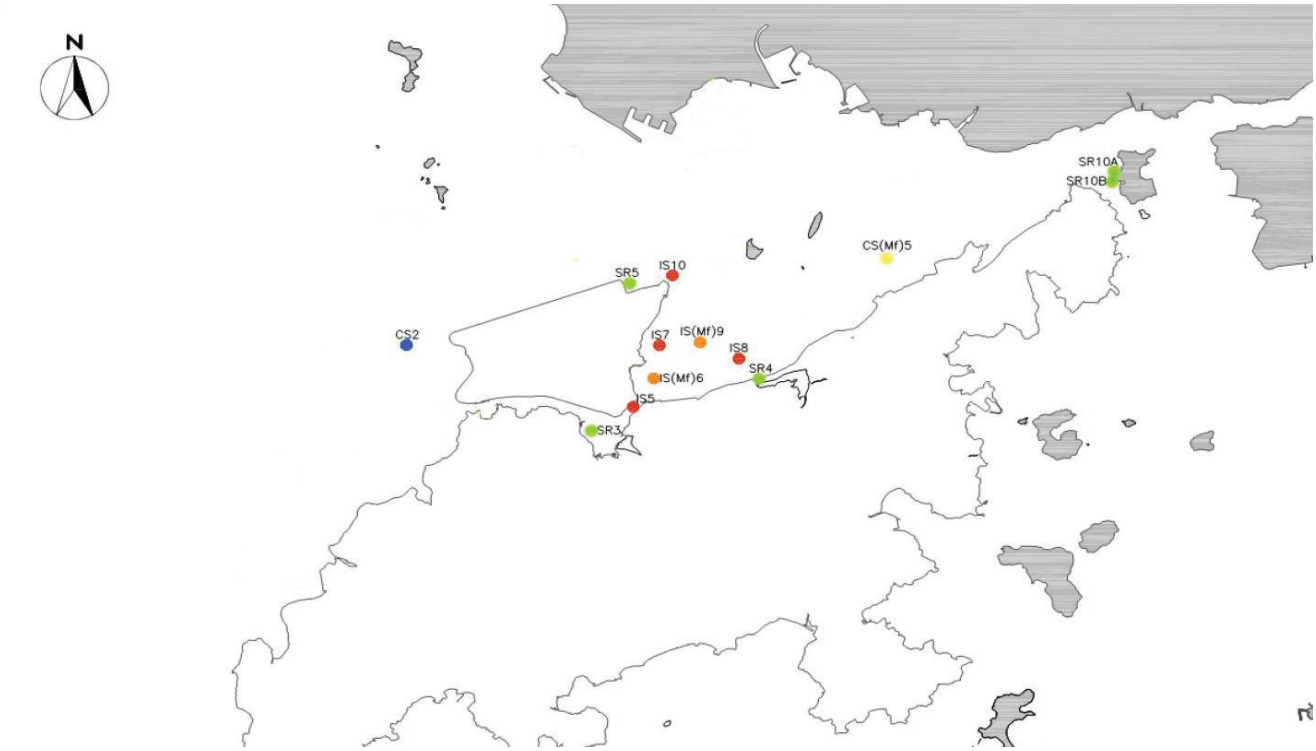
   The measured values at stations IS7 was within the range of suspended solid during baseline monitoring for mid-flood tide. The measured value at station IS(Mf)9 for mid-flood tide and the measured value at station IS10 for mid-ebb tide were above the range of suspended solid during baseline monitoring. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 11 April 2014

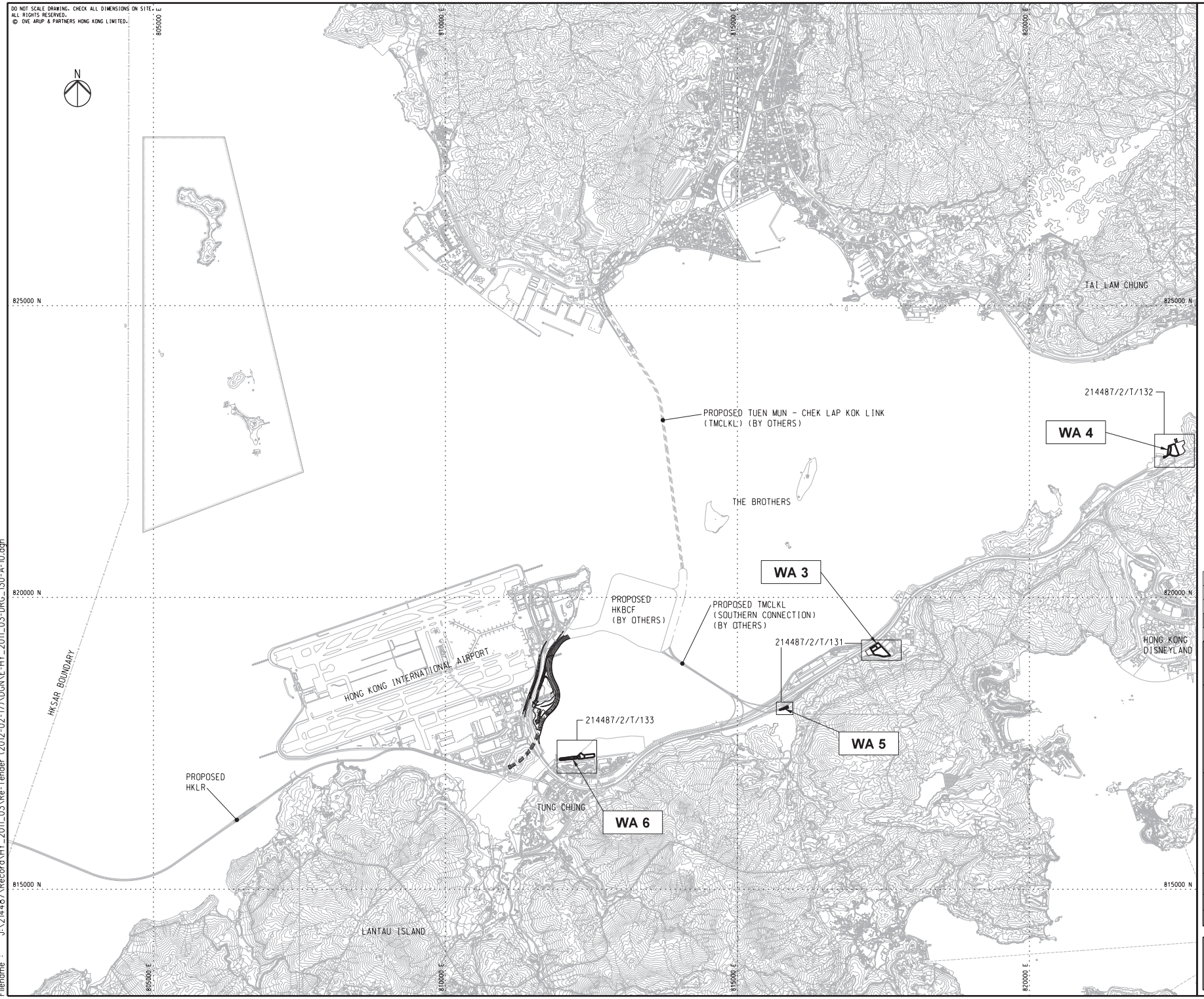
Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

Summary of Notifications of Summons and Prosecutions

Total No. of Notifications of Summons / Prosecutions Received	No. of Notifications of Summons / Prosecutions Received during Reporting Period	Status of Notifications of Summons / Prosecutions
0	0	N/A

APPENDIX O

Location of Works Areas



NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

WORKS AREAS
KEY PLAN

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

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

Printed by : 13/2/2012
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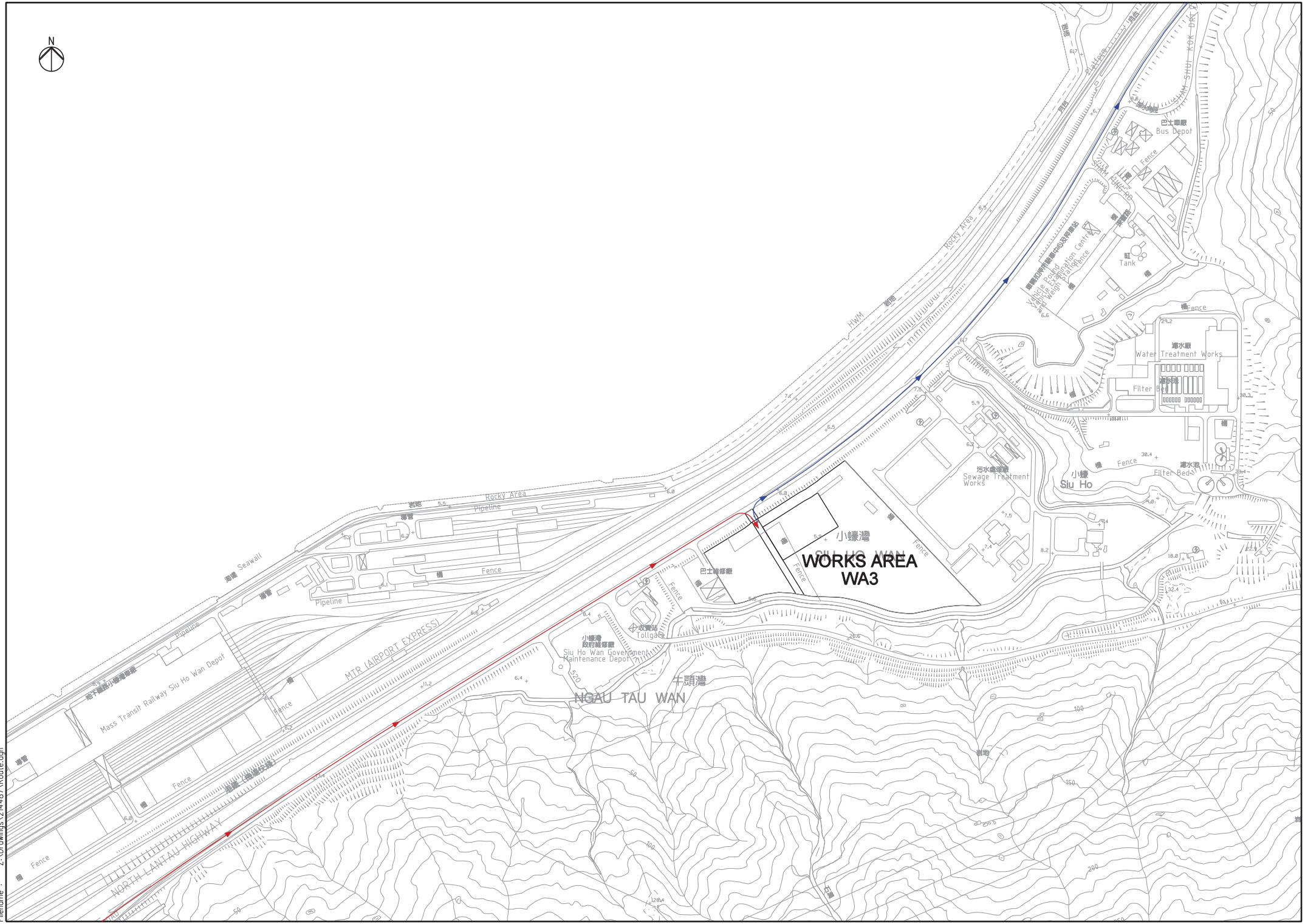

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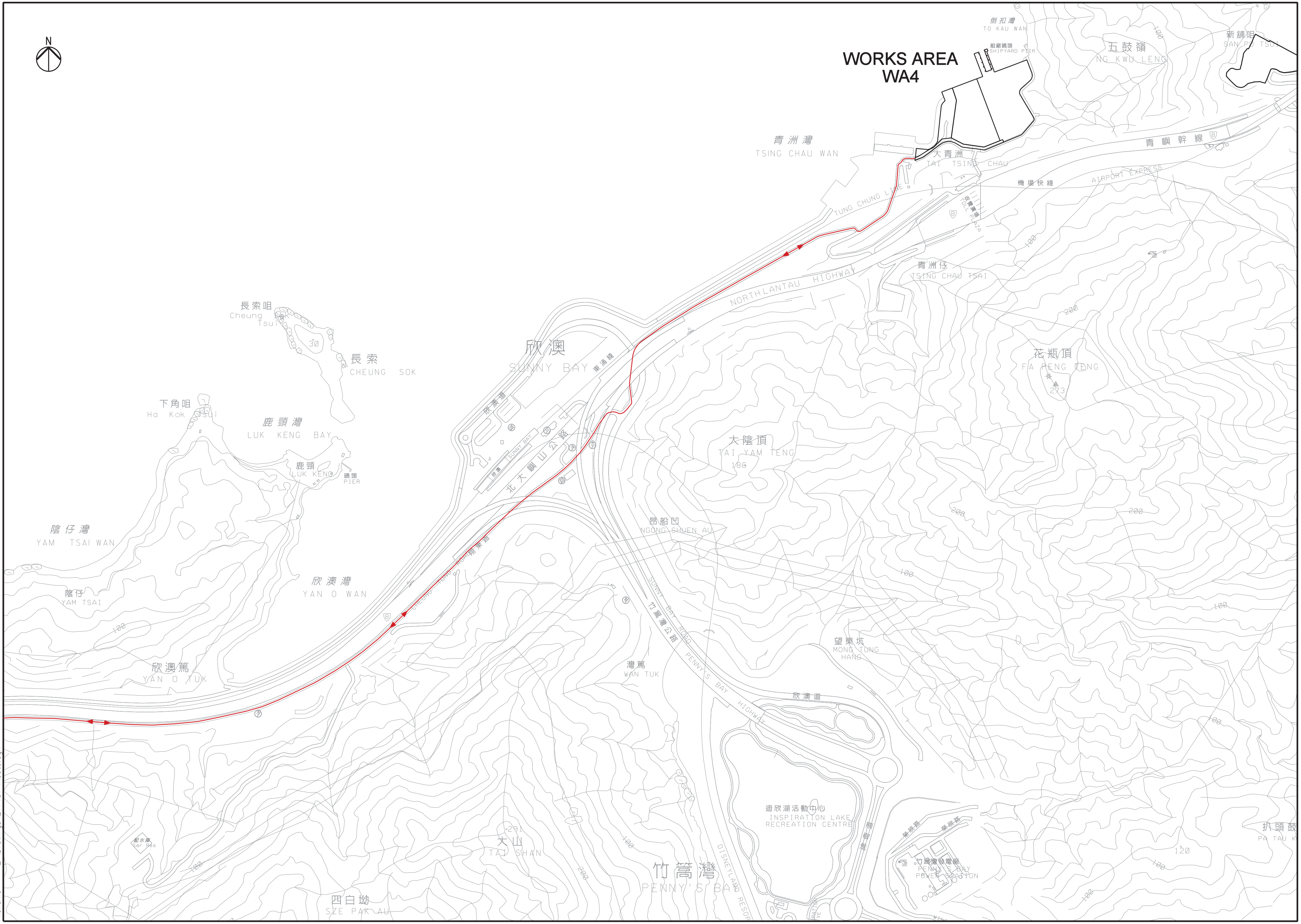

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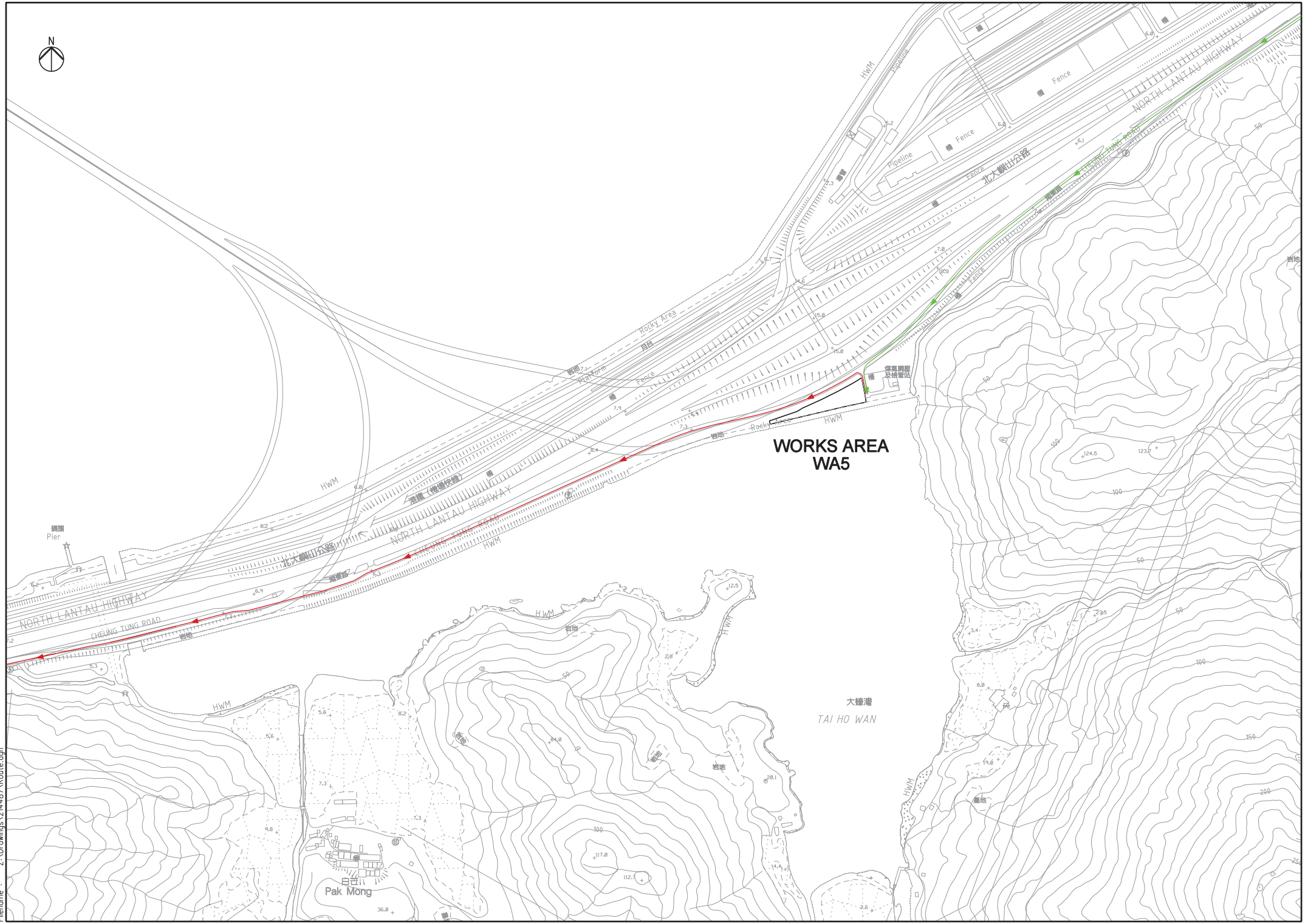
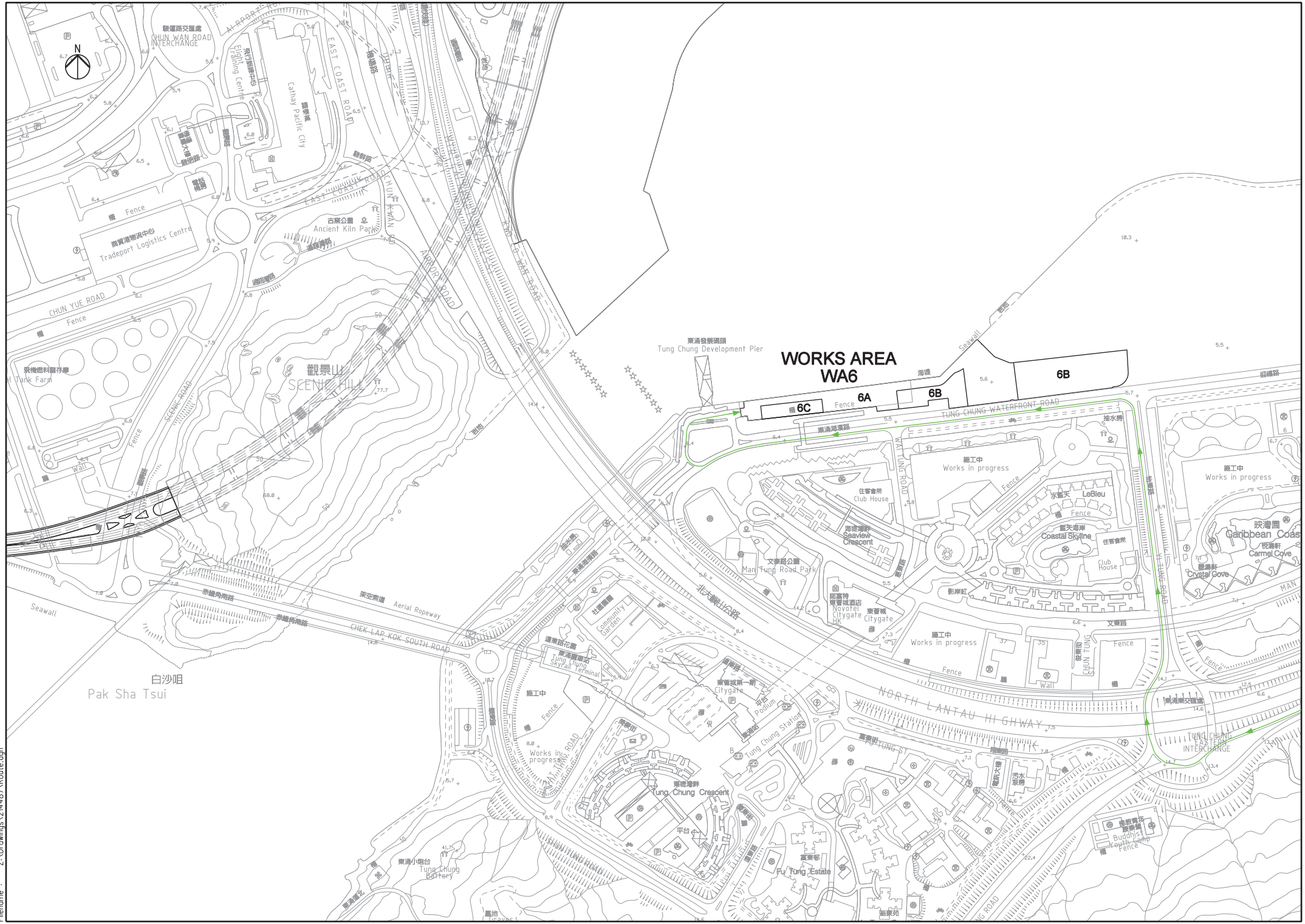

N
WORKS AREA
WA5
NORTH LANTAU HIGHWAY
CHEUNG TUNG ROAD
北大嶼山公路
HWM
Pipeline
Fence
Rocky Area
Pier
碼頭
Pak Mong
白芒
大蠔灣
TAI HO WAN
Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn



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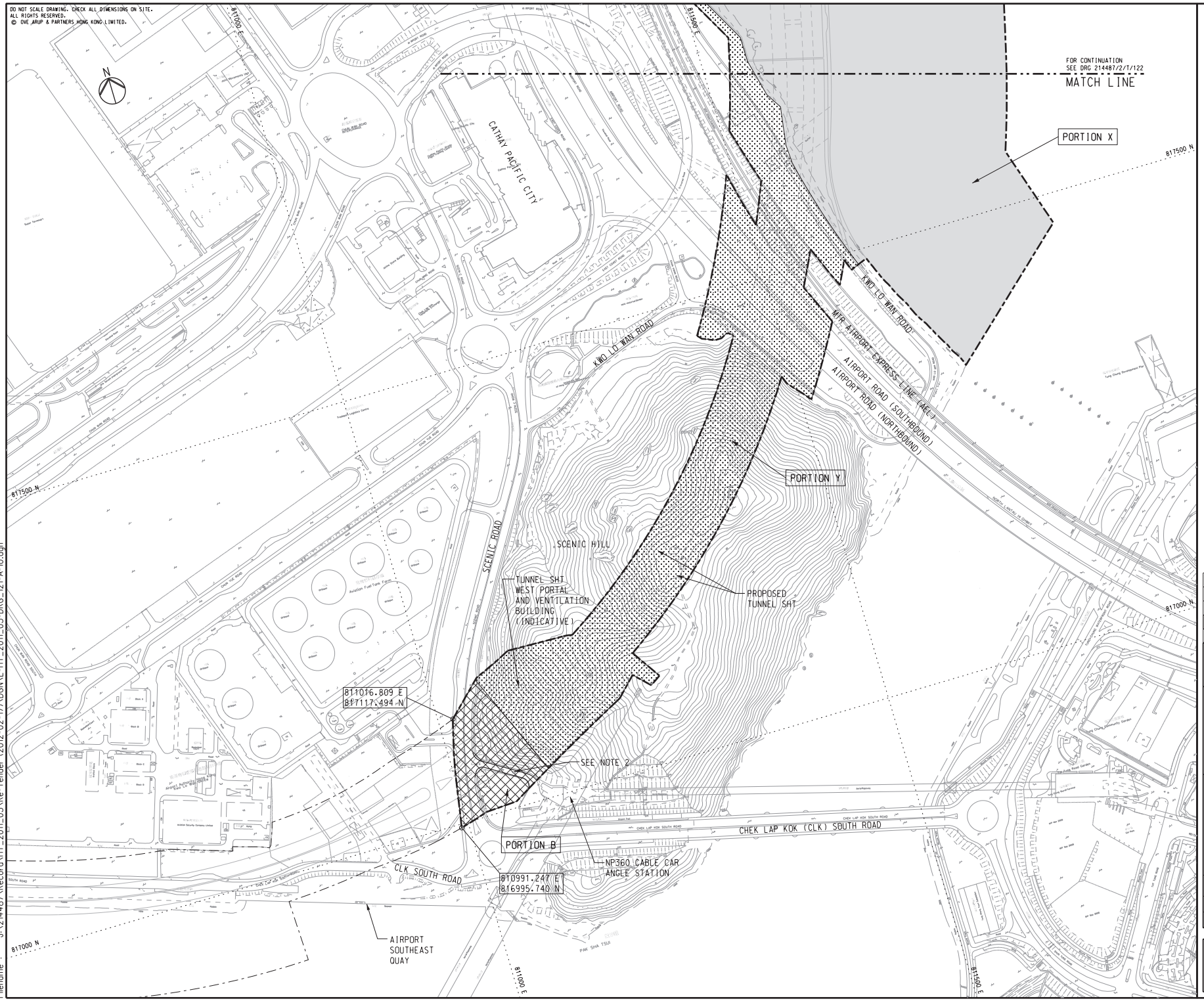

NOTES

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

LEGEND

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale	Status
1:2000 @A1	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

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

NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

Drawing no.		Rev.
214487/2/T/122		A
Drawn: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:2000 @A1	Status: TENDER	

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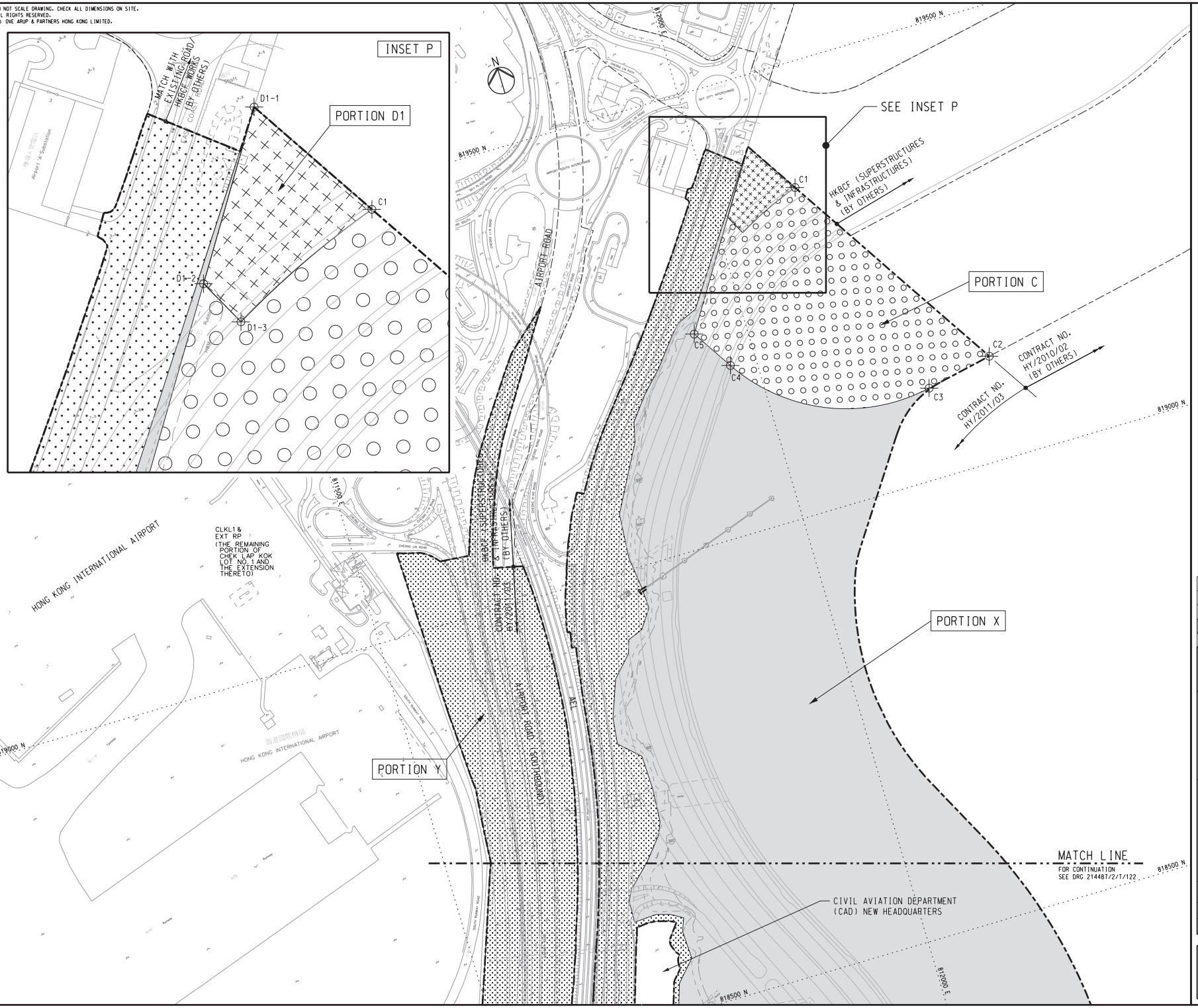
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

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



NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

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

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

Drawing title
PORTION OF SITE
(SHEET 3 OF 3)

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale: 1:2000 @A1
Status: TENDER

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

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