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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

Quarterly EM&A Report No. 11 (Mar 2015 to May 2015)

31 August 2015

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 EIA Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/D for HKLR and EP-353/2009/H for HKBCF were issued on 22 December 2014 and 19 January 2015, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012.

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

This is the eleventh Quarterly EM&A report for the Contract which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 March 2015 to 31 May 2015.

Environmental Monitoring and Audit Progress

The EM&A programme were undertaken in accordance with the Updated EM&A Manual for HKLR (Version 1.0). A summary of the monitoring activities during this reporting period is presented as below:

Monitoring Activity		Monitoring Date		
		March 2015	**April 2015**	**May 2015**
Air Quality	1-hr TSP	2, 6, 12, 18, 24 and 30	2, 8, 14, 20, 24 and 29	5, 11, 15, 21 and 27
	24-hr TSP	5, 11, 17, 23 and 27	1, 8, 13, 17, 23 and 28	AMS5: 4, 8, 14, 20 and 26 AMS6: 4, 12, 15, 20 and 26
Noise		2, 12, 18, 24 and 30	8, 14, 20 and 29	5, 11, 21 and 27
Water Quality		2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30	1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29	1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29
Chinese White Dolphin		4, 11, 17 and 26	8, 10, 17 and 22	4, 8, 14 and 18
Mudflat Monitoring (Ecology)		7, 8, 10, 20, 21 and 22	-	-
Mudflat Monitoring (Sedimentation rate)		20	-	-
Site Inspection		4, 11, 18 and 27	1, 8, 15, 22 and 30	6, 13, 20 and 29

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

Due to malfunction of HVS at AMS6 on 8 May 2015, the 24-hr TSP monitoring result obtained on 8 May 2015 was considered invalid. The 24-hr TSP monitoring was rescheduled from 8 May to 12 May 2015.

Due to power interruption of HVS at station AMS6 on 14 May 2015, the 24-hr TSP monitoring at station AMS6 was rescheduled from 14 May 2015 to 15 May 2015.

Due to change of weather condition on 21 May 2015, the dolphin monitoring was rescheduled from 21 May 2015 to 18 May 2015.

Due to boat availability issue, the dolphins monitoring was rescheduled from 9 March 2015 to 11 March 2015, from 23 March 2015 to 26 March 2015, from 14 April 2015 to 10 April 2015 and from 11 May 2015 to 8 May 2015.

Breaches of Action and Limit Levels

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

Environmental Monitoring	Parameters	Action Level (AL)	Limit Level (LL)
Air Quality	1-hr TSP	1	1
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	4	0
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0
Dolphin Monitoring	Quarterly Analysis (Mar to May 2015)	0	1

The Environmental Team investigated all exceedances and found that they were not project related.

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

Implementation of Mitigation Measures

Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. Potential environmental impacts due to the construction activities were monitored and reviewed.

Complaint Log

There were two environmental complaints received in relation to the environmental impact during the reporting period.

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

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2015-066	8 April 2015	Air Quality
COM-2015-068	10 April 2015	Noise

Notifications of Summons and Prosecutions

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

Reporting Changes

This report has been developed in compliance with the reporting requirements for the quarterly summary 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.

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 EIA Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/D for HKLR and EP-353/2009/H for HKBCF were issued on 22 December 2014 and 19 January 2015, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012. **Figure 1.1** shows the project site boundary.

1.1.4 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 provided in **Appendix A**.

1.1.5 This is the eleventh Quarterly Environmental Monitoring and Audit (EM&A) report for the Contract which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 March 2015 to 31 May 2015.

1.2 Project Organisation

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

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 Period

1.4.1 A summary of the construction activities undertaken during this reporting period is shown in **Table 1.1**. The Works areas of the Contract are showed in **Appendix C**.

Table 1.1 Construction Activities during Reporting Period

Site Area	Description of Activities
Portion X	Dismantling/trimming of temporary 40mm stone platform for construction of seawall
Portion X	Filling works behind stone platform
Portion X	Temporary stone platform construction
Portion X	Sheet piling
Portion X	Excavation and lateral support works for Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Sheet Piling Work for Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Socket H-Pile for for Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Construction of Seawall
Portion X	Loading and unloading of filling materials
Portion X	Laying blinding layer for tunnel box structure at Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Excavation works for HKBCF to Airport Tunnel
West Portal	Pipe roofing installation and excavation for Scenic Hill Tunnel
West Portal	Ventilation Building Foundation Works
West Portal	Excavation for Scenic Hill Tunnel
Kwo Lo Wan / Airport Road	Works for diversion of Airport Road and Kwo Lo Wan Road
Airport Road	Excavation works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Airport Road	Mini-piling work for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Airport Road	Pipe Piling Cofferdam Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Airport Road	Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Airport Express Line	Pre-grouting and pipe piling works for Airport Express Line access shafts
Airport Express Line	Canopy pipe drilling underneath Airport Express Line
Kwo Lo Wan/ Airport Road/ Airport Express Line	Utilities detection
Airport Road/ Airport Express Line/ East Coast Road	Establishment of Site Access
Kwo Lo Wan Road	Excavation and lateral support works at shaft 3 extension north shaft & south shaft
Portion Y	Utility culvert excavation
Portion Y	Highway Operation and Maintenance Area Building Foundation Works

2 EM&A Requirement

2.1 Summary of EM&A Requirements

2.1.1 The EM&A programme requires environmental monitoring of air quality, noise, water quality, dolphin monitoring and mudflat monitoring as specified in the approved EM&A Manual.

2.1.2 A summary of Impact EM&A requirements is presented in **Table 2.1**. The locations of air quality, noise and water quality monitoring stations are shown as in **Figure 2.1**. The transect line layout in Northwest and Northeast Lantau Survey Areas is presented in **Figure 2.2**.

Table 2.1 Summary of Impact EM&A Requirements

Environmental Monitoring	Description	Monitoring Station	Frequencies	Remarks
Air Quality	1-hr TSP	AMS 5 & AMS 6	At least 3 times every 6 days	While the highest dust impact was expected.
	24-hr TSP		At least once every 6 days	--
Noise	$L_{eq\ (30mins)}$, $L_{10\ (30mins)}$ and $L_{90\ (30mins)}$	NMS5	At least once per week	Daytime on normal weekdays (0700-1900 hrs).
Water Quality	• Depth • Temperature • Salinity • Dissolved Oxygen (DO) • Suspended Solids (SS) • DO Saturation • Turbidity • pH	• 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	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).
Dolphin	Line-transect Methods	Northeast Lantau survey area and Northwest Lantau survey area	Twice per month	--
Mudflat	Horseshoe crabs, seagrass beds, intertidal soft shore communities, sedimentation rates and water quality	San Tau and Tung Chung Bay	Once every 3 months	--

2.2 Action and Limit Levels

2.2.1 **Table 2.2** presents the Action and Limit Levels for the 1-hour TSP, 24-hour TSP and noise level.

Table 2.2 Action and Limit Levels for 1-hour TSP, 24-hour TSP and Noise

Environmental Monitoring	Parameters	Monitoring Station	Action Level	Limit Level
Air Quality	1-hr TSP	AMS 5	352 μg/m^3	500 μg/m^3
		AMS 6	360 μg/m^3	
	24-hr TSP	AMS 5	164 μg/m^3	260 μg/m^3
		AMS 6	173 μg/m^3	
Noise	$L_{eq\ (30\ min)}$	NMS 5	When one documented complaint is received	75 dB(A)

2.2.2 The Action and Limit Levels for water quality monitoring are given as in **Table 2.3**.

Table 2.3 Action and Limit Levels for Water Quality

Parameter (unit)	Water Depth	Action Level	Limit Level
Dissolved Oxygen (mg/L)	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. Therefore, the amended Action and Limit Levels are applied for the water monitoring results obtained on and after 25 March 2013.

2.2.3 The Action and Limit Levels for dolphin monitoring are shown in **Tables 2.4 and 2.5**.

Table 2.4 Action and Limit Level for Dolphin Impact Monitoring

	North Lantau Social Cluster	
	NEL	**NWL**
Action Level	STG < 70% of baseline & ANI < 70% of baseline	STG < 70% of baseline & ANI < 70% of baseline
Limit Level	STG < 40% of baseline & ANI < 40% of baseline	

Remarks:

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

Table 2.5 Derived Value of Action Level (AL) and Limit Level (LL)

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

2.3 Event Action Plans

2.3.1 The Event Actions Plans for air quality, noise, water quality and dolphin monitoring are annexed in **Appendix D.**

2.4 Mitigation Measures

2.4.1 Environmental mitigation measures for the contract were recommended in the approved EIA Report. **Appendix E** lists the recommended mitigation measures and the implementation status.

3 Environmental Monitoring and Audit

3.1 Implementation of Environmental Measures

3.1.1 In response to the site audit findings, the Contractor have rectified most of the observations as identified during environmental site inspection during the reporting period. Follow-up actions for outstanding observations will be inspected during the next reporting period. Details of site audit findings and the corrective actions during the reporting period are presented in **Appendix F**.

3.1.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix E**.

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

3.1.4 Dolphin Watching Plan was implemented during the reporting period. No dolphins inside the silt curtain were observed. The relevant records were kept properly.

3.2 Air Quality Monitoring Results

3.2.1 The monitoring results for 1-hour TSP and 24-hour TSP are summarized in **Tables 3.1** and **3.2** respectively. Detailed impact air quality monitoring results and relevant graphical plots are presented in **Appendix G**.

Table 3.1 Summary of 1-hour TSP Monitoring Results During the Reporting Period

Reporting Period	Monitoring Station	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
March 2015	AMS5	151	69 - 508	352	500
	AMS6	115	65 - 173	360	
April 2015	AMS5	99	67 - 176	352	
	AMS6	93	65 - 150	360	
May 2015	AMS5	69	59 – 83	352	
	AMS6	75	63 - 107	360	

Table 3.2 Summary of 24-hour TSP Monitoring Results During the Reporting Period

Reporting Period	Monitoring Station	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
March 2015	AMS5	60	32 - 103	164	260
	AMS6	75	42 - 112	173	
April 2015	AMS5	48	31 - 101	164	
	AMS6	67	36 - 118	173	
May 2015	AMS5	21	14 - 27	164	
	AMS6	43	22 - 64	173	

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

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

3.3 Noise Monitoring Results

3.3.1 The monitoring results for construction noise are summarized in **Table 3.3** and the monitoring results and relevant graphical plots for this reporting period are provided in **Appendix H.**

Table 3.3 Summary of Construction Noise Monitoring Results During the Reporting Period

Reporting period	Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)*	Range of $L_{eq\ (30\ mins)}$, dB(A)*	Action Level	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
March 2015	NMS5	59	57 - 60	When one documented complaint is received	75
April 2015		61	58 - 63		
May 2015		63	56 – 74		

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

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

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

3.4 Water Quality Monitoring Results

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

3.4.2 During the reporting period, four Action Level exceedances for suspended solid level were recorded. No exceedance of Limit Level for suspended solid level was recorded. No exceedances of Action and Limit Level for dissolved oxygen level and turbidity were recorded.

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

3.5 Dolphin Monitoring Results

Data Analysis

3.5.1 Distribution Analysis – The line-transect survey data was integrated with the Geographic Information System (GIS) in order to visualize and interpret different spatial and temporal patterns of dolphin distribution using sighting positions. Location data of dolphin groups were plotted on map layers of Hong Kong using a desktop GIS (ArcView© 3.1) to examine their distribution patterns in details. The dataset was also stratified into different subsets to examine distribution patterns of dolphin groups with different categories of group sizes, young calves and activities.

3.5.2 Encounter rate analysis – Encounter rates of Chinese White Dolphins (number of on-effort sightings per 100 km of survey effort, and total number of dolphins sighted on-effort 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. Dolphin encounter rates were calculated in two ways for comparisons with the HZMB baseline monitoring results as well as to AFCD long-term marine mammal monitoring results.

3.5.3 Firstly, for the comparison with the HZMB baseline monitoring results, the encounter rates were calculated using primary survey effort alone, and only data collected under Beaufort 3 or below condition would be used for encounter rate analysis. The average encounter rate of sightings (STG) and average encounter rate of dolphins (ANI) were deduced based on the encounter rates from six events during the present quarter (i.e. six sets of line-transect surveys in North Lantau), which was also compared with the one deduced from the six events during the baseline period (i.e. six sets of line-transect surveys in North Lantau).

3.5.4 Secondly, the encounter rates were calculated using both primary and secondary survey effort collected under Beaufort 3 or below condition as in AFCD long-term monitoring study. The encounter rate of sightings and dolphins were deduced by dividing the total number of on-effort sightings and total number of dolphins (ANI) by the amount of survey effort for the entire quarterly period (March – May 2015).

3.5.5 Quantitative grid analysis on habitat use – To conduct quantitative grid analysis of habitat use, positions of on-effort sightings of Chinese White Dolphins collected during the quarterly impact phase monitoring period were plotted onto 1-km^2 grids among Northwest Lantau (NWL) and Northeast (NEL) survey areas on GIS. Sighting densities (number of on-effort sightings per km^2) and dolphin densities (total number of dolphins from on-effort sightings per km^2) were then calculated for each 1 km by 1 km grid with the aid of GIS. Sighting density grids and dolphin density grids were then further normalized with the amount of survey effort conducted within each grid. The total amount of survey effort spent on each grid was calculated by examining the survey coverage on each line-transect survey to determine how many times the grid was surveyed during the study period. For example, when the survey boat traversed through a specific grid 50 times, 50 units of survey effort were counted for that grid. With the amount of survey effort calculated for each grid, the sighting density and dolphin density of each grid were then normalized (i.e. divided by the unit of survey effort).

3.5.6 The newly-derived unit for sighting density was termed SPSE, representing the number of on-effort sightings per 100 units of survey effort. In addition, the derived unit for actual dolphin density was termed DPSE, representing the number of dolphins per 100 units of survey effort. Among the 1-km^2 grids that were partially covered by land, the percentage of sea area was calculated using GIS tools, and their SPSE and DPSE values were adjusted accordingly. The following formulae were used to estimate SPSE and DPSE in each 1-km^2 grid within the study area:

$$SPSE = ((S / E) \times 100) / SA\%$$
$$DPSE = ((D / E) \times 100) / SA\%$$

where S = total number of on-effort sightings
D = total number of dolphins from on-effort sightings
E = total number of units of survey effort
SA% = percentage of sea area

3.5.7 Behavioural analysis – When dolphins were sighted during vessel surveys, their behaviour was observed. Different activities were categorized (i.e. feeding, milling/resting, traveling, socializing) and recorded on sighting datasheets. This data was then input into a separate database with sighting information, which can be used to determine the distribution of behavioural data with a desktop GIS. Distribution of sightings of dolphins engaged in different activities and behaviours would then be plotted on GIS and carefully examined to identify important areas for different activities of the dolphins.

3.5.8 Ranging pattern analysis – Location data of individual dolphins that occurred during the 3-month baseline monitoring period were obtained from the dolphin sighting database and

photo-identification catalogue. To deduce home ranges for individual dolphins using the fixed kernel methods, the program Animal Movement Analyst Extension, was loaded as an extension with ArcView© 3.1 along with another extension Spatial Analyst 2.0. Using the fixed kernel method, the program calculated kernel density estimates based on all sighting positions, and provided an active interface to display kernel density plots. The kernel estimator then calculated and displayed the overall ranging area at 95% UD level.

Summary of Survey Effort and Dolphin Sightings

3.5.9 During the period of March to May 2015, six sets of systematic line-transect vessel surveys were conducted to cover all transect lines in NWL and NEL survey areas twice per month.

3.5.10 From these surveys, a total of 899.81 km of survey effort was collected, with 97.7% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility). Among the two areas, 344.55 km and 555.26 km of survey effort were conducted in NEL and NWL survey areas respectively.

3.5.11 The total survey effort conducted on primary lines was 655.32 km, while the effort on secondary lines was 244.49 km. Both survey effort conducted on primary and secondary lines were considered as on-effort survey data. A summary table of the survey effort is shown in **Annex I** of **Appendix J**.

3.5.12 During the six sets of monitoring surveys in March to May 2015, a total of 7 groups of 25 Chinese White Dolphins were sighted. Four of the seven dolphin sightings were made during on-effort search. Two of the four on-effort sightings were made on primary lines, while the other two were made on secondary lines. In this quarterly period, all dolphin groups were sighted in NWL, while none of them were sighted in NEL. In fact, no dolphin was sighted in NEL since July 2014, and only one group of four dolphins was sighted there since December 2013 during HKLR03 monitoring surveys. A summary table of the dolphin sightings is shown in **Annex II** of **Appendix J.**

Distribution

3.5.13 Distribution of dolphin sightings made during monitoring surveys in March to May 2015 is shown in **Figure 1 of Appendix J**. These sightings made in the present quarter were scattered to the western end of the NWL survey area, with no particular concentration (**Figure 1 of Appendix J**). No dolphin was sighted at all in NEL survey area.

3.5.14 Notably, all dolphin sightings were made far away from the HKLR03/HKBCF reclamation sites as well as along the entire alignment of Tuen Mun-Chek Lap Kok Link (TMCLKL) during this quarterly period (**Figure 1 of Appendix J**). However, one sighting of a lone individual was made adjacent to the HKLR09 alignment (**Figure 1 of Appendix J).**

3.5.15 Sighting distribution of the present impact phase monitoring period (March to May 2015) was compared to the one during the baseline monitoring period (September to November 2011). In the present quarter, dolphins have completely avoided the NEL region, which was in stark contrast to their frequent occurrence around the Brothers Islands, near Shum Shui Kok and in the vicinity of HKBCF reclamation site during the baseline period (**Figure 1** of **Appendix J**). The nearly complete abandonment of NEL region by the dolphins has been consistently recorded in the past nine quarters, which have resulted in extremely low to zero dolphin encounter rate in this area.

3.5.16 In NWL survey area, dolphin occurrence was also drastically different between the baseline and impact phase quarters. During the present impact monitoring period, much fewer dolphins occurred throughout this survey area than during the baseline period, when many of the dolphin sightings were concentrated between Lung Kwu Chau and Black Point, around Sha Chau, near Pillar Point and to the west of the Chek Lap Kok Airport (**Figure 1** of **Appendix J**).

3.5.17 Another comparison in dolphin distribution was made between the three quarterly periods of spring months in 2013, 2014 and 2015 (**Figure 2** of **Appendix J**). Among the three spring periods, no dolphin sighting was made in NEL in 2014 and 2015, while there were a few

sightings made there in 2012 (**Figure 2** of **Appendix J**). The near absence of dolphins in this quarter in NEL was probably more related to the seasonal occurrence that has been consistently recorded in the past.

3.5.18 On the other hand, dramatic changes in dolphin distribution in NWL waters have observed in the spring months during the three-year period. In 2013, dolphin regularly occurred throughout the NWL survey area, with higher concentration around Sha Chau and Lung Kwu Chau as well as near Black Point. In 2014, dolphin still occurred around Lung Kwu Chau at a high level, but less frequently in the middle portion of North Lantau region. In 2014, they rarely occurred in NWL survey area with scattered sightings without any particular concentration. The temporal trend indicated that dolphin usage in the NWL region has greatly diminished during the spring months of the past few years.

Encounter Rate

3.5.19 During the present three-month study period, the encounter rates of Chinese White Dolphins deduced from the survey effort and on-effort sighting data from the primary transect lines under favourable conditions (Beaufort 3 or below) for each set of the surveys in NEL and NWL are shown in **Table 3.4**. The average encounter rates deduced from the six sets of surveys were also compared with the ones deduced from the baseline monitoring period (September – November 2011) (See **Table 3.5**).

Table 3.4 Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) During Reporting Period (March to May 2015)

Survey Area	Dolphin Monitoring	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
Northeast Lantau	Set 1 (4 & 11 Mar 2015)	0.00	0.00
	Set 2 (17 & 26 Mar 2015)	0.00	0.00
	Set 3 (8 & 10 Apr 2015)	0.00	0.00
	Set 4 (17 & 22 Apr 2015)	0.00	0.00
	Set 5 (4 & 8 May 2015)	0.00	0.00
	Set 6 (14 & 18 May 2015)	0.00	0.00
Northwest Lantau	Set 1 (4 & 11 Mar 2015)	1.42	9.93
	Set 2 (17 & 26 Mar 2015)	0.00	0.00
	Set 3 (8 & 10 Apr 2015)	1.40	4.20
	Set 4 (17 & 22 Apr 2015)	0.00	0.00
	Set 5 (4 & 8 May 2015)	0.00	0.00
	Set 6 (14 & 18 May 2015)	0.00	0.00

Table 3.5 Comparison of average dolphin encounter rates from impact monitoring period (March to May 2015) and baseline monitoring period (September – November 2011)

Survey Area	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)	
	Reporting Period	Baseline Monitoring Period	Reporting Period	Baseline Monitoring Period
Northeast Lantau	0.00	6.00 ± 5.05	0.00	22.19 ± 26.81
Northwest Lantau	0.47 ± 0.73	9.85 ± 5.85	2.36 ± 4.07	44.66 ± 29.85

Notes:
1) The encounter rates deduced from the baseline monitoring period have been recalculated based only on the survey effort and on-effort sighting data made along the primary transect lines under favourable conditions.
2) ± denotes the standard deviation of the average encounter rates.

3.5.20 To facilitate the comparison with the AFCD long-term monitoring results, the encounter rates were also calculated for the present quarter using both primary and secondary survey effort. The encounter rates of sightings (STG) and dolphins (ANI) in NWL were 0.75 sightings and 3.91 dolphins per 100 km of survey effort respectively, while the encounter rates of sightings (STG) and dolphins (ANI) in NEL were both nil for this quarter.

3.5.21 In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact monitoring period were zero, and such low occurrence of dolphins in NEL have been consistently recorded in the past nine quarters (**Table 3.6**). It is a serious concern that dolphin occurrence in NEL in the nine quarters (0.0-1.0 for ER(STG) and 0.0-3.9 for ER(ANI)) have been exceptionally low when compared to the baseline period (**Table 3.6**). Dolphins have almost vacated from NEL waters since January 2014, with only one group of four dolphins sighted since then.

3.5.22 Moreover, the average dolphin encounter rates (STG and ANI) in NWL during the present impact phase monitoring period were also much lower (reductions of 95.2% and 94.7% respectively) than the ones recorded in the 3-month baseline period, indicating a dramatic decline in dolphin usage of this survey area during the present impact phase period (**Table 3.7**).

3.5.23 Even within the same spring quarters, the dolphin encounter rates in NWL during spring 2015 were small fractions of the ones recorded in spring (March –May) 2013 and (March – May) 2014 (**Table 3.7**).

Table 3.6 Comparison of Average Dolphin Encounter Rates in Northeast Lantau Survey Area from All Quarters of Impact Monitoring Period and Baseline Monitoring Period (Sep – Nov 2011)

Monitoring Period	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)
September-November 2011 (Baseline)	6.00 ± 5.05	22.19 ± 26.81
December 2012-February 2013 (Impact)	3.14 ± 3.21	6.33 ± 8.64
March-May 2013 (Impact)	0.42 ± 1.03	0.42 ± 1.03
June-August 2013 (Impact)	0.88 ± 1.36	3.91 ± 8.36
September-November 2013 (Impact)	1.01 ± 1.59	3.77 ± 6.49

Monitoring Period	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)
December 2013-February 2014 (Impact)	0.45 ± 1.10	1.34 ± 3.29
March-May 2014 (Impact)	0.00	0.00
June-August 2014 (Impact)	0.42 ± 1.04	1.69 ± 4.15
September-November 2014 (Impact)	0.00	0.00
December 2014-February 2015 (Impact)	0.00	0.00
March-May 2015 (Impact)	0.00	0.00

Notes:
1) The encounter rates deduced from the baseline monitoring period have been recalculated based only on survey effort and on-effort sighting data made along the primary transect lines under favourable conditions.
2) ± denotes the standard deviation of the average encounter rates.

Table 3.7 Comparison of Average Dolphin Encounter Rates in Northwest Lantau Survey Area from All Quarters of Impact Monitoring Period and Baseline Monitoring Period (Sep – Nov 2011)

Monitoring Period	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)
September-November 2011 (Baseline)	9.85 ± 5.85	44.66 ± 29.85
December 2012-February 2013 (Impact)	8.36 ± 5.03	35.90 ± 23.10
March-May 2013 (Impact)	7.75 ± 3.96	24.23 ± 18.05
June-August 2013 (Impact)	6.56 ± 3.68	27.00 ± 18.71
September-November 2013 (Impact)	8.04 ± 1.10	32.48 ± 26.51
December 2013-February 2014 (Impact)	8.21 ± 2.21	32.58 ± 11.21
March-May 2014 (Impact)	6.51 ± 3.34	19.14 ± 7.19
June-August 2014 (Impact)	4.74 ± 3.84	17.52 ± 15.12
September-November 2014 (Impact)	5.10 ± 4.40	20.52 ± 15.10
December 2014-February 2015 (Impact)	2.91 ± 2.69	11.27 ± 15.19
March-May 2015 (Impact)	0.47 ± 0.73	2.36 ± 4.07

Notes:
1) The encounter rates deduced from the baseline monitoring period have been recalculated based only on survey effort and on-effort sighting data made along the primary transect lines under favourable conditions.
2) ± denotes the standard deviation of the average encounter rates.

3.5.24 Notably, the first eight consecutive quarters have triggered the Action Levels under the Event and Action Plan, while the previous and present quarters have both triggered the Limit Levels. As discussed recently in Hung (2014), the dramatic decline in dolphin usage of NEL waters in 2012 and 2013 (including the declines in abundance, encounter rate and habitat use in NEL,

as well as shifts of individual core areas and ranges away from NEL waters) was possibly related to the HZMB construction works that were commenced in 2012. It appeared that such noticeable decline has already extended to NWL waters progressively in 2013 and 2014.

3.5.25 A two-way ANOVA with repeated measures and unequal sample size was conducted to examine whether there were any significant differences in the average encounter rates between the baseline and impact monitoring periods. The two variables that were examined included the two periods (baseline and impact phases) and two locations (NEL and NWL).

3.5.26 For the comparison between the baseline period and the present quarter (tenth quarter of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0015 and 0.0139 respectively. If the alpha value is set at 0.05, significant difference was detected between the baseline and present quarters in both dolphin encounter rates of STG and ANI.

3.5.27 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first ten quarters of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0004 and 0.0001 respectively. Even if the alpha value is set at 0.01, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.28 As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in NEL and NWL waters in the present quarterly period, and such low occurrence has been consistently documented in previous quarters. This raises serious concern, as the decline in dolphin usage in North Lantau waters could possibly link to the HZMB-related construction activities.

3.5.29 To ensure the continuous usage of North Lantau waters by the dolphins, every possible measure should be implemented by the contractors and relevant authorities to minimize all disturbances to the dolphins.

Group Size

3.5.30 Group size of Chinese White Dolphins ranged from one to eight individuals per group in North Lantau region during March to May 2015. The average dolphin group sizes from these three months were compared with the ones deduced from the baseline period in September to November 2011, as shown in **Table 3.8**.

Table 3.8 Comparison of Average Dolphin Group Sizes between Reporting Period (March to May 2015) and Baseline Monitoring Period (Sep– Nov 2011)

Survey Area	Average Dolphin Group Size	
	Reporting Period	Baseline Monitoring Period
Overall	3.57 ± 2.82 (n = 7)	3.72 ± 3.13 (n = 66)
Northeast Lantau	0.00	3.18 ± 2.16 (n = 17)
Northwest Lantau	3.57 ± 2.82 (n = 7)	3.92 ± 3.40 (n = 49)

Note:

1) ± denotes the standard deviation of the average group size.

3.5.31 The average dolphin group sizes in NWL waters during March to May 2015 were slightly smaller than the ones recorded during the three-month baseline period (**Table 3.8**). Five of the seven groups were composed of 1-3 individuals only, while none of the dolphin group had more than 10 individuals.

3.5.32 Distribution of dolphins with larger group sizes (five individuals or more per group) during the present quarter is shown in **Figure 3 of Appendix J**, with comparison to the one in baseline period. During the spring of 2015, distribution of the two larger dolphin groups were located

near Black Point and to the west of the airport (**Figure 3 of Appendix J**). This distribution pattern was drastically different from the baseline period, when the larger dolphin groups were distributed more evenly in NWL waters with a few more sighted in NEL waters (**Figure 3 of Appendix J**).

3.5.33 Notably, none of the larger dolphin groups were sighted near the HKLR03 reclamation site during the present monitoring period (**Figure 3 of Appendix J**).

Habitat Use

3.5.34 From March to May 2015, there was no particular habitat that was heavily utilized by Chinese White Dolphins in North Lantau waters, as only four grids recorded the presence of dolphins during on-effort search (**Figures 4a and 4b of Appendix J**). As in the previous quarters, none of the grids in NEL recorded the presence of dolphins in the present quarter. Moreover, all grids near HKLR03/HKBCF reclamation sites, HKLR09 or TMCLKL alignment did not record any presence of dolphins during on-effort search in the present quarterly period.

3.5.35 It should be emphasized that the amount of survey effort collected in each grid during the three-month period was fairly low (6-12 units of survey effort for most grids), and therefore the habitat use pattern derived from the three-month dataset should be treated with caution. A more complete picture of dolphin habitat use pattern will be presented when more survey effort for each grid will be collected throughout the impact phase monitoring programme.

3.5.36 When compared with the habitat use patterns during the baseline period, dolphin usage in NEL and NWL has dramatically diminished during the present impact monitoring period (**Figure 5 of Appendix J**). During the baseline period, nine grids between Siu Mo To and Shum Shui Kok recorded moderately high to high dolphin densities, which was in stark contrast to complete absence of dolphins during the present impact phase period (**Figure 5 of Appendix J**).

3.5.37 The density patterns between the baseline and impact phase monitoring periods were also very different in NWL, with higher dolphin usage around Sha Chau, near Black Point, to the west of the airport, as well as between Pillar Point and airport platform during the baseline period. However, these once-highly utilized habitats in the past only recorded rare presence of dolphins during the present impact phase period (**Figure 5 of Appendix J**).

Mother-calf Pairs

3.5.38 During the present quarterly period, no young calves (i.e. unspotted calves or unspotted juveniles) for the second consecutive quarter among the eleven quarters. This absence of young calves is also in stark contrast to their regular occurrence during the baseline period. Their absences should be of a serious concern, and the occurrence of calves should be closely monitored in the upcoming quarters.

Activities and Associations with Fishing Boats

3.5.39 Three dolphin sightings were associated with feeding activities, while only one sighting of dolphin was associated with socializing activity during the three-month study period. The percentage of sightings associated with feeding activities during the present quarter (42.9%) was much higher than the one recorded during the baseline period (11.6%). On the other hand, the percentage of socializing activities during the present impact phase monitoring period (14.3%) was slightly higher than the one recorded during the baseline period (5.4%). However, the higher percentages of both feeding and socializing activities were probably due to the overall small sample size of dolphin sightings. Notably, none of the seven dolphin groups were engaged in traveling or milling/resting behaviour.

3.5.40 Distribution of dolphins engaged in feeding and socializing activities during the present three-month period is shown in **Figure 6 of Appendix J**. The three sightings of feeding activities were located near Black Point, to the north of the airport platform and near HKLR09 alignment adjacent to Sham Wat Bay respectively (**Figure 6 of Appendix J**). The lone sighting associated with socializing activity was located near Black Point as well (**Figure 6 of Appendix J**). Distribution of dolphin sightings associated with these activities during the

impact phase was very different from the distribution pattern of these activities during the baseline period.

3.5.41 As in the past monitoring quarters, none of the seven dolphin groups was found to be associated with an operating fishing vessel in North Lantau waters during the present impact phase period. The extremely rare events of fishing boat association in the present and previous quarters were consistently found, and were likely related to the recent trawl ban being implemented in December 2012 in Hong Kong waters.

Photo-identification and Individual Range Use

3.5.42 From March to May 2015, over 800 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.5.43 In total, 16 individuals sighted 18 times altogether were identified (see summary table in **Annex III of Appendix J** and photographs of identified individuals in **Annex IV of Appendix J**). All of these 18 re-sightings were made in NWL.

3.5.44 The majority of identified individuals were sighted only once during the three-month period, with the exception of two individuals (NL136 and NL284) being sighted thrice.

3.5.45 Two of these 16 individuals (NL123 and NL285) were also sighted in West Lantau waters during the HKLR09 monitoring surveys for the same three-month period, but the locations of their re-sightings in NWL and WL were not too far apart even though they were separated by the HKLR09 bridge alignment.

3.5.46 Three recognized females (NL104, NL123 and NL202) were accompanied with calves during their re-sightings. All three mothers were frequently sighted with their calves throughout the HKLR03 impact phase monitoring period since October 2012.

Individual range use

3.5.47 Ranging patterns of the 16 individuals identified during the three-month study period were determined by fixed kernel method, and are shown in **Annex V** of **Appendix J**.

3.5.48 All identified dolphins sighted in this quarter were utilizing their range use in NWL, but have avoided the NEL waters where many of them have utilized as their core areas in the past (**Annex V** of **Appendix J**). This is in contrary to the extensive movements between NEL and NWL survey areas observed in the earlier impact monitoring quarters as well as during the baseline period.

3.5.49 Notably, a mother-calf pair (i.e. NL123 and NL285) sighted in NWL and NEL waters consistently in the past have extended their range use to WL waters in the present quarter. It should be further monitored to examine whether there has been any consistent shifts of home ranges of some individuals from North Lantau to West Lantau, which could also possibly be related to the HZMB-related construction works.

Action Level / Limit Level Exceedance

3.5.50 There was one Limit Level exceedance of dolphin monitoring for the quarterly monitoring data (March 2015 – May 2015). According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of March 2015 to May 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation. There is no evidence showing the current Limit Level non-compliance directly related to the construction works of HKLR03 (where the amounts of working vessels for HKLR03 have been decreasing), although the generally increased amount of vessel traffic in NEL since the impact phase (October 2012). It should also be noted that reclamation work under HKLR03 (adjoining the Airport Island) situates in waters which has rarely been used by dolphins in the past, and the working vessels under HKLR03 have been travelling from source to destination in accordance with the Marine Travel Route to minimize impacts on Chinese White Dolphin. In addition, the contractor will implement proactive mitigation measures such

as avoiding anchoring at Marine Department's designated anchorage site – Sham Shui Kok Anchorage (near Brothers Island) as far as practicable.

3.5.51 A two-way ANOVA with repeated measures and unequal sample size was conducted to examine whether there were any significant differences in the average encounter rates between the baseline and impact monitoring periods. The two variables that were examined included the two periods (baseline and impact phases) and two locations (NEL and NWL).

3.5.52 For the comparison between the baseline period and the present quarter (tenth quarter of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0015 and 0.0139 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in both dolphin encounter rates of STG and ANI.

3.5.53 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first ten quarters of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0004 and 0.0001 respectively. Even if the alpha value is set at 0.01, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.54 The AFCD monitoring data during March 2015 to May 2015 has been reviewed by the dolphin specialist. During the same quarter, no dolphin was sighted from 87.62 km of survey effort on primary lines in NEL, while only one group of three dolphins were sighted from 184.19 km of survey effort on primary lines in NWL. This review has confirmed that the extremely low occurrence of dolphins reported by the HKLR03 monitoring survey in spring 2015 in NEL and NWL survey areas is accurate.

3.5.55 There is no evidence showing that the sources of impact directly related to the construction works of HKLR03 that may have affected the dolphin usage in the NEL region.

3.5.56 All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. According to the Marine Travel Route Plan, if vessels are crossing along edge of the proposed marine park, the travelling speed will keep not exceeding 5 knots when crossing the edge of the proposed marine park. The Contractor will continue to provide training for skippers to ensure that their working vessels travel from source to destination to minimize impacts on Chinese White Dolphin and avoid anchoring at Marine Department's designated anchorage site - Sham Shui Kok Anchorage (near Brothers Island) as far as practicable. Also, it is recommended to complete the marine works of the Contract as soon as possible so as to reduce the overall duration of impacts and allow the dolphins population to recover as early as possible.

3.5.57 A meeting was held on 10 July 2015 with attendance of representative of Highways Department, ENPO, Resident Site Staff (RSS), Environmental Team (ET) and dolphin specialist for Contract Nos. HY/2010/02, HY/2011/03, HY/2012/07, HY/2012/08. Also, main Contractor for Contract Nos. HY/2011/03 and HY/2012/08 attended the meeting. The discussion/recommendation as recorded in the minutes of the meeting, which might be relevant to HKLR03 Contract are summarized below.

3.5.58 It was concluded that the HZMB works is one of the contributing factors affecting the dolphins. It was also concluded the contribution of impacts due to the HZMB works as a whole (or individual marine contracts) cannot be quantified nor separate from the other stress factors.

3.5.59 It was reminded that the ETs shall keep reviewing the implementation status of the dolphin related mitigation measures and remind the contractor to ensure the relevant measures were fully implemented.

3.5.60 It was recommended that the marine works of HZMB projects should be completed as soon as possible so as to reduce the overall duration of impacts and allow the dolphins population to recover as early as possible.

3.5.61 It was also recommended that the marine works footprint (e.g., reduce the size of peripheral silt curtain) and vessels for the marine works should be reduced as much as possible, and vessels idling / mooring in other part of the North Lantau shall be avoided whenever possible.

3.5.62 It was suggested that the protection measures (e.g., speed limit control) for the proposed Brothers Island Marine Park (BMP) shall be brought forward as soon as possible before its establishment so as to provide a better habitat for dolphin recovery. It was noted that under the Regular Marine Travel Route Plan, the contractors have committed to reduce the vessel speed in BMP.

3.5.63 There was a discussion on exploring possible further mitigation measures, for example, controlling the underwater noise. It was noted that the EIA reports for the projects suggested several mitigation measures, all of which have been implemented.

3.6 Mudflat Monitoring Results

Sedimentation Rate Monitoring

3.6.1 The baseline sedimentation rate monitoring was in September 2012 and impact sedimentation rate monitoring was undertaken on 20 March 2015. The mudflat surface levels at the four established monitoring stations and the corresponding XYZ HK1980 GRID coordinates are presented in **Table 3.9** and **Table 3.10.**

Table 3.9 Measured Mudflat Surface Level Results

	Baseline Monitoring (September 2012)			Impact Monitoring (March 2015)		
Monitoring Station	**Easting (m)**	**Northing (m)**	**Surface Level (mPD)**	**Easting (m)**	**Northing (m)**	**Surface Level (mPD)**
S1	810291.160	816678.727	0.950	810291.151	816678.718	1.0070
S2	810958.272	815831.531	0.864	810958.254	815831.542	0.958
S3	810716.585	815953.308	1.341	810716.604	815953.303	1.455
S4	811221.433	816151.381	0.931	811221.418	816151.412	1.097

Table 3.10 Comparison of Measurement

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

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

Water Quality Monitoring

3.6.3 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**.

3.6.4 Impact water quality monitoring in San Tau (monitoring station SR3) was conducted in March 2015. The monitoring parameters included dissolved oxygen (DO), turbidity and suspended solids (SS).

3.6.5 The Impact monitoring result for SR3 were extracted and summarised below:

Table 3.11 Impact Water Quality Monitoring Results (Depth Average)

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

Mudflat Ecology Monitoring

Sampling Zone

3.6.6 There are two survey areas specified under the updated EM&A Manual for the Contract, namely Tung Chung Bay and San Tau. Tung Chung Bay survey area is divided into three sampling zones (TC1, TC2 and TC3) and there is one sampling zone at San Tau (ST). Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in each sampling zone. The present survey was conducted in March 2015 (totally 5 sampling days between 7th and 22nd March 2015). The locations of sampling zones are shown in **Annex I of Appendix O**.

Horseshoe Crabs

3.6.7 Active search method was conducted for horseshoe crab monitoring by two experienced surveyors at every sampling zone. During the search period, any accessible and potential area would be investigated for any horseshoe crab individuals within 2-3 hours in low tide period (tidal level below 1.2 m above Chart Datum (C.D.)). Once a horseshoe crab individual was found, the species was identified referencing to Li (2008). The prosomal width, inhabiting substratum and respective GPS coordinate were recorded. A photographic record was taken for future investigation. Any grouping behavior of individuals, if found, was recorded. The horseshoe crab surveys were conducted on 7th (for TC1), 8th (for TC3), 20th (for ST) and 21st

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

Seagrass Beds

3.6.8 Active search method was conducted for seagrass bed monitoring by two experienced surveyors at every sampling zone. During the search period, any accessible and potential area would be investigated for any seagrass beds within 2-3 hours in low tide period. Once seagrass bed was found, the species, estimated area, estimated coverage percentage and respective GPS coordinate were recorded. A photographic record was taken for future investigation. The seagrass beds surveys were conducted on 7th (for TC1), 8th (for TC3), 20th (for ST) and 21st (for TC2) March 2015. The weather was sunny on 7-8th March while it was cloudy on 20th-21st March 2015.

Intertidal Soft Shore Communities

3.6.9 The intertidal soft shore community surveys were conducted in low tide period on 7th (for TC1), 8th (for TC3), 21st (for TC2) and 22nd March 2015 (for ST).At each sampling zone, three 100 m horizontal transects were laid at high tidal level (H: 2.0 m above C.D.), mid tidal level (M: 1.5 m above C.D.) and low tidal level (L: 1.0 m above C.D.). Along every horizontal transect, ten random quadrats (0.5 m x 0.5m) were placed.

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

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

3.6.12 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

3.6.13 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.

Mudflat Ecology Monitoring Results and Conclusion

Horseshoe Crabs

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

3.6.15 There was one important finding that a mating pair of *Carcinoscorpius rotundicauda* was found in ST (prosomal width: male 155.1 mm, female 138.2 mm) (**Figure 3.1 of Appendix O**). It

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

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

3.6.17 No marked individual of horseshoe crab was recorded in present survey. Some marked individuals were found in previous surveys conducted in September 2013, March 2014 and September 2014. All of them were released through a conservation programme conducted by Prof. Paul Shin (Department of Biology and Chemistry, The City University of Hong Kong (CityU)). It was a re-introduction trial of artificial bred horseshoe crab juvenile at selected sites. So that the horseshoe crabs population might be restored in the natural habitat. Through a personal conversation with Prof. Shin, about 100 individuals were released in the sampling zone ST on 20 June 2013. All of them were marked with color tape and internal chip detected by specific chip sensor. There should be second round of release between June and September 2014 since new marked individuals were found in the survey of September 2014.

3.6.18 The artificial bred individuals, if found, would be excluded from the results of present monitoring programme in order to reflect the changes of natural population. However, the mark on their prosoma might have been detached during moulting after a certain period of release. The artificially released individuals were no longer distinguishable from the natural population without the specific chip sensor. The survey data collected would possibly cover both natural population and artificially bred individuals.

Population difference among the sampling zones

3.6.19 **Figure 3.2 and 3.3 of Appendix O** show the changes of number of individuals, mean prosomal width and search record of horseshoe crabs *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* respectively in every sampling zone along the sampling months. In general, higher search records (i.e. number of individuals) of both species were always found in ST followed by TC3. In contrast, much lower search record was found in other sampling zones especiallyTC2 (2 ind. in September 2013, 1 ind. in March, June, September 2014 and March 2015).There was no spatial difference of horseshoe crab size (prosomal width) among the sampling zones.

3.6.20 It was obvious that ST was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). Relatively, TC3 was another nursery ground adjacent to ST showing moderate but fluctuating number of horseshoe crab. Relatively, other sampling zones were not a suitable nursery ground especially TC2. Possible factors were less area of suitable substratum (especially TC1) and higher human disturbance (TC1 and TC2: close to urban district and easily accessible). In TC2, large daily salinity fluctuation was a possible factor either since it was flushed by two rivers under tidal inundation. The individuals found in TC1 and TC2 were believed migrating from TC3 and ST during high tide while it might leave over a certain period of time. It accounted for the variable search records in the sampling

zones along the sampling months. For example, few individuals of *Tachypleus tridentatus* were found in TC1 only between September 2012 and September 2013. However it no longer appeared while few individuals of *Carcinoscorpius rotundicauda* were found after March 2014.

Seasonal variation of horseshoe crab population

3.6.21 Throughout the monitoring period conducted, the search record of horseshoe crab declined obviously during dry season especially December (**Figures 3.2 and 3.3 of Appendix O**). No individual of horseshoe crabwas found in the survey of December 2013. Next year, 2 individuals of *Carcinoscorpius rotundicauda* and 8 individuals of *Tachypleus tridentatus* were found only in December 2014. As mentioned, the horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15 ℃). Similar results of low search record in dry season were reported in a previous territory-wide survey of horseshoe crab. For example, the search records in Tung Chung Wan were 0.17 ind. hr^{-1} $person^{-1}$and 0 ind. hr^{-1} $person^{-1}$in wet season and dry season respectively (details see Li, 2008).After the dry season, the search record increased with the warmer climate.

3.6.22 Between the sampling months September 2012 and December 2013, *Carcinoscorpius rotundicauda* was a less common species relative to *Tachypleus tridentatus*. Only 4 individuals were ever recorded in ST in December 2012. This species had ever been believed of very low density in ST hence the encounter rate was very low. In March 2014, it was found in all sampling zones with higher abundance in ST. Based on its average size (mean prosomal width 39.28-49.81 mm), it indicated that breeding and spawning of this species had occurred 3-4 years ago along the coastline of Tung Chun Wan. However, these individuals were still small while their walking trails were inconspicuous. Hence there was no search record in previous sampling months. From March 2014 to March 2015, more individuals were recorded due to larger size and higher activity.

3.6.23 For *Tachypleus tridentatus,* sharp increase of number of individuals was recorded in ST with wet season (from March to September 2013). According to a personal conversation with Prof. Shin (CityU), his monitoring team had recorded similar increase of horseshoe crab population during wet season. It was believed that the suitable ambient temperature increased its conspicuousness. However similar pattern was not recorded during the wet season of 2014.The number of individuals increased in March and June 2014 followed by a rapid decline in September 2014. Apart from natural mortality, migration from nursery soft shore to subtidal habitat was another possible cause. Since the mean prosomal width of *Tachypleus tridentatus* continued to grow and reached about 50 mm in Sep 2014. Then it varied slightly between 50-60 mm from September 2014 to March 2015. Most of the individuals might have reached a suitable size strong enough to forage in sub-tidal habitat.

3.6.24 **Figure 3.4 of Appendix O** shows the changes of prosomal width of horseshoe crab *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* in ST where was regarded as an important nursery ground. As mentioned above, *Carcinoscorpius rotundicauda* was rarely found between September 2012 and December 2013 hence the data were lacking. From March to September 2014, the size of major population (50% records between upper and lower quartile) fluctuated between 30-40 mm and 45-60 mm. Such fluctuation should be due to variable encounter rate influenced by weather. For *Tachypleus tridentatus,* a consistent growing trend was observed for the major population from December 2012 to December 2014 regardless of change of search record. The prosomal width increased from 15-30 mm to 55-70 mm. As mentioned, the large individuals might have reached a suitable size for migrating from the nursery soft shore to subtidal habitat. In the present survey (March 2015), the size decreased slightly with prosomal width 40-55 mm. It further indicated some of order individuals might have migrated to sub-tidal habitat.

Impact of the HKLR project

3.6.25 The present survey was the tenth time of the EM&A programme during the construction period. Based on the results, impact of the HKLR project could not be detected on horseshoe crabs considering the factor of natural, seasonal variation. In case, abnormal phenomenon (e.g. very

few numbers of horseshoe crab individuals in warm weather, large number of dead individuals on the shore) is observed, it would be reported as soon as possible.

Seagrass Beds

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

Temporal variation of seagrass beds

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

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

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

Unfavourable conditions to seagrass *Halophila ovalis*

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

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

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

3.6.33 Based on the weather condition and water quality results in ST, the co-occurrence of cyclone hit and turbid waters in September 2014 might have combined the adverse effects on *Halophila ovalis* that leaded to disappearance of this short-lived and *r*-strategy seagrass species. Fortunately *Halophila ovalis* was a fast-growing species (Vermaat *et al*., 1995). Previous studies showed that the seagrass bed could be recovered to the original sizes in 2 months through vegetative propagation after experimental clearance (Supanwanid, 1996).

Moreover it was reported to recover rapidly in less than 20 days after dugong herbivory (Nakaoka and Aioi, 1999). As mentioned, the disappeared seagrass in ST in 1995 could recover gradually after the completion of reclamation works for international airport (Fong, 1998). The seagrass beds of *Halophila ovalis* might recolonize the mudflat of ST through seed reproduction as long as there was no unfavourable condition in the coming months. In March 2015 (present survey), two small patches of *Halophila ovalis* were newly found coinhabiting with another seagrass species. But its total patch area was still very low relative to the previous records. The recolonization rate was low while cold weather and insufficient sunlight were possible factors between December 2014 and March 2015. Moreover, it would need to complete with more abundant seagrass *Zostera japonica* for substratum and nutrient. Therefore it was too early to conclude if *Halophila ovalis* would recolonize to its original size. Or the dominance of seagrass bed would be replaced by *Zostera japonica*. Regular monitoring was necessary.

Impact of the HKLR project

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

Intertidal Soft Shore Communities

3.6.35 **Table 3.5 and Figure 3.8 of Appendix O** show the types of substratum along the horizontal transect at every tidal level of every sampling zone. The relative distribution of different substrata was estimated by categorizing the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect. The distribution of substratum types varied among tidal levels and sampling zones:

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

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

3.6.37 **Table 3.6 of Appendix O** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 15440 individuals were recorded. Mollusca was significantly the most abundant phylum (total individuals 15115, density 504 ind. m^{-2}, relative abundance 97.9%). The second abundant phylum was Arthropoda (154 ind., 5 ind. m^{-2}, 1.0%). The third and fourth abundant phyla were Annelida (75 ind., 3 ind. m^{-2}, 0.5%) and Sipuncula (47 ind., 2 ind. m^{-2}, 0.3%). Relatively other phyla were very low in abundances (density $\leq$1 ind. m^{-2}, relative abundance $\leq$0.2%). Moreover, the most diverse phylum was Mollusca (45 taxa)

followed by Arthropoda (13 taxa) and Annelida (8 taxa). There were 1-2 taxa recorded only for other phyla. The complete list of collected specimens is shown in **Annex III of Appendix O**.

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

Dominant species in every sampling zone

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

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

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

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

3.6.43 There was no consistent zonation pattern of species distribution observed across all sampling zones and tidal levels. The species distribution should be affected by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (total number of individuals: 4354 ind., relative abundance 28.2%), *Cerithidea djadjariensis* (3667 ind., 23.8%) and *Cerithidea cingulata* (1392 ind., 9.0%) were the most commonly occurring species on sandy and soft mud substrata. Rock oyster *Saccostrea cucullata* (2008 ind., 13.0%) and gastropod *Monodonta labio* (1376 ind., 8.9%) were commonly occurring species inhabiting gravel and boulders substratum.

Biodiversity and abundance of soft shore communities

3.6.44 **Table 3.9 of Appendix O** shows the mean values of number of species, density, biodiversity index *H'* and species evenness *J* of soft shore communities at every tidal level and in every sampling zone. Among the sampling zones, the number of species (11-15 spp. 0.25 m^{-2}) in ST was relatively higher than other sampling zones (6-12 spp. 0.25 m^{-2}). The mean *H'* (1.81) and *J* (0.73) in ST were relatively higher than that in TC1, TC2 and TC3 (*H'*: 1.15-1.35; *J*: 0.51-0.66). But the mean densities were similar and ranged 187-768 ind. m^{-2} among the sampling zones).

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

3.6.46 **Figures 3.9 to 3.12 of Appendix O** show the temporal changes of mean number of species, mean density, *H'* and *J* at every tidal level and in every sampling zone along the sampling months. No consistent temporal change of any biological parameters was observed. All the parameters were under slight and natural fluctuation with the seasonal variation. For the present survey (March 2015), increase of mean density was observed in TC1, TC2 and ST relative to previous survey in December 2014. It was believed the natural recovery after cold, dry season.

Impact of the HKLR project

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

3.7 Solid and Liquid Waste Management Status

3.7.1 The Contractor registered with EPD as a Chemical Waste Producer on 12 July 2012 for the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.

3.7.2 The summary of waste flow table is detailed in **Appendix K**.

3.7.3 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.

3.8 Environmental Licenses and Permits

3.8.1 The valid environmental licenses and permits during the reporting period are summarized in **Appendix L.**

4 Environmental Complaint and Non-compliance

4.1 Environmental Exceedances

4.1.1 The detailed air quality, noise, water quality and dolphin exceedances are provided in **Appendix M**. Also, the summaries of the environmental exceedances are presented as follows:

Air Quality

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

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

Noise

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

Water Quality

4.1.5 During the reporting period, four Action Level exceedances for suspended solid level were recorded. No exceedances of Limit Level for suspended solid level were recorded. No exceedances of Action and Limit Level for dissolved oxygen level and turbidity were recorded. There were no specific activities recorded during the monitoring period that would cause any significant impacts on monitoring results and no leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise. Therefore, all exceedances were considered as non-contract related. The detailed numbers of exceedances recorded during the reporting period at each impact station are summarised in **Table 4.1.**

Dolphin

4.1.6 There was one Limit Level exceedance of dolphin monitoring for the quarterly monitoring data (March 2015– May 2015). According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of March 2015 to May 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation.

4.1.7 There is no evidence showing the current Limit Level non-compliance directly related to the construction works of HKLR03 (where the amounts of working vessels for HKLR03 have been decreasing), although the generally increased amount of vessel traffic in NEL since the impact phase (October 2012). It should also be noted that reclamation work under HKLR03 (adjoining the Airport Island) situates in waters which has rarely been used by dolphins in the past, and the working vessels under HKLR03 have been travelling from source to destination in accordance with the Marine Travel Route to minimize impacts on Chinese White Dolphin. In addition, the contractor will implement proactive mitigation measures such as avoiding anchoring at Marine Department's designated anchorage site – Sham Shui Kok Anchorage (near Brothers Island) as far as practicable.

4.1.8 All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. According to the Marine Travel Route Plan, if vessels are crossing along edge of the proposed marine park, the travelling speed will keep not exceeding 5 knots when crossing the edge of the proposed marine park. The Contractor will continue to provide training for skippers to ensure that their working vessels travel from source to destination to minimize impacts on Chinese White Dolphin and avoid anchoring at Marine Department's designated anchorage site - Sham Shui Kok Anchorage (near Brothers Island) as far as practicable. Also, it is recommended to complete the marine works of the Contract as soon as possible so as to

reduce the overall duration of impacts and allow the dolphins population to recover as early as possible.

Table 4.1 Summary of Water Quality Exceedances

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total Number of Exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS5	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--	--	--	--	4 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	23 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR3	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR4	Action Level	--	--	--	--	--	--	--	9 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	23 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10B	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	0	4	4**	
	Limit	0	0	0	0	0	0	0	0	0**	

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

4.2 Summary of Environmental Complaint, Notification of Summons and Successful Prosecution

4.2.1 There were two environmental complaints received during the reporting period. The summary of environmental complaints is presented in **Table 4.2**. The details of cumulative statistics of Environmental Complaints are provided in **Appendix N**.

Table 4.2 A Summary of Environmental Complaints for the Reporting Period

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2015-066	8 April 2015	Air Quality
COM-2015-068	10 April 2015	Noise

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

4.2.3 Statistics on notifications of summons and successful prosecutions are summarized in **Appendix M**.

5 Comments, Recommendations and Conclusion

5.1 Comments

5.1.1 According to the environmental site inspections undertaken during the reporting period, the following recommendations were provided:

- The Contractor was reminded to provide impervious sheeting for the cement bags at S11 and N13.
- The Contractor was reminded to provide water sprinkling for the piling activity at S9.
- The Contractor was reminded to maintain waste water treatment plant and treat wastewater properly prior to discharge at S9 and N1.
- The Contractor was reminded to undertake the wheel washing activity inside the wheel washing facility at N1.
- The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A and N20.
- The Contractor was reminded to keep the silt curtains connected to each other and avoid gaps between silt curtains at Portion X.
- The Contractor was reminded to remove the stagnant water inside the recessed eyes of the hydraulic jacking set at S11.
- The Contractor was reminded to remove the stagnant water pool at S9, S11, N13 and N15.
- The Contractor was reminded to clean up the muddy water at S7 and clean up the sullage at S11.
- The Contractor was reminded to clean up the fill materials along the edge of Vessel Full Yue.
- The Contractor was reminded to replace the broken sand bags at S25 and provide sand bags along the edge of the road at N13.
- The Contractor was reminded to provide sand bags along the whole boundary at Airport Road and public sewers at S23 to avoid water seepage.
- The Contractor was reminded to remove fill material inside the gullies and place sand bags along the gullies to avoid dropping or washing away of fill materials into the drainage system.
- The Contractor was reminded to provide cover to the gully in order to avoid falling of silt or other object into the gully.
- The Contractor was reminded to provide drip trays for the chemical containers at Vessel Full Yue and at N1.
- The Contractor was reminded to remove excessive oil at a metal joint on Vessel Full Yue and clean up the oil leakage at N4.
- The Contractor was reminded to stack up of chemical containers should be avoided on Vessel Shun Tat 82.
- The Contractor was reminded to remove the empty oil containers at S11 and disposed of them as chemical wastes.
- The Contractor was reminded that a proper bund should be formed to avoid falling off of materials into the sea.
- The Contractor was reminded to remove the rubbish from the gutter at RS01 and rubbish on the seawall at S7.
- The Contractor was reminded to provide a container to store the rubbish at N20.

- The Contractor was reminded that concrete waste should be properly collected and contained for disposal or reuse as appropriate.

5.2 Recommendations

5.2.1 The impact monitoring programme for air quality, noise, water quality and dolphin ensured that any deterioration in environmental condition was readily detected and timely actions taken to rectify any non-compliance. Assessment and analysis of monitoring results collected demonstrated the environmental impacts of the contract. With implementation of the recommended environmental mitigation measures, the contract's environmental impacts were considered environmentally acceptable. The weekly environmental site inspections ensured that all the environmental mitigation measures recommended were effectively implemented.

5.2.2 The recommended environmental mitigation measures, as included in the EM&A programme, effectively minimize the potential environmental impacts from the contract. Also, the EM&A programme effectively monitored the environmental impacts from the construction activities and ensure the proper implementation of mitigation measures. No particular recommendation was advised for the improvement of the programme.

5.3 Conclusions

5.3.1 The construction phase and EM&A programme of the Contract commenced on 17 October 2012. This is the eleventh Quarterly EM&A Report which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 March 2015 to 31 May 2015.

Air Quality

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

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

Noise

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

Water Quality

During the reporting period, four Action Level exceedances for suspended solid level were recorded. No exceedance of Limit Level for suspended solid level was recorded. No exceedances of Action and Limit Level for dissolved oxygen level and turbidity were recorded.

Dolphin

5.3.5 There was one Limit Level exceedance of dolphin monitoring for the quarterly monitoring data (March – May 2015).

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

5.3.7 Although dolphins rarely occurred in the area of HKLR03 construction in the past and during the baseline monitoring period, it is apparent that dolphin usage has been significantly reduced in NEL in 2012-15, and many individuals have shifted away from the important habitat around the Brothers Islands.

5.3.8 It is critical to monitor the dolphin usage in North Lantau region in the upcoming quarters, to determine whether the dolphins are continuously affected by the various construction

activities in relation to the HZMB-related works, and whether suitable mitigation measure can be applied to revert the situation.

Mudflat -Sedimentation Rate

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

Mudflat - Ecology

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

Environmental Site Inspection and Audit

5.3.11 Environmental site inspection was carried out on 4, 11, 18 and 27 March 2015, 1, 8, 15, 22 and 30 April 2015 and 6, 13, 20 and 29 May 2015. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

5.3.12 There were two environmental complaints received during the reporting period.

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

FIGURES

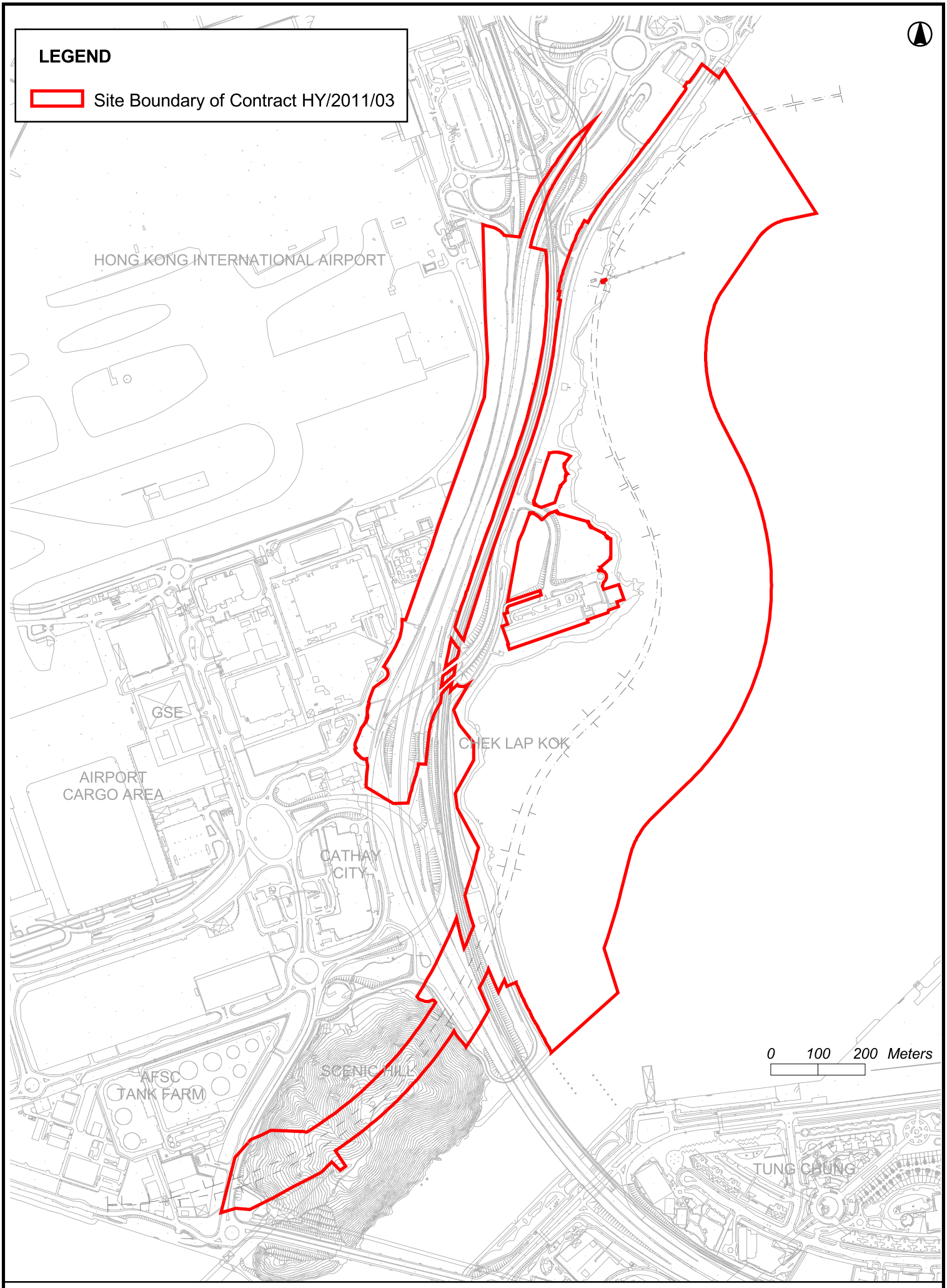


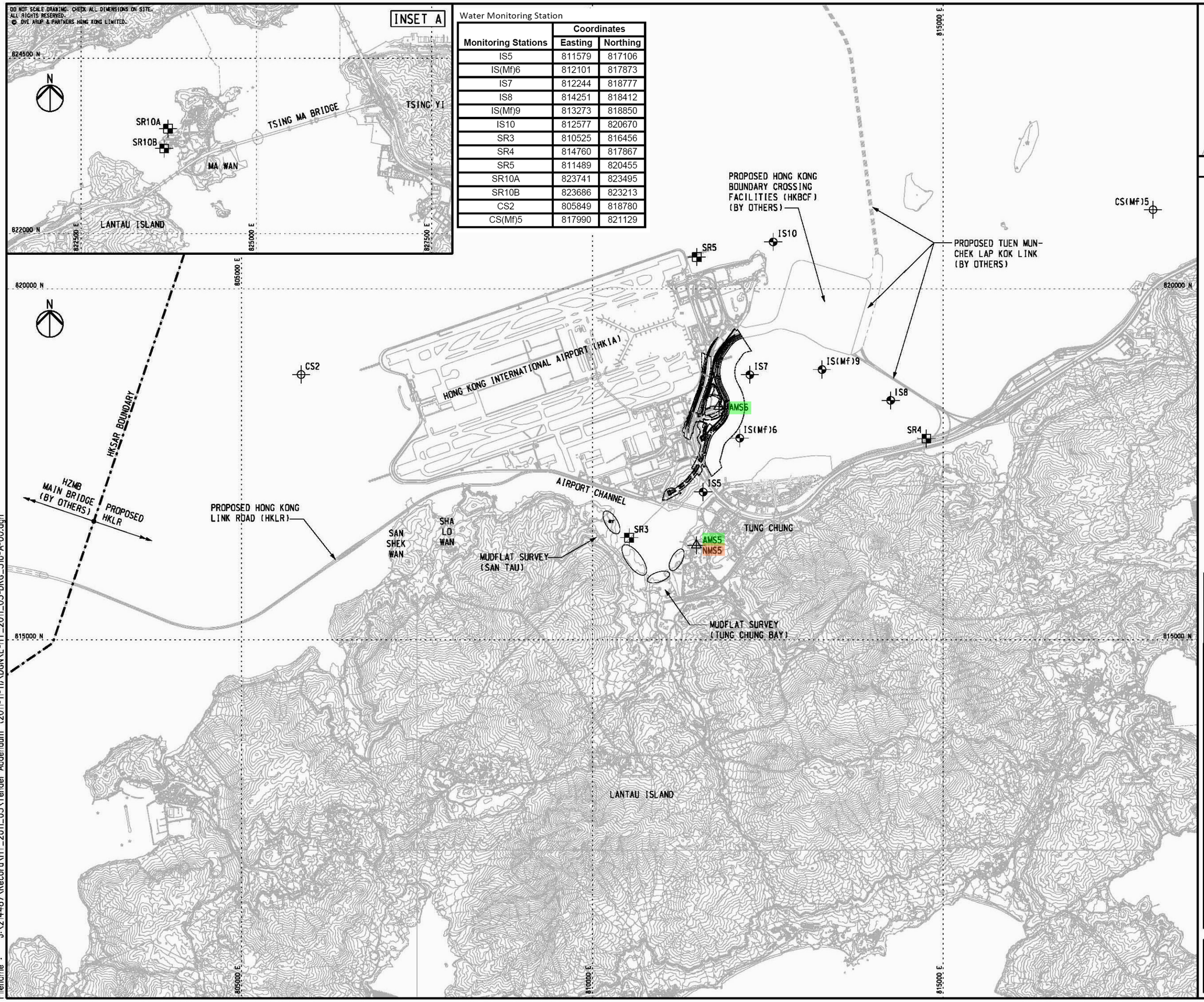
Figure 1.1 Location of the Site

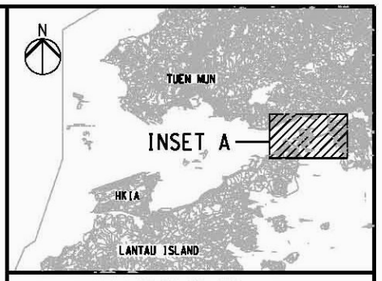
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INSET A

Water Monitoring Station

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





KEY PLAN

NOTES

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

LEGEND

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

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

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

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

Drawing title
ENVIRONMENTAL MONITORING STATIONS

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

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Printed by : 10/11/2011
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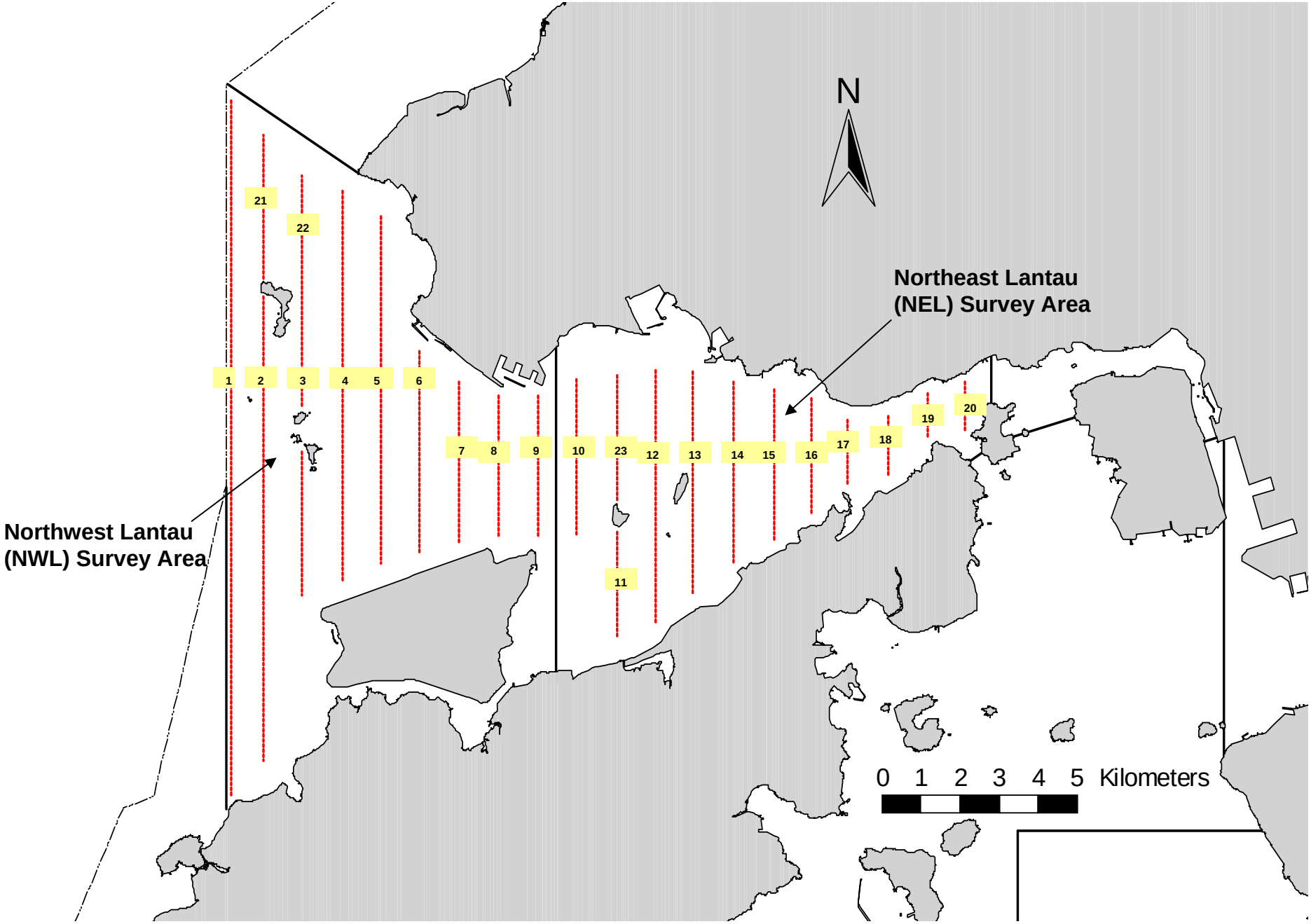


Figure 2.2 Transect Line Layout in Northwest and Northeast Lantau Survey Areas

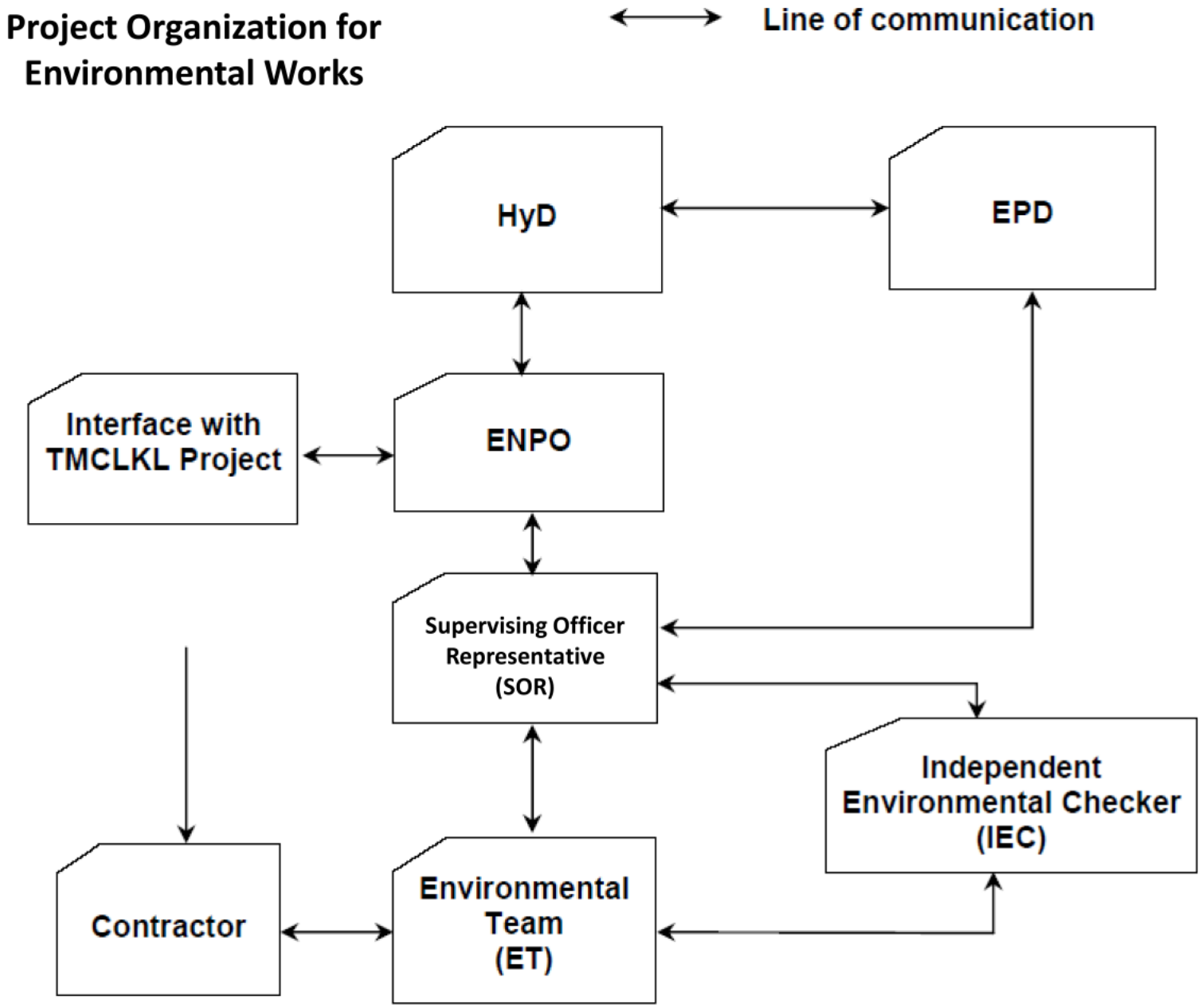
APPENDIX A

Environmental Management Structure

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	---

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M34 (Rev.00)

Sheet 1 of 7

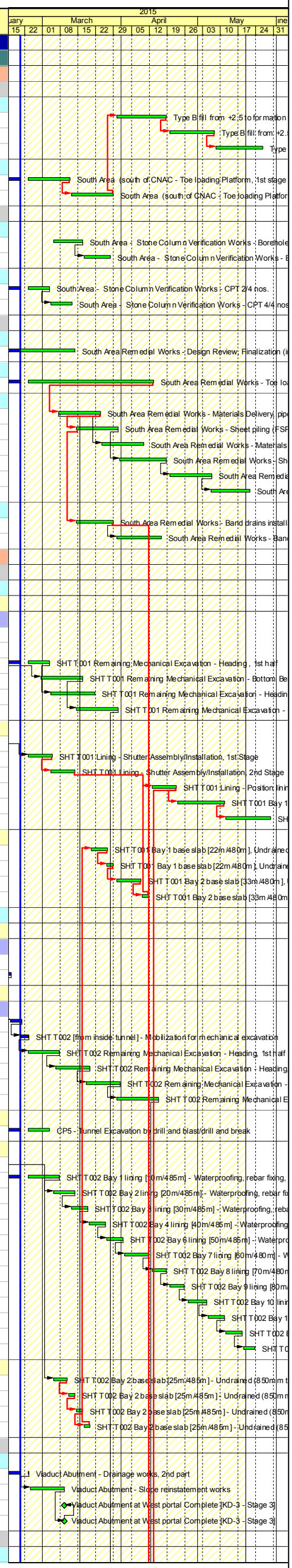
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

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



Works Programme

Works Programme

Works Programme

Milestone

Milestone

Works Programme

China State Construction Engineering (Hong Kong) Ltd

-

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

, Section between Scenic Hill and HKBCF

Prepared by MM

Date	Revision	Chec...	Approved
06-Mar-15		WC	SYT

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

FILE: 3M34 (Rev.00)

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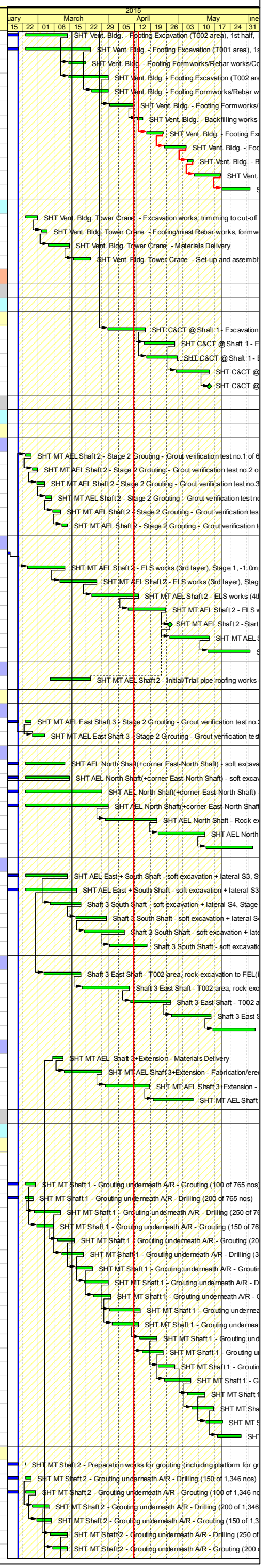
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
SHT8020	SHT Vent. Bldg. - Footing Excavation (T002 area), 1st half, between Grids E-G/1-4	18d	17d	14-Jan-15 A	13-Mar-15	60%			Ahead Programme
SHT8230	SHT Vent. Bldg. - Footing Excavation (T001 area), 1st half, between Grids A-D/1-4	15d	25d	05-Feb-15 A	23-Mar-15	10%	23-Mar-15	11-Apr-15	Ahead Programme
SHT8090	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T002 area), 1st half	7d	7d	14-Mar-15	21-Mar-15	0%			
SHT8021	SHT Vent. Bldg. - Footing Excavation (T002 area), 2nd half, between Grids E-G/4-6	15d	15d	14-Mar-15	31-Mar-15	0%			
SHT8093	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 1st half	7d	7d	24-Mar-15	31-Mar-15	0%			
SHT8091	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T002 area), 2nd half	7d	7d	01-Apr-15	11-Apr-15	0%			
SHT8210	SHT Vent. Bldg. - Backfilling works (T002 area)	3d	3d	13-Apr-15	15-Apr-15	0%			
SHT8240	SHT Vent. Bldg. - Footing Excavation (T001 area), 2nd half, between Grids A-D/4-6	7d	7d	17-Apr-15	24-Apr-15	0%			
SHT8053	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 2nd half	7d	7d	25-Apr-15	04-May-15	0%			
SHT8083	SHT Vent. Bldg. - Backfilling works (T001 area)	3d	3d	05-May-15	07-May-15	0%			
SHT8030	SHT Vent. Bldg. - Ground floor slab preparation/levelling/concrete (+13.750)	10d	10d	08-May-15	19-May-15	0%			
SHT8063	SHT Vent. Bldg. - RC works - GF wall /columns to UG slab, 1st half	10d	10d	20-May-15	01-Jun-15	0%			
Tower Crane Construction									
SHT8801	SHT Vent. Bldg. Tower Crane - Excavation works, trimming to cut-off level, blinding layer	6d	6d	23-Feb-15*	28-Feb-15	0%			
SHT8802	SHT Vent. Bldg. Tower Crane - Footing/mast Rebar works, formworks, concreting	3d	3d	02-Mar-15	04-Mar-15	0%			
SHT8803	SHT Vent. Bldg. Tower Crane - Materials Delivery	9d	9d	05-Mar-15	14-Mar-15	0%			
SHT8804	SHT Vent. Bldg. Tower Crane - Set-up and assembly works	7d	7d	16-Mar-15	23-Mar-15	0%			
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)									
CCT [East Access Shaft] (Shaft 1)									
Civil & Structurals Works									
ELS Works									
SHT1089-19	SHT C&CT @ Shaft 1 - Excavation to FEL,-14.3 mPD (T001 area, 1st half), after breakthrough	12d	12d	31-Mar-15	16-Apr-15	0%			
SHT1089-20	SHT C&CT @ Shaft 1 - Excavation to FEL,-16.2 mPD (T002 area, 1st half), after breakthrough	12d	12d	16-Apr-15	29-Apr-15	0%			
SHT1089-29	SHT C&CT @ Shaft 1 - Excavation to FEL,-14.3 mPD (T001 area, 2nd half), after breakthrough	12d	12d	17-Apr-15	30-Apr-15	0%			
SHT1089-30	SHT C&CT @ Shaft 1 - Excavation to FEL,-16.2 mPD (T002 area, 2nd half), after breakthrough	12d	12d	30-Apr-15	14-May-15	0%			
SHT1089-39	SHT C&CT @ Shaft 1 - Handover area to SHT Mined tunnel Excavation under Airport Rd.	0d	0d		14-May-15	0%	14-May-14	14-May-14	
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175									
Civil & Structurals Works									
SHT MT - ELS Works for AEL West Shaft (Shaft 2)									
Grout Verification Test -Stage 2 Grouting									
SHT1836-18	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.1 of 6 nos.	3d	3d	23-Feb-15	25-Feb-15	0%			
SHT1836-19	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.2 of 6 nos.	3d	3d	26-Feb-15	28-Feb-15	0%			
SHT1836-20	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.3 of 6 nos.	3d	3d	28-Feb-15	03-Mar-15	0%			
SHT1836-21	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.4 of 6 nos.	3d	3d	04-Mar-15	06-Mar-15	0%			
SHT1836-22	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.5 of 6 nos.	3d	3d	07-Mar-15	10-Mar-15	0%			
SHT1836-23	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.6 of 6 nos	3d	3d	11-Mar-15	13-Mar-15	0%			
ELS/Pipe Roofing for Box Jacking works under AEL									
SHT1823-12	SHT MT AEL Shaft 2 - ELS works (2nd layer), Stage 2, +4.0mpd	15d	0d	12-Jan-15 A	16-Feb-15 A	100%			Behind Programme
SHT1844-3	SHT MT AEL Shaft 2 - ELS works (3rd layer), Stage 1, -1.0mpd	15d	15d	24-Feb-15	12-Mar-15	0%			Behind Programme
SHT1823-13	SHT MT AEL Shaft 2 - ELS works (3rd layer), Stage 2, -1.0mPD	15d	15d	10-Mar-15	26-Mar-15	0%			Behind Programme
SHT1844-4	SHT MT AEL Shaft 2 - ELS works (4th layer), Stage 1, -5.5mPD	15d	15d	24-Mar-15	13-Apr-15	0%			Behind Programme
SHT1823-14	SHT MT AEL Shaft 2 - ELS works (4th layer), Stage 2, -5.5mPD	15d	15d	09-Apr-15	25-Apr-15	0%			Behind Programme
SHT1823-24	SHT MT AEL Shaft 2 -Start T002 canopy pipe roofing for Box jacking(after -5.75mPD)	0d	0d	27-Apr-15		0%			
SHT1823-34	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 5/20 nos	15d	15d	27-Apr-15	14-May-15	0%			
SHT1823-44	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 10/20 nos	15d	15d	14-May-15	01-Jun-15	0%			
East Shaft - Trial Pipe Roofing Works									
SHT1770-23	SHT MT AEL Shaft 2 - Initial/Trial pipe roofing works (from Shaft 2)	15d	15d	06-Mar-15*	23-Mar-15	0%			
SHT MT - ELS WORKS for AEL East Shaft (Shaft 3+Shaft 3A[North Shaft & South Shaft])									
Grout Verification Test - Stage 2 Grouting									
SHT1846-20	SHT MT AEL East Shaft 3 - Stage 2 Grouting - Grout verification test no.2 of 3 nos	12d	3d	17-Jan-15 A	25-Feb-15	85%			
SHT1846-21	SHT MT AEL East Shaft 3 - Stage 2 Grouting - Grout verification test no.3 of 3 nos	5d	5d	26-Feb-15	03-Mar-15	0%			
North Shaft (including part of East Shaft)									
A11470-2	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S2,(+trim existing pipe pile wall),	17d	16d	06-Dec-14 A	12-Mar-15	90%			Behind Programme
A11470-1	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S2,(+trim existing pipe pile wall),	18d	18d	16-Dec-14 A	14-Mar-15	60%			Behind Programme
A11480-1	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim existing pipe pile wall),	18d	30d	05-Feb-15 A	28-Mar-15	50%			Behind Programme
A11480-2	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim existing pipe pile wall),	18d	32d	07-Feb-15 A	31-Mar-15	50%			Behind Programme
A11490-1	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 1	17d	17d	30-Mar-15	21-Apr-15	0%			Behind Programme
A11490-2	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 2	17d	17d	22-Apr-15	12-May-15	0%			Behind Programme
A11490-12	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 3	17d	17d	13-May-15	02-Jun-15	0%			Behind Programme
South Shaft (including part of East Shaft)									
A12060-1	SHT AEL East + South Shaft - soft excavation + lateral S3, Stage 1	17d	17d	20-Dec-14 A	13-Mar-15	60%			Behind Programme
A12060-2	SHT AEL East + South Shaft - soft excavation + lateral S3, Stage 2	17d	20d	24-Dec-14 A	17-Mar-15	50%			Behind Programme
A12070-1	Shaft 3 South Shaft - soft excavation + lateral S4, Stage 1; East Shaft-Tie Back/Soil Row A&B	12d	12d	06-Mar-15	19-Mar-15	0%			Behind Programme
A12070-2	Shaft 3 South Shaft - soft excavation + lateral S4, Stage 2; East Shaft-Tie Back/Soil Row A&B	12d	12d	17-Mar-15	30-Mar-15	0%			Behind Programme
A12070-3	Shaft 3 South Shaft - soft excavation + lateral S5, Stage 1; East Shaft-Tie Back/Soil Row C&D	12d	12d	21-Mar-15	07-Apr-15	0%			Behind Programme
A12070-4	Shaft 3 South Shaft - soft excavation + lateral S5, Stage 2; East Shaft-Tie Back/Soil Row C&D	12d	12d	01-Apr-15	17-Apr-15	0%	17-Apr-15	11-Apr-15	Behind Programme
East Shaft - ELS for Box jacking Works under AEL(24H working hours)									
SHT1765-1	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -5.75 mPD	15d	15d	03-Mar-15	19-Mar-15	0%			
SHT1765-2	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -8.0 mPD	15d	15d	20-Mar-15	09-Apr-15	0%			
SHT1765-3	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -10.0 mPD	15d	15d	10-Apr-15	27-Apr-15	0%			
SHT1765-4	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -12.0 mPD	15d	15d	28-Apr-15	15-May-15	0%			
SHT1765-5	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -14.0 mPD	15d	15d	16-May-15	03-Jun-15	0%			
Noise Barrier Fabrication (Shaft 3 + Extension)									
SHT1769	SHT MT AEL Shaft 3+Extension - Materials Delivery	4d	4d	07-Mar-15*	11-Mar-15	0%			
SHT1779	SHT MT AEL Shaft 3+Extension - Fabrication/erection of Noise Barriers/Enclosure, 1st half	15d	15d	12-Mar-15	28-Mar-15	0%			
SHT1789	SHT MT AEL Shaft 3+Extension - Fabrication/erection of Noise Barriers/Enclosure, 2nd half	15d	15d	30-Mar-15	18-Apr-15	0%			
SHT1799	SHT MT AEL Shaft 3+Extension - Noise Measurement & CNP Application and Approval	15d	15d	20-Apr-15	07-May-15	0%			
Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2									
Grouting Underneath Airport Road (between Shaft 1 & 2)									
Shaft 1(SHT MT East Access Shaft)									
SHT2120-1	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (50 of 765 nos)	7d	0d	21-Jan-15 A	10-Feb-15 A	100%			
SHT2100-6	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (150 of 765 nos)	10d	0d	09-Feb-15 A	14-Feb-15 A	100%			
SHT2120-2	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (100 of 765 nos)	7d	5d	10-Feb-15 A	27-Feb-15	8%			
SHT2100-7	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (200 of 765 nos)	10d	4d	14-Feb-15 A	26-Feb-15	6%			
SHT2100-8	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (250 of 765 nos)	10d	10d	27-Feb-15	10-Mar-15	0%			
SHT2120-3	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (150 of 765 nos)	7d	7d	28-Feb-15	07-Mar-15	0%			
SHT2120-4	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (200 of 765 nos)	7d	7d	09-Mar-15	16-Mar-15	0%			
SHT2100-9	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (300 of 765 nos)	9d	9d	11-Mar-15	20-Mar-15	0%			
SHT2120-5	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (250 of 765 nos)	7d	7d	17-Mar-15	24-Mar-15	0%			
SHT2100-10	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (350 of 765 nos)	9d	9d	21-Mar-15	31-Mar-15	0%			
SHT2120-6	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (300 of 765 nos)	7d	7d	25-Mar-15	01-Apr-15	0%			
SHT2100-11	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (450 of 765 nos)	9d	9d	01-Apr-15	14-Apr-15	0%			
SHT2120-7	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (350 of 765 nos)	7d	7d	02-Apr-15	13-Apr-15	0%			
SHT2120-8	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (400 of 765 nos)	7d	7d	14-Apr-15	21-Apr-15	0%			
SHT2100-12	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (500 of 765 nos)	9d	9d	15-Apr-15	24-Apr-15	0%			
SHT2120-9	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (450 of 765 nos)	7d	7d	22-Apr-15	29-Apr-15	0%			
SHT2100-13	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (550 of 765 nos)	9d	9d	25-Apr-15	06-May-15	0%			
SHT2120-10	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (500 of 765 nos)	7d	7d	05-May-15	12-May-15	0%			
SHT2100-14	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (600 of 765 nos)	9d	9d	07-May-15	16-May-15	0%			
SHT2120-11	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (550 of 765 nos)	7d	7d	13-May-15	20-May-15	0%			
SHT2100-15	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (650 of 765 nos)	9d	9d	18-May-15	28-May-15	0%	30-Jun-15	30-Jun-15	
Shaft 2(AEL West Access Shaft)									
SHT2200-3	SHT MT Shaft 2 - Preparation works for grouting (including platform for grouting, utilities diversion & pipe pi	30d	0d	20-Oct-14 A	23-Feb-15	100%			
SHT2200-6	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (150 of 1,346 nos)	10d	3d	07-Feb-15 A	25-Feb-15	76%			
SHT2220-2	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (100 of 1,346 nos)	6d	5d	08-Feb-15 A	27-Feb-15	58%			
SHT2200-7	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (200 of 1,346 nos)	7d	7d	26-Feb-15	05-Mar-15	0%			
SHT2220-3	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (150 of 1,346 nos)	6d	6d	28-Feb-15	06-Mar-15	0%			
SHT2200-8	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (250 of 1,346 nos)	7d	7d	06-Mar-15	13-Mar-15	0%			
SHT2220-4	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (200 of 1,346 nos)	6d	6d	07-Mar-15	13-Mar-15	0%			



FILE: 3M34 (Rev.00)

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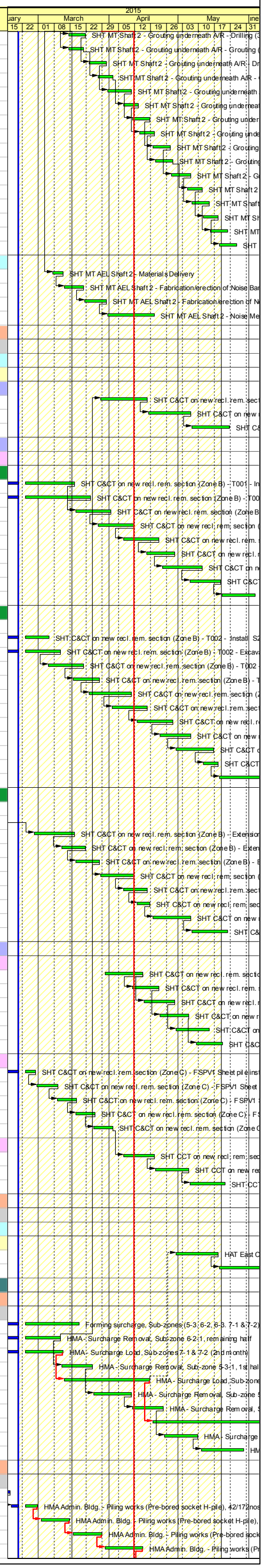
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

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



FILE: 3M34 (Rev.00)

Sheet 4 of 7

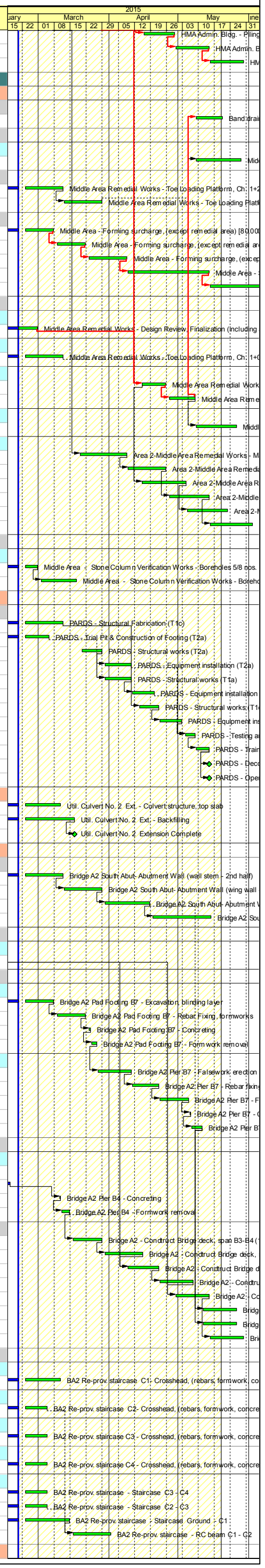
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
HMA1100-6	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 130/172nos.	12d	12d	16-Apr-15	29-Apr-15	0%			Behind Programme
HMA1100-7	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 152/172nos.	12d	12d	30-Apr-15	14-May-15	0%			Behind Programme
HMA1100-8	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 172/172nos.	12d	12d	15-May-15	29-May-15	0%	29-May-15	29-May-15	Behind Programme
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)									
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)									
Stage 2 - Remaining Band Drains									
RSC1045-20	Band drain installation [845 nos]	10d	10d	09-May-15	20-May-15	0%			Behind Programme
Seawall Construction (Middle Area) CH 0+960 to CH 1+400 - 440m									
SWCH 1+000 to SWCH 1+100 - 80m									
SW1060	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	09-May-15	28-May-15	0%			Behind Programme
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-150	Middle Area Remedial Works - Toe Loading Platform, Ch. 1+280 to 1+400	15d	15d	05-Dec-14 A	11-Mar-15	60%			
SWTL-140	Middle Area Remedial Works - Toe Loading Platform, Ch. 0+960 to 1+050	15d	15d	12-Mar-15	28-Mar-15	0%			
Surcharge									
RSC1069-31	Middle Area - Forming surcharge, (except remedial area) [80,000 of 121,913m3]	12d	12d	09-Dec-14 A	07-Mar-15	42%			On-programme
RSC1069-41	Middle Area - Forming surcharge, (except remedial area) [100,000 of 121,913m3]	12d	12d	09-Mar-15	21-Mar-15	0%			Behind Programme
RSC1069-51	Middle Area - Forming surcharge, (except remedial area) [121,913 of 121,913m3]	12d	12d	23-Mar-15	08-Apr-15	0%	08-Apr-15	09-May-15	Behind Programme
RSC1069-61	Middle Area - Surcharge load, 1st month	30d	30d	09-Apr-15	14-May-15	0%			Behind Programme
RSC1069-71	Middle Area - Surcharge load, 2nd month	30d	30d	15-May-15	19-Jun-15	0%			Behind Programme
Area 2: Investigation and Remedial Works - SWCH 1+050 to SWCH 1+280 (230m)									
Design Review									
A1190	Middle Area Remedial Works - Design Review, Finalization (including approval)	14d	9d	12-Jan-15 A	28-Feb-15	60%			
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-160	Middle Area Remedial Works - Toe Loading Platform, Ch. 1+050 to 1+280	15d	15d	03-Dec-14 A	11-Mar-15	40%			
Band Drains									
A1210	Middle Area Remedial Works - Band drains installation, 1st half	10d	10d	15-Apr-15	25-Apr-15	0%			
A1220	Middle Area Remedial Works - Band drains installation, 2nd half	10d	10d	27-Apr-15	08-May-15	0%			
Temporary Seawall (230m)									
A1270	Middle Area Remedial Works - Temporary seawall re-installation	14d	14d	09-May-15	26-May-15	0%			
Pipe Piles/Sheet Piles									
A1320	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 1)	15d	15d	19-Mar-15	08-Apr-15	0%			
A1330	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 2)	15d	15d	09-Apr-15	25-Apr-15	0%			
A1360	Area 2-Middle Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part1)	16d	16d	15-Apr-15	04-May-15	0%			
A1340	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 3)	15d	15d	27-Apr-15	14-May-15	0%			
A1370	Area 2-Middle Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part2)	16d	16d	05-May-15	22-May-15	0%	11-Jun-15	28-Jun-15	
A1350	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 4)	15d	15d	15-May-15	02-Jun-15	0%			
Boreholes & CPT - Stone Column Verification									
Boreholes									
RSC2000-06	Middle Area - Stone Column Verification Works - Boreholes 5/8 nos.	10d	6d	03-Feb-15 A	28-Feb-15	40%			
RSC2000-07	Middle Area - Stone Column Verification Works - Boreholes 8/8 nos.	14d	14d	02-Mar-15	17-Mar-15	0%			
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works									
PARDS - Construction T1a, T1c, T2a									
PARDS102-2	PARDS - Structural Fabrication (T1c)	15d	15d	08-Dec-14 A	11-Mar-15	80%			Behind Programme
PARDS100-3	PARDS - Trial Pit & Construction of Footing (T2a)	7d	10d	05-Jan-15 A	05-Mar-15	50%			Behind Programme
PARDS101-2	PARDS - Structural works (T2a)	8d	8d	20-Mar-15	28-Mar-15	0%			Behind Programme
PARDS110-2	PARDS - Equipment installation (T2a)	8d	8d	30-Mar-15	10-Apr-15	0%			Behind Programme
PARDS101-3	PARDS - Structural works (T1a)	8d	8d	30-Mar-15	10-Apr-15	0%			Behind Programme
PARDS110-3	PARDS - Equipment installation (T1a)	8d	8d	11-Apr-15	20-Apr-15	0%			Behind Programme
PARDS101-1	PARDS - Structural works (T1c)	8d	8d	14-Apr-15	22-Apr-15	0%			Behind Programme
PARDS110-1	PARDS - Equipment installation (T1c)	8d	8d	23-Apr-15	02-May-15	0%			Behind Programme
PARDS120	PARDS - Testing and Commissioning	5d	5d	04-May-15	08-May-15	0%	8-May-15	22-Apr-15	Behind Programme
PARDS121	PARDS - Training to AA and Hand over	5d	5d	09-May-15	14-May-15	0%			Behind Programme
PARDS140	PARDS - Decommission existing PARDS	0d	0d		14-May-15	0%			Behind Programme
PARDS130	PARDS - Operational (T1a, T1c, T2a)	0d	0d		14-May-15	0%			Behind Programme
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]									
UC2.1070	Util. Culvert No. 2 Ext. - Culvert structure, top slab	15d	14d	18-Nov-14 A	10-Mar-15	99%			Behind Programme
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	5d	19d	19-Nov-14 A	16-Mar-15	75%			Behind Programme
UC2.1050	Util. Culvert No. 2 Extension Complete	0d	0d		16-Mar-15	0%	30-Jan-15	28-Feb-15	Behind Programme
Works in Bridge A2									
BA2 - South Abutment									
BA2.1672	Bridge A2 South Abut- Abutment Wall (wall stem - 2nd half)	15d	15d	08-Jan-15 A	11-Mar-15	50%			Behind programme
BA2.1674	Bridge A2 South Abut- Abutment Wall (wing wall - 1st half)	15d	15d	12-Mar-15	28-Mar-15	0%			Behind programme
BA2.1676	Bridge A2 South Abut- Abutment Wall (wing wall - 2nd half)	15d	15d	30-Mar-15	18-Apr-15	0%			Behind programme
BA2.1680	Bridge A2 South Abut - Backfilling	22d	22d	20-Apr-15	15-May-15	0%	15-May-15	13-Jul-15	Behind programme
BA2 - Foundation and Pier B5									
Pier B5									
BA2.1910	Bridge A2 Pier B5 - Formwork Removal	4d	0d	10-Feb-15 A	10-Feb-15 A	100%			Behind programme
BA2 - Foundation and Pier B7									
Foundation B7									
BA2.1610	Bridge A2 Pad Footing B7 - Excavation, blinding layer	12d	12d	09-Jan-15 A	07-Mar-15	50%			Behind programme
BA2.2060	Bridge A2 Pad Footing B7 - Rebar Fixing, formworks	12d	12d	09-Mar-15	21-Mar-15	0%			Behind programme
BA2.2070	Bridge A2 Pad Footing B7 - Concreting	1d	1d	23-Mar-15	23-Mar-15	0%			Behind programme
BA2.2080	Bridge A2 Pad Footing B7 - Formwork removal	3d	3d	24-Mar-15	26-Mar-15	0%			Behind programme
Pier B7									
BA2.1700	Bridge A2 Pier B7 - Falsework erection	10d	10d	27-Mar-15	10-Apr-15	0%			Behind programme
BA2.2090	Bridge A2 Pier B7 - Rebar fixing	10d	10d	11-Apr-15	22-Apr-15	0%			Behind programme
BA2.2100	Bridge A2 Pier B7 - Formwork erection	10d	10d	23-Apr-15	05-May-15	0%			Behind programme
BA2.2110	Bridge A2 Pier B7 - Concreting	1d	1d	06-May-15	06-May-15	0%	6-May-15	9-May-15	Behind programme
BA2.2120	Bridge A2 Pier B7 - Formwork removal	4d	4d	07-May-15	11-May-15	0%			Behind programme
BA2 - Foundation and Pier B4									
Pier B4									
BA2.2160	Bridge A2 Pier B4 - Rebar fixing	14d	0d	30-Jan-15 A	10-Feb-15 A	100%			Behind programme
BA2.2170	Bridge A2 Pier B4 - Formwork erection	14d	0d	11-Feb-15 A	16-Feb-15 A	100%			Behind programme
BA2.1780	Bridge A2 Pier B4 - Concreting	1d	1d	10-Mar-15	10-Mar-15	0%			Behind programme
BA2.1790	Bridge A2 Pier B4 - Formwork removal	4d	4d	11-Mar-15	14-Mar-15	0%			Behind programme
Decking									
BA2.1830-1	Bridge A2 - Condtruct Bridge deck, span B3-B4 (1st part)	12d	12d	16-Mar-15	28-Mar-15	0%			Ahead Programme
BA2.1830-2	Bridge A2 - Condtruct Bridge deck, span B3-B4 (2nd part)	12d	12d	30-Mar-15	15-Apr-15	0%			Ahead Programme
BA2.1830-3	Bridge A2 - Condtruct Bridge deck, span B4-B5 (1st part)	12d	12d	09-Apr-15	22-Apr-15	0%			Ahead Programme
BA2.1830-4	Bridge A2 - Condtruct Bridge deck, span B4-B5 (2nd part)	12d	12d	23-Apr-15	07-May-15	0%			Ahead Programme
BA2.1830-5	Bridge A2 - Condtruct Bridge deck, span B5-B6 (1st part)	12d	12d	30-Apr-15	14-May-15	0%			Ahead Programme
BA2.1830-9	Bridge A2 - Condtruct Bridge deck, span B7-South Abut. (1st part)	12d	12d	12-May-15	26-May-15	0%			Ahead Programme
BA2.1830-7	Bridge A2 - Condtruct Bridge deck, span B6-B7 (1st part)	12d	12d	12-May-15	26-May-15	0%			Ahead Programme
BA2.1830-6	Bridge A2 - Condtruct Bridge deck, span B5-B6 (2nd part)	12d	12d	15-May-15	29-May-15	0%	29-May-15	8-Jun-15	Ahead Programme
BA2 - Re-Provisioned Staircase									
Diameter Pier and Crosshead C1									
BA2.2244	BA2 Re-prov. staircase C1- Crosshead, (rebars, formwork, concrete)	12d	14d	17-Dec-14 A	10-Mar-15	30%			On programme
Diameter Pier and Crosshead C2									
BA2.2344	BA2 Re-prov. staircase C2- Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Diameter Pier and Crosshead C3									
BA2.2354	BA2 Re-prov. staircase C3 - Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Diameter Pier and Crosshead C4									
BA2.2364	BA2 Re-prov. staircase C4 - Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Staircase									
BA2.2370	BA2 Re-prov. staircase - Staircase C3 - C4	15d	9d	22-Dec-14 A	04-Mar-15	85%			On programme
BA2.2380	BA2 Re-prov. staircase - Staircase C2 - C3	15d	9d	22-Dec-14 A	04-Mar-15	85%			On programme
BA2.2390	BA2 Re-prov. staircase - Staircase Ground - C1	15d	18d	23-Dec-14 A	14-Mar-15	25%			On programme
BA2.2400	BA2 Re-prov. staircase - RC beam C1 - C2	15d	15d	16-Mar-15	01-Apr-15	0%	01-Apr-15	15-Apr-15	On programme
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage									



FILE: 3M34 (Rev.00)

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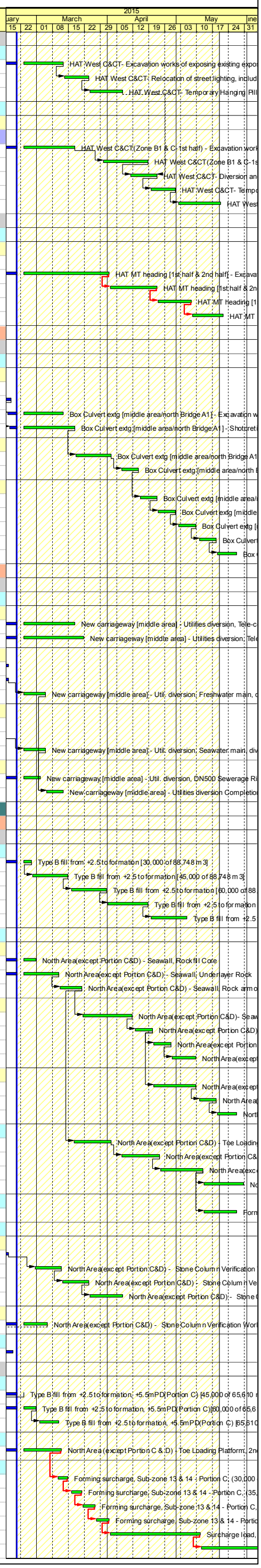
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
	CCT for HAT across Airport Road [200m Approx.]								
	Relocation of Street Lighting for HAT West CCT								
HAT1614	HAT West C&CT- Excavation works of exposing existing exposing cable	16d	16d	10-Jan-15 A	12-Mar-15	70%			
HAT1615	HAT West C&CT- Relocation of street lighting, including testing and commissioning	9d	9d	13-Mar-15	23-Mar-15	0%			
HAT1616	HAT West C&CT- Temporary Hanging Pillar box "R3"	10d	10d	24-Mar-15	07-Apr-15	0%			
	Civil & Structural Works								
	ELS - HAT West CCT, Ch. 0+230 to Ch. 0+530								
	ELS								
HAT1611-1	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 1st Layer	16d	20d	09-Dec-14 A	17-Mar-15	75%			Behind Programme
HAT1611-2	HAT West C&CT(Zone B1 & C-1st half) - Installation of lateral supports, 1st Layer	15d	15d	30-Mar-15	18-Apr-15	0%			
HAT1612	HAT West C&CT- Diversion and removal of dia. 300 and dia. 500 sewer	10d	10d	11-Apr-15	22-Apr-15	0%			
HAT1622	HAT West C&CT- Temporary relocation of irrigation main	10d	10d	20-Apr-15	30-Apr-15	0%			
HAT1611-3	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 2nd Layer	16d	16d	02-May-15	20-May-15	0%			
	Mined Tunnel for HAT underneath AEL & at East Coast Road [198m-Drill & Break)(Ch 0+557 to Ch 0+756]								
	HAT Mined Tunnel Works								
	Drive from Shaft 4: HAT Tunnel Excavation - Heading (1st half & 2nd half)								
HAT2006	HAT MT heading [1st half & 2nd half] - Mobilization/ setting up (2nd part)	12d	0d	31-Jan-15 A	13-Feb-15 A	100%			Behind Programme
HAT2015-1	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), 1st 3m(@5d/m cycle)	15d	33d	14-Feb-15 A	01-Apr-15	2%			Behind Programme
HAT2015-2	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 2m(@5d/m cycle)	15d	15d	02-Apr-15	22-Apr-15	0%			
HAT2015-3	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 3m(@4d/m cycle)	12d	12d	23-Apr-15	07-May-15	0%			
HAT2015-4	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 3m(@4d/m cycle)	12d	12d	08-May-15	21-May-15	0%			
	Box Culvert Extension to Outfall PR9 & PR14								
	Box Culvert Ext. to New Outfall PR9 (75m Approx.)								
	Temporary Drainage Diversion and Relocation of Spill Trap(Bay 1)								
	Stage 1								
BC1200-2	Box Culvert extg [middle area/north Bridge A1] - Excavation works for temporary diversion, 136m/203m	14d	0d	08-Jan-15 A	14-Feb-15 A	100%			Ahead Programme
BC1200-4	Box Culvert extg [middle area/north Bridge A1] - Shotcreting works, 1st half	14d	0d	12-Jan-15 A	17-Feb-15 A	100%			Ahead Programme
BC1200-3	Box Culvert extg [middle area/north Bridge A1] - Excavation works for temporary diversion, 203m/203m	14d	16d	16-Feb-15 A	12-Mar-15	70%			Ahead Programme
BC1200-14	Box Culvert extg [middle area/north Bridge A1] - Shotcreting works, remaining half	14d	20d	17-Feb-15 A	17-Mar-15	0%			Ahead Programme
	Stage 2								
BC1200-5	Box Culvert extg [middle area/north Bridge A1] - Demolish/saw cutting of Spill Trap	14d	14d	18-Mar-15	02-Apr-15	0%			Ahead Programme
BC1200-6	Box Culvert extg [middle area/north Bridge A1] - Construction and installation of Isolation panel	7d	7d	07-Apr-15	14-Apr-15	0%			Ahead Programme
	Stage 3								
BC1200-07	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab formwork	7d	7d	15-Apr-15	22-Apr-15	0%			Ahead Programme
BC1200-08	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab rebar fixing	7d	7d	23-Apr-15	30-Apr-15	0%			Ahead Programme
BC1200-09	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab concrete filling	7d	7d	02-May-15	09-May-15	0%			Ahead Programme
BC1200-19	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), internal walls & beams fo	7d	7d	11-May-15	18-May-15	0%			Ahead Programme
BC1200-29	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), internal walls & beams re	7d	7d	19-May-15	27-May-15	0%			Ahead Programme
	New Carriageway & Modification of Existing Roads								
	New Carriageway adjacent to HKIA [615m Approx.]								
	Utilities Diversion								
	Tele/COM Cable								
NCW1041-3	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Excavation (500m of 5	9d	20d	14-Mar-14 A	17-Mar-15	96%			Behind Programme
NCW1041-4	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Duct Laying (500m of	10d	24d	19-Mar-14 A	21-Mar-15	96%			Behind Programme
	Freshwater main								
NCW1047-4	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation [500m of 500m]	10d	0d	08-Jul-14 A	16-Feb-15 A	100%			Behind Programme
NCW1048-9	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying [500m/500m]	12d	0d	11-Jul-14 A	16-Feb-15 A	100%			Behind Programme
NCW1048-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/connection to existing water ma	9d	9d	23-Feb-15	04-Mar-15	0%			
	Seawater main								
NCW1086-44	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [450m/450m]	12d	0d	06-Aug-14 A	14-Feb-15 A	100%			Behind Programme
NCW1086-61	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [450m/450m]	11d	0d	15-Aug-14 A	14-Feb-15 A	100%			Behind Programme
NCW1086-01	New carriageway [middle area] - Util. diversion, Seawater main, diversion/connection to existing water mair	9d	9d	23-Feb-15	04-Mar-15	0%			
	Sewerage Rising Main								
NCW1087-4	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Main, Excavation [390m/390m]	10d	7d	02-May-14 A	02-Mar-15	87%			Behind Programme
NCW1088	New carriageway [middle area] - Utilities diversion Completion	7d	7d	05-Mar-15	12-Mar-15	0%	12-Mar-15	24-Mar-15	
	WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)								
	Reclamation & Seawall Const. [723m Approx.]								
	Remaining Portion From SWCH1400 to 1830 (AHR 15 to 20mPD)[Except Zone D)								
	General Fill to Formation +5.5mPD								
RSC1108-2	Type B fill from +2.5 to formation [30,000 of 88,748 m3]	14d	4d	27-Dec-14 A	26-Feb-15	96%			Behind Programme
RSC1108-3	Type B fill from +2.5 to formation [45,000 of 88,748 m3]	14d	14d	27-Feb-15	14-Mar-15	0%			Behind Programme
RSC1108-4	Type B fill from +2.5 to formation [60,000 of 88,748 m3]	14d	14d	16-Mar-15	31-Mar-15	0%			Behind Programme
RSC1108-14	Type B fill from +2.5 to formation [75,000 of 88,748 m3]	13d	13d	01-Apr-15	18-Apr-15	0%			Behind Programme
RSC1108-5	Type B fill from +2.5 to formation [88,748 of 88,748 m3]	13d	13d	20-Apr-15	05-May-15	0%	05-May-15	05 Jun-15	Behind Programme
	Seawall Construction (Except Portion C & D) CH 1+400 to CH 1+850)								
	SWCH 1+500 to SWCH 1+600								
RSC1165	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	6d	16-Jan-15 A	28-Feb-15	90%			Behind Programme
RSC1166	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	14d	28-Jan-15 A	10-Mar-15	30%			Behind Programme
RSC1167	North Area(except Portion C&D) - Seawall, Rock armour (1st layer)	9d	9d	11-Mar-15	20-Mar-15	0%			Behind Programme
	SWCH 1+600 to SWCH 1+700								
RSC1160	North Area(except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	21-Mar-15	11-Apr-15	0%			Behind Programme
RSC1161	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	7d	13-Apr-15	20-Apr-15	0%			Behind Programme
RSC1162	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	7d	21-Apr-15	28-Apr-15	0%			Behind Programme
RSC1163	North Area(except Portion C&D) - Seawall, Rock armour (1st layer)	9d	9d	29-Apr-15	09-May-15	0%			Behind Programme
	SWCH 1+400 to SWCH 1+500								
RSC1171	North Area(except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	21-Apr-15	09-May-15	0%			Behind Programme
RSC1181	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	7d	11-May-15	18-May-15	0%			Behind Programme
RSC1191	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	7d	19-May-15	27-May-15	0%			Behind Programme
	Toe Loading Platform (for Seawall & Reclamation)								
SWTL-180	North Area(except Portion C&D) - Toe Loading Platform, 1st Stage (Ch. 1+450 to 1+650)	15d	15d	17-Mar-15	02-Apr-15	0%			
SWTL-210	North Area(except Portion C&D) - Toe Loading Platform, 2nd Stage (Ch. 1+450 to 1+650)	15d	15d	07-Apr-15	23-Apr-15	0%			
SWTL-120	North Area(except Portion C&D)s - Toe Loading Platform, 1st Stage (Ch. 1+650 to 1+850)	15d	15d	24-Apr-15	12-May-15	0%			
SWTL-220	North Area(except Portion C&D)s - Toe Loading Platform, 2nd Stage (Ch. 1+650 to 1+850)	15d	15d	13-May-15	30-May-15	0%			
	Surcharge								
RSC1070-1	Forming surcharge, Sub-zones 10A, 11-1, 11-2 [20,000 of 98,298m3]	12d	12d	13-May-15	27-May-15	0%			Behind Programmme
	Boreholes & CPT- Stone Column Verification								
	Boreholes								
RSC2000-11	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 5/13 nos.	10d	0d	13-Jan-15 A	16-Feb-15 A	100%			
RSC2000-12	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 6/13 nos.	10d	10d	28-Feb-15	11-Mar-15	0%			
RSC2000-13	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 9/13 nos.	10d	10d	12-Mar-15	23-Mar-15	0%			
RSC2000-14	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 13/13 nos.	10d	10d	24-Mar-15	07-Apr-15	0%			
	CPT								
RSC2000-15	North Area(except Portion C&D) - Stone Column Verification Works - CPT 3/3 nos.	10d	10d	10-Jan-15 A	05-Mar-15	30%			
	Boreholes - Band Drain Verification								
RSC2010-03	North Area(except Portion C&D) - Band Drain Verification Works - Boreholes 7/7 nos.	5d	0d	29-Jan-15 A	18-Feb-15 A	100%			
	"Zone D" - Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)								
	General Fill to Formation +5.5mPD								
RSC1145-3	Type B fill from +2.5 to formation, +5.5mPD(Portion C) [45,000 of 65,610 m3]	12d	0d	24-Sep-14 A	23-Feb-15	100%			Behind Programme
RSC1145-4	Type B fill from +2.5 to formation, +5.5mPD(Portion C)[60,000 of 65,610 m3]	11d	6d	25-Oct-14 A	28-Feb-15	91%			Behind Programme
RSC1145-5	Type B fill from +2.5 to formation, +5.5mPD(Portion C) [65,610 of 65,610 m3]	8d	8d	02-Mar-15	10-Mar-15	0%	10-Mar-15	10-Mar-15	Behind Programmme
	Toe Loading Platform (for Seawall & Reclamation)								
SWTL-230	North Area (except Portion C & D) - Toe Loading Platform, 2nd stage (Ch. 1+850 to 2+020)	15d	15d	08-Jan-15 A	11-Mar-15	90%			
	Surcharge								
RSC1146-6	Forming surcharge, Sub-zone 13 & 14 - Portion C, (30,000 of 53,800m3)	5d	5d	10-Mar-15	14-Mar-15	0%			Behind Programmme
RSC1146-7	Forming surcharge, Sub-zone 13 & 14 - Portion C, (35,000 of 53,800m3)	5d	5d	16-Mar-15	20-Mar-15	0%			Behind Programmme
RSC1146-8	Forming surcharge, Sub-zone 13 & 14 - Portion C, (45,000 of 53,800m3)	5d	5d	21-Mar-15	26-Mar-15	0%			Behind Programmme
RSC1146-9	Forming surcharge, Sub-zone 13 & 14 - Portion C, (53,800 of 53,800m3)	5d	5d	27-Mar-15	01-Apr-15	0%	01-Apr-15	01-Apr-15	Behind Programmme
RSC1144	Surcharge load, Sub-zone 13 & 14 (1st/4 months)	30d	30d	02-Apr-15	11-May-15	0%			Behind Programmme
RSC1148	Surcharge load, Sub-zone 13 & 14 (2nd/4 months)	30d	30d	12-May-15	16-Jun-15	0%			Behind Programmme



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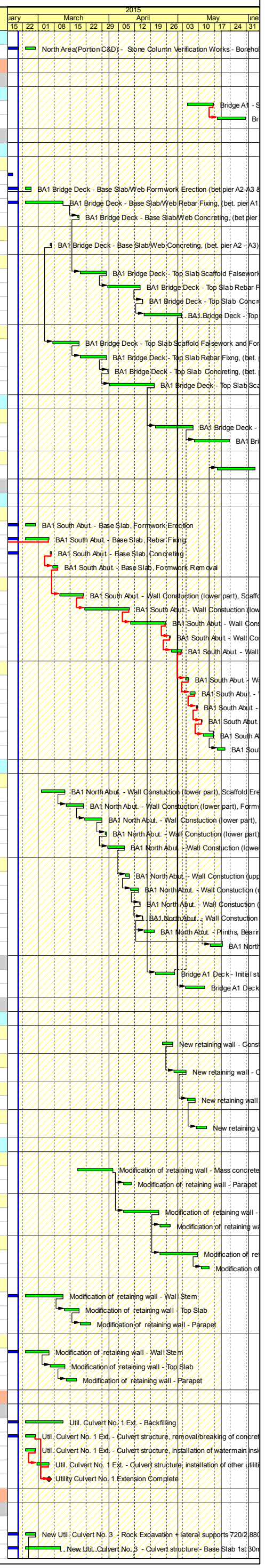
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

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



FILE: 3M34 (Rev.00)

Sheet 7 of 7

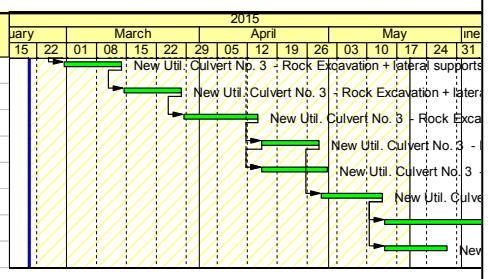
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

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

TASK filters: 3m34, HZMB No Level Effort.

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



APPENDIX C

Location of Works Areas

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N

805000 E
810000 E
815000 E
820000 N
815000 N

NORTH RUNWAY
HONG KONG INTERNATIONAL AIRPORT (HKIA)
SOUTH RUNWAY
SCENIC HILL
AIRPORT CHANNEL
SHA LO WAN
TUNG CHUNG
SAN SHEK WAN
NGONG PING 360 CABLE-CAR
NGONG PING 360 (NP360) CABLE-CAR ANGLE STATION
HKSAR BOUNDARY
HZMB MAIN BRIDGE (BY OTHERS)
PROPOSED HKLR
PROPOSED HONG KONG LINK ROAD (HKLR)
CONTRACT NO. HY/2011/03 HONG KONG-ZHUHAI-MACAO BRIDGE HONG KONG LINK ROAD - SECTION BETWEEN HKSAR BOUNDARY AND SCENIC HILL (BY OTHERS)
CONTRACT NO. HY/2011/02 HONG KONG-ZHUHAI-MACAO BRIDGE HONG KONG LINK ROAD - SECTION BETWEEN SCENIC HILL AND HKSAR BOUNDARY (BY OTHERS)
PROPOSED TUEN MUN-CHEK LAP KOK LINK (BY OTHERS)
PROPOSED HONG KONG BOUNDARY CROSSING FACILITIES (HKBCF) (BY OTHERS)
HKBCF RECLAMATION AND SUPERSTRUCTURE (BY OTHERS)
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
N13A
N20
N13
N1
N4
S25
S19
S16
S15
S11
S8
S7
S23
WA3
WA4
WORKS AREA WA3
WORKS AREA WA4
Sewage Treatment Works
Siu Ho
Fence
Siu Ho Wan Government Maintenance Department
TAI TAU WAN
TSING CHAU WAN
TAT TSING CHAU
NG KWU LENG
TUNG CHUNG LINE
AIRPORT EXPRESS
NORTH LANTAU HIGHWAY
TSING CHAU TSAI
SHUEN WAN
FA PENG KENG
TAI YAM TENG

NOTES

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LEGEND

SITE BOUNDARY

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A	TENDER ISSUE	IL	02/12

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

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

Drawing title
GENERAL LAYOUT
KEY PLAN

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

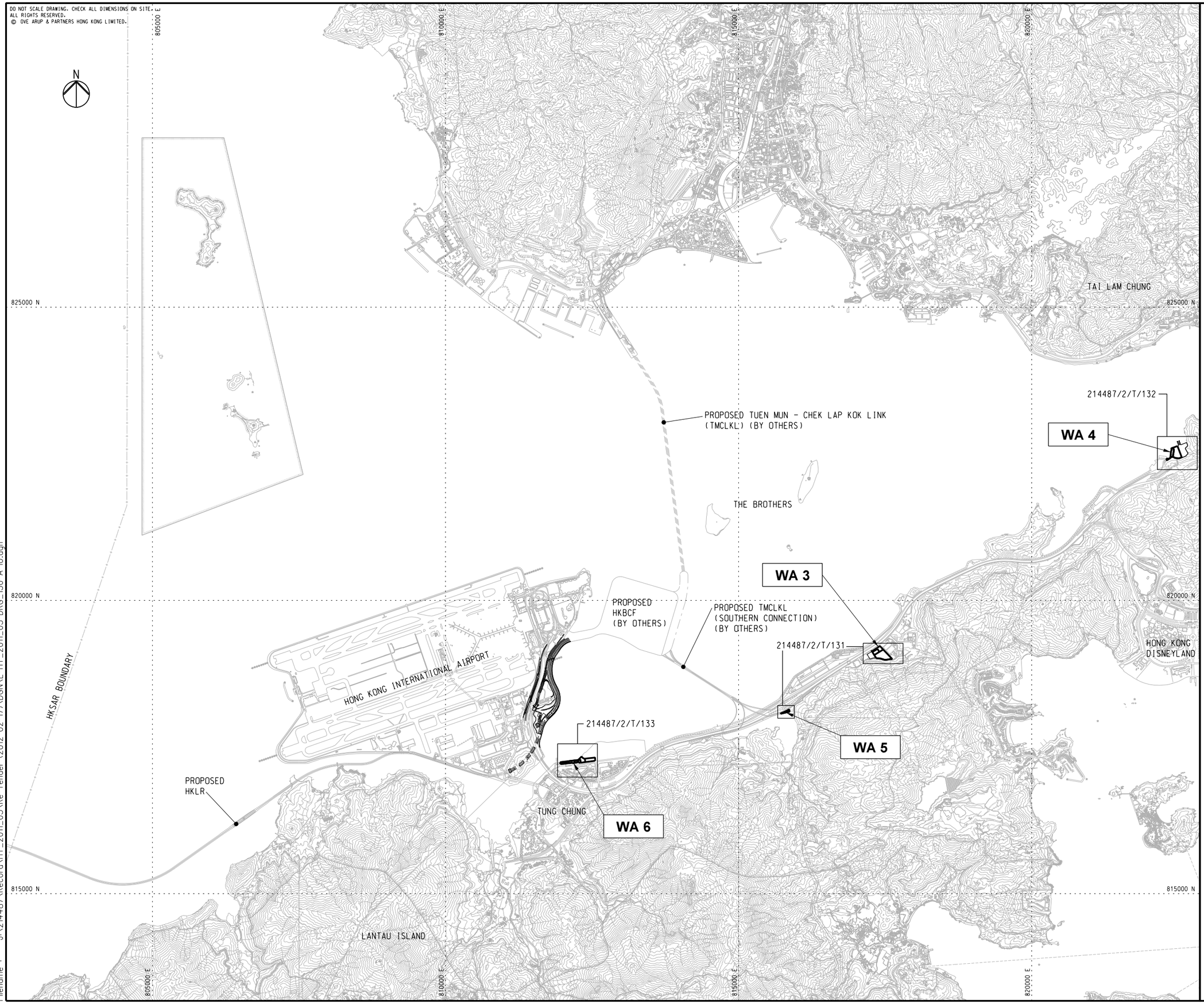
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Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

WORKS AREAS
KEY PLAN

Drawing no.		Rev.
214487/2/T/130		A
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N

WORKS AREA
WA5

NORTH LANTAU HIGHWAY

CHEUNG TUNG ROAD

北大嶼山公路

HWM

Rocky Area

Pipeline

Fence

Platform

Pier

碼頭

Rocky Shore

岩地

Pak Mong

白芒

TAI HO WAN

大蠔灣

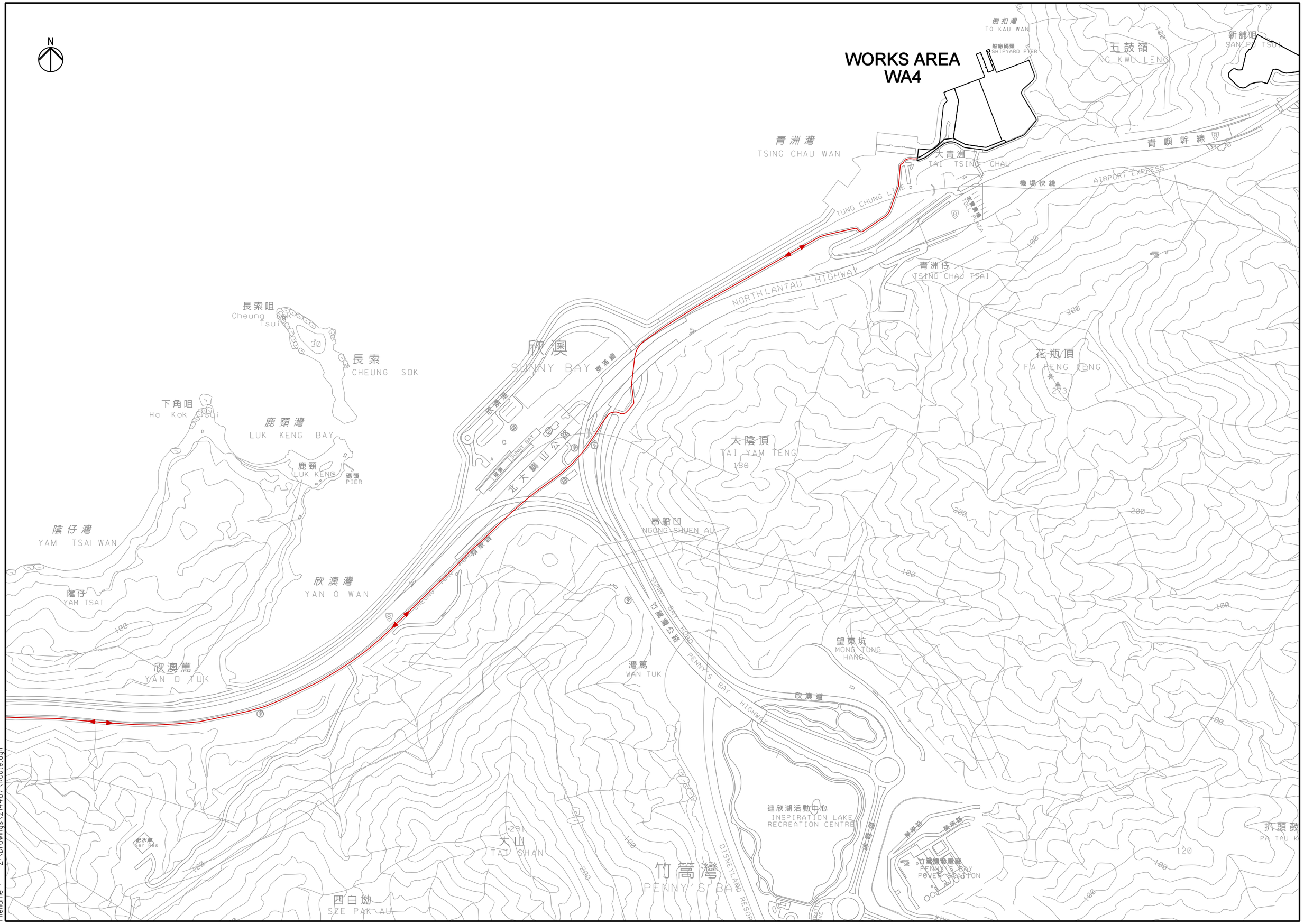
煤氣調壓及檢管站

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N

WORKS AREA
WA3

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N
WORKS AREA
WA4
倒扣灣
TO KAU WAN
船廠碼頭
SHIPYARD PIER
五鼓嶺
NG KWU LENG
新舖咀
SAN PO TSUI
青洲灣
TSING CHAU WAN
大青洲
TAI TSING CHAU
青嶼幹線
機場快綫
AIRPORT EXPRESS
TUNG CHUNG LINE
TOLL PLAZA
NORTH LANTAU HIGHWAY
青洲仔
TSING CHAU TSAI
長索咀
Cheung Sok Tsui
長索
CHEUNG SOK
下角咀
Ha Kok Tsui
鹿頸灣
LUK KENG BAY
鹿頸
LUK KENG
碼頭
PIER
欣澳
SUNNY BAY
東涌線
欣澳道
北大嶼山公路
SUNNY BAY ROAD
大陰頂
TAI YAM TENG
186
花瓶頂
FA PING TENG
273
陰仔灣
YAM TSAI WAN
陰仔
YAM TSAI
欣澳灣
YAN O WAN
欣澳篤
YAN O TUK
昂船凹
NGONG SHUEN AU
竹篙灣公路
SUNNY BAY ROAD
PENNY'S BAY HIGHWAY
望東坑
MONG TUNG HANG
灣篤
WAN TUK
欣澳道
迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE
東涌路
DISNEYLAND RESORT LINE
竹篙灣發電廠
PENNY'S BAY POWER STATION
大山
TAI SHAN
291
四白坳
SZE PAK AU
竹篙灣
PENNY'S BAY
扒頭鼓
PA TAU K
100
200
120
300
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WORKS AREA WA6

6C | 6A | 6B | 6B

Fence

TUNG CHUNG WATERFRONT ROAD

Seawall

海堤

填地

東涌發展碼頭
Tung Chung Development Pier

東涌海濱路

CHUN YUE ROAD

CHEK LAP KOK SOUTH ROAD

AIRPORT ROAD

EAST COAST ROAD

CHUN KWAN ROAD

SCENIC ROAD

NORTH LANTAU HIGHWAY

SHUN TUNG ROAD

TUNG CHUNG EASTERN INTERCHANGE

駿運路交匯處
CHUN WAN ROAD INTERCHANGE

飛行訓練中心
Flight Training Centre

國泰城
Cathay Pacific City

古聚公園
Ancient Kiln Park

觀景山
SCENIC HILL

商貿港物流中心
Tradeport Logistics Centre

飛機燃料儲存庫
Tank Farm

白沙咀
Pak Sha Tsui

Aerial Ropeway 架空索道

赤鱲角南路

社區農圃
Community Garden

逢東路花園

東涌轉車站
Tung Chung Skycity Terminal

施工中
Works in progress

東堤灣畔
Tung Chung Crescent

東涌小炮台
Tung Chung Battery

墓地
Graves

文東路公園
Man Tung Road Park

住客會所
Club House

海堤灣畔
Seaview Crescent

諾富特東薈城酒店
Novotel Citygate HK

東薈城
Citygate

東薈城第一期
Citygate

平台
Podium

東涌站
Tung Chung Station

富東邨
Fu Tung Estate

富東街

水藍天
LeBleu

藍天海岸
Coastal Skyline

影岸紅

抽水房

污水泵房

佛教青年營樂營
Buddhist Youth Camp

東涌東交匯處

迎耀路

映灣園
Caribbean Coast

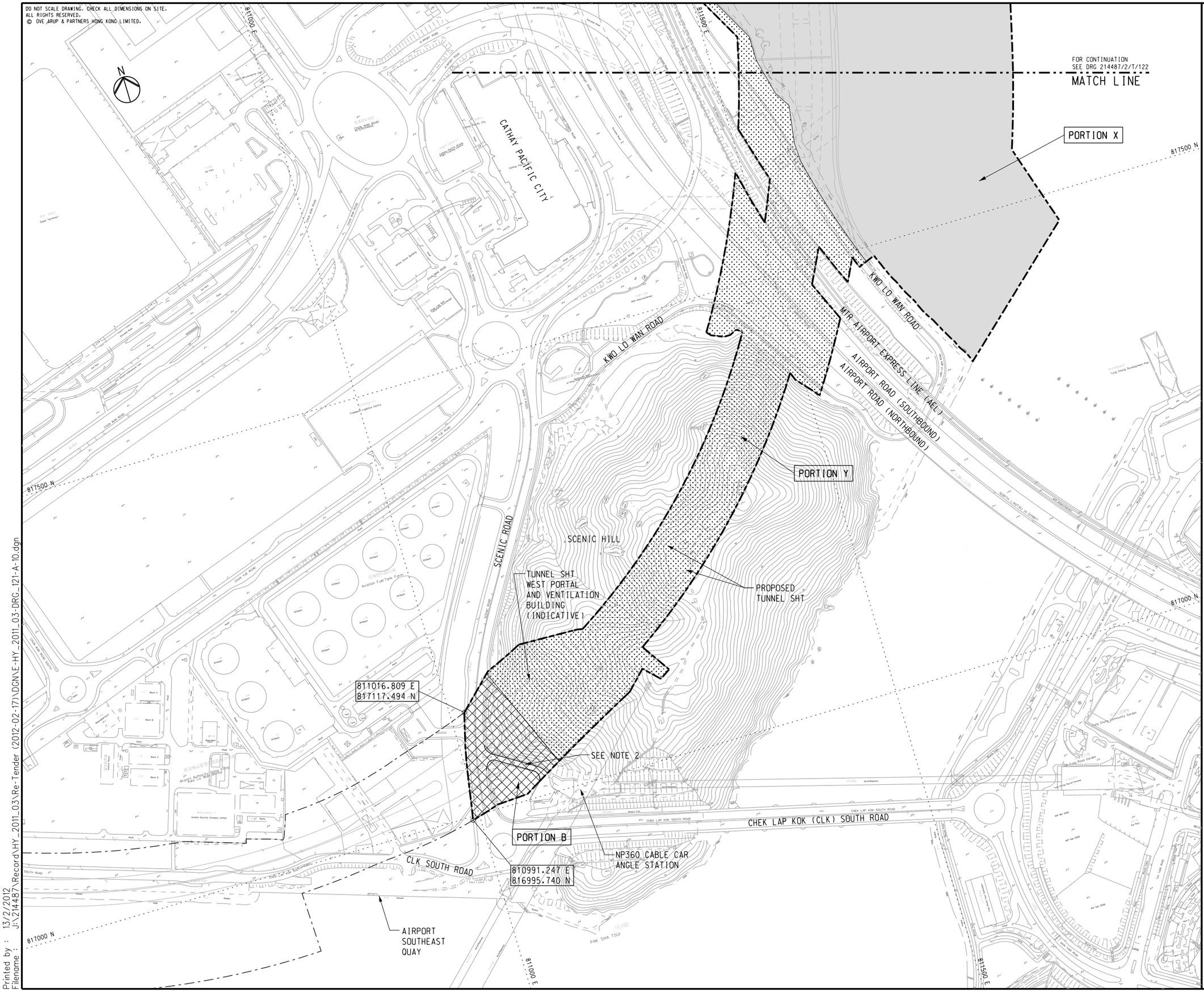
悅灣軒
Carmel Cove

聽灣軒
Crystal Cove

文東路

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NOTES

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

LEGEND

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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214487/2/T/121	A

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

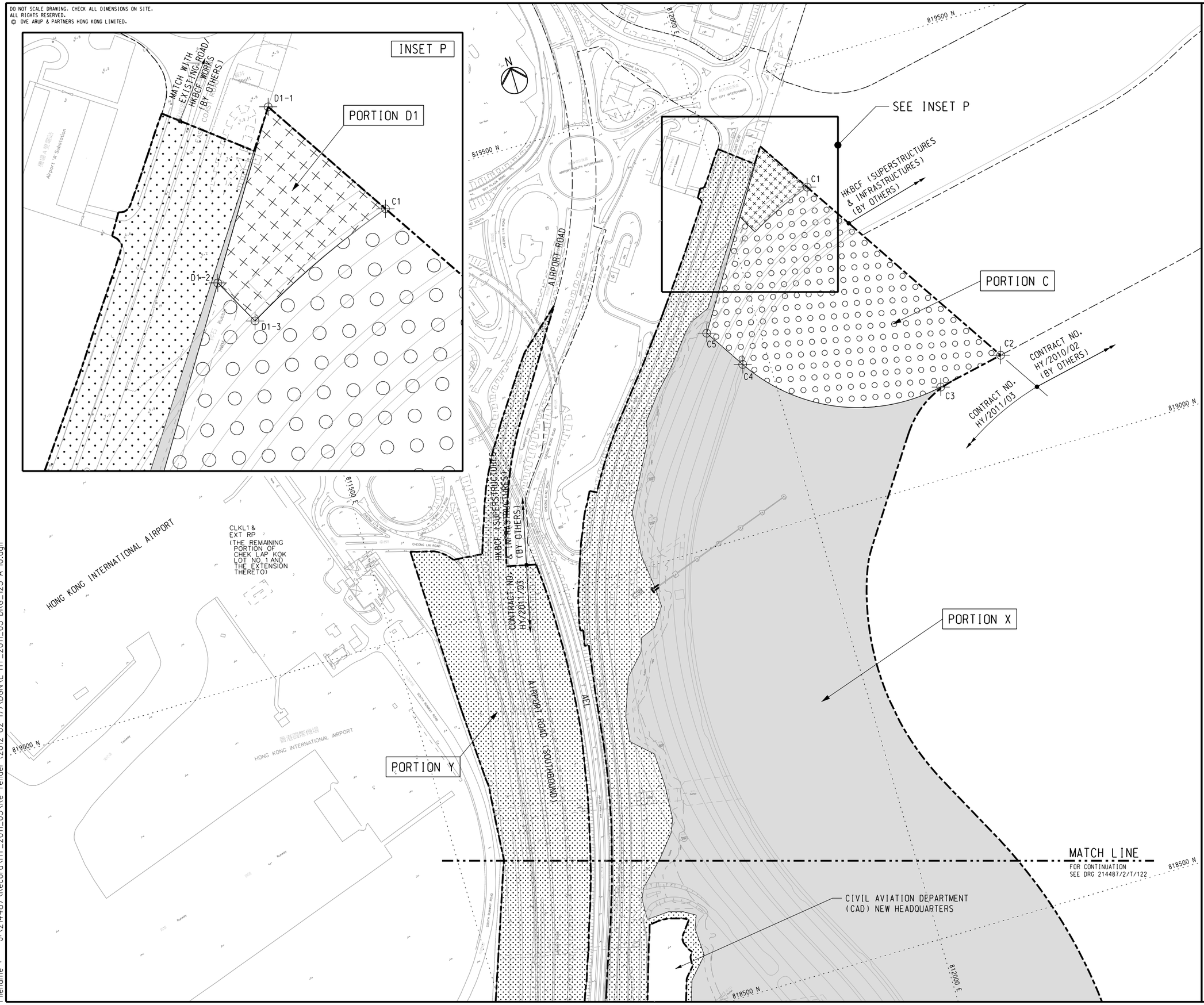
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214487/2/T/122			A
Drawn	Date	Checked	Approved
RY	02/12	IL	SK
Scale		Status	
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港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

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NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

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

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

Drawing title
PORTION OF SITE
(SHEET 3 OF 3)

Drawing no.		Rev.
214487/2/T/123		A
Drawn: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:2000 @A1	Status: TENDER	

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APPENDIX D

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 E

Implementation Schedule of Environmental Mitigation Measures

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	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	√

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
		properly maintained throughout the construction period; • 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;					
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	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

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
		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.					
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	√
S5.5.7.1	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	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	√

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
		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.					
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	√
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	√

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
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	Construction and Demolition Material	Good site practice to minimize the waste	Contractor	All construction sites	Construction stage	√

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
		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 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	generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal				
S8.3.9 - S8.3.11	WM2	<u>C&D Waste</u> • 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	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	Contractor	All construction sites	Construction stage	√

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
		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.	disposal				
S8.2.12 - S8.3.15	WM3	<u>Chemical Waste</u> • 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.	Control the chemical waste and ensure proper storage, handling and disposal.	Contractor	All construction sites	Construction stage	√

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
		• 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.					
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	Minimize production of the general refuse and avoid odour, pest and litter impacts	Contractor	All construction sites	Construction stage	√

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
		waste management procedure, including reduction, reuse and recycling of wastes.					
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 dredging/backfilling, 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 main reclamation dredging and 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 and the stage when such protection could be realised is illustrated in Figure 9.2 and detailed in Appendix 9D6 of the EIA Report. 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 dredging and filling for Portion 1 of HKLR;	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.11.1 - S9.11.1.2	W1	• Export for dredged spoils from NWWCZ avoiding exerting high demand on the disposal facilities in the NWWCZ and, hence, minimise potential cumulative impacts; • For the marine viaducts of HKLR, the bored piling will be undertaken within a metal casing; • A maximum of 30% public fill shall be used for all backfilling below -2.5mPD for the southern reclamation of TMCLKL, HKBCF and HKLR projects; • where public fill is proposed for filling below -2.5mPD, the fine content in the public fill will be	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

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
		controlled to 25%; • silt curtains (cage type) will be applied round all grab dredgers during the HKLR southern reclamation works; • single layer silt curtains will be applied around all works; • during the first two months of dredging work for HKLR, the silt-removal efficiency of the silt-curtains shall be verified by examining the results of water quality monitoring points. The water quality monitoring points to be selected for the above shall be those close to the locations of the initial period of dredging work. Details in this regard shall be determined by the ENPO to be established, taking account of the Contractor's proposed actual locations of his initial period of dredging work. • silt curtain shall be fully maintained throughout the works.					
S9.11.1 - S9.11.1.2	W1	In addition, dredging operations should be undertaken in such a manner as to minimize resuspension of sediments. Standard good dredging practice measures should, therefore, be implemented including the following requirements which should be written into the dredging contract. • trailer suction hopper dredgers shall not allow mud to overflow; • use of Lean Material Overboard (LMOB) systems shall be prohibited;	To control construction water quality	Contractor	During seawall dredging and 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 and hopper dredgers 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 and hoppers shall be controlled to prevent splashing of dredged					√

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
		material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation; • excess material shall be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved; • 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.					
S9.11.1.3	W2	<u>Land Works</u> General construction activities on land should also be governed by standard good working practice. Specific measures to be written into the works contracts should include: • wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters; • sewage effluent and discharges from on-site kitchen facilities shall be directed to Government sewer in accordance with the requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided; • storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

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
		facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks; • silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly,including specifically at the onset of and after each rainstorm; • temporary access roads should be surfaced with crushed stone or gravel; • rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities; • measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system; • open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms; • manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting 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;					

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
S9.11.1.3	W2	• all vehicles and plant should be cleaned before they leave the construction site to ensure that no earth, mud or debris is deposited by them on roads. A wheel washing bay should be provided at every site exit; • wheel wash overflow shall be directed to silt removal facilities before being discharged to the storm drain; • the section of construction road between the wheel washing bay and the public road should be surfaced with crushed stone or coarse gravel; • wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities, shall be screened to remove large objects; • vehicle and plant servicing areas, vehicle wash bays and lubrication facilities shall be located under roofed areas. The drainage in these covered areas shall be connected to foul sewers via a petrol interceptor in accordance with the requirements of the WPCO or collected for off site disposal; • the contractors shall prepare an oil / chemical cleanup plan and ensure that leakages or spillages are contained and cleaned up immediately; • waste oil should be collected and stored for recycling or disposal, in accordance with the Waste Disposal Ordinance; • all fuel tanks and chemical storage areas should be provided with locks and be sited on sealed areas. The storage areas should be surrounded by bunds with a capacity equal to 110% of the storage capacity of the largest tank; and • surface run-off from bunded areas should pass through oil/grease traps prior to discharge to the stormwater system.	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.14	W3	Implement a water quality monitoring programme	Control water quality	Contractor	At identified monitoring	During construction	√

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
					location	period	
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	• Use closed grab in dredging works. • Install silt curtain during the construction. • Limit dredging and works fronts. • Construct seawall prior to reclamation filling where practicable. • Good site practices • Strict enforcement of no marine dumping. • 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	√
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	Minimise marine noise impacts on dolphins	Contractor	Marine works	During marine works	√

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
		• 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					
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 reclamation site	Prior to marine construction works in these locations	√
Fisheries							
S11.7	F2	• Reduce re-suspension of sediments • Limit dredging and works fronts. • Good site practices • Strict enforcement of no marine dumping. • 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	√

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
S11.7	F4	• Maritime Oil Spill Response Plan (MOSRP); • Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation	√
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; • 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;	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	
S14.3.3.1		• 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	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	

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
		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).					
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. 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).	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√
S14.3.3.3	LV3	<u>Mitigate Visual Impacts</u> V1.Minimize time for construction activities during construction period.					√

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
		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 F

Site Audit Findings and Corrective Actions

Appendix F – Site Audit Findings and Corrective Actions

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 period, site inspections were carried out on 4, 11, 18 and 27 March 2015, 1, 8, 15, 22 and 30 April 2015 and 6, 13, 20 and 29 May 2015.

Particular observations during the site inspections are described below.

4 March 2015

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

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

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

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

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

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

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

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

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

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

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

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

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

11 March 2015

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

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

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

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

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

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

18 March 2015

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

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

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

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

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

27 March 2015

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

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

(c) Silt curtain was not aligned properly. The silt curtain at Portion X was straightened. This observation was found on 27 March 2015 and closed on 1 April 2015.

(d) Fill materials was found along the edge of Vessel Full Yue. The fill material was cleaned up from the deck of Vessel Full Yue. This observation was found on 27 March 2015 and closed on 1 April 2015.

(e) Chemical containers were observed without drip trays at Vessel Full Yue. The chemicals in Vessel Full Yue were removed. This observation was found on 27 March 2015 and closed on 1 April 2015.

(f) Excessive lubrication oil was found at a metal joint on Vessel Full Yue. The spillage of lubricant in Vessel Full Yue was cleaned up by the Contractor. This observation was found on 27 March 2015 and closed on 1 April 2015.

1 April 2015

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

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

(c) A gap was observed between silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 1 April 2015 and closed on 8 April 2015.

(d) The stockpile of fill material was observed to be dry and some of them dropped into the gullies at N20. The stockpile of fill material was removed and the new sand bags were placed along to gullies at N20. This observation was found on 1 April 2015 and closed on 8 April 2015.

(e) Milky water was discharged from a wastewater treatment plant at S9. It was found that excess sediments affected the function of the wastewater treatment plant. Excess sediments were removed. The function of the waste water treatment plant was resumed at S9. This observation was found on 1 April 2015 and closed on 8 April 2015.

(f) Excess rubbish was observed at S19. Excess rubbish was removed at S19. This observation was found on 1 April 2015 and closed on 8 April 2015.

8 April 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at

that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

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

(c) Gap was observed between each silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 8 April 2015 and closed on 15 April 2015.

(d) The broken sand bags were observed on the deck edge of vessel Shun Tat 82. New sand bags were replaced along the deck edge of vessel Shun Tat 82. This observation was found on 8 April 2015 and closed on 15 April 2015.

(e) No drip tray was provided for the chemical containers at N1. Drip trays and clear labels were provided for the chemical containers at N1. This observation was found on 8 April 2015 and closed on 15 April 2015.

(f) Rubbish was accumulated near I beam storage area/piling work area at S11. Rubbish was removed at S11. This observation was found on 8 April 2015 and closed on 15 April 2015.

15 April 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. An adequate wheel washing bay was provided at S8A. This observation was found on 21 January 2015 and closed on 15 April 2015.

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

(c) Gap was observed between silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 15 April 2015 and closed on 22 April 2015.

(d) Muddy water was discharged without any treatment at S7. The Contractor stopped the muddy water discharge at S7. This observation was found on 15 April 2015 and closed on 22 April 2015.

(e) Cement bags were found on the top of the storage area and no cover was provided for them at S11. The cement bags was stored within an area sheltered on three sides at S11. This observation was found on 15 April 2015 and closed on 22 April 2015.

(f) Rubbish was accumulated on the ground at S11. The rubbish was removed at S11. This observation was found on 15 April 2015 and closed on 22 April 2015.

(g) No drip tray was provided for chemical containers at N1. A drip tray was provided for the chemical containers at N1. This observation was found on 15 April 2015 and closed on 22 April 2015.

22 April 2015

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

(b) A gap was observed between each silt curtains at Portion X. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 22 April 2015 and closed on 30 April 2015.

(c) Some debris were found on the public road at N13. Debris was cleared on the public road at N13. Sand bags were provided along the edge of the road at N13. This observation was found on 22 April 2015 and closed on 30 April 2015.

(d) Accumulated water was observed in the drip tray at S11. Accumulated water inside the drip tray was cleared at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.

(e) Rubbish was accumulated near I beam storage area/piling work area at S11. Rubbish was removed at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.

(f) Slluage was observed on the unpaved area at S11. Sullage at S11 was cleaned up at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.

(g) More than 20 bags of cement were observed without impervious sheeting at S11. A cover was provided to bags of cement at S11. This observation was found on 22 April 2015 and closed on 30 April 2015.

30 April 2015

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

(b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded that concrete waste should be properly collected and contained for disposal or reuse as appropriate.

(c) A gap was found at the silt curtain. An additional silt curtain was used to fill up the gap at Portion X. This observation was found on 30 April 2015 and closed on 6 May 2015.

(d) The bund formed along the edge of Vessel Shun Tat 82. More sand bags were provided to prevent leakage of muddy water into the sea at Shun Tat 82. This observation was found on 30 April 2015 and closed on 6 May 2015.

(e) Stagnant water was observed behind the container office at N13. The accumulated water was removed at N13. This observation was found on 30 April 2015 and closed on 6 May 2015.

(f) Bags of cement without entire cover were placed near the site entrance at N13. The cement bags were covered properly by green sheets at N13. This observation was found on 30 April 2015 and closed on 6 May 2015.

6 May 2015

(a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.

(b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.

(c) Some rubbish was observed on the seawall at S7. The rubbish was removed at S7. This observation was found on 6 May 2015 and closed on 13 May 2015.

(d) No water sprinkling was provided during the piling activity at S9. Water sprinkling was provided during the piling activity at S9. This observation was found on 6 May 2015 and closed on 13 May 2015.

(e) Stagnant water was observed in the recessed eyes of the hydraulic jacking set at S11. The stagnant water inside the recessed eyes of the hydraulic jacking set was cleaned out at S11. This observation was found on 6 May 2015 and closed on 13 May 2015.

(f) The storage area of cement bags was not covered properly at S11. The cement bags were stored within an area sheltered on three sides at S11. This observation was found on 6 May 2015 and closed on 13 May 2015.

(g) Accumulated rubbish was observed at S16. The accumulated rubbish was removed at S16. This observation was found on 6 May 2015 and closed on 13 May 2015.

13 May 2015

(a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.

(b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.

(c) A gap was observed between sections of silt curtains at Portion X. The gap was filled with the additional silt curtain at Portion X. This observation was found on 13 May 2015 and closed on 20 May 2015.

(d) Water was accumulated inside the U-channel at N13. The accumulated water was removed at N13. This observation was found on 13 May 2015 and closed on 20 May 2015.

(e) No water sprinkling was provided for the piling activity at S9. Water sprinkling was provided during the piling activity at S9. This observation was found on 13 May 2015 and closed on 20 May 2015.

(f) Empty oil containers were stored in a general refuse container at S11. The empty oil containers were removed from the general refuse container and stored inside the chemical waste storage area at S11. This observation was found on 13 May 2015 and closed on 20 May 2015.

20 May 2015

(a) No wheel washing bay was placed at the site entrance of N20. Wheel washing bay was provided at site entrance of N20. This observation was found on 4 March 2015 and closed on 29 May 2015.

(b) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.

(c) Rubbish was accumulated in an area at N20. Accumulated rubbish was removed at N20. This observation was found on 20 May 2015 and closed on 29 May 2015.

(d) A large stagnant water pool was observed at S15. The stagnant water was removed at S15. This observation was found on 20 May 2015 and closed on 29 May 2015.

(e) Wastewater was discharged without any treatment at S19. Wastewater treatment plant was provided to treat the wastewater before discharge at S19. This observation was found on 20 May 2015 and closed on 29 May 2015.

(f) Sand bags were not placed along the site boundary to avoid washing away of silt into U channels at S23. Sand bags were placed along the site boundary at S23. This observation was found on 20 May 2015 and closed on 29 May 2015.

(g) Silt curtains were not maintained in accordance with the design plan at Portion X. The silt curtains were maintained inaccordance with the design plan at Portion X. This observation was found on 20 May 2015 and closed on 29 May 2015.

29 May 2015

(a) A few patches of concrete waste was observed on the ground at N20. This observation was found on 30 April 2015. The Contractor was reminded to remove the concrete waste at N20 as soon as possible.

(b) Gap was found at the silt curtain. The Contractor was reminded that prompt rectification should be conducted.

(c) Chemical containers were not properly stored on Vessel Shun Tat 82. The Contractor was reminded to stack up of chemical containers should be avoided.

(d) Sand bags along the water barrier at Airport Road were insufficient. The Contractor was reminded to provide more sand bags along the whole boundary at Airport Road to avoid water seepage.

(e) The length of wheel washing bay at N20 is too short. The Contractor was reminded to modify the wheel washing bay.

(f) Stagnant water was observed at the surface channel at N20. The Contractor was reminded to maintain surface channel properly.

(g) The gully was exposed at N20. The Contractor was reminded to provide cover to the gully in order to avoid falling of silt or other object into the gully.

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.

APPENDIX G

Air Quality Monitoring Data and Graphical Plots

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-03-02	AMS5	09:33	1-hr TSP	107	ug/m3
HKLR	HY/2011/03	2015-03-02	AMS5	10:33	1-hr TSP	100	ug/m3
HKLR	HY/2011/03	2015-03-02	AMS5	11:33	1-hr TSP	99	ug/m3
HKLR	HY/2011/03	2015-03-06	AMS5	13:21	1-hr TSP	274	ug/m3
HKLR	HY/2011/03	2015-03-06	AMS5	14:21	1-hr TSP	456	ug/m3
HKLR	HY/2011/03	2015-03-06	AMS5	15:21	1-hr TSP	508	ug/m3
HKLR	HY/2011/03	2015-03-12	AMS5	09:33	1-hr TSP	69	ug/m3
HKLR	HY/2011/03	2015-03-12	AMS5	10:33	1-hr TSP	80	ug/m3
HKLR	HY/2011/03	2015-03-12	AMS5	11:33	1-hr TSP	98	ug/m3
HKLR	HY/2011/03	2015-03-18	AMS5	13:34	1-hr TSP	92	ug/m3
HKLR	HY/2011/03	2015-03-18	AMS5	14:34	1-hr TSP	98	ug/m3
HKLR	HY/2011/03	2015-03-18	AMS5	15:34	1-hr TSP	99	ug/m3
HKLR	HY/2011/03	2015-03-24	AMS5	09:27	1-hr TSP	147	ug/m3
HKLR	HY/2011/03	2015-03-24	AMS5	10:27	1-hr TSP	118	ug/m3
HKLR	HY/2011/03	2015-03-24	AMS5	11:27	1-hr TSP	113	ug/m3
HKLR	HY/2011/03	2015-03-30	AMS5	13:36	1-hr TSP	71	ug/m3
HKLR	HY/2011/03	2015-03-30	AMS5	14:36	1-hr TSP	80	ug/m3
HKLR	HY/2011/03	2015-03-30	AMS5	15:36	1-hr TSP	105	ug/m3
HKLR	HY/2011/03	2015-04-02	AMS5	08:45	1-hr TSP	79	ug/m3
HKLR	HY/2011/03	2015-04-02	AMS5	09:45	1-hr TSP	77	ug/m3
HKLR	HY/2011/03	2015-04-02	AMS5	10:45	1-hr TSP	81	ug/m3
HKLR	HY/2011/03	2015-04-08	AMS5	08:50	1-hr TSP	67	ug/m3
HKLR	HY/2011/03	2015-04-08	AMS5	09:50	1-hr TSP	73	ug/m3
HKLR	HY/2011/03	2015-04-08	AMS5	10:50	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2015-04-14	AMS5	13:36	1-hr TSP	74	ug/m3
HKLR	HY/2011/03	2015-04-14	AMS5	14:36	1-hr TSP	77	ug/m3
HKLR	HY/2011/03	2015-04-14	AMS5	15:36	1-hr TSP	74	ug/m3
HKLR	HY/2011/03	2015-04-20	AMS5	09:10	1-hr TSP	97	ug/m3
HKLR	HY/2011/03	2015-04-20	AMS5	10:10	1-hr TSP	118	ug/m3
HKLR	HY/2011/03	2015-04-20	AMS5	11:10	1-hr TSP	108	ug/m3
HKLR	HY/2011/03	2015-04-24	AMS5	13:20	1-hr TSP	165	ug/m3
HKLR	HY/2011/03	2015-04-24	AMS5	14:20	1-hr TSP	173	ug/m3
HKLR	HY/2011/03	2015-04-24	AMS5	15:20	1-hr TSP	176	ug/m3
HKLR	HY/2011/03	2015-04-29	AMS5	09:34	1-hr TSP	87	ug/m3
HKLR	HY/2011/03	2015-04-29	AMS5	10:34	1-hr TSP	89	ug/m3
HKLR	HY/2011/03	2015-04-29	AMS5	11:34	1-hr TSP	84	ug/m3
HKLR	HY/2011/03	2015-05-05	AMS5	13:23	1-hr TSP	63	ug/m3
HKLR	HY/2011/03	2015-05-05	AMS5	14:23	1-hr TSP	65	ug/m3
HKLR	HY/2011/03	2015-05-05	AMS5	15:23	1-hr TSP	67	ug/m3
HKLR	HY/2011/03	2015-05-11	AMS5	09:35	1-hr TSP	75	ug/m3
HKLR	HY/2011/03	2015-05-11	AMS5	10:35	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2015-05-11	AMS5	11:35	1-hr TSP	68	ug/m3
HKLR	HY/2011/03	2015-05-15	AMS5	13:38	1-hr TSP	64	ug/m3
HKLR	HY/2011/03	2015-05-15	AMS5	14:38	1-hr TSP	64	ug/m3
HKLR	HY/2011/03	2015-05-15	AMS5	15:38	1-hr TSP	64	ug/m3
HKLR	HY/2011/03	2015-05-21	AMS5	09:35	1-hr TSP	60	ug/m3
HKLR	HY/2011/03	2015-05-21	AMS5	10:35	1-hr TSP	59	ug/m3
HKLR	HY/2011/03	2015-05-21	AMS5	11:35	1-hr TSP	62	ug/m3
HKLR	HY/2011/03	2015-05-27	AMS5	13:37	1-hr TSP	79	ug/m3
HKLR	HY/2011/03	2015-05-27	AMS5	14:37	1-hr TSP	81	ug/m3
HKLR	HY/2011/03	2015-05-27	AMS5	15:37	1-hr TSP	83	ug/m3
HKLR	HY/2011/03	2015-03-05	AMS5	08:00	24-hr TSP	32	ug/m3
HKLR	HY/2011/03	2015-03-11	AMS5	08:00	24-hr TSP	57	ug/m3
HKLR	HY/2011/03	2015-03-17	AMS5	08:00	24-hr TSP	33	ug/m3
HKLR	HY/2011/03	2015-03-23	AMS5	08:00	24-hr TSP	103	ug/m3
HKLR	HY/2011/03	2015-03-27	AMS5	08:00	24-hr TSP	75	ug/m3
HKLR	HY/2011/03	2015-04-01	AMS5	08:00	24-hr TSP	31	ug/m3
HKLR	HY/2011/03	2015-04-08	AMS5	08:00	24-hr TSP	33	ug/m3
HKLR	HY/2011/03	2015-04-13	AMS5	08:00	24-hr TSP	101	ug/m3
HKLR	HY/2011/03	2015-04-17	AMS5	08:00	24-hr TSP	38	ug/m3
HKLR	HY/2011/03	2015-04-23	AMS5	08:00	24-hr TSP	53	ug/m3
HKLR	HY/2011/03	2015-04-28	AMS5	08:00	24-hr TSP	34	ug/m3
HKLR	HY/2011/03	2015-05-04	AMS5	08:00	24-hr TSP	27	ug/m3
HKLR	HY/2011/03	2015-05-08	AMS5	08:00	24-hr TSP	19	ug/m3
HKLR	HY/2011/03	2015-05-14	AMS5	08:00	24-hr TSP	14	ug/m3
HKLR	HY/2011/03	2015-05-20	AMS5	08:00	24-hr TSP	21	ug/m3
HKLR	HY/2011/03	2015-05-26	AMS5	08:00	24-hr TSP	26	ug/m3
HKLR	HY/2011/03	2015-03-02	AMS6	13:16	1-hr TSP	114	ug/m3
HKLR	HY/2011/03	2015-03-02	AMS6	14:16	1-hr TSP	124	ug/m3
HKLR	HY/2011/03	2015-03-02	AMS6	15:16	1-hr TSP	130	ug/m3

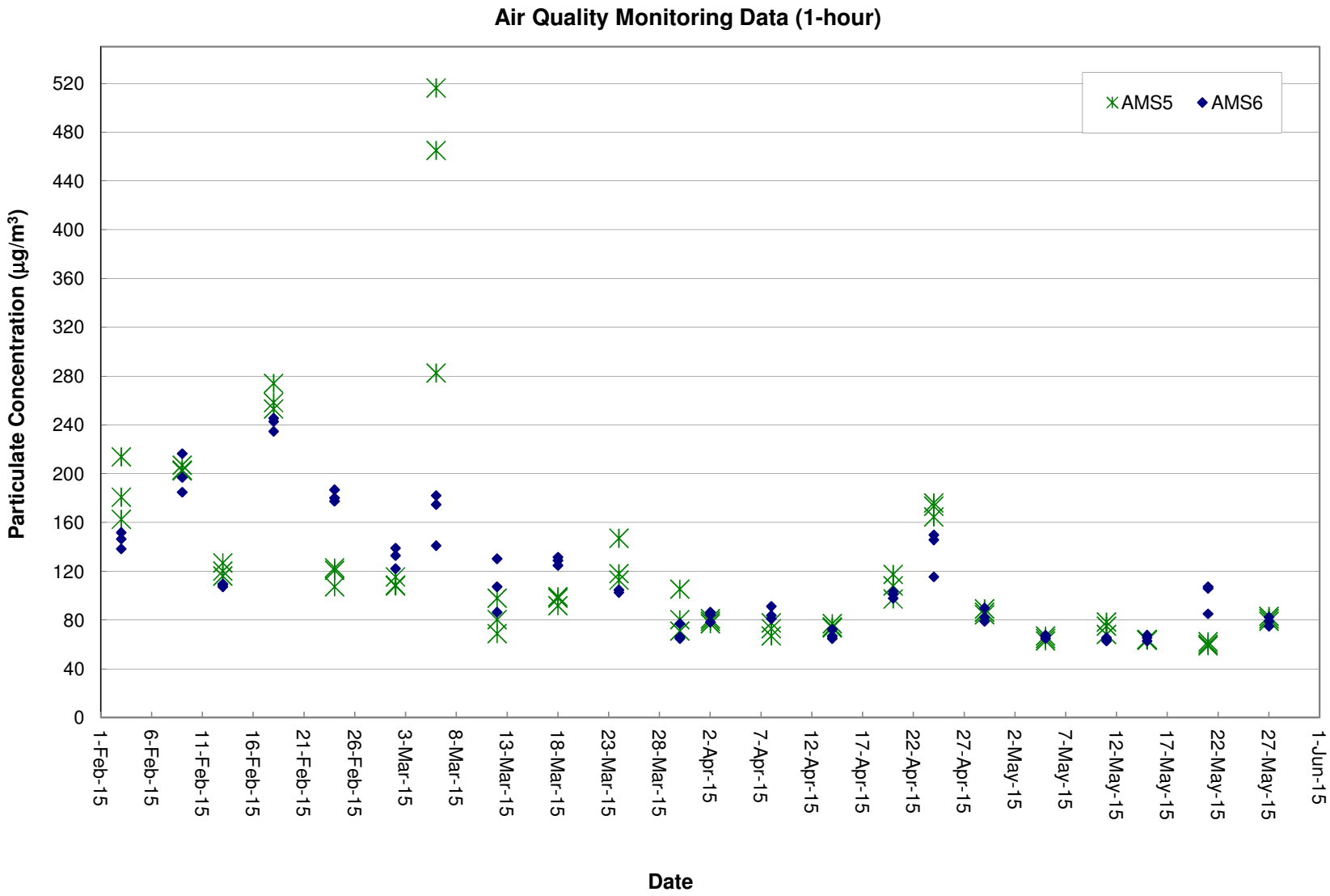
Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-03-06	AMS6	09:31	1-hr TSP	173	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS6	14:16	1-hr TSP	166	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS6	15:16	1-hr TSP	132	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	13:14	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	14:16	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	15:16	1-hr TSP	130	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	08:19	1-hr TSP	129	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	09:19	1-hr TSP	132	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	10:19	1-hr TSP	125	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	13:33	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	14:33	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	15:33	1-hr TSP	103	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	09:24	1-hr TSP	77	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	10:24	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	11:24	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2015-04-02	AMS6	09:15	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2015-04-02	AMS6	10:15	1-hr TSP	84	ug/m^3
HKLR	HY/2011/03	2015-04-02	AMS6	11:15	1-hr TSP	78	ug/m^3
HKLR	HY/2011/03	2015-04-08	AMS6	13:06	1-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2015-04-08	AMS6	14:06	1-hr TSP	84	ug/m^3
HKLR	HY/2011/03	2015-04-08	AMS6	15:06	1-hr TSP	81	ug/m^3
HKLR	HY/2011/03	2015-04-14	AMS6	09:35	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2015-04-14	AMS6	10:35	1-hr TSP	67	ug/m^3
HKLR	HY/2011/03	2015-04-14	AMS6	11:35	1-hr TSP	72	ug/m^3
HKLR	HY/2011/03	2015-04-20	AMS6	13:21	1-hr TSP	103	ug/m^3
HKLR	HY/2011/03	2015-04-20	AMS6	14:21	1-hr TSP	101	ug/m^3
HKLR	HY/2011/03	2015-04-20	AMS6	15:21	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2015-04-24	AMS6	09:21	1-hr TSP	115	ug/m^3
HKLR	HY/2011/03	2015-04-24	AMS6	10:21	1-hr TSP	146	ug/m^3
HKLR	HY/2011/03	2015-04-24	AMS6	11:21	1-hr TSP	150	ug/m^3
HKLR	HY/2011/03	2015-04-29	AMS6	13:26	1-hr TSP	79	ug/m^3
HKLR	HY/2011/03	2015-04-29	AMS6	14:26	1-hr TSP	82	ug/m^3
HKLR	HY/2011/03	2015-04-29	AMS6	15:26	1-hr TSP	90	ug/m^3
HKLR	HY/2011/03	2015-05-05	AMS6	09:25	1-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2015-05-05	AMS6	10:25	1-hr TSP	67	ug/m^3
HKLR	HY/2011/03	2015-05-05	AMS6	11:25	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2015-05-11	AMS6	13:32	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2015-05-11	AMS6	14:32	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2015-05-11	AMS6	15:32	1-hr TSP	64	ug/m^3
HKLR	HY/2011/03	2015-05-15	AMS6	09:31	1-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2015-05-15	AMS6	10:31	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2015-05-15	AMS6	11:31	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2015-05-21	AMS6	13:23	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2015-05-21	AMS6	14:23	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2015-05-21	AMS6	15:23	1-hr TSP	106	ug/m^3
HKLR	HY/2011/03	2015-05-27	AMS6	09:12	1-hr TSP	82	ug/m^3
HKLR	HY/2011/03	2015-05-27	AMS6	10:12	1-hr TSP	79	ug/m^3
HKLR	HY/2011/03	2015-05-27	AMS6	11:12	1-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2015-03-05	AMS6	08:00	24-hr TSP	42	ug/m^3
HKLR	HY/2011/03	2015-03-11	AMS6	08:00	24-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2015-03-17	AMS6	08:00	24-hr TSP	45	ug/m^3
HKLR	HY/2011/03	2015-03-23	AMS6	08:00	24-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2015-03-27	AMS6	08:00	24-hr TSP	104	ug/m^3
HKLR	HY/2011/03	2015-04-01	AMS6	08:00	24-hr TSP	36	ug/m^3
HKLR	HY/2011/03	2015-04-08	AMS6	08:00	24-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2015-04-13	AMS6	08:00	24-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2015-04-17	AMS6	08:00	24-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2015-04-23	AMS6	08:00	24-hr TSP	81	ug/m^3
HKLR	HY/2011/03	2015-04-28	AMS6	08:00	24-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2015-05-04	AMS6	08:00	24-hr TSP	45	ug/m^3
HKLR	HY/2011/03	2015-05-12	AMS6	13:00	24-hr TSP	64	ug/m^3
HKLR	HY/2011/03	2015-05-15	AMS6	12:30	24-hr TSP	52	ug/m^3
HKLR	HY/2011/03	2015-05-20	AMS6	08:00	24-hr TSP	30	ug/m^3
HKLR	HY/2011/03	2015-05-26	AMS6	08:00	24-hr TSP	22	ug/m^3

Remark:

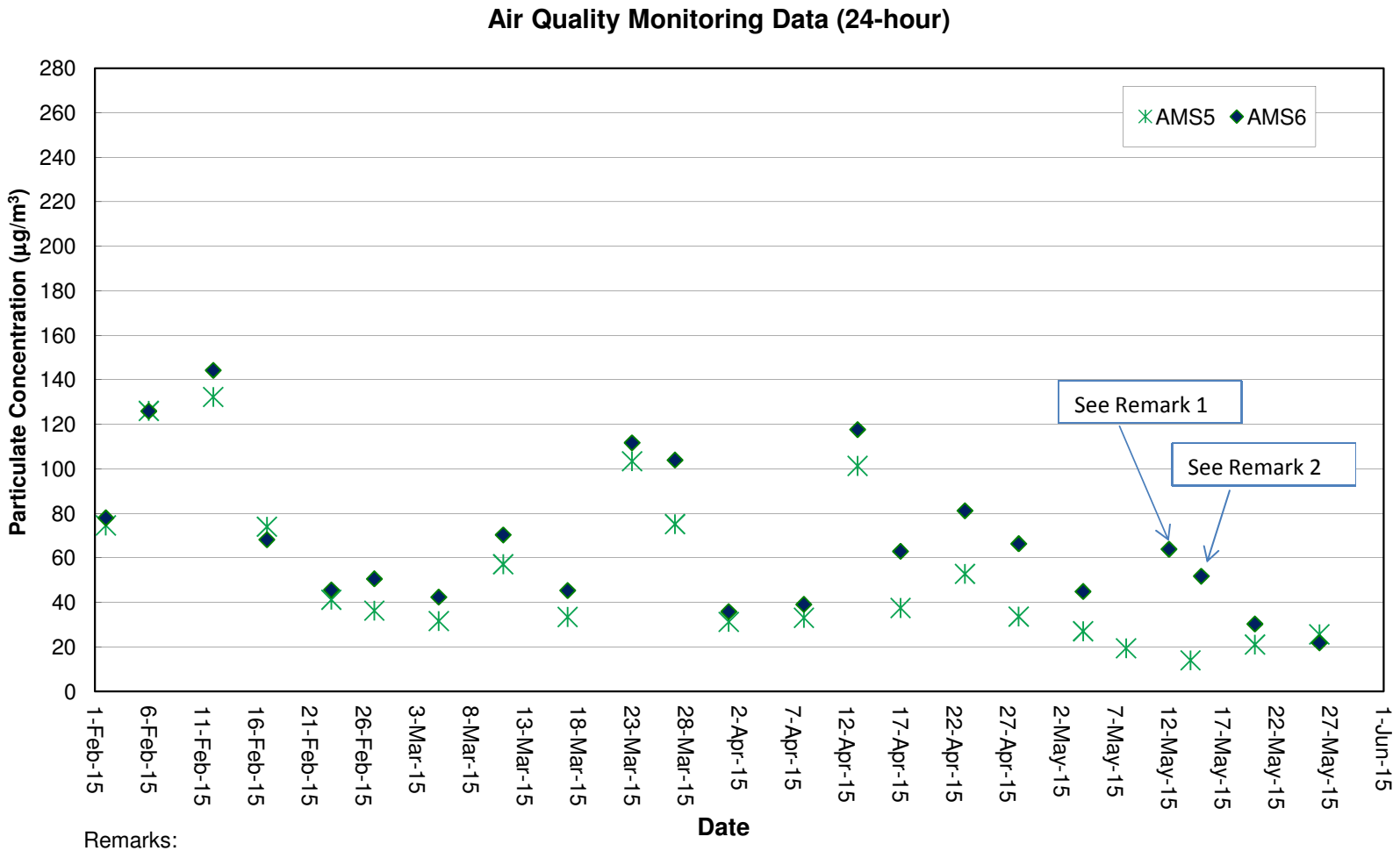
(1) Due to malfunction of HVS at AMS6 on 8 May 2015, the 24-hr TSP monitoring result obtained on 8 May 2015 was considered invalid. The 24-hr TSP monitoring was rescheduled from 8 May to 12 May 2015.

(2) Due to power interruption of HVS at station AMS6 on 14 May 2015, the 24-hr TSP monitoring at station AMS6 was rescheduled from 14 May 2015 to 15 May 2015.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remarks:

1) Due to malfunction of HVS at AMS6 on 8 May 2015, the 24-hr TSP monitoring result obtained on 8 May 2015 was considered invalid. The 24-hr TSP monitoring was rescheduled from 8 May to 12 May 2015.

2) Due to power interruption of HVS at station AMS6 on 14 May 2015, the 24-hr TSP monitoring at station AMS6 was rescheduled from 14 May 2015 to 15 May 2015.

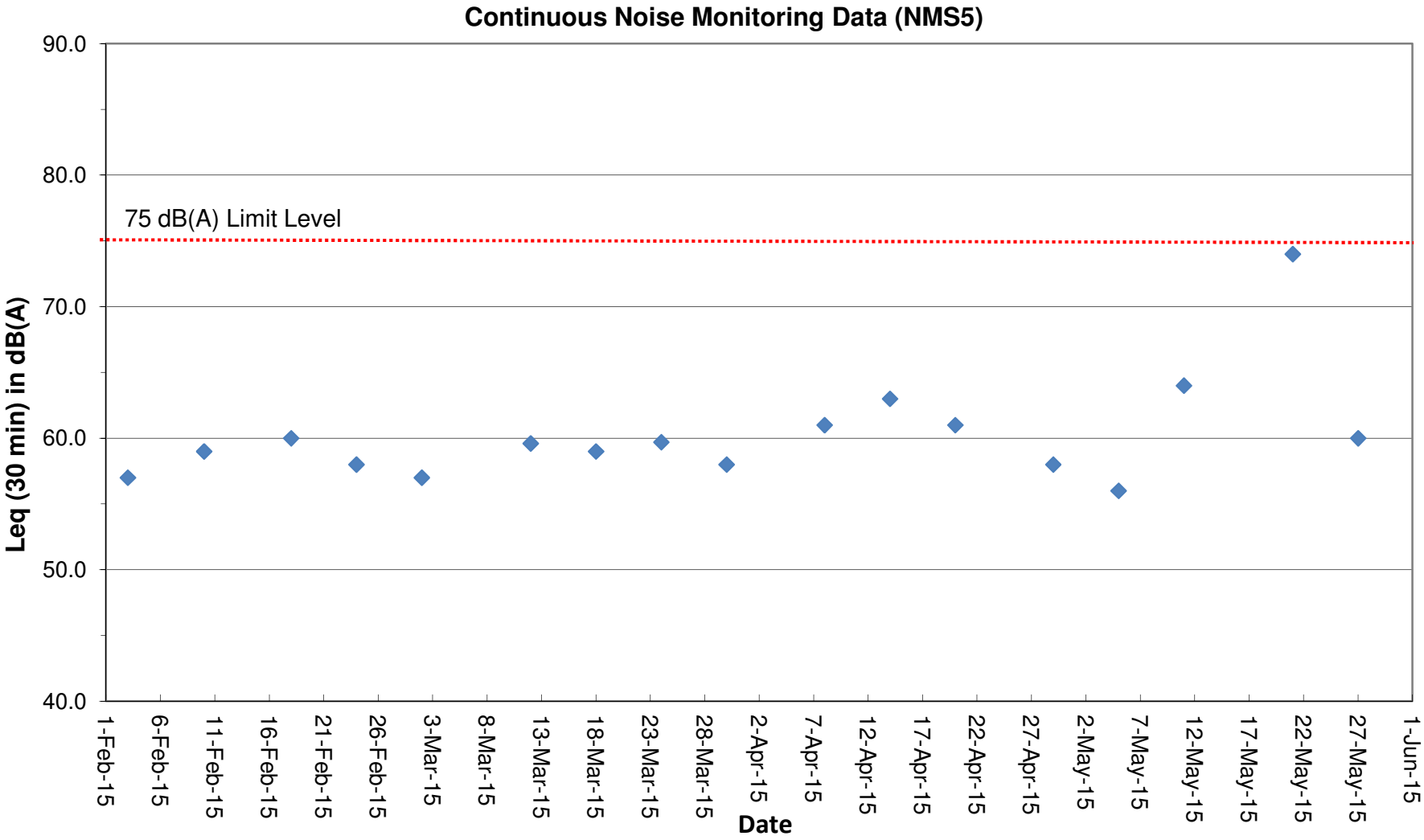
APPENDIX H

Noise Monitoring Data and Graphical Plots

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2015-03-02	NMS5	09:44	<5	Leq:	54.1	Leq:	53.2	Leq:	53.3	Leq:	52.4	Leq:	54.2	Leq:	54.7	Leq:	56.7	dB(A)
						L10:	57.5	L10:	55.5	L10:	57.0	L10:	55.5	L10:	58.0	L10:	57.5	L10:	59.9	
						L90:	48.5	L90:	48.5	L90:	48.0	L90:	48.0	L90:	48.0	L90:	49.5	L90:	51.5	
HKLR	HY/2011/03	2015-03-12	NMS5	11:30	<5	Leq:	56.1	Leq:	57.8	Leq:	55.4	Leq:	56.0	Leq:	56.9	Leq:	57.0	Leq:	59.6	dB(A)
						L10:	58.5	L10:	61.0	L10:	58.5	L10:	59.5	L10:	60.0	L10:	60.0	L10:	62.7	
						L90:	51.5	L90:	51.5	L90:	50.0	L90:	50.0	L90:	49.5	L90:	50.5	L90:	53.6	
HKLR	HY/2011/03	2015-03-18	NMS5	13:50	<5	Leq:	56.3	Leq:	52.3	Leq:	53.6	Leq:	56.4	Leq:	55.0	Leq:	58.2	Leq:	58.7	dB(A)
						L10:	60.0	L10:	54.5	L10:	56.0	L10:	60.0	L10:	58.5	L10:	62.5	L10:	62.4	
						L90:	49.0	L90:	48.5	L90:	49.5	L90:	49.0	L90:	49.0	L90:	50.0	L90:	52.2	
HKLR	HY/2011/03	2015-03-24	NMS5	10:05	<5	Leq:	59.9	Leq:	55.4	Leq:	54.7	Leq:	54.8	Leq:	55.2	Leq:	57.5	Leq:	59.7	dB(A)
						L10:	63.0	L10:	58.5	L10:	57.5	L10:	57.5	L10:	57.5	L10:	61.0	L10:	62.7	
						L90:	51.5	L90:	50.5	L90:	49.5	L90:	50.0	L90:	50.0	L90:	51.5	L90:	53.6	
HKLR	HY/2011/03	2015-03-30	NMS5	13:46	<5	Leq:	53.0	Leq:	55.0	Leq:	55.8	Leq:	55.4	Leq:	56.5	Leq:	56.0	Leq:	58.4	dB(A)
						L10:	55.0	L10:	57.0	L10:	58.5	L10:	57.0	L10:	59.0	L10:	59.5	L10:	60.9	
						L90:	49.0	L90:	51.5	L90:	51.5	L90:	52.5	L90:	52.5	L90:	50.0	L90:	54.3	
HKLR	HY/2011/03	2015-04-08	NMS5	08:55	<5	Leq:	60.2	Leq:	57.2	Leq:	59.1	Leq:	57.9	Leq:	60.0	Leq:	53.4	Leq:	61.5	dB(A)
						L10:	62.5	L10:	60.5	L10:	61.5	L10:	61.0	L10:	62.5	L10:	54.0	L10:	64.0	
						L90:	53.0	L90:	51.5	L90:	54.0	L90:	52.0	L90:	53.5	L90:	52.0	L90:	55.8	
HKLR	HY/2011/03	2015-04-14	NMS5	13:51	<5	Leq:	59.7	Leq:	58.9	Leq:	58.2	Leq:	62.1	Leq:	59.2	Leq:	59.7	Leq:	62.8	dB(A)
						L10:	62.0	L10:	62.0	L10:	61.5	L10:	64.5	L10:	62.0	L10:	62.5	L10:	65.5	
						L90:	54.0	L90:	53.5	L90:	53.0	L90:	54.0	L90:	54.0	L90:	54.0	L90:	56.8	
HKLR	HY/2011/03	2015-04-20	NMS5	09:48	<5	Leq:	57.9	Leq:	58.0	Leq:	58.5	Leq:	55.8	Leq:	57.4	Leq:	58.9	Leq:	60.9	dB(A)
						L10:	61.0	L10:	61.5	L10:	62.0	L10:	58.0	L10:	60.5	L10:	62.0	L10:	64.0	
						L90:	52.5	L90:	53.0	L90:	53.5	L90:	52.0	L90:	52.5	L90:	53.0	L90:	55.8	
HKLR	HY/2011/03	2015-04-29	NMS5	09:54	<5	Leq:	53.5	Leq:	53.6	Leq:	51.6	Leq:	53.2	Leq:	55.9	Leq:	57.4	Leq:	57.6	dB(A)
						L10:	56.0	L10:	57.0	L10:	54.0	L10:	56.5	L10:	59.5	L10:	61.0	L10:	61.0	
						L90:	49.0	L90:	49.0	L90:	48.0	L90:	48.5	L90:	49.0	L90:	49.5	L90:	51.9	
HKLR	HY/2011/03	2015-05-05	NMS5	13:31	<5	Leq:	53.2	Leq:	51.8	Leq:	51.9	Leq:	55.2	Leq:	51.4	Leq:	52.6	Leq:	55.9	dB(A)
						L10:	56.0	L10:	54.0	L10:	54.0	L10:	56.5	L10:	53.0	L10:	54.5	L10:	57.8	
						L90:	49.0	L90:	49.0	L90:	49.0	L90:	49.5	L90:	49.0	L90:	49.0	L90:	52.1	
HKLR	HY/2011/03	2015-05-11	NMS5	09:55	<5	Leq:	59.2	Leq:	65.1	Leq:	57.9	Leq:	61.6	Leq:	61.9	Leq:	58.3	Leq:	64.4	dB(A)
						L10:	63.0	L10:	68.0	L10:	61.0	L10:	65.0	L10:	65.5	L10:	62.5	L10:	67.8	
						L90:	53.5	L90:	56.0	L90:	52.0	L90:	54.0	L90:	55.0	L90:	48.5	L90:	56.7	
HKLR	HY/2011/03	2015-05-21	NMS5	09:41	<5	Leq:	69.9	Leq:	71.2	Leq:	71.3	Leq:	70.9	Leq:	69.9	Leq:	70.1	Leq:	73.6	dB(A)
						L10:	71.0	L10:	72.0	L10:	73.0	L10:	73.0	L10:	71.5	L10:	72.0	L10:	75.1	
						L90:	68.0	L90:	69.5	L90:	68.0	L90:	68.0	L90:	66.0	L90:	66.5	L90:	70.8	
HKLR	HY/2011/03	2015-05-27	NMS5	13:46	<5	Leq:	57.5	Leq:	56.9	Leq:	56.5	Leq:	56.7	Leq:	56.4	Leq:	56.6	Leq:	59.8	dB(A)
						L10:	61.0	L10:	61.0	L10:	58.5	L10:	59.5	L10:	59.0	L10:	61.5	L10:	63.2	
						L90:	51.0	L90:	49.5	L90:	53.0	L90:	51.5	L90:	50.5	L90:	49.5	L90:	54.0	

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

Graphical Plot of Noise Levels at NMS5



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

APPENDIX I

Water Quality Monitoring Data and Graphical Plots

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

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

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

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

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR4	18:26:43	2.6	Bottom	3	1	18.87	7.4	29.6	93.6	7.3	25.5	21.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR4	18:25:58	2.6	Bottom	3	2	18.87	7.4	29.56	93.9	7.32	25.7	21.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:37	1.0	Surface	1	1	18.09	7.93	29.32	94.7	7.51	2.9	6.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:17	1.0	Surface	1	2	18.08	7.94	29.39	94.6	7.5	2.5	5.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:25	4.3	Bottom	3	1	18.1	7.93	29.44	95	7.53	2.5	3.5
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:09	4.3	Bottom	3	2	18.08	7.93	29.64	95.2	7.54	2.6	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:58:16	1.0	Surface	1	1	18.39	7.46	30.76	91	7.11	3.8	2.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:59:30	1.0	Surface	1	2	18.39	7.47	30.78	90.9	7.11	4	2.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:57:53	3.3	Middle	2	1	18.38	7.46	30.77	90.7	7.1	3.8	5.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:59:10	3.3	Middle	2	2	18.39	7.47	30.78	91	7.11	4.3	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:57:29	5.6	Bottom	3	1	18.38	7.46	30.74	90.7	7.09	4	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:58:45	5.6	Bottom	3	2	18.39	7.46	30.76	90.5	7.08	3.9	3.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:06	1.0	Surface	1	1	18.39	7.47	30.84	91.4	7.14	3.3	2.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:47	1.0	Surface	1	2	18.39	7.47	30.86	91.4	7.14	3.5	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:08:45	4.2	Bottom	3	1	18.39	7.47	30.87	91.9	7.17	3.6	3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:29	4.2	Bottom	3	2	18.39	7.47	30.89	91.6	7.15	3.7	2.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:35	1.0	Surface	1	1	18.12	7.95	28.96	95.2	7.56	3.9	3.9
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:57	1.0	Surface	1	2	18.12	7.97	28.98	95.3	7.57	3.8	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:17	3.7	Middle	2	1	18.08	7.97	29.72	94.9	7.51	5.6	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:35	3.7	Middle	2	2	18.08	8.01	29.77	96.1	7.6	5.8	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:11	6.4	Bottom	3	1	18.08	7.97	29.86	94.7	7.49	6.5	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:29	6.4	Bottom	3	2	18.07	8.02	30.05	96.4	7.61	6.7	4.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:13	1.0	Surface	1	1	18.67	7.48	30.02	94.2	7.35	6.3	2.9
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:20:16	1.0	Surface	1	2	18.66	7.49	30.07	95	7.42	5.9	3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:56	6.8	Middle	2	1	18.56	7.48	30.38	93.3	7.28	7.5	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:18:52	6.8	Middle	2	2	18.56	7.48	30.39	92.5	7.22	7.8	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:18:33	12.6	Bottom	3	1	18.49	7.46	30.7	93.1	7.26	8.6	4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:36	12.6	Bottom	3	2	18.46	7.46	30.65	93.7	7.3	9.4	2.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:43:27	1.0	Surface	1	1	18.97	7.63	29.08	93.4	7.29	18.1	6.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:22	1.0	Surface	1	2	18.97	7.62	29.07	93.4	7.29	17.9	6.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:03	4.2	Middle	2	1	18.96	7.62	29.17	93.2	7.28	19.1	7.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:43:05	4.2	Middle	2	2	18.96	7.63	29.18	93.3	7.28	18.8	7.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:41:43	7.4	Bottom	3	1	18.94	7.62	29.26	92.8	7.24	19.5	7.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:44	7.4	Bottom	3	2	18.94	7.63	29.23	92.9	7.25	19.2	7.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:42	1.0	Surface	1	1	18.95	7.61	28.91	93.4	7.31	13.9	5.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:09	1.0	Surface	1	2	18.95	7.61	28.88	93.1	7.28	14.1	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:25	2.1	Bottom	3	1	18.95	7.61	28.9	93.2	7.29	14.8	5.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:51:51	2.1	Bottom	3	2	18.95	7.6	28.86	93.1	7.28	14.3	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:44	1.0	Surface	1	1	18.97	7.63	29.27	94.7	7.39	13.5	6.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:05	1.0	Surface	1	2	18.97	7.62	29.25	94.5	7.37	13.7	7.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:27	2.3	Bottom	3	1	18.98	7.62	29.27	94.5	7.37	14.4	8.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	12:59:48	2.3	Bottom	3	2	18.97	7.61	29.25	94.6	7.38	13.8	7.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:28:32	1.0	Surface	1	1	18.63	7.65	29.52	94.1	7.38	9.8	5.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:27:58	1.0	Surface	1	2	18.65	7.64	29.49	94.5	7.4	10.2	5.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:27:41	2.6	Bottom	3	1	18.64	7.64	29.51	94.1	7.37	10	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:28:15	2.6	Bottom	3	2	18.63	7.64	29.53	94.3	7.39	10.1	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:01	1.0	Surface	1	1	18.73	7.65	29.28	94	7.37	11.8	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:38	1.0	Surface	1	2	18.75	7.65	29.27	94.2	7.38	11.9	5.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:07:45	2.4	Bottom	3	1	18.72	7.65	29.34	93.6	7.33	11.9	6.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:21	2.4	Bottom	3	2	18.72	7.65	29.36	93.7	7.34	12.1	7.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:51	1.0	Surface	1	1	17.89	7.94	29.92	91.9	7.29	3.4	2.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:13:29	1.0	Surface	1	2	18	7.92	29.61	92.5	7.34	3.4	3.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:40	5.0	Middle	2	1	17.7	7.94	31.47	92	7.26	3.2	2.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:13:09	5.0	Middle	2	2	17.68	7.93	31.53	92.1	7.26	3.2	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:26	9.0	Bottom	3	1	17.66	7.94	31.65	92	7.25	3.1	3.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:12:59	9.0	Bottom	3	2	17.69	7.93	31.53	92.1	7.26	3.3	2.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR3	12:28:10	0.6	Middle	2	1	18.96	7.56	29.04	94	7.35	17.7	6.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR3	12:28:34	0.6	Middle	2	2	18.96	7.57	29.04	93.9	7.33	17.9	7.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:20	1.0	Surface	1	1	18.57	7.62	29.54	93.4	7.33	10.6	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:56	1.0	Surface	1	2	18.57	7.63	29.55	93.3	7.32	10.8	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:36	2.5	Bottom	3	1	18.57	7.62	29.56	93.3	7.32	11.3	4.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:01	2.5	Bottom	3	2	18.57	7.62	29.54	93.4	7.33	11.4	5.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:36	1.0	Surface	1	1	17.88	7.93	29.74	92.4	7.33	2.9	3.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:07	1.0	Surface	1	2	18	7.92	29.74	92.9	7.36	2.6	3.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:20	4.0	Bottom	3	1	17.77	7.92	31.21	92.4	7.29	3.2	3.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:04:45	4.0	Bottom	3	2	17.75	7.93	31.24	92.5	7.3	3.4	3.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:30:19	1.0	Surface	1	1	18.41	7.6	30.62	91.1	7.13	4.7	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:31:23	1.0	Surface	1	2	18.41	7.61	30.64	91.1	7.12	4.7	2.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:29:58	3.2	Middle	2	1	18.34	7.6	30.64	91.1	7.13	4.5	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:31:04	3.2	Middle	2	2	18.34	7.61	30.65	90.9	7.11	4.7	2.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:30:43	5.4	Bottom	3	1	18.32	7.61	30.67	91	7.12	4.6	2.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:29:36	5.4	Bottom	3	2	18.3	7.6	30.63	91.3	7.14	4.6	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:04	1.0	Surface	1	1	18.36	7.62	30.79	92.1	7.2	4.7	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:40	1.0	Surface	1	2	18.34	7.62	30.83	92.7	7.25	4.6	2.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:24	4.1	Bottom	3	1	18.34	7.62	30.84	92.9	7.26	4.9	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:40:46	4.1	Bottom	3	2	18.35	7.62	30.81	92.5	7.23	4.9	2.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:57	1.0	Surface	1	1	17.63	7.95	31.83	91.6	7.22	3.3	4.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:16	1.0	Surface	1	2	17.63	7.97	31.9	92.7	7.3	3.4	4.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:03	3.6	Middle	2	1	17.55	7.98	32.13	92.9	7.31	4.7	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:43	3.6	Middle	2	2	17.55	7.95	32.1	91.5	7.21	4.2	4.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:34	6.2	Bottom	3	1	17.5	7.95	32.34	91.8	7.23	5.5	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:53:52	6.2	Bottom	3	2	17.5	7.99	32.48	94	7.4	5.3	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:57	1.0	Surface	1	1	18.46	7.63	30.13	92.8	7.28	7.2	2.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:07:03	1.0	Surface	1	2	18.45	7.63	30.14	92.6	7.26	7.1	3.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:06:43	6.7	Middle	2	1	18.35	7.63	30.55	91.8	7.19	7.9	3.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:33	6.7	Middle	2	2	18.35	7.62	30.52	91.7	7.19	7.7	4.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:06:22	12.4	Bottom	3	1	18.32	7.62	30.62	92.3	7.23	8.2	3.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:13	12.4	Bottom	3	2	18.33	7.61	30.61	92.3	7.23	8.1	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:18:37	1.0	Surface	1	1	18.91	7.65	28.96	93	7.28	13.4	7.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:26	1.0	Surface	1	2	18.91	7.64	28.92	92.6	7.25	13.8	7.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:18:15	4.3	Middle	2	1	18.93	7.65	29.05	92.9	7.26	11.3	7.3
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:04	4.3	Middle	2	2	18.93	7.64	29.04	92.9	7.26	11.1	8.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:16:47	7.6	Bottom	3	1	18.94	7.64	29.06	92.8	7.26	12.3	9.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:50	7.6	Bottom	3	2	18.95	7.64	29.05	92.7	7.25	12.3	8.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:11	1.0	Surface	1	1	18.84	7.62	28.85	93.8	7.35	16.4	9.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:47	1.0	Surface	1	2	18.86	7.63	28.87	94.1	7.38	16.2	9.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:30	2.3	Bottom	3	1	18.86	7.62	28.89	94.1	7.37	16.9	10.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:07:54	2.3	Bottom	3	2	18.85	7.62	28.87	93.9	7.36	16.6	9.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:16	1.0	Surface	1	1	18.78	7.63	29.16	93.2	7.3	16.9	5.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:53	1.0	Surface	1	2	18.78	7.63	29.16	92.9	7.28	16.6	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	07:59:59	2.4	Bottom	3	1	18.78	7.63	29.16	93.3	7.31	16.9	5.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:36	2.4	Bottom	3	2	18.78	7.63	29.17	93.3	7.31	16.8	5.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:35:17	1.0	Surface	1	1	18.5	7.62	29.4	91.8	7.22	10.4	5.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:31	1.0	Surface	1	2	18.51	7.62	29.43	91.7	7.22	10.6	6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:55	2.8	Bottom	3	1	18.46	7.62	29.57	91.2	7.17	9.7	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:11	2.8	Bottom	3	2	18.5	7.61	29.54	91.3	7.18	9.9	5.8

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

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

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

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:41:16	6.2	Middle	2	2	18.73	7.39	29.91	89.3	6.97	6.5	3.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:41:05	11.3	Bottom	3	1	18.67	7.36	30.4	89.4	6.96	6.5	3.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:40:24	11.3	Bottom	3	2	18.71	7.33	30.22	89.9	7.01	6.5	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:48	1.0	Surface	1	1	18.87	7.53	31.39	92.3	7.12	18.3	8.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:18	1.0	Surface	1	2	18.87	7.53	31.39	92.2	7.12	18.3	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:40	4.4	Middle	2	1	18.88	7.54	31.41	91.7	7.08	17.9	9.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:09	4.4	Middle	2	2	18.88	7.54	31.43	91.5	7.06	18.2	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:00	7.7	Bottom	3	1	18.88	7.52	31.43	92.1	7.11	18.1	9.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:31	7.7	Bottom	3	2	18.88	7.52	31.42	91.9	7.09	18.5	10.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:20	1.0	Surface	1	1	18.83	7.52	31.08	92.8	7.18	14.1	7.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:34	1.0	Surface	1	2	18.83	7.53	31.08	92.6	7.16	13.9	8.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:27	2.2	Bottom	3	1	18.83	7.53	31.08	92.3	7.14	13.9	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:12	2.2	Bottom	3	2	18.83	7.52	31.08	93.3	7.22	14.2	7.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:55	1.0	Surface	1	1	18.87	7.59	31.04	95	7.34	11.3	6.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:40	1.0	Surface	1	2	18.87	7.58	31.03	94.8	7.33	11.3	6.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:33	2.2	Bottom	3	1	18.87	7.58	31.04	94.8	7.33	11.7	5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:46	2.2	Bottom	3	2	18.87	7.58	31.04	94.6	7.32	11.3	6.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:51	1.0	Surface	1	1	18.76	7.5	30.81	91.5	7.1	11	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:40:03	1.0	Surface	1	2	18.76	7.48	30.81	91.5	7.1	11	6.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:44	2.8	Bottom	3	1	18.76	7.47	30.81	91	7.06	11.2	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:56	2.8	Bottom	3	2	18.76	7.48	30.82	91.2	7.07	11.3	6.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:48	1.0	Surface	1	1	18.71	7.57	30.85	94.7	7.36	16	7.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:26:06	1.0	Surface	1	2	18.71	7.58	30.85	94.5	7.34	16.4	7.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:39	2.7	Bottom	3	1	18.71	7.56	30.85	94.8	7.36	16.7	7.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:57	2.7	Bottom	3	2	18.71	7.57	30.85	94.4	7.33	16.1	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:38	1.0	Surface	1	1	17.9	7.88	30.48	89.8	7.1	3	4.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:58	1.0	Surface	1	2	17.91	7.88	30.49	90.1	7.12	3.1	3.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:42	5.0	Middle	2	1	17.88	7.87	31.36	90.1	7.09	4.5	3.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:22	5.0	Middle	2	2	17.88	7.87	31.34	89.8	7.06	4.4	4.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:31	9.0	Bottom	3	1	17.88	7.88	31.36	90.8	7.14	4.4	5.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:13	9.0	Bottom	3	2	17.88	7.87	31.32	90.2	7.1	4.2	5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR3	14:51:51	0.7	Middle	2	1	18.86	7.54	31.38	93.4	7.21	16.2	8.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR3	14:52:21	0.7	Middle	2	2	18.86	7.53	31.39	92.9	7.17	16.4	8.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:25	1.0	Surface	1	1	18.76	7.57	30.82	91.5	7.1	11.8	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:46	1.0	Surface	1	2	18.76	7.52	30.82	91.7	7.12	11.6	6.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:34	2.7	Bottom	3	1	18.76	7.58	30.83	91.7	7.11	12	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:18	2.7	Bottom	3	2	18.76	7.57	30.83	92.3	7.16	11.8	6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:50	1.0	Surface	1	1	17.89	7.87	30.83	90.4	7.13	3.3	2.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:37	1.0	Surface	1	2	17.9	7.87	30.77	90.4	7.13	3.1	3.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:28	4.2	Bottom	3	1	17.88	7.86	31.31	91	7.16	3.6	4.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:44	4.2	Bottom	3	2	17.9	7.87	31.07	90.8	7.15	3.2	3.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:31	1.0	Surface	1	1	18.71	7.51	31.65	90	6.96	2.6	1.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:10	1.0	Surface	1	2	18.7	7.49	31.68	90.5	7	2.6	1.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:24	3.2	Middle	2	1	18.71	7.5	31.67	90.3	6.98	2.7	1.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:03	3.2	Middle	2	2	18.69	7.48	31.79	90.2	6.97	2.6	1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:18	5.4	Bottom	3	1	18.71	7.49	31.68	90.6	7	2.6	1.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:45:56	5.4	Bottom	3	2	18.7	7.47	31.74	90.3	6.97	2.7	1.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:41	1.0	Surface	1	1	18.7	7.55	31.68	90.1	6.96	2.5	1.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:58	1.0	Surface	1	2	18.69	7.56	31.73	90.4	6.98	2.7	1.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:51	4.1	Bottom	3	1	18.69	7.56	31.78	90.3	6.97	2.6	1.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:32	4.1	Bottom	3	2	18.7	7.55	31.74	90.3	6.98	2.5	1.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:29	1.0	Surface	1	1	17.9	7.88	30.95	90	7.09	4.2	2.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:58	1.0	Surface	1	2	17.91	7.89	31.07	90.8	7.15	4.2	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:50	3.9	Middle	2	1	17.89	7.89	31.49	91.1	7.16	5.6	3.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:19	3.9	Middle	2	2	17.89	7.88	31.48	89.9	7.07	5.2	4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:13	6.7	Bottom	3	1	17.89	7.88	31.51	90.5	7.11	6.6	3.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:41	6.7	Bottom	3	2	17.88	7.89	31.59	93	7.3	6.3	3.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:21:00	1.0	Surface	1	1	18.77	7.4	30.99	91	7.05	7.1	4.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:24	1.0	Surface	1	2	18.76	7.46	30.97	90.5	7.02	7.1	4.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:49	6.3	Middle	2	1	18.73	7.42	31.28	90	6.96	7.4	5.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:12	6.3	Middle	2	2	18.72	7.53	31.41	90	6.96	7.2	4.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:38	11.5	Bottom	3	1	18.72	7.39	31.6	90.4	6.99	7.6	4.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:03	11.5	Bottom	3	2	18.73	7.49	31.52	90.7	7.01	7.7	3.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:33:10	1.0	Surface	1	1	18.81	7.43	30.14	92.4	7.19	14.2	8.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:42	1.0	Surface	1	2	18.82	7.42	30.15	92	7.16	14.6	8.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:35	4.5	Middle	2	1	18.87	7.42	30.19	92.2	7.17	14.6	8.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:33:02	4.5	Middle	2	2	18.84	7.42	30.18	92.3	7.18	14.5	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:27	7.9	Bottom	3	1	18.83	7.41	30.22	93	7.23	14.9	9.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:51	7.9	Bottom	3	2	18.83	7.4	30.19	92.5	7.2	14.2	9.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:28	1.0	Surface	1	1	18.78	7.43	30.12	93.6	7.29	23	14
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:43	1.0	Surface	1	2	18.77	7.45	30.11	93.2	7.26	22.3	14.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:34	2.1	Bottom	3	1	18.77	7.44	30.12	93.5	7.28	22.4	13.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:22	2.1	Bottom	3	2	18.79	7.42	30.13	94.2	7.33	22.8	14.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:53	1.0	Surface	1	1	18.9	7.44	30.22	92.9	7.21	22.9	14.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:41	1.0	Surface	1	2	18.89	7.43	30.22	93.8	7.29	22.8	15
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:46	2.1	Bottom	3	1	18.89	7.43	30.22	93.8	7.28	22.3	14.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:34	2.1	Bottom	3	2	18.89	7.42	30.22	94.4	7.33	23	14.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:56:26	1.0	Surface	1	1	18.72	7.38	30.11	91.5	7.14	9.2	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:55:52	1.0	Surface	1	2	18.74	7.43	30.13	94.5	7.37	9.5	9.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:56:09	3.0	Bottom	3	1	18.75	7.41	30.15	91.7	7.15	9.5	12.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:55:40	3.0	Bottom	3	2	18.71	7.4	30.12	98.4	7.68	9.2	10.3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:16	1.0	Surface	1	1	18.8	7.45	30.07	93.6	7.29	16.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:39	1.0	Surface	1	2	18.82	7.47	30.06	92.3	7.19	17.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:07	2.7	Bottom	3	1	18.81	7.44	30.07	92.8	7.23	17	10.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:25	2.7	Bottom	3	2	18.82	7.45	30.08	92.8	7.22	17.2	11.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:26	1.0	Surface	1	1	17.83	7.86	31.38	89.3	7.03	6.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:31	1.0	Surface	1	2	17.84	7.85	31.47	89.5	7.04	6.2	9.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:09	5.1	Middle	2	1	17.85	7.86	31.61	89.3	7.02	6.1	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:16	5.1	Middle	2	2	17.85	7.86	31.61	89.8	7.05	6.6	10.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:01	9.2	Bottom	3	1	17.85	7.86	31.62	90.2	7.09	5.1	10.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:02	9.2	Bottom	3	2	17.85	7.86	31.66	89.6	7.04	5.5	11.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR3	10:40:53	0.7	Middle	2	1	18.78	7.49	30.14	92.6	7.21	13.5	10.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR3	10:40:59	0.7	Middle	2	2	18.8	7.5	30.14	92.7	7.21	13.1	9.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:00:56	1.0	Surface	1	1	18.71	7.47	30.07	90.1	7.03	14.3	10
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:01:12	1.0	Surface	1	2	18.71	7.48	30.06	90.8	7.08	14.1	10.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:00:39	2.6	Bottom	3	1	18.71	7.46	30.08	90.5	7.06	13.9	11.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:01:02	2.6	Bottom	3	2	18.71	7.47	30.07	90	7.02	13.9	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:38	1.0	Surface	1	1	17.82	7.86	31.38	89.5	7.04	7.8	9.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:14:02	1.0	Surface	1	2	17.84	7.86	31.43	89.4	7.03	7.3	9.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:51	4.0	Bottom	3	1	17.85	7.86	31.59	89.7	7.05	7.2	8.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:16	4.0	Bottom	3	2	17.84	7.86	31.53	89.2	7.01	7.3	8.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:18	1.0	Surface	1	1	18.68	7.36	30.02	88.5	6.91	5.3	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:49	1.0	Surface	1	2	18.68	7.33	29.89	88.6	6.93	5.3	4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:39	3.3	Middle	2	1	18.68	7.31	29.87	88.1	6.88	5.2	3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:08	3.3	Middle	2	2	18.68	7.34	30.05	88.1	6.88	5.4	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:31	5.6	Bottom	3	1	18.68	7.29	29.84	88.8	6.94	5.4	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:01	5.6	Bottom	3	2	18.68	7.32	30.05	88.5	6.91	5.5	3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:38	1.0	Surface	1	1	18.68	7.27	28.2	88.9	7.02	6.3	3.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:53	1.0	Surface	1	2	18.68	7.22	28.63	89	7.01	6.5	5.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:46	3.8	Bottom	3	1	18.68	7.27	28.47	89.1	7.02	6.4	5.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:30	3.8	Bottom	3	2	18.68	7.26	27.9	89.5	7.08	6.4	6.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:03	1.0	Surface	1	1	17.95	7.86	30.89	89.5	7.05	5.6	6.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:41	1.0	Surface	1	2	17.97	7.86	30.87	89.6	7.05	6.1	7.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:30	3.8	Middle	2	1	17.98	7.86	30.93	89.3	7.03	11.3	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:33:46	3.8	Middle	2	2	17.96	7.86	30.91	89.4	7.04	11.2	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:33:33	6.5	Bottom	3	1	17.97	7.86	30.96	89.4	7.03	9.3	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:20	6.5	Bottom	3	2	17.98	7.86	30.99	89.5	7.04	9.1	7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:21:07	1.0	Surface	1	1	18.75	7.46	30.05	90.1	7.02	7.8	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:27	1.0	Surface	1	2	18.77	7.45	30.08	89.7	6.99	8.1	5.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:54	6.4	Middle	2	1	18.77	7.45	30.33	89.3	6.95	8.2	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:19	6.4	Middle	2	2	18.78	7.44	30.28	89.6	6.97	8.3	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:07	11.7	Bottom	3	1	18.76	7.42	30.43	90.1	7.01	9.1	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:43	11.7	Bottom	3	2	18.76	7.43	30.48	89.8	6.98	9.3	5.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:58	1.0	Surface	1	1	18.5	7.43	32.27	91	7.03	16.3	6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:27	1.0	Surface	1	2	18.5	7.43	32.26	91	7.04	16.6	6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:49	4.0	Middle	2	1	18.49	7.44	32.27	90.8	7.02	16.4	7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:18	4.0	Middle	2	2	18.49	7.43	32.26	91.1	7.04	16.5	7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:11	7.0	Bottom	3	1	18.49	7.41	32.28	90.8	7.02	16.8	6.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:39	7.0	Bottom	3	2	18.49	7.41	32.29	91.6	7.08	16.9	6.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:21	1.0	Surface	1	1	18.41	7.47	31.69	92.8	7.21	15.4	8.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:47	1.0	Surface	1	2	18.4	7.43	31.68	92.8	7.21	15.3	7.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:11	2.1	Bottom	3	1	18.4	7.47	31.69	93.6	7.27	15.7	6.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:34	2.1	Bottom	3	2	18.38	7.4	31.65	93.2	7.25	15.5	6.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:20	1.0	Surface	1	1	18.42	7.49	31.54	93.5	7.27	14	6.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:33	1.0	Surface	1	2	18.42	7.5	31.54	93.3	7.25	14.2	7.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:26	2.2	Bottom	3	1	18.42	7.49	31.53	93.2	7.25	14.3	7.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:14	2.2	Bottom	3	2	18.42	7.48	31.53	94.4	7.34	14.1	8.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:51	1.0	Surface	1	1	18.51	7.51	31.21	92	7.16	21.4	10.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:34:05	1.0	Surface	1	2	18.52	7.51	31.2	92.2	7.17	22.1	10.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:56	3.0	Bottom	3	1	18.52	7.5	31.2	92.6	7.21	22.4	11.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:42	3.0	Bottom	3	2	18.5	7.5	31.21	92.5	7.19	21.5	10.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:09	1.0	Surface	1	1	18.45	7.46	31.34	93	7.24	16.4	8.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:29	1.0	Surface	1	2	18.45	7.47	31.35	92.7	7.21	16.6	8.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:17:58	2.7	Bottom	3	1	18.45	7.43	31.34	92.7	7.21	16.5	8.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:20	2.7	Bottom	3	2	18.44	7.46	31.36	93.1	7.24	16.3	8.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:57	1.0	Surface	1	1	17.67	7.89	31.51	88.8	7.01	3.6	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:28	1.0	Surface	1	2	17.67	7.89	31.49	89.3	7.05	3.6	3.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:38	5.2	Middle	2	1	17.67	7.89	31.65	88.3	6.96	4.6	2.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:16	5.2	Middle	2	2	17.67	7.89	31.63	89.1	7.02	4.4	4.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:31	9.3	Bottom	3	1	17.68	7.89	31.71	88.5	6.98	4.3	5.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:09	9.3	Bottom	3	2	17.68	7.89	31.73	89.1	7.02	4.1	5.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR3	16:46:50	0.7	Middle	2	1	18.49	7.44	32.25	92	7.11	15.3	6.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR3	16:46:39	0.7	Middle	2	2	18.49	7.42	32.25	92.7	7.16	15.7	6.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:14	1.0	Surface	1	1	18.51	7.48	31.22	92.9	7.22	21.6	11.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:28	1.0	Surface	1	2	18.52	7.49	31.21	92.6	7.2	21.7	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:20	2.6	Bottom	3	1	18.52	7.48	31.21	92.4	7.19	21.3	9.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:08	2.6	Bottom	3	2	18.52	7.48	31.2	93.8	7.29	21.3	10.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:53:04	1.0	Surface	1	1	17.67	7.89	31.54	89.1	7.03	3.6	5.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:52:46	1.0	Surface	1	2	17.67	7.89	31.53	89.3	7.05	3.6	5.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:52:55	4.2	Bottom	3	1	17.67	7.89	31.54	89	7.02	3.7	5.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:52:35	4.2	Bottom	3	2	17.67	7.89	31.54	89.1	7.03	3.6	5.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:35	1.0	Surface	1	1	18.55	7.49	32.25	89	6.88	4.1	1.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:10	1.0	Surface	1	2	18.55	7.49	32.25	88.7	6.85	4.2	2.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:28	3.2	Middle	2	1	18.55	7.5	32.26	88.9	6.86	4.4	1.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:01	3.2	Middle	2	2	18.55	7.48	32.25	89.2	6.89	4.6	2.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:21	5.3	Bottom	3	1	18.55	7.48	32.26	88.5	6.83	4.3	1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:51:56	5.3	Bottom	3	2	18.55	7.47	32.26	89.5	6.91	4.5	1.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:32	1.0	Surface	1	1	18.55	7.51	32.24	89	6.88	1.2	1.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:47	1.0	Surface	1	2	18.55	7.5	32.24	88.8	6.86	1.2	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:25	4.0	Bottom	3	1	18.55	7.51	32.25	88.8	6.86	1.2	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:37	4.0	Bottom	3	2	18.55	7.5	32.25	89.1	6.88	1.3	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:59	1.0	Surface	1	1	17.67	7.95	31.67	90.6	7.14	2.8	3.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:48	1.0	Surface	1	2	17.67	7.92	31.58	90.1	7.11	3	4.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:47	3.9	Middle	2	1	17.67	7.96	31.74	90.6	7.14	2.9	3.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:31	3.9	Middle	2	2	17.67	7.93	31.65	90	7.09	3.2	3.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:15	6.7	Bottom	3	1	17.67	7.94	32.12	91.5	7.19	3.4	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:20	6.7	Bottom	3	2	17.67	7.94	31.96	89.7	7.06	3.4	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:10	1.0	Surface	1	1	18.57	7.44	31.45	89.4	6.94	5.5	3.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:50	1.0	Surface	1	2	18.57	7.46	31.44	90.8	7.04	5.4	3.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:28:58	6.1	Middle	2	1	18.56	7.46	32.08	88.3	6.82	5.3	3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:34	6.1	Middle	2	2	18.58	7.45	31.69	88.7	6.87	5.5	2.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:22	11.1	Bottom	3	1	18.58	7.4	31.97	89.6	6.93	5.6	4.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:28:50	11.1	Bottom	3	2	18.55	7.42	32.28	89.7	6.92	5.5	3.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:18	1.0	Surface	1	1	18.21	7.42	30.36	90	7.07	20.8	13.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:46	1.0	Surface	1	2	18.22	7.42	30.37	90.2	7.09	20.6	12.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:09	4.5	Middle	2	1	18.23	7.41	30.39	90.2	7.09	20.6	13.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:35	4.5	Middle	2	2	18.24	7.41	30.4	89.8	7.05	20.4	11.8
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:01	7.9	Bottom	3	1	18.22	7.4	30.39	90.9	7.14	20.8	13.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:27	7.9	Bottom	3	2	18.23	7.39	30.42	90.2	7.09	20.1	12
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:10	1.0	Surface	1	1	18.26	7.52	30.42	91	7.14	16.5	10.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:40	1.0	Surface	1	2	18.26	7.53	30.43	90.9	7.14	17	9.8
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:29	2.3	Bottom	3	1	18.26	7.53	30.44	90.9	7.13	16.3	11.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:31:59	2.3	Bottom	3	2	18.25	7.52	30.42	90.4	7.1	16.9	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:23:57	1.0	Surface	1	1	18.21	7.53	30.31	91.4	7.19	21.6	9.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:24:11	1.0	Surface	1	2	18.22	7.52	30.3	91.3	7.18	21.7	9.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:24:02	2.3	Bottom	3	1	18.21	7.53	30.31	90.9	7.15	21.2	12.5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:23:49	2.3	Bottom	3	2	18.22	7.53	30.3	92	7.23	21.2	12.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:46	1.0	Surface	1	1	18.51	7.5	30.12	90.1	7.06	11.3	5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:33	1.0	Surface	1	2	18.51	7.5	30.12	90.5	7.09	11.2	4.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:26	3.1	Bottom	3	1	18.51	7.49	30.13	90.6	7.09	11.1	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:40	3.1	Bottom	3	2	18.51	7.5	30.13	89.8	7.03	11.2	5.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:16:50	1.0	Surface	1	1	18.28	7.52	30.23	90.9	7.14	13.3	9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:17:16	1.0	Surface	1	2	18.27	7.54	30.24	91	7.15	13.6	7.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:16:38	2.7	Bottom	3	1	18.27	7.51	30.23	91.2	7.16	13.7	5.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:17:09	2.7	Bottom	3	2	18.27	7.52	30.24	91	7.15	13.5	5.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:43	1.0	Surface	1	1	17.61	7.87	31.59	88.1	6.95	10	10.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:09	1.0	Surface	1	2	17.6	7.86	31.57	88.4	6.98	9.4	9.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:33	5.3	Middle	2	1	17.63	7.87	31.78	88	6.94	10.7	12.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:11:57	5.3	Middle	2	2	17.63	7.86	31.79	88.8	7	9.7	10.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:11:46	9.6	Bottom	3	1	17.62	7.86	31.75	89.2	7.03	9.4	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:26	9.6	Bottom	3	2	17.63	7.86	31.78	88.5	6.97	10.8	10.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR3	11:46:34	0.7	Middle	2	1	18.21	7.49	30.36	90.8	7.14	20.8	12.1

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

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

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

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

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:51	1.0	Surface	1	2	21.16	7.42	30.33	95.7	7.12	8.1	10.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:15	4.3	Middle	2	1	21.2	7.44	30.38	95.4	7.1	8.7	10.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:42	4.3	Middle	2	2	21.2	7.43	30.38	95.5	7.1	8.4	10.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:32	7.6	Bottom	3	1	21.19	7.42	30.4	95.3	7.09	8.6	10
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:07	7.6	Bottom	3	2	21.21	7.43	30.41	95.5	7.1	8.6	8.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:13	1.0	Surface	1	1	21.29	7.44	30.04	98	7.29	11.1	9.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:33	1.0	Surface	1	2	21.28	7.45	30.03	97.9	7.28	11.2	10.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:23	2.1	Bottom	3	1	21.3	7.45	30.1	98	7.28	11.4	12.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:04	2.1	Bottom	3	2	21.29	7.44	30.09	98.6	7.34	11.4	13.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:15:10	1.0	Surface	1	1	21.4	7.52	29.94	99.3	7.38	11.5	4.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:14:58	1.0	Surface	1	2	21.4	7.51	29.94	99.5	7.39	11.5	6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:15:04	2.3	Bottom	3	1	21.4	7.52	29.96	99	7.35	11.6	5.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:14:49	2.3	Bottom	3	2	21.39	7.51	29.97	99.8	7.41	11.8	6.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:52	1.0	Surface	1	1	20.33	7.47	29.82	92.5	7.01	14.3	12.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:37	1.0	Surface	1	2	20.3	7.47	29.87	92.3	7	14.2	13.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:41	3.1	Bottom	3	1	20.31	7.47	29.86	92.1	6.98	14.2	13
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:31	3.1	Bottom	3	2	20.29	7.47	29.87	92.5	7.01	14.7	14.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:24	1.0	Surface	1	1	21.26	7.46	30.22	96.5	7.17	7.2	7.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:07	1.0	Surface	1	2	21.26	7.45	30.27	96.1	7.14	7.3	8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:13	2.8	Bottom	3	1	21.26	7.45	30.3	96.6	7.18	7.3	8.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:00	2.8	Bottom	3	2	21.26	7.44	30.37	96.6	7.18	7.2	8.3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:45	1.0	Surface	1	1	19.65	7.85	27.64	93.9	7.3	3	3.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:20	1.0	Surface	1	2	19.65	7.85	27.65	93.7	7.29	2.7	4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:13	5.6	Middle	2	1	19.39	7.85	28.4	93.5	7.27	3.2	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:38	5.6	Middle	2	2	19.43	7.85	28.38	93.7	7.28	3	3.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:31	10.1	Bottom	3	1	19.41	7.84	28.89	93.8	7.27	3.2	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:05	10.1	Bottom	3	2	19.25	7.85	29.14	93.4	7.25	3.3	4.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR3	15:46:35	0.7	Middle	2	1	21.17	7.47	30.42	96.2	7.16	8.8	11
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR3	15:46:29	0.7	Middle	2	2	21.17	7.47	30.45	96.4	7.17	8.8	11.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:29	1.0	Surface	1	1	20.27	7.46	29.88	92.1	6.99	12.4	12.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:14	1.0	Surface	1	2	20.26	7.46	29.91	92.5	7.01	12.2	14
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:06	2.7	Bottom	3	1	20.26	7.45	29.93	92.5	7.02	12.3	15.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:20	2.7	Bottom	3	2	20.27	7.45	29.9	92.4	7.01	12.5	14.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:28	1.0	Surface	1	1	19.62	7.86	27.52	93.9	7.31	2.5	3.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:07	1.0	Surface	1	2	19.53	7.86	27.6	93.6	7.29	2.4	4.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:17	4.0	Bottom	3	1	19.36	7.86	28.87	93.6	7.27	2.9	3.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:51:58	4.0	Bottom	3	2	19.42	7.86	28.76	93.7	7.27	2.7	5.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:42	1.0	Surface	1	1	19.58	7.38	30.93	90.6	6.92	2.2	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:22	1.0	Surface	1	2	19.74	7.39	30.66	91.2	6.96	2.1	3.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:37	3.3	Middle	2	1	19.55	7.38	31.01	90.6	6.92	2.1	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:07	3.3	Middle	2	2	19.56	7.37	31.01	90.7	6.92	2.2	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:31	5.6	Bottom	3	1	19.59	7.37	30.96	90.8	6.93	2.1	2.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:51:55	5.6	Bottom	3	2	19.57	7.34	31	90.5	6.91	2.1	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:52	1.0	Surface	1	1	19.73	7.41	30.55	91.5	6.98	2.2	2.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:01:09	1.0	Surface	1	2	19.81	7.42	30.4	91.6	6.99	2.1	3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:43	4.6	Bottom	3	1	19.69	7.4	30.76	91.1	6.95	2.1	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:58	4.6	Bottom	3	2	19.76	7.4	30.68	91.2	6.96	2	2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:43	1.0	Surface	1	1	19.95	7.89	27.1	92.8	7.2	3.1	4.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:21	1.0	Surface	1	2	19.89	7.87	27.07	93.5	7.26	3	4.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:33	4.0	Middle	2	1	19.81	7.91	27.21	91.7	7.13	3.1	4.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:10	4.0	Middle	2	2	19.57	7.87	27.39	92.5	7.21	3.5	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:01	7.0	Bottom	3	1	19.25	7.87	29.1	92.8	7.2	3.5	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:14	7.0	Bottom	3	2	19.23	7.96	29.27	90.8	7.05	3.4	3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:19:04	1.0	Surface	1	1	20.15	7.41	29.28	92.1	7.02	3.2	4.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:30	1.0	Surface	1	2	20.35	7.41	29.02	93.4	7.11	3.2	5.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:17	6.3	Middle	2	1	19.75	7.41	30.19	91	6.96	3.3	4.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:56	6.3	Middle	2	2	19.77	7.42	30.12	90.8	6.94	3.3	4.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:07	11.5	Bottom	3	1	19.76	7.37	30.46	91.7	7	3.3	4.3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:45	11.5	Bottom	3	2	19.66	7.39	30.63	91	6.95	3.4	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:03	1.0	Surface	1	1	20.81	7.84	25.9	99.5	7.61	11.8	12
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:53	1.0	Surface	1	2	20.92	7.85	25.87	92.8	7.12	11.4	11.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:47:53	5.3	Middle	2	1	20.62	7.83	26.86	99	7.59	12.4	10.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:29	5.3	Middle	2	2	20.63	7.84	26.82	93.5	7.18	12.2	12.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:47:43	9.5	Bottom	3	1	20.59	7.83	27.08	91.7	7.03	12.6	12.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:17	9.5	Bottom	3	2	20.59	7.84	27.08	88.9	6.82	12.5	11.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:21	1.0	Surface	1	1	20.77	7.8	25.83	98.6	7.57	12.1	6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:57	1.0	Surface	1	2	20.77	7.81	25.9	92.7	7.13	11.8	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:49	3.9	Bottom	3	1	20.66	7.81	26.55	93.2	7.15	11.9	5.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:09	3.9	Bottom	3	2	20.67	7.8	26.58	92.6	7.13	12.2	5.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:41	1.0	Surface	1	1	20.71	7.77	26.17	96.4	7.41	8.8	3.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:03	1.0	Surface	1	2	20.7	7.76	26.19	98.8	7.59	9	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:30:53	3.9	Bottom	3	1	20.44	7.76	26.99	98.3	7.56	10.6	3.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:32	3.9	Bottom	3	2	20.46	7.77	26.94	96.9	7.45	10.1	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	11:31:22	1.0	Surface	1	1	20.44	7.76	27.29	96.9	7.44	10.4	5.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	11:30:39	1.0	Surface	1	2	20.46	7.75	27.12	97.4	7.48	10.3	4.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	07:07:21	1.0	Bottom	3	1	20.8	7.72	25.92	99.9	7.68	11.3	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	07:07:59	1.0	Bottom	3	2	20.83	7.74	25.9	103.1	7.92	11.6	6.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:06	1.0	Surface	1	1	20.57	7.71	27.04	94.5	7.24	12.1	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:44	1.0	Surface	1	2	20.58	7.73	26.94	99.4	7.63	12.2	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:34	9.7	Bottom	3	1	20.57	7.72	27.16	100.3	7.69	12.2	4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:06:58	9.7	Bottom	3	2	20.55	7.71	27.28	93.5	7.17	12.7	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:27	1.0	Surface	1	1	20.74	7.77	25.91	104.1	8	10.7	7.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:12	1.0	Surface	1	2	20.68	7.76	25.96	99.1	7.61	11.1	7.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:19	1.1	Middle	2	1	20.71	7.77	26.31	99.1	7.63	10.6	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:05	1.1	Middle	2	2	20.74	7.76	26.28	97.4	7.5	10.6	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	08:22:17	1.1	Bottom	3	1	20.55	7.75	26.28	98.9	7.63	9.1	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	08:21:38	1.1	Bottom	3	2	20.48	7.73	26.42	98.5	7.59	9	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR3	08:21:28	4.2	Middle	2	1	20.42	7.73	27.03	98.5	7.58	9.9	11
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR3	08:22:06	4.2	Middle	2	2	20.44	7.74	27.02	99.3	7.63	9.9	10.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	08:21:55	1.0	Surface	1	1	20.42	7.74	27.32	100.7	7.73	9.9	5.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	08:21:15	1.0	Surface	1	2	20.4	7.72	27.34	98.1	7.55	9.8	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	11:52:50	1.0	Bottom	3	1	20.25	7.88	30.29	90.8	6.87	10.3	5.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	11:52:12	1.0	Bottom	3	2	20.24	7.88	30.31	90.9	6.88	10.3	5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:00	1.0	Surface	1	1	20.17	7.88	30.3	90.5	6.86	10.8	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:34	1.0	Surface	1	2	20.12	7.88	30.3	90.6	6.87	10	7.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:51:53	7.6	Bottom	3	1	20.17	7.88	30.29	90.5	6.86	10.3	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:26	7.6	Bottom	3	2	20.13	7.88	30.29	90.5	6.86	10.6	6.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:02:10	1.0	Surface	1	1	20.9	7.89	30.2	92.1	6.89	6.6	3.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:01:55	1.0	Surface	1	2	20.96	7.89	30.23	92.4	6.91	6.3	3.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:01:46	1.0	Middle	2	1	20.68	7.9	30.2	91.7	6.89	6.8	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:02:01	1.0	Middle	2	2	20.77	7.89	30.18	91.7	6.88	7	3.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:08:47	1.0	Bottom	3	1	21.23	7.88	30.22	94	6.99	2.2	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:09:03	1.0	Bottom	3	2	21.35	7.88	30.2	94.1	6.99	2.2	3.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:08:54	1.0	Surface	1	1	21.19	7.88	30.11	93.9	6.99	2.2	4.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:08:39	1.0	Surface	1	2	21.02	7.88	30.08	93.3	6.97	2.2	4.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:36:41	1.0	Bottom	3	1	20.19	7.86	29.56	90.9	6.91	5.4	3.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:36:28	1.0	Bottom	3	2	20.2	7.86	29.63	90.9	6.91	5.6	4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:36:34	1.0	Surface	1	1	20.22	7.86	29.84	91.1	6.92	6	5.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:36:21	1.0	Surface	1	2	20.23	7.86	29.94	91.2	6.92	6	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:16:13	1.7	Middle	2	1	20.34	7.87	29.71	92.3	7	4.8	5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:15:57	1.7	Middle	2	2	20.34	7.88	29.67	92.6	7.02	5	4.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:16:07	2.3	Bottom	3	1	20.33	7.88	29.77	92.4	7.01	5.1	5.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:15:50	2.3	Bottom	3	2	20.33	7.88	29.8	92.9	7.04	5.4	6.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	11:39:39	1.0	Surface	1	1	20.15	7.93	30.29	91	6.9	6.6	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	11:39:27	1.0	Surface	1	2	20.15	7.94	30.31	91.2	6.91	7.2	3.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:14	1.8	Middle	2	1	20.11	7.88	29.34	92.2	7.04	3.7	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:34	1.8	Middle	2	2	20.12	7.87	29.37	91.6	6.99	3.8	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:26	2.5	Bottom	3	1	20.18	7.87	29.8	92.2	7.01	4	5.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:08	2.5	Bottom	3	2	20.13	7.87	29.55	92.3	7.03	3.6	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:32	1.0	Surface	1	1	19.96	7.88	30.47	91.1	6.93	1.5	7.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:59	1.0	Surface	1	2	19.93	7.88	30.49	91	6.92	1.4	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:50	3.3	Middle	2	1	19.48	7.88	30.81	90.2	6.9	1.3	7.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:24	3.3	Middle	2	2	19.78	7.89	30.6	90.3	6.88	1.4	7.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:15	5.5	Bottom	3	1	19.26	7.89	30.96	89.9	6.9	1.2	6.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:44	5.5	Bottom	3	2	19.3	7.88	30.97	89.8	6.89	1.3	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:27	1.0	Surface	1	1	19.8	7.86	30.59	90.6	6.9	1.7	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:09	1.0	Surface	1	2	19.75	7.87	30.62	90.7	6.91	1.8	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:01	4.4	Bottom	3	1	19.67	7.87	30.7	90.2	6.89	1.7	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:19	4.4	Bottom	3	2	19.48	7.87	30.82	90.1	6.9	1.6	8.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:12	1.0	Surface	1	1	20.01	7.87	29.69	90.6	6.91	3	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:55	1.0	Surface	1	2	20.29	7.87	29.46	91.6	6.97	3	8.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:40	6.6	Bottom	3	1	19.19	7.86	30.7	88.6	6.83	3.5	13.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:02	6.6	Bottom	3	2	19.22	7.86	30.68	89.2	6.87	3.3	14.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	13:17:31	1.0	Surface	1	1	19.21	7.86	30.71	89.3	6.88	3.2	5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	13:16:56	1.0	Surface	1	2	19.38	7.86	30.51	89.6	6.89	3.2	4.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	08:04:01	1.0	Bottom	3	1	20.39	7.85	30.33	90.6	6.84	6	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	08:03:21	1.0	Bottom	3	2	20.39	7.85	30.33	90.6	6.84	6.4	4.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:14	1.0	Surface	1	1	20.38	7.85	30.34	90.4	6.83	6.5	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:52	1.0	Surface	1	2	20.38	7.85	30.34	90.6	6.84	6.6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:09	7.5	Bottom	3	1	20.38	7.85	30.34	90.5	6.83	6.6	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:40	7.5	Bottom	3	2	20.38	7.85	30.34	90.5	6.83	6.4	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:27	1.0	Surface	1	1	20.47	7.86	30.32	90.7	6.84	5.8	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:41	1.0	Surface	1	2	20.48	7.86	30.32	90	6.78	5.4	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:31	1.0	Middle	2	1	20.47	7.86	30.32	90.8	6.84	5.6	6.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:16	1.0	Middle	2	2	20.46	7.86	30.33	90.5	6.82	5.5	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:43:36	1.0	Bottom	3	1	20.4	7.87	30.33	90.7	6.84	5.6	7.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:42:52	1.0	Bottom	3	2	20.39	7.88	30.33	90.6	6.84	6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR3	07:42:45	2.3	Middle	2	1	20.39	7.88	30.34	90.8	6.85	5.7	8.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR3	07:43:27	2.3	Middle	2	2	20.39	7.87	30.34	91	6.87	5.8	7.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:13:10	1.0	Surface	1	1	19.5	7.83	30.16	90.5	6.95	2.3	5.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:12:56	1.0	Surface	1	2	19.61	7.83	30.04	90.8	6.96	2.2	5.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:12:51	2.8	Bottom	3	1	19.58	7.83	30.05	90.6	6.96	2.2	5.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:13:03	2.8	Bottom	3	2	19.48	7.83	30.35	90.4	6.94	2.4	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:31	1.0	Surface	1	1	19.48	7.83	30.19	89.8	6.9	2.6	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:45	1.0	Surface	1	2	19.46	7.83	30.2	90	6.92	2.6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:23	2.4	Bottom	3	1	19.26	7.83	30.7	89.4	6.88	3.1	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:37	2.4	Bottom	3	2	19.36	7.83	30.52	89.5	6.88	2.8	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	08:18:45	1.0	Surface	1	1	20.4	7.85	30.33	90.7	6.85	5	8.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	08:19:01	1.0	Surface	1	2	20.4	7.85	30.33	90.8	6.85	5.1	8.9

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

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

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

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

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

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

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

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

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

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR5	16:11:14	4.3	Bottom	3	2	20.24	7.95	30.85	102.8	7.76	2	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:14	1.0	Surface	1	1	20.9	7.43	32.53	96.3	7.11	2.6	1.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:43	1.0	Surface	1	2	20.94	7.43	32.5	96.9	7.15	2.6	1.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:34	3.4	Middle	2	1	20.87	7.42	32.69	96.4	7.12	3.1	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:07	3.4	Middle	2	2	20.85	7.43	32.69	95.9	7.08	3.1	2.1
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:00	5.7	Bottom	3	1	20.81	7.42	32.74	96.1	7.1	3.1	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:25	5.7	Bottom	3	2	20.9	7.41	32.64	96.8	7.14	3.3	2.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:35	1.0	Surface	1	1	20.91	7.42	32.49	97.4	7.19	2.5	3.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:54	1.0	Surface	1	2	20.94	7.29	32.43	97.6	7.2	2.4	3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:44	4.2	Bottom	3	1	20.9	7.34	32.59	97.4	7.19	2.5	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:27	4.2	Bottom	3	2	20.92	7.35	32.54	97.4	7.19	2.5	4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:55:51	1.0	Surface	1	1	20.94	7.95	29.61	104.7	7.86	3.3	5.2
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:50	1.0	Surface	1	2	20.31	7.98	30.36	97.2	7.34	3.4	4.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:34	4.3	Middle	2	1	19.97	7.94	31.05	96.9	7.34	3.3	4.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:21	4.3	Middle	2	2	19.98	7.98	31.13	95.6	7.24	3.4	4.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:55:15	7.5	Bottom	3	1	20.16	7.96	30.85	99.2	7.5	3.4	4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:53:52	7.5	Bottom	3	2	20	8.01	31.23	96.1	7.27	3.4	3.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:24	1.0	Surface	1	1	21.42	7.44	31.38	101.5	7.47	3.2	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:51	1.0	Surface	1	2	21.53	7.44	31.24	101.6	7.47	3.2	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:15	6.4	Middle	2	1	21.1	7.44	31.87	99.8	7.37	3.2	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:39	6.4	Middle	2	2	21.16	7.45	31.81	98.5	7.27	3.2	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:16	11.8	Bottom	3	1	20.93	7.4	32.17	100	7.39	3.1	3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:05	11.8	Bottom	3	2	21.07	7.42	32.01	100.8	7.44	3.1	4.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:09:29	1.0	Surface	1	1	22.43	8.08	27.48	103.2	7.63	7.3	5.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:10:03	1.0	Surface	1	2	22.42	8.09	27.55	103.6	7.66	6.9	4.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:09:20	4.3	Middle	2	1	22.39	8.04	27.72	102.4	7.57	7.6	4.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:09:47	4.3	Middle	2	2	22.4	8.04	27.7	102.9	7.61	7.1	4.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:09:40	7.6	Bottom	3	1	22.4	8.03	27.69	103.3	7.63	7	4.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS5	13:09:09	7.6	Bottom	3	2	22.39	8.03	27.74	102.9	7.6	7.4	4.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)6	12:56:41	1.0	Surface	1	1	22.83	8.1	28.08	104.5	7.65	7.7	4.4
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)6	12:56:58	1.0	Surface	1	2	22.89	8.1	28.07	104.9	7.67	7.9	4.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)6	12:56:31	2.2	Bottom	3	1	22.82	8.05	28.07	104	7.61	8	4.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)6	12:56:46	2.2	Bottom	3	2	22.81	8.07	28.08	104.4	7.64	7.8	4.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS7	12:44:49	1.0	Surface	1	1	22.51	8.13	27.6	110.3	8.14	5.6	3.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS7	12:45:06	1.0	Surface	1	2	22.53	8.12	27.6	110.4	8.14	5.5	2.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS7	12:44:58	2.4	Bottom	3	1	22.5	8.07	27.65	110.4	8.14	6	2.7
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS7	12:44:42	2.4	Bottom	3	2	22.49	8.03	27.62	110.1	8.13	6.3	3.8
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS8	12:14:56	1.0	Surface	1	1	22.38	8.07	27.65	106	7.84	5.6	5.8
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS8	12:15:11	1.0	Surface	1	2	22.37	8.08	27.61	106.5	7.88	5.3	6.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS8	12:15:03	2.9	Bottom	3	1	22.4	8.02	27.87	106.5	7.86	5.5	3.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS8	12:14:50	2.9	Bottom	3	2	22.4	8.01	27.92	105.8	7.81	6.1	5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)9	12:38:28	1.0	Surface	1	1	22.5	8.09	27.63	108.9	8.04	6.3	2.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)9	12:38:44	1.0	Surface	1	2	22.53	8.1	27.61	109.6	8.08	6	2.8
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)9	12:38:36	2.6	Bottom	3	1	22.48	8.07	27.65	109.2	8.06	7	2.4
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS(Mf)9	12:38:22	2.6	Bottom	3	2	22.5	8.08	27.68	108.4	8	7.3	3.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:50:02	1.0	Surface	1	1	21.42	8.04	26.44	107.9	8.18	3.2	3.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:50:42	1.0	Surface	1	2	21.36	8.03	26.46	110.7	8.36	3.3	3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:50:32	5.3	Middle	2	1	20.75	7.96	28.61	108.3	8.22	3.3	2.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:49:50	5.3	Middle	2	2	20.73	7.96	28.67	104.4	7.9	3.2	2.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:49:39	9.6	Bottom	3	1	20.69	7.95	29.1	102.3	7.75	3.3	2.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	IS10	11:50:15	9.6	Bottom	3	2	20.85	7.99	28.84	104.7	7.93	3.5	3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR3	13:20:47	0.8	Middle	2	1	22.48	8.09	27.4	105.7	7.81	6.7	4
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR3	13:21:02	0.8	Middle	2	2	22.51	8.09	27.36	106.2	7.85	6.4	4.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR4	12:26:22	1.0	Surface	1	1	22.34	8.06	27.61	107.6	7.96	5.5	2.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR4	12:26:12	1.0	Surface	1	2	22.36	8.05	27.61	107.2	7.93	6.1	2.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR4	12:26:18	2.8	Bottom	3	1	22.34	8.02	27.65	107.4	7.95	6.5	1.9
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR4	12:26:05	2.8	Bottom	3	2	22.38	8	27.85	107.2	7.92	7.2	2.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR5	11:57:09	1.0	Surface	1	1	21.37	8.07	26.37	118.1	8.97	2.4	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR5	11:56:56	1.0	Surface	1	2	21.49	8.07	26.33	117.4	8.89	2.5	3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR5	11:56:44	4.1	Bottom	3	1	21.07	8.03	28.15	118.8	8.97	2.6	2.7
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR5	11:57:02	4.1	Bottom	3	2	21.34	8.06	27.81	119.1	8.97	2.5	3.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:50:12	1.0	Surface	1	1	21.27	7.89	29.63	95.9	7.15	3.1	1.8
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:50:44	1.0	Surface	1	2	21.24	7.91	29.76	95.4	7.11	2.9	1.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:49:55	3.4	Middle	2	1	21.13	7.89	29.9	94.5	7.05	2.9	1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:50:34	3.4	Middle	2	2	21.15	7.92	29.95	94.7	7.06	3	1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:50:24	5.7	Bottom	3	1	21.08	7.91	30.16	95	7.09	3	1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10A	10:49:46	5.7	Bottom	3	2	21.07	7.88	30.08	94.8	7.07	3	1.1
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10B	10:37:17	1.0	Surface	1	1	21.25	7.8	29.01	95.8	7.17	2.9	1.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10B	10:37:01	1.0	Surface	1	2	21.23	7.79	28.83	95.6	7.17	2.8	0.8
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10B	10:37:09	3.8	Bottom	3	1	21.21	7.8	29.08	95.6	7.16	2.8	1.3
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	SR10B	10:36:53	3.8	Bottom	3	2	21.19	7.78	28.88	95.5	7.16	2.8	1.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:06:31	1.0	Surface	1	1	21.77	8.09	25.18	116.4	8.83	2.5	3.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:07:41	1.0	Surface	1	2	21.46	8.08	25.43	108	8.23	2.5	3.7
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:06:14	4.0	Middle	2	1	20.79	7.95	28.38	106.2	8.04	2.8	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:06:56	4.0	Middle	2	2	20.7	7.95	28.54	113.7	8.6	2.7	3.2
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:06:44	6.9	Bottom	3	1	20.79	7.98	28.83	105.5	8	2.8	3.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS2	13:06:02	6.9	Bottom	3	2	20.63	7.95	29	102.9	7.8	2.8	3.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:28	1.0	Surface	1	1	21.66	7.94	28.27	97.8	7.3	2.8	0.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:42	1.0	Surface	1	2	21.84	7.94	28.23	99.7	7.42	2.8	0.7
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:29	6.6	Middle	2	1	21.1	7.93	30.4	96.9	7.22	3.1	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:18	6.6	Middle	2	2	21.08	7.94	30.4	95.4	7.11	3.2	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:17	12.1	Bottom	3	1	21.44	7.91	30.17	100.6	7.45	2.8	1.6
HKLR	HY/2011/03	2015-04-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:56	12.1	Bottom	3	2	21.49	7.94	29.99	100.6	7.46	3	0.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:03:46	1.0	Surface	1	1	22.68	8.19	29.17	103.1	7.52	5.8	3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:03:08	1.0	Surface	1	2	22.69	8.1	29.13	103.3	7.53	5.9	3.2
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:02:59	4.4	Middle	2	1	22.6	8.1	29.37	102.6	7.48	6.3	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:03:39	4.4	Middle	2	2	22.64	8.07	29.3	102.6	7.48	6	3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:03:27	7.8	Bottom	3	1	22.58	8.12	29.38	102.5	7.48	6	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS5	16:02:51	7.8	Bottom	3	2	22.61	8.04	29.36	103.1	7.52	5.8	2.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)6	16:13:32	1.0	Surface	1	1	22.99	8.08	28.67	117.5	8.54	6.3	3.5
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)6	16:13:09	1.0	Surface	1	2	22.97	8.13	28.71	117.2	8.52	6.2	3.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)6	16:13:20	2.2	Bottom	3	1	22.92	8.17	28.77	116.9	8.51	8.5	2.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)6	16:13:00	2.2	Bottom	3	2	22.93	8.06	28.77	117.2	8.53	8.2	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS7	16:22:01	1.0	Surface	1	1	22.81	8.2	29.05	106.8	7.78	12.8	11.7
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS7	16:21:33	1.0	Surface	1	2	22.79	8.09	29.08	105.6	7.69	12.7	11.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS7	16:21:44	2.4	Bottom	3	1	22.81	8.09	29.08	106.1	7.73	12.5	11
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS7	16:21:28	2.4	Bottom	3	2	22.78	8.16	29.08	105.1	7.66	12.2	11.7
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS8	16:52:21	1.0	Surface	1	1	22.47	8.14	28.97	106	7.77	11.8	7.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS8	16:52:04	1.0	Surface	1	2	22.47	8.14	28.97	106	7.77	12.1	7.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS8	16:52:14	2.6	Bottom	3	1	22.43	8.14	28.99	106.1	7.78	13.3	9.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS8	16:51:57	2.6	Bottom	3	2	22.5	8.14	28.93	105.8	7.75	13.5	10.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)9	16:29:27	1.0	Surface	1	1	22.8	8.17	29.05	106.9	7.78	11	11
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)9	16:29:08	1.0	Surface	1	2	22.8	8.16	29.05	106.9	7.78	11.1	12
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)9	16:29:18	2.4	Bottom	3	1	22.75	8.15	29.07	106.6	7.77	10.1	10
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS(Mf)9	16:29:00	2.4	Bottom	3	2	22.76	8.15	29.07	106.8	7.78	11	10.9
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:14:34	1.0	Surface	1	1	21.51	8.04	27.28	107.8	8.12	2.4	2.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:15:39	1.0	Surface	1	2	21.31	8.01	27.49	105.9	7.99	2.3	2.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:15:30	5.5	Middle	2	1	20.71	7.95	28.42	102.8	7.8	2.4	2.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:14:22	5.5	Middle	2	2	20.69	7.95	28.5	103.3	7.82	2.5	1.9
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:15:08	9.9	Bottom	3	1	20.63	7.94	29.51	101.8	7.69	2.6	2.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	IS10	17:14:09	9.9	Bottom	3	2	20.62	7.95	29.15	101.3	7.68	2.7	2.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR3	15:50:21	0.8	Middle	2	1	22.72	8.09	29.1	104.1	7.59	5.7	2.7
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR3	15:50:15	0.8	Middle	2	2	22.71	8.04	29.07	103.7	7.56	5.4	3.1
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR4	16:42:02	1.0	Surface	1	1	22.66	8.14	28.9	107.8	7.87	10.4	8.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR4	16:41:37	1.0	Surface	1	2	22.47	8.14	29.02	105.6	7.73	11	8.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR4	16:41:29	2.5	Bottom	3	1	22.39	8.13	29.04	105.2	7.72	11.9	9.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR4	16:41:44	2.5	Bottom	3	2	22.42	8.13	28.99	105.7	7.75	12.3	9.7
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR5	17:03:18	1.0	Surface	1	1	21.45	8.04	27.48	109.3	8.23	1.8	2.7
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR5	17:03:35	1.0	Surface	1	2	21.46	8.05	27.44	114	8.59	1.7	3.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR5	17:03:26	4.2	Bottom	3	1	21.32	8.04	27.76	113.3	8.54	1.7	2.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR5	17:03:08	4.2	Bottom	3	2	20.89	7.99	28.17	106.1	8.04	1.8	2.9
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:13:31	1.0	Surface	1	1	21.97	8.08	29.2	105.9	7.82	2.6	1.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:14:05	1.0	Surface	1	2	21.91	8.1	29.3	105.3	7.78	2.7	1.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:13:54	3.3	Middle	2	1	21.56	8.09	30.33	102.2	7.55	3	1
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:13:21	3.3	Middle	2	2	21.63	8.08	30.14	103	7.61	2.8	0.9
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:13:44	5.6	Bottom	3	1	21.34	8.1	31.17	103.4	7.64	2.8	0.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10A	18:13:10	5.6	Bottom	3	2	21.46	8.1	31.02	104.2	7.68	3	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10B	18:26:12	1.0	Surface	1	1	21.78	8.11	29.61	106.4	7.86	3	1.1
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10B	18:26:35	1.0	Surface	1	2	21.71	8.11	29.81	106.4	7.87	3.3	0.9
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10B	18:26:05	3.7	Bottom	3	1	21.73	8.1	30.04	106.3	7.85	3.1	0.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	SR10B	18:26:29	3.7	Bottom	3	2	21.54	8.11	30.46	106.6	7.87	3.3	1.1
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:49:08	1.0	Surface	1	1	21.9	8.08	26.23	102.1	7.68	2.1	2.2
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:49:47	1.0	Surface	1	2	21.97	8.1	26.07	109.9	8.26	2.2	2.4
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:48:58	4.1	Middle	2	1	20.6	7.98	28.78	97	7.36	2.5	3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:49:34	4.1	Middle	2	2	20.59	7.95	28.67	104.2	7.91	2.5	2.2
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:48:40	7.1	Bottom	3	1	20.6	8.04	28.86	94.9	7.2	2.4	1.8
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS2	15:49:24	7.1	Bottom	3	2	20.6	7.98	28.68	99.5	7.55	2.5	2
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:38:24	1.0	Surface	1	1	22.22	8.15	27.71	107.7	7.99	4	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:39:01	1.0	Surface	1	2	22.21	8.15	27.72	107.2	7.95	3.8	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:38:47	6.3	Middle	2	1	21.45	8.05	30.02	101.7	7.54	3.3	0.6
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:38:10	6.3	Middle	2	2	21.45	8.04	30.03	101.9	7.56	3.3	1.3
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:38:35	11.6	Bottom	3	1	21.6	8.04	30.33	107.2	7.92	3.6	0.5
HKLR	HY/2011/03	2015-04-01	Mid-Flood	Sunny	CS(Mf)5	17:38:00	11.6	Bottom	3	2	21.52	8.04	30.45	107.2	7.92	3.3	0.5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:20:47	1.0	Surface	1	1	22.88	7.45	27.46	97.8	7.18	7.8	5.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:19:43	1.0	Surface	1	2	22.87	7.44	27.45	97.6	7.16	7.6	6.2
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:20:24	4.2	Middle	2	1	22.86	7.45	27.48	97.3	7.14	8.1	7.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:19:23	4.2	Middle	2	2	22.87	7.44	27.47	97.3	7.14	8	6.2
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:20:03	7.4	Bottom	3	1	22.86	7.44	27.48	97	7.12	7.9	6.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS5	13:18:59	7.4	Bottom	3	2	22.87	7.44	27.47	97.1	7.12	7.8	7.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)6	13:11:04	1.0	Surface	1	1	23.17	7.41	27.55	97.5	7.11	6.9	3.9
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)6	13:10:29	1.0	Surface	1	2	23.19	7.41	27.53	97.6	7.12	7.2	4.7
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)6	13:10:09	2.1	Bottom	3	1	23.19	7.41	27.53	97.3	7.1	7.8	3.3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)6	13:10:46	2.1	Bottom	3	2	23.18	7.41	27.55	97.6	7.12	7.7	2.9
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS7	13:02:18	1.0	Surface	1	1	23.26	7.42	27.47	102.9	7.5	5.7	4.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS7	13:02:56	1.0	Surface	1	2	23.28	7.42	27.45	103.1	7.51	5.4	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS7	13:01:59	2.2	Bottom	3	1	23.27	7.41	27.44	102.9	7.5	6.8	6.3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS7	13:02:37	2.2	Bottom	3	2	23.29	7.41	27.44	103	7.5	6.7	5.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS8	12:34:40	1.0	Surface	1	1	22.89	7.39	26.67	104.2	7.68	4.8	2.3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS8	12:34:06	1.0	Surface	1	2	22.88	7.39	26.65	104.2	7.69	5	3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS8	12:34:23	2.7	Bottom	3	1	22.92	7.38	27.12	104.3	7.67	5.1	3.6
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS8	12:33:46	2.7	Bottom	3	2	22.92	7.38	27.17	104.5	7.67	5.4	2.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)9	12:54:18	1.0	Surface	1	1	23.03	7.4	27.09	105.2	7.7	7.3	3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)9	12:54:57	1.0	Surface	1	2	23.02	7.41	27.07	105.3	7.71	6.8	2.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)9	12:54:40	2.5	Bottom	3	1	23.11	7.4	27.25	105.2	7.68	7.8	2.6
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS(Mf)9	12:53:57	2.5	Bottom	3	2	23.09	7.39	27.23	104.7	7.66	8.2	4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:47:12	1.0	Surface	1	1	21.43	7.98	26	97.9	7.41	2.2	2
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:45:59	1.0	Surface	1	2	21.52	7.99	25.48	97.7	7.41	2.1	2.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:47:05	5.8	Middle	2	1	21.42	7.98	26.46	97.4	7.36	3.2	2.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:45:52	5.8	Middle	2	2	21.41	7.98	25.99	97	7.35	3	2.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:45:45	10.6	Bottom	3	1	21.41	7.98	27.1	97	7.3	4.3	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	IS10	12:46:55	10.6	Bottom	3	2	21.43	7.98	27.6	98.1	7.36	4.5	2.6
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR3	13:29:04	0.6	Middle	2	1	22.89	7.44	27.46	97.9	7.18	7.1	5.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR3	13:29:18	0.6	Middle	2	2	22.89	7.44	27.45	97.9	7.18	6.8	5.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR4	12:43:55	1.0	Surface	1	1	22.88	7.37	26.68	103.9	7.66	4.7	3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR4	12:43:15	1.0	Surface	1	2	22.87	7.37	26.67	104.1	7.66	4.9	2.3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR4	12:43:35	2.7	Bottom	3	1	22.88	7.37	27.35	104	7.64	5.3	2.5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR4	12:42:56	2.7	Bottom	3	2	22.88	7.36	27.36	104	7.63	5.5	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR5	12:58:17	1.0	Surface	1	1	21.58	7.97	25.31	99.4	7.53	2	3.2
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR5	12:58:47	1.0	Surface	1	2	21.58	7.97	25.28	99.2	7.52	2.1	3.5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR5	12:58:00	4.5	Bottom	3	1	21.43	7.97	27.2	99.2	7.46	3.3	5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR5	12:58:35	4.5	Bottom	3	2	21.43	7.96	27.21	99.6	7.49	3.5	4.2
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:13:17	1.0	Surface	1	1	22.08	7.46	28.14	98.2	7.29	3.7	2.5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:14:21	1.0	Surface	1	2	22.08	7.47	28.13	98	7.28	3.6	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:12:57	3.2	Middle	2	1	21.9	7.45	28.37	97.6	7.25	3.8	3.6
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:14:02	3.2	Middle	2	2	21.93	7.46	28.37	97.6	7.25	3.7	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:12:38	5.4	Bottom	3	1	21.81	7.45	28.55	97.6	7.25	3.8	4.5
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10A	11:13:40	5.4	Bottom	3	2	21.82	7.45	28.51	97.6	7.25	4	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10B	11:02:32	1.0	Surface	1	1	21.84	7.52	28.23	95.9	7.15	4.6	4.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10B	11:03:14	1.0	Surface	1	2	21.82	7.53	28.22	96.2	7.16	4.4	3.7
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10B	11:02:12	3.9	Bottom	3	1	21.84	7.52	28.35	95.8	7.15	4.5	4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	SR10B	11:02:55	3.9	Bottom	3	2	21.84	7.53	28.35	96	7.15	4.5	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:58:42	1.0	Surface	1	1	21.43	7.96	26.29	99.2	7.5	3.8	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:59:46	1.0	Surface	1	2	21.46	7.96	26.09	99.3	7.51	3.7	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:58:31	4.2	Middle	2	1	21.39	7.96	26.71	98.4	7.43	5.7	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:59:34	4.2	Middle	2	2	21.4	7.96	26.55	98.6	7.44	5.9	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:58:09	7.3	Bottom	3	1	21.35	7.95	27.34	98.2	7.39	6.6	3
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS2	13:58:58	7.3	Bottom	3	2	21.35	7.95	27.31	97.9	7.36	6.9	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:55:09	1.0	Surface	1	1	22.49	7.47	26.24	98.9	7.36	5.7	2.9
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:53:55	1.0	Surface	1	2	22.49	7.46	26.21	98.8	7.36	5.7	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:53:32	6.6	Middle	2	1	22.08	7.46	27.45	96.3	7.17	6.3	2.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:54:45	6.6	Middle	2	2	22.07	7.47	27.49	96.4	7.17	6.8	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:54:23	12.2	Bottom	3	1	21.88	7.45	28.21	96.6	7.18	7.8	3.8
HKLR	HY/2011/03	2015-04-03	Mid-Ebb	Cloudy	CS(Mf)5	11:53:09	12.2	Bottom	3	2	21.87	7.45	28.22	96.5	7.18	7.6	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	18:00:21	1.0	Surface	1	1	23.05	7.41	28.11	96.4	7.02	6.2	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	17:59:17	1.0	Surface	1	2	23.05	7.41	28.11	96.4	7.03	6	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	18:00:02	4.2	Middle	2	1	23.06	7.4	28.13	96.2	7.01	6.3	4.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	17:58:57	4.2	Middle	2	2	23.07	7.4	28.15	96.2	7.01	6.2	3.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	17:59:41	7.4	Bottom	3	1	23.07	7.4	28.16	96.2	7	6.6	4.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS5	17:58:39	7.4	Bottom	3	2	23.07	7.39	28.17	96.3	7.01	6.5	4.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)6	18:08:19	1.0	Surface	1	1	23.35	7.47	27.99	102.7	7.45	7.4	4.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)6	18:07:33	1.0	Surface	1	2	23.34	7.47	28	102.8	7.46	7.1	4.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)6	18:07:58	2.2	Bottom	3	1	23.34	7.47	27.99	103.3	7.49	7.8	3.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)6	18:07:16	2.2	Bottom	3	2	23.34	7.46	27.99	103.4	7.5	7.8	3.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS7	18:15:54	1.0	Surface	1	1	23.25	7.48	27.4	100.9	7.37	5.4	3.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS7	18:15:16	1.0	Surface	1	2	23.25	7.48	27.38	100.9	7.37	5.5	3.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS7	18:14:55	2.2	Bottom	3	1	23.27	7.48	27.58	100.8	7.35	5.8	3
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS7	18:15:35	2.2	Bottom	3	2	23.26	7.48	27.62	100.9	7.36	5.7	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS8	18:44:40	1.0	Surface	1	1	22.96	7.46	27.53	99.9	7.33	11.5	7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS8	18:44:06	1.0	Surface	1	2	22.97	7.46	27.52	100.4	7.36	11.7	7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS8	18:43:50	2.8	Bottom	3	1	22.98	7.46	27.67	100.8	7.38	12	6.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS8	18:44:23	2.8	Bottom	3	2	22.99	7.46	27.67	100.8	7.37	12.2	7.3
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)9	18:23:20	1.0	Surface	1	1	23.18	7.45	27.53	101.7	7.42	5	2.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)9	18:24:06	1.0	Surface	1	2	23.18	7.45	27.59	101.7	7.41	5.2	2.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)9	18:23:40	2.6	Bottom	3	1	23.18	7.45	27.7	101.1	7.38	5.6	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS(Mf)9	18:23:02	2.6	Bottom	3	2	23.18	7.44	27.72	101.1	7.38	5.4	2.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:34:43	1.0	Surface	1	1	21.75	8	25.41	105	7.92	2.4	4.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:35:24	1.0	Surface	1	2	21.79	8	25.39	105	7.92	2.5	2.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:35:16	5.7	Middle	2	1	21.67	7.99	25.67	104.2	7.86	2.7	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:34:36	5.7	Middle	2	2	21.66	7.99	25.68	104.3	7.87	2.8	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:34:13	10.3	Bottom	3	1	21.52	7.99	26.21	103.8	7.83	3.5	4.6
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	IS10	18:34:59	10.3	Bottom	3	2	21.51	7.98	26.22	103.7	7.82	3.3	2.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR3	17:44:12	0.7	Middle	2	1	23.03	7.42	28.19	95.7	6.97	6.8	6.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR3	17:44:26	0.7	Middle	2	2	23.03	7.42	28.18	95.8	6.98	6.7	5.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR4	18:35:22	1.0	Surface	1	1	22.92	7.45	27.32	101.8	7.47	9.4	6.9
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR4	18:36:08	1.0	Surface	1	2	22.93	7.44	27.35	101.9	7.48	9.5	7.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR4	18:35:41	2.7	Bottom	3	1	22.95	7.44	27.58	101.7	7.44	9.9	7.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR4	18:35:03	2.7	Bottom	3	2	22.96	7.44	27.63	101.5	7.43	10.6	7.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR5	18:23:05	1.0	Surface	1	1	22.03	8.02	25.02	104.2	7.84	2.5	4.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR5	18:24:08	1.0	Surface	1	2	21.72	8	25.48	103.8	7.83	2.4	3.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR5	18:22:55	4.5	Bottom	3	1	21.67	8	25.68	102.7	7.75	2.8	5.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR5	18:23:51	4.5	Bottom	3	2	21.5	7.98	26.26	102.9	7.76	3	5.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:58:35	1.0	Surface	1	1	22.66	7.5	26.03	100.4	7.46	4.3	3.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:59:40	1.0	Surface	1	2	22.67	7.51	26.02	100.2	7.44	4.3	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:59:16	3.3	Middle	2	1	22.53	7.51	26.48	100.1	7.43	4.4	3.5
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:58:13	3.3	Middle	2	2	22.54	7.5	26.46	100.1	7.44	4.4	3.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:57:52	5.6	Bottom	3	1	22.43	7.5	26.94	99.5	7.38	4.5	4.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10A	19:58:53	5.6	Bottom	3	2	22.41	7.5	26.97	99.4	7.38	4.6	3.6
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10B	20:08:12	1.0	Surface	1	1	22.61	7.51	26.2	100.4	7.46	3.8	3.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10B	20:08:50	1.0	Surface	1	2	22.58	7.51	26.21	100.4	7.46	3.9	3.3
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10B	20:07:51	4.2	Bottom	3	1	22.48	7.51	26.64	99.9	7.41	4.2	2.4
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	SR10B	20:08:31	4.2	Bottom	3	2	22.51	7.51	26.65	99.9	7.42	4.3	2.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:27:15	1.0	Surface	1	1	21.52	8	25.27	98.9	7.5	3.5	3.3
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:28:10	1.0	Surface	1	2	21.53	7.99	26.1	99.3	7.49	3.7	4.3
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:28:02	4.2	Middle	2	1	21.34	7.98	26.86	98	7.39	4.8	2.9
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:27:10	4.2	Middle	2	2	21.36	7.99	26.79	98	7.38	4.6	2.9
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:27:03	7.3	Bottom	3	1	21.31	7.99	27.11	97.6	7.35	5.4	2.1
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS2	17:27:55	7.3	Bottom	3	2	21.26	7.97	27.31	97.7	7.36	5.6	2.2
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:20:34	1.0	Surface	1	1	22.83	7.52	25.46	100.1	7.44	5.7	3.8
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:21:47	1.0	Surface	1	2	22.86	7.53	25.49	100	7.44	5.6	3.6
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:20:10	6.8	Middle	2	1	22.48	7.52	26.92	96.9	7.18	7.4	2.6
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:21:26	6.8	Middle	2	2	22.49	7.52	26.98	97	7.19	7.2	3.6
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:21:03	12.6	Bottom	3	1	22.28	7.5	27.73	96.3	7.14	7.6	3.7
HKLR	HY/2011/03	2015-04-03	Mid-Flood	Cloudy	CS(Mf)5	19:19:43	12.6	Bottom	3	2	22.32	7.5	27.72	96.1	7.12	7.9	4.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:53	1.0	Surface	1	1	24.14	7.39	26.76	93.5	6.74	6.1	3.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:23	1.0	Surface	1	2	24.14	7.38	26.76	93.7	6.75	5.9	4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:46	4.3	Middle	2	1	24.14	7.39	26.78	93.3	6.73	6.1	4.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:17	4.3	Middle	2	2	24.14	7.38	26.77	93.6	6.75	5.9	5.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:10	7.6	Bottom	3	1	24.15	7.37	26.76	93.7	6.75	5.8	3.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS5	12:43:37	7.6	Bottom	3	2	24.13	7.37	26.78	93.3	6.72	6.1	3.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)6	12:48:58	1.0	Surface	1	1	24.09	7.38	26.76	92.9	6.7	7.4	4.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)6	12:49:12	1.0	Surface	1	2	24.1	7.39	26.75	92.9	6.7	7.5	3.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)6	12:48:47	2.2	Bottom	3	1	24.06	7.38	26.76	92.9	6.7	7.6	4.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)6	12:49:04	2.2	Bottom	3	2	24.07	7.39	26.76	92.9	6.7	7.5	4
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS7	12:55:47	1.0	Surface	1	1	24.03	7.41	26.1	98.1	7.11	4.3	0.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS7	12:56:08	1.0	Surface	1	2	24.02	7.43	26.1	98.2	7.11	4.2	1.4
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS7	12:55:55	2.2	Bottom	3	1	24.09	7.41	26.32	98.1	7.09	4.3	1.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS7	12:55:38	2.2	Bottom	3	2	23.98	7.4	26.26	97.9	7.1	4.3	0.9
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS8	13:17:27	1.0	Surface	1	1	23.8	7.45	25.38	96.3	7.04	4.6	0.9
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS8	13:17:41	1.0	Surface	1	2	23.96	7.46	25.29	96.4	7.03	4.7	1.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS8	13:17:33	2.9	Bottom	3	1	23.81	7.45	25.6	96	7	4.5	1.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS8	13:17:19	2.9	Bottom	3	2	23.73	7.44	25.72	96	7.01	4.6	1.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)9	13:02:49	1.0	Surface	1	1	24.31	7.44	26.04	99.3	7.16	4.9	0.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)9	13:02:33	1.0	Surface	1	2	24.33	7.43	25.92	99.4	7.17	4.7	1.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)9	13:02:25	2.8	Bottom	3	1	24.32	7.43	26.17	99.1	7.14	5.1	1.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS(Mf)9	13:02:41	2.8	Bottom	3	2	24.3	7.43	26.17	99.2	7.15	5.2	1.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:45:19	1.0	Surface	1	1	22.51	7.79	27.94	92.2	6.79	2.6	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:44:43	1.0	Surface	1	2	22.31	7.79	28.05	91.7	6.77	3	3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:44:33	5.2	Middle	2	1	22.05	7.79	28.44	91.3	6.76	3.1	2.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:45:05	5.2	Middle	2	2	22.02	7.78	28.49	91.5	6.78	2.9	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:44:25	9.3	Bottom	3	1	21.9	7.79	28.82	91.2	6.76	3.3	2.9
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	IS10	13:44:58	9.3	Bottom	3	2	22.03	7.78	28.62	91.8	6.79	3.2	2.6
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR3	12:30:34	0.7	Middle	2	1	24.16	7.51	26.76	93.3	6.72	6.2	5.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR3	12:30:41	0.7	Middle	2	2	24.15	7.51	26.76	93.3	6.72	6.2	4.4
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR4	13:11:13	1.0	Surface	1	1	23.78	7.4	25.38	95.9	7.01	5.7	1.6
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR4	13:11:30	1.0	Surface	1	2	23.89	7.42	25.22	96.2	7.02	5.8	1.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR4	13:11:21	2.7	Bottom	3	1	23.71	7.4	25.58	95.9	7.01	6.1	1.9
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR4	13:11:07	2.7	Bottom	3	2	23.79	7.39	25.57	95.7	6.99	6.2	1.5
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR5	13:37:54	1.0	Surface	1	1	22.38	7.79	27.99	92.9	6.86	2.2	3.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR5	13:37:35	1.0	Surface	1	2	22.38	7.8	28	92.6	6.83	2.2	3.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR5	13:37:44	4.0	Bottom	3	1	22.22	7.79	28.14	92.8	6.86	2.2	4
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR5	13:37:28	4.0	Bottom	3	2	22.17	7.8	28.18	92.6	6.85	2.3	4.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:49	1.0	Surface	1	1	22.81	7.33	28.67	92.5	6.75	4.2	1.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:28	1.0	Surface	1	2	22.86	7.32	28.62	92.4	6.74	4.1	1.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:20	3.2	Middle	2	1	22.71	7.31	28.87	92	6.72	4.1	1.6
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:43	3.2	Middle	2	2	22.74	7.32	28.82	92.2	6.73	4.1	1.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:36	5.4	Bottom	3	1	22.76	7.31	28.84	92.2	6.73	4.1	2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10A	14:32:13	5.4	Bottom	3	2	22.77	7.3	28.86	92.1	6.71	4.1	1.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10B	14:41:52	1.0	Surface	1	1	22.82	7.35	28.65	92.9	6.77	3.9	2.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10B	14:42:06	1.0	Surface	1	2	22.82	7.35	28.65	92.7	6.77	3.8	2.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10B	14:41:58	4.1	Bottom	3	1	22.84	7.35	28.7	92.7	6.76	3.8	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	SR10B	14:41:44	4.1	Bottom	3	2	22.9	7.34	28.62	92.8	6.76	4	3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:24:18	1.0	Surface	1	1	22.76	7.77	25.5	93.3	6.94	2	3.8
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:23:21	1.0	Surface	1	2	22.73	7.77	25.5	93.5	6.96	1.9	3.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:23:06	3.9	Middle	2	1	22.54	7.77	26.93	92.1	6.82	4.3	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:24:03	3.9	Middle	2	2	22.4	7.77	27.24	91.6	6.79	4	4.3
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:23:55	6.7	Bottom	3	1	22.36	7.76	27.44	91.4	6.77	4.4	4.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS2	12:22:55	6.7	Bottom	3	2	22.34	7.77	27.52	92.1	6.82	4.7	4.2
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:58:37	1.0	Surface	1	1	23.39	7.41	26.86	93.1	6.79	4.5	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	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:58:02	1.0	Surface	1	2	23.1	7.4	27.01	91.8	6.73	4.8	3.4
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:58:25	6.2	Middle	2	1	22.47	7.4	28.78	90	6.6	4.7	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:57:54	6.2	Middle	2	2	22.49	7.39	28.62	90.1	6.61	4.8	2.6
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:57:42	11.3	Bottom	3	1	22.46	7.36	29.61	90.9	6.64	4.7	2.9
HKLR	HY/2011/03	2015-04-06	Mid-Ebb	Sunny	CS(Mf)5	13:58:14	11.3	Bottom	3	2	22.66	7.37	29.35	91.1	6.64	4.7	2.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:56:44	1.0	Surface	1	1	24.16	7.4	26.76	93.3	6.72	6.4	3.4
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:57:42	1.0	Surface	1	2	24.16	7.43	26.77	93.2	6.71	6.4	3.4
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:56:33	4.4	Middle	2	1	24.15	7.41	26.78	92.9	6.69	6.4	4.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:57:33	4.4	Middle	2	2	24.14	7.43	26.78	93.1	6.71	6.5	3.8
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:55:51	7.7	Bottom	3	1	24.13	7.36	26.78	92.8	6.68	6.7	3.8
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS5	08:57:25	7.7	Bottom	3	2	24.14	7.43	26.79	93.1	6.7	6.7	4.3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)6	08:48:17	1.0	Surface	1	1	24.13	7.38	26.56	95.2	6.86	5.6	2.8
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)6	08:48:03	1.0	Surface	1	2	24.11	7.37	26.58	95	6.85	5.4	2.9
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)6	08:48:09	2.3	Bottom	3	1	24.11	7.37	26.58	95	6.85	5.5	3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)6	08:47:53	2.3	Bottom	3	2	24.1	7.36	26.59	95.1	6.86	5.4	2.8
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS7	08:40:41	1.0	Surface	1	1	23.88	7.34	25.88	96.6	7.03	4.2	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS7	08:40:57	1.0	Surface	1	2	23.86	7.36	25.92	96.8	7.04	4.4	2
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS7	08:40:47	2.2	Bottom	3	1	23.8	7.35	26.08	96.6	7.03	4.6	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS7	08:40:32	2.2	Bottom	3	2	23.81	7.34	26.08	96.6	7.03	4.5	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS8	08:18:08	1.0	Surface	1	1	23.63	7.34	25.08	94.6	6.94	5.2	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS8	08:17:41	1.0	Surface	1	2	23.52	7.31	25.18	94.6	6.95	5.1	2.4
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS8	08:17:35	3.1	Bottom	3	1	23.53	7.3	25.37	94.7	6.96	5.3	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS8	08:17:59	3.1	Bottom	3	2	23.42	7.33	25.65	94.4	6.93	5.1	2.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)9	08:34:02	1.0	Surface	1	1	23.87	7.33	26.02	95.2	6.92	7.5	2.2
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)9	08:33:48	1.0	Surface	1	2	23.86	7.31	26.07	95.1	6.92	7.8	2.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)9	08:33:54	2.6	Bottom	3	1	23.87	7.32	26.15	95.2	6.92	7.7	3.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS(Mf)9	08:33:40	2.6	Bottom	3	2	23.86	7.3	25.98	94.6	6.88	7.7	3.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:39:43	1.0	Surface	1	1	22.38	7.78	27.76	91.7	6.77	3.4	3.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:40:18	1.0	Surface	1	2	22.22	7.77	27.96	91.6	6.78	3.4	3.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:39:28	5.3	Middle	2	1	22.01	7.78	28.44	90.8	6.73	4	3.3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:40:05	5.3	Middle	2	2	22.13	7.77	28.16	92	6.81	4.1	2.8
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:39:57	9.6	Bottom	3	1	22.16	7.77	28.14	91.9	6.81	4.5	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	IS10	07:39:14	9.6	Bottom	3	2	21.85	7.77	29.02	90.7	6.72	4.8	3.3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR3	09:05:42	0.7	Middle	2	1	24.17	7.48	26.76	93.4	6.72	6.5	3.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR3	09:05:48	0.7	Middle	2	2	24.16	7.48	26.76	93.4	6.72	6.6	4.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR4	08:23:02	1.0	Surface	1	1	23.76	7.38	24.95	95.5	7	4.3	0.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR4	08:23:15	1.0	Surface	1	2	23.67	7.38	25.02	95.4	7	4.4	1.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR4	08:23:08	2.7	Bottom	3	1	23.64	7.37	25.16	95.2	6.99	4.4	1.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR4	08:22:54	2.7	Bottom	3	2	23.63	7.37	25.1	95	6.98	4.4	1.3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR5	07:48:00	1.0	Surface	1	1	22.21	7.78	27.97	91.9	6.8	2.9	2.3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR5	07:48:13	1.0	Surface	1	2	22.26	7.77	27.91	92.1	6.82	3	2.4
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR5	07:48:05	4.0	Bottom	3	1	22.21	7.77	28.03	92.3	6.83	3.2	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR5	07:47:53	4.0	Bottom	3	2	22.14	7.78	28.14	92.1	6.82	3.1	2.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:11:36	1.0	Surface	1	1	22.32	7.19	29	88.7	6.52	5.3	2.9
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:11:06	1.0	Surface	1	2	22.27	7.17	29.07	88.7	6.52	5.4	3.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:11:23	3.3	Middle	2	1	22.19	7.18	29.36	88.5	6.5	5.3	2.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:10:59	3.3	Middle	2	2	22.19	7.15	29.36	88.5	6.5	5.3	2.2
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:11:14	5.6	Bottom	3	1	22.24	7.16	29.29	88.4	6.49	5.2	3
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10A	07:10:54	5.6	Bottom	3	2	22.26	7.15	29.22	88.5	6.5	5.3	2.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10B	07:01:34	1.0	Surface	1	1	22.29	7.04	28.81	88.9	6.54	5.6	2.4
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10B	07:01:48	1.0	Surface	1	2	22.28	7.06	28.89	88.8	6.53	5.4	2.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10B	07:01:27	4.4	Bottom	3	1	22.3	7.01	28.89	88.8	6.53	5.6	2.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	SR10B	07:01:41	4.4	Bottom	3	2	22.29	7.04	28.96	88.6	6.51	5.4	2.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:57:55	1.0	Surface	1	1	22.68	7.77	25.63	93.4	6.95	2.7	1.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:58:24	1.0	Surface	1	2	22.67	7.77	25.56	93.2	6.94	2.5	1.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:57:42	3.8	Middle	2	1	22.6	7.77	26.74	92.5	6.85	3.5	1.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:58:14	3.8	Middle	2	2	22.51	7.77	27.01	92.9	6.88	3.3	1.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:58:06	6.5	Bottom	3	1	22.48	7.76	27.33	93.4	6.91	3.3	1.1
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS2	08:57:29	6.5	Bottom	3	2	22.33	7.77	27.54	92.1	6.82	3.3	1.7
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:44:20	1.0	Surface	1	1	22.58	7.27	27.66	89.5	6.59	6.2	0.6
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:43:49	1.0	Surface	1	2	22.32	7.25	28.47	88.9	6.55	6.4	1.5
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:44:10	6.2	Middle	2	1	22.13	7.25	29.83	88.3	6.48	6.6	0.9
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:43:42	6.2	Middle	2	2	22.16	7.23	29.73	88.3	6.48	6.7	1.2
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:44:02	11.4	Bottom	3	1	22.19	7.23	29.88	88.4	6.48	6.7	0.9
HKLR	HY/2011/03	2015-04-06	Mid-Flood	Sunny	CS(Mf)5	07:43:33	11.4	Bottom	3	2	22.19	7.21	29.88	88.4	6.48	6.5	1.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:23	1.0	Surface	1	1	23.79	7.31	27.28	93.6	6.77	9.4	3.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:50	1.0	Surface	1	2	23.76	7.31	27.34	93.6	6.77	9.3	3.5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:44	4.4	Middle	2	1	23.68	7.33	27.52	93.3	6.75	9.5	5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:13	4.4	Middle	2	2	23.64	7.26	27.61	93	6.73	9.9	4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:35	7.7	Bottom	3	1	23.65	7.31	27.65	93.4	6.76	9.5	4.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS5	14:12:07	7.7	Bottom	3	2	23.67	7.1	27.63	93.2	6.74	9.8	3.6
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)6	14:18:59	1.0	Surface	1	1	23.96	7.33	26.96	95.9	6.92	7.4	2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)6	14:18:39	1.0	Surface	1	2	23.96	7.34	26.94	96.2	6.95	7.4	2.9
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)6	14:18:31	2.4	Bottom	3	1	23.96	7.33	26.94	96.2	6.95	7.2	3.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)6	14:18:44	2.4	Bottom	3	2	23.96	7.34	26.96	96.1	6.94	7.3	3.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS7	14:24:57	1.0	Surface	1	1	23.95	7.42	26.89	99	7.15	7.6	3.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS7	14:24:45	1.0	Surface	1	2	23.95	7.42	26.83	98.9	7.15	7.7	3.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS7	14:24:50	2.3	Bottom	3	1	23.95	7.42	26.89	99.1	7.16	7.9	4.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS7	14:24:38	2.3	Bottom	3	2	23.97	7.41	26.73	99.8	7.22	7.8	3.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS8	14:48:58	1.0	Surface	1	1	23.51	7.43	27.31	93.2	6.77	6.4	2.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS8	14:49:09	1.0	Surface	1	2	23.56	7.45	27.27	93.8	6.81	6.3	2.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS8	14:48:52	2.9	Bottom	3	1	23.53	7.44	27.34	93.4	6.78	6.3	3.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS8	14:49:03	2.9	Bottom	3	2	23.57	7.44	27.3	93.9	6.81	6.5	3.9
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)9	14:31:35	1.0	Surface	1	1	23.85	7.45	26.97	102.8	7.44	5	1.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)9	14:31:24	1.0	Surface	1	2	23.85	7.44	26.96	103.1	7.46	5.1	1.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)9	14:31:30	2.7	Bottom	3	1	23.85	7.45	26.99	103.2	7.46	5.1	3.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS(Mf)9	14:31:15	2.7	Bottom	3	2	23.85	7.43	26.96	103.5	7.48	5.2	2.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:53:36	1.0	Surface	1	1	22.01	7.81	28.97	91.2	6.74	6.1	4.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:54:04	1.0	Surface	1	2	22.03	7.81	29.17	89.9	6.63	6.3	5.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:53:57	5.4	Middle	2	1	22	7.8	29.49	90.6	6.67	6.4	4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:53:26	5.4	Middle	2	2	22.02	7.8	29.34	90.7	6.69	6.2	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:53:19	9.7	Bottom	3	1	22.02	7.8	29.33	91.5	6.74	6.5	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	IS10	14:53:50	9.7	Bottom	3	2	21.99	7.8	29.51	91.3	6.73	6.5	6.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR3	14:00:35	0.7	Middle	2	1	23.81	7.37	27.22	99.1	7.16	7.3	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR3	14:00:41	0.7	Middle	2	2	23.82	7.38	27.22	98.2	7.1	7.3	5.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR4	14:43:02	1.0	Surface	1	1	23.55	7.19	27.27	94.4	6.85	6.8	4.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR4	14:42:46	1.0	Surface	1	2	23.56	7.16	27.25	95.6	6.94	6.7	3.6
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR4	14:42:54	2.9	Bottom	3	1	23.52	7.13	27.33	95	6.9	6.8	4.3
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR4	14:42:38	2.9	Bottom	3	2	23.53	7.12	27.31	96.6	7.01	6.9	3.9
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR5	14:47:36	1.0	Surface	1	1	22.05	7.82	28.82	93.9	6.94	3.8	3.5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR5	14:47:51	1.0	Surface	1	2	22.05	7.82	28.82	94	6.94	3.8	2.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR5	14:47:42	4.2	Bottom	3	1	22.06	7.82	28.81	94.1	6.96	4.2	4.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR5	14:47:26	4.2	Bottom	3	2	22.04	7.81	28.91	94.3	6.97	3.9	3.3
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:28	1.0	Surface	1	1	22.2	7.37	31.05	90.5	6.58	3.7	2.5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:47	1.0	Surface	1	2	22.19	7.37	31.16	90.3	6.56	3.6	2.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:22	3.3	Middle	2	1	22.19	7.36	31.33	90.5	6.57	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	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:43	3.3	Middle	2	2	22.18	7.37	31.42	90.6	6.58	3.5	4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:11	5.5	Bottom	3	1	22.18	7.35	31.4	90.9	6.6	3.6	5.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10A	15:57:34	5.5	Bottom	3	2	22.21	7.36	31.19	91	6.61	3.6	3.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10B	16:07:14	1.0	Surface	1	1	22.23	7.41	30.62	92.1	6.71	3.5	1.9
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10B	16:06:51	1.0	Surface	1	2	22.19	7.4	30.64	90.4	6.6	3.6	1.3
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10B	16:06:44	4.0	Bottom	3	1	22.17	7.39	31.53	91	6.61	3.6	2.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	SR10B	16:06:59	4.0	Bottom	3	2	22.2	7.39	31.18	90.9	6.61	3.6	2.5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:35:16	1.0	Surface	1	1	21.94	7.81	29.12	94.5	6.98	3.3	4.3
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:34:46	1.0	Surface	1	2	21.93	7.82	29.18	96	7.09	3.6	2.8
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:35:09	4.1	Middle	2	1	21.95	7.81	29.3	95.3	7.04	3.5	3.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:34:20	4.1	Middle	2	2	21.91	7.82	29.61	97.4	7.18	3.6	4.2
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:33:51	7.2	Bottom	3	1	21.9	7.83	29.61	100.5	7.41	3.8	2.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS2	13:34:59	7.2	Bottom	3	2	21.94	7.81	29.2	95.7	7.07	3.7	2.7
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:28:35	1.0	Surface	1	1	22.72	7.45	29.13	90.7	6.61	6.2	2.5
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:27:55	1.0	Surface	1	2	22.58	7.43	29.24	88.2	6.44	6.1	4.1
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:27:47	6.1	Middle	2	1	22.29	7.4	31.27	87.5	6.34	6.1	2.6
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:28:20	6.1	Middle	2	2	22.39	7.45	29.93	87.5	6.39	6.3	3.4
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:27:37	11.2	Bottom	3	1	22.3	7.37	31.59	88.8	6.43	6.3	2.3
HKLR	HY/2011/03	2015-04-08	Mid-Ebb	Cloudy	CS(Mf)5	15:28:11	11.2	Bottom	3	2	22.18	7.41	31.83	87.9	6.36	6.5	3.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:13:46	1.0	Surface	1	1	24.1	7.39	26.34	94.3	6.81	5.9	5.1
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:14:11	1.0	Surface	1	2	24.09	7.4	26.33	94.4	6.83	6.2	3.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:13:40	4.5	Middle	2	1	24.11	7.39	26.41	94.2	6.8	5.9	5.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:14:04	4.5	Middle	2	2	24.1	7.39	26.41	94.4	6.82	6.1	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:13:33	7.9	Bottom	3	1	24.1	7.38	26.43	94.3	6.81	5.9	5.6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS5	09:13:57	7.9	Bottom	3	2	24.1	7.38	26.4	94.4	6.82	5.9	4.5
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)6	09:05:17	1.0	Surface	1	1	23.98	7.38	26.35	95.7	6.93	8	6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)6	09:05:29	1.0	Surface	1	2	23.97	7.39	26.35	95.9	6.94	7.8	7.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)6	09:05:22	2.3	Bottom	3	1	23.98	7.39	26.35	95.7	6.93	7.6	7.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)6	09:05:10	2.3	Bottom	3	2	23.98	7.38	26.35	95.7	6.93	8	7.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS7	08:59:16	1.0	Surface	1	1	23.88	7.39	26.27	95.6	6.94	6.6	4.1
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS7	08:59:03	1.0	Surface	1	2	23.88	7.39	26.27	95.4	6.93	6.6	4.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS7	08:58:53	2.2	Bottom	3	1	23.88	7.38	26.27	95.6	6.94	6.7	5.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS7	08:59:07	2.2	Bottom	3	2	23.88	7.39	26.27	95.4	6.93	6.6	5.7
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS8	08:33:58	1.0	Surface	1	1	23.15	7.29	27.09	91.3	6.68	7.1	5.6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS8	08:34:09	1.0	Surface	1	2	23.16	7.3	27.09	91.1	6.66	7.4	5.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS8	08:34:03	2.9	Bottom	3	1	23.15	7.3	27.1	91.3	6.68	7.1	5.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS8	08:33:49	2.9	Bottom	3	2	23.15	7.28	27.1	91.4	6.69	7.2	6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)9	08:52:55	1.0	Surface	1	1	23.48	7.38	26.71	92.6	6.75	6.4	3.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)9	08:52:42	1.0	Surface	1	2	23.48	7.38	26.72	92.3	6.73	6.4	4.5
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)9	08:52:49	2.7	Bottom	3	1	23.49	7.38	26.71	92.4	6.73	6.3	3.4
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS(Mf)9	08:52:36	2.7	Bottom	3	2	23.44	7.38	26.78	92.2	6.73	6.4	3.1
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:56:10	1.0	Surface	1	1	22.16	7.79	29	89.8	6.62	6.2	4.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:55:37	1.0	Surface	1	2	22.16	7.78	28.99	90.3	6.66	6.2	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:55:30	5.8	Middle	2	1	22.12	7.78	29.15	90.2	6.64	6.4	5.7
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:55:57	5.8	Middle	2	2	22.11	7.78	29.21	89.9	6.62	6.3	5.6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:55:20	10.5	Bottom	3	1	22.11	7.78	29.24	90.7	6.68	6.6	7.7
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	IS10	08:55:49	10.5	Bottom	3	2	22.12	7.78	29.21	90.5	6.66	6.5	8.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR3	09:22:48	0.6	Middle	2	1	24.08	7.45	26.26	95.5	6.91	6.1	5.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR3	09:22:44	0.6	Middle	2	2	24.08	7.44	26.26	95.5	6.91	6.1	3.5
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR4	08:41:04	1.0	Surface	1	1	23.15	7.34	27.05	90.6	6.63	6.9	4.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR4	08:41:16	1.0	Surface	1	2	23.16	7.35	27.06	90.8	6.64	6.9	5
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR4	08:40:56	2.7	Bottom	3	1	23.15	7.34	27.06	90.6	6.63	6.9	4.4
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR4	08:41:09	2.7	Bottom	3	2	23.15	7.35	27.08	90.6	6.63	6.8	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	2015-04-08	Mid-Flood	Cloudy	SR5	09:04:28	1.0	Surface	1	1	22.18	7.8	28.66	98.9	7.3	4.3	4.5
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR5	09:02:03	1.0	Surface	1	2	22.09	7.78	28.48	92.3	6.83	4.5	6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR5	09:04:22	4.4	Bottom	3	1	22.02	7.8	29.02	101.6	7.5	4.2	5.6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR5	09:01:54	4.4	Bottom	3	2	22.09	7.78	29.4	92.9	6.84	4.5	6.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:37:29	1.0	Surface	1	1	22.45	7.17	28.71	88.5	6.5	4.3	2.4
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:37:05	1.0	Surface	1	2	22.46	7.17	28.66	88.6	6.5	4.3	2.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:37:24	3.3	Middle	2	1	22.44	7.15	28.84	88.5	6.49	4.3	4
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:36:57	3.3	Middle	2	2	22.46	7.16	28.68	88.4	6.49	4.2	4.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:37:13	5.5	Bottom	3	1	22.44	7.15	28.82	88.4	6.48	4.4	2.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10A	07:36:50	5.5	Bottom	3	2	22.47	7.15	28.56	88.2	6.48	4.2	3.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10B	07:27:17	1.0	Surface	1	1	22.46	7.17	27.86	88.7	6.54	4.3	2.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10B	07:27:01	1.0	Surface	1	2	22.52	7.16	27.38	88.9	6.57	4.1	3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10B	07:27:11	4.0	Bottom	3	1	22.45	7.16	27.97	88.8	6.54	4.3	2.7
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	SR10B	07:26:54	4.0	Bottom	3	2	22.52	7.15	27.43	88.8	6.56	4.2	2.2
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:45	1.0	Surface	1	1	21.85	7.79	29.47	93	6.87	4.1	5.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:26	1.0	Surface	1	2	21.84	7.79	29.47	93.5	6.91	4.2	5.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:39	4.2	Middle	2	1	21.85	7.79	29.5	93	6.87	4.2	4.9
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:17	4.2	Middle	2	2	21.86	7.79	29.52	94	6.94	4.2	4.8
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:32	7.4	Bottom	3	1	21.85	7.79	29.51	93.5	6.91	4.3	5.8
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS2	10:19:11	7.4	Bottom	3	2	21.86	7.79	29.57	95	7.02	4.4	4.6
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:04:57	1.0	Surface	1	1	22.7	7.24	27.79	88.5	6.5	5.7	2.4
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:05:30	1.0	Surface	1	2	22.66	7.27	27.86	88.2	6.48	5.9	2.1
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:05:21	6.3	Middle	2	1	22.44	7.25	29.57	87.2	6.37	7.2	3.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:04:47	6.3	Middle	2	2	22.47	7.22	29.37	87.5	6.39	7.4	3.1
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:04:35	11.5	Bottom	3	1	22.49	7.19	29.56	88.1	6.43	7.7	3.3
HKLR	HY/2011/03	2015-04-08	Mid-Flood	Cloudy	CS(Mf)5	08:05:10	11.5	Bottom	3	2	22.5	7.22	29.72	88.3	6.44	7.6	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:29:31	1.0	Surface	1	1	21.97	8.03	29.23	87.2	6.44	9.9	8.4
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:30:02	1.0	Surface	1	2	21.97	8	29.23	87.1	6.43	10.6	7.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:29:53	4.3	Middle	2	1	21.96	8	29.54	87	6.41	11.7	7
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:29:20	4.3	Middle	2	2	21.96	8	29.48	87	6.42	10.6	6.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:29:12	7.5	Bottom	3	1	21.96	8	29.5	86.9	6.41	10.7	6.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS5	15:29:46	7.5	Bottom	3	2	21.96	8.03	29.7	87	6.41	11.5	6.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)6	15:38:40	1.0	Surface	1	1	22.06	8.05	28.78	86.5	6.39	9.4	5.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)6	15:38:54	1.0	Surface	1	2	22.06	8.07	28.8	85.7	6.33	8.9	5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)6	15:38:47	2.2	Bottom	3	1	22.06	8.06	28.83	86	6.35	9.6	6.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)6	15:38:31	2.2	Bottom	3	2	22.07	8.04	28.8	87.3	6.45	9.3	6.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS7	15:45:22	1.0	Surface	1	1	22.15	8.1	28.58	84.6	6.25	9.9	5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS7	15:45:37	1.0	Surface	1	2	22.1	8.12	28.48	84.5	6.25	10.7	5.1
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS7	15:45:15	2.4	Bottom	3	1	22.18	8.1	28.69	84.9	6.26	12.1	5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS7	15:45:29	2.4	Bottom	3	2	22.17	8.15	28.68	84.7	6.25	11.8	5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS8	16:16:06	1.0	Surface	1	1	22.09	7.91	28.75	90.6	6.69	10.7	6.4
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS8	16:16:22	1.0	Surface	1	2	22.1	7.92	28.74	88.1	6.51	10	6.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS8	16:16:15	2.7	Bottom	3	1	22.1	7.91	28.88	89.7	6.62	10.4	5.7
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS8	16:15:57	2.7	Bottom	3	2	22.14	7.97	29.09	94.2	6.94	11.2	5.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)9	15:52:12	1.0	Surface	1	1	22.03	8.18	28.64	89	6.58	6.2	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)9	15:51:56	1.0	Surface	1	2	22.04	8.17	28.65	89.6	6.63	6.4	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)9	15:52:04	2.4	Bottom	3	1	22.08	8.18	28.72	89.4	6.6	6.2	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS(Mf)9	15:51:50	2.4	Bottom	3	2	22.05	8.16	28.69	90.2	6.67	6.5	3.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:58	1.0	Surface	1	1	20.94	7.81	29.8	87.5	6.56	2.5	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:18	1.0	Surface	1	2	20.99	7.8	29.55	87.4	6.56	2.6	2.6
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:49	5.3	Middle	2	1	21.01	7.8	30.63	87.2	6.5	3.5	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:08	5.3	Middle	2	2	21.01	7.8	30.78	87.5	6.52	3.6	3.1
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:37	9.5	Bottom	3	1	21.04	7.81	30.96	87.9	6.53	3.6	2.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	IS10	16:12:00	9.5	Bottom	3	2	21.01	7.8	30.87	88	6.55	3.6	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR3	15:14:59	0.8	Middle	2	1	21.95	7.93	29.26	89.6	6.62	8.8	5.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR3	15:15:07	0.8	Middle	2	2	21.96	7.93	29.26	89	6.57	8.8	4.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR4	16:03:36	1.0	Surface	1	1	22.13	7.91	28.83	87	6.42	8.7	5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR4	16:03:21	1.0	Surface	1	2	22.1	7.9	28.82	87.9	6.49	8.2	4.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR4	16:03:14	2.5	Bottom	3	1	22.09	7.89	28.86	88.3	6.52	8.4	4.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR4	16:03:30	2.5	Bottom	3	2	22.14	7.89	28.89	87.4	6.44	8.7	5.1
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR5	16:01:22	1.0	Surface	1	1	20.89	7.79	29.06	89.8	6.77	2.5	3.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR5	16:01:04	1.0	Surface	1	2	20.9	7.79	29.13	89.7	6.76	2.6	4.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR5	16:00:55	4.0	Bottom	3	1	20.94	7.78	30.21	90.7	6.78	2.5	4.1
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR5	16:01:12	4.0	Bottom	3	2	20.96	7.78	30.23	90.3	6.75	2.6	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:20:13	1.0	Surface	1	1	21.76	8.08	30.61	89.5	6.58	4.9	3.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:20:38	1.0	Surface	1	2	21.77	7.88	30.66	89.3	6.56	5.3	3.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:20:27	3.4	Middle	2	1	21.78	8.13	30.79	89.1	6.54	5.9	2.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:20:01	3.4	Middle	2	2	21.77	7.79	30.65	89.4	6.57	6	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:19:50	5.7	Bottom	3	1	21.77	7.85	30.73	89.2	6.55	5.7	2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10A	17:20:21	5.7	Bottom	3	2	21.77	8.11	30.77	89.4	6.57	5.6	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10B	17:33:06	1.0	Surface	1	1	21.76	7.88	30.71	88.9	6.53	5.4	2.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10B	17:32:49	1.0	Surface	1	2	21.76	7.87	30.67	88.9	6.53	5.2	3.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10B	17:32:41	3.7	Bottom	3	1	21.77	7.88	30.75	89.1	6.54	5.5	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	SR10B	17:32:59	3.7	Bottom	3	2	21.77	7.86	30.77	89	6.53	5.3	2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:01:25	1.0	Surface	1	1	20.89	7.82	30.3	90.4	6.76	7.4	2.1
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:00:54	1.0	Surface	1	2	20.93	7.84	30.42	96.8	7.16	7.5	3.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:00:47	4.0	Middle	2	1	20.98	7.85	30.66	91.3	6.82	7.7	2.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:01:10	4.0	Middle	2	2	20.97	7.83	31.42	90.8	6.74	7.7	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:00:28	6.9	Bottom	3	1	20.97	7.9	31.93	92.4	6.89	7.6	3.9
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS2	15:01:04	6.9	Bottom	3	2	20.96	7.83	31.72	91.5	6.78	7.5	2.7
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:53:47	1.0	Surface	1	1	21.9	7.9	30.19	85.9	6.32	7.1	3.7
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:52:59	1.0	Surface	1	2	21.89	7.85	30.18	86.2	6.34	7.1	3.7
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:52:44	6.7	Middle	2	1	21.97	7.86	30.43	85.9	6.3	8.1	2.4
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:53:32	6.7	Middle	2	2	21.98	7.86	30.42	85.5	6.27	8.2	3.2
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:53:21	12.3	Bottom	3	1	21.98	7.85	30.44	85.6	6.27	8.4	4.3
HKLR	HY/2011/03	2015-04-10	Mid-Ebb	Cloudy	CS(Mf)5	16:52:36	12.3	Bottom	3	2	21.96	7.89	30.44	86.2	6.32	8	4.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:40:15	1.0	Surface	1	1	22.09	8.18	28.02	84.8	6.29	7.1	4.6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:40:55	1.0	Surface	1	2	22.1	8.08	28.02	85	6.3	7	4.4
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:40:05	4.2	Middle	2	1	22.09	8.16	28.03	84.8	6.29	7.2	4.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:40:45	4.2	Middle	2	2	22.1	8.09	28.04	84.8	6.29	7.2	4.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:40:36	7.3	Bottom	3	1	22.1	8.12	28.05	84.8	6.29	6.9	4.6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS5	10:39:59	7.3	Bottom	3	2	22.11	8.09	28.07	84.7	6.28	7.1	6.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)6	10:29:22	1.0	Surface	1	1	22.09	8.13	28.06	86.9	6.45	6.9	5.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)6	10:29:34	1.0	Surface	1	2	22.08	8.14	28.05	86.3	6.41	6.9	4.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)6	10:29:16	2.2	Bottom	3	1	22.09	8.14	28.04	87.8	6.51	6.8	4.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)6	10:29:29	2.2	Bottom	3	2	22.09	8.09	28.04	86.4	6.41	7	7.2
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS7	10:21:45	1.0	Surface	1	1	22.04	8.19	28.3	88	6.52	8.3	6.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS7	10:21:32	1.0	Surface	1	2	22.05	8.19	28.34	88.2	6.53	8.8	5.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS7	10:21:39	2.2	Bottom	3	1	22.05	8.19	28.37	88.1	6.53	8.6	7.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS7	10:21:26	2.2	Bottom	3	2	22.06	8.18	28.45	88.1	6.52	9.2	6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS8	09:53:41	1.0	Surface	1	1	21.89	8.05	28.2	89.5	6.66	5.6	4.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS8	09:53:53	1.0	Surface	1	2	21.87	7.92	28.19	89.2	6.64	5.6	3.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS8	09:53:33	2.7	Bottom	3	1	21.89	8.03	28.27	90	6.69	5.9	3.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS8	09:53:46	2.7	Bottom	3	2	21.88	8.06	28.24	89.5	6.66	5.7	2.7
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)9	10:13:13	1.0	Surface	1	1	22.07	7.83	28.49	90.1	6.67	9.5	4.6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)9	10:13:24	1.0	Surface	1	2	22.07	7.87	28.5	89.1	6.6	9.6	4.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)9	10:13:07	2.5	Bottom	3	1	22.07	7.83	28.53	90.8	6.72	9.6	5.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS(Mf)9	10:13:18	2.5	Bottom	3	2	22.07	7.84	28.53	89.5	6.62	9.6	4.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:52:53	1.0	Surface	1	1	21	7.76	30.66	86.7	6.46	9.3	6.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:53:24	1.0	Surface	1	2	20.97	7.77	30.31	86.2	6.44	9.6	6.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:52:44	5.4	Middle	2	1	21.01	7.76	30.92	86.6	6.44	9.8	6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:53:11	5.4	Middle	2	2	21.01	7.76	30.97	86.2	6.41	9.7	6.2
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:52:32	9.8	Bottom	3	1	21	7.76	30.96	88	6.55	9.6	5.7
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	IS10	09:53:03	9.8	Bottom	3	2	21.01	7.76	30.98	87	6.47	9.5	6.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR3	10:51:01	0.8	Middle	2	1	22.06	8.15	27.98	85.2	6.33	6.6	3.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR3	10:50:55	0.8	Middle	2	2	22.06	8.13	27.98	85.2	6.33	6.6	5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR4	10:03:06	1.0	Surface	1	1	21.88	8.11	28.3	88.4	6.57	6.3	2.9
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR4	10:03:21	1.0	Surface	1	2	21.93	8.12	28.36	88.4	6.57	6	3.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR4	10:02:52	2.4	Bottom	3	1	21.98	8.11	28.33	88.5	6.57	6.5	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR4	10:03:12	2.4	Bottom	3	2	21.93	8.11	28.41	88.4	6.56	6.2	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR5	10:04:05	1.0	Surface	1	1	20.97	7.77	30.45	87.6	6.54	8.1	4.2
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR5	10:04:20	1.0	Surface	1	2	20.98	7.77	30.51	87.1	6.5	8.5	4.4
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR5	10:04:14	4.1	Bottom	3	1	20.97	7.77	30.5	87.4	6.52	8.4	5.7
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR5	10:03:58	4.1	Bottom	3	2	20.98	7.77	30.51	88.1	6.57	8.4	6.4
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:41:56	1.0	Surface	1	1	21.75	7.83	28.51	88	6.55	4.3	2.6
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:42:22	1.0	Surface	1	2	21.77	7.82	28.61	88	6.54	4.4	2.4
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:41:45	3.3	Middle	2	1	21.87	7.83	29.01	87.6	6.49	4.5	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:42:15	3.3	Middle	2	2	21.84	7.84	28.89	87.7	6.5	4.4	2.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:42:08	5.5	Bottom	3	1	21.86	7.84	29.29	88.1	6.52	4.4	2.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10A	08:41:40	5.5	Bottom	3	2	21.87	7.83	29.25	87.9	6.5	4.4	2.3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10B	08:27:56	1.0	Surface	1	1	21.77	7.81	27.46	89.2	6.68	4.3	2.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10B	08:28:11	1.0	Surface	1	2	21.82	7.79	27.87	89.1	6.65	4.3	4.1
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10B	08:27:47	3.8	Bottom	3	1	21.82	7.82	27.42	89.5	6.69	4.3	2.7
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	SR10B	08:28:03	3.8	Bottom	3	2	21.8	7.81	27.78	89.2	6.66	4.3	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:21:40	1.0	Surface	1	1	20.88	7.78	29.59	86.3	6.49	7.3	3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:22:09	1.0	Surface	1	2	20.88	7.78	29.65	86.6	6.51	7.4	3.4
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:21:58	4.1	Middle	2	1	21.01	7.77	30.36	86.9	6.49	7.6	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:21:28	4.1	Middle	2	2	21.02	7.78	30.37	86.1	6.42	7.7	3.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:21:16	7.1	Bottom	3	1	21.05	7.77	30.57	87.1	6.48	7.7	3
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS2	11:21:46	7.1	Bottom	3	2	20.92	7.77	30.62	87.1	6.5	7.8	3.2
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:11:45	1.0	Surface	1	1	21.76	7.89	28.8	87.1	6.47	4.2	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:12:18	1.0	Surface	1	2	21.82	7.89	28.86	87.1	6.46	4.1	2.8
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:11:26	6.8	Middle	2	1	21.91	7.84	30.17	85.5	6.28	4.2	2.2
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:12:02	6.8	Middle	2	2	21.91	7.87	30.26	86.4	6.35	4.1	2.7
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:11:16	12.5	Bottom	3	1	21.91	7.81	30.44	85.9	6.3	4.4	2.5
HKLR	HY/2011/03	2015-04-10	Mid-Flood	Fine	CS(Mf)5	09:11:55	12.5	Bottom	3	2	21.88	7.85	30.46	87.2	6.41	4.2	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:55	1.0	Surface	1	1	21.61	7.65	30.41	84.5	6.24	6.7	3.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:22	1.0	Surface	1	2	21.61	7.63	30.42	84.8	6.26	6.7	3.5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:14	4.4	Middle	2	1	21.69	7.62	30.73	84.9	6.25	7.5	3.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:47	4.4	Middle	2	2	21.72	7.65	30.81	84.5	6.21	7.7	3.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:06	7.7	Bottom	3	1	21.69	7.61	30.9	85.2	6.26	7.7	3.5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS5	09:35:37	7.7	Bottom	3	2	21.72	7.63	30.98	84.7	6.22	7.8	3.4
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)6	09:27:18	1.0	Surface	1	1	21.57	7.53	30.17	85.4	6.32	7.3	4.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)6	09:27:48	1.0	Surface	1	2	21.55	7.53	30.22	85.2	6.3	7.3	5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)6	09:27:12	2.2	Bottom	3	1	21.55	7.43	30.29	85.3	6.31	7.2	5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)6	09:27:41	2.2	Bottom	3	2	21.56	7.53	30.38	85.2	6.3	7.1	4.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS7	09:20:23	1.0	Surface	1	1	21.56	7.47	29.64	86.3	6.4	5.2	3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS7	09:20:37	1.0	Surface	1	2	21.53	7.48	29.65	86.2	6.4	5.3	2.5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS7	09:20:28	2.2	Bottom	3	1	21.66	7.48	29.85	86.5	6.4	5.2	2.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS7	09:20:14	2.2	Bottom	3	2	21.64	7.44	29.77	86.6	6.41	5.1	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS8	08:56:29	1.0	Surface	1	1	21.61	7.53	29.98	85.0	6.29	7.5	1.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS8	08:56:14	1.0	Surface	1	2	21.66	7.52	30.08	85.1	6.28	7.5	1.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS8	08:56:19	3.0	Bottom	3	1	21.67	7.52	30.39	85.6	6.31	7.6	1.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS8	08:56:06	3.0	Bottom	3	2	21.64	7.51	30.32	85.7	6.32	7.9	1.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)9	09:13:18	1.0	Surface	1	1	21.44	7.46	29.52	86.7	6.45	7.7	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)9	09:13:32	1.0	Surface	1	2	21.47	7.5	29.53	86.6	6.44	7.7	2.5
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)9	09:13:08	2.7	Bottom	3	1	21.59	7.46	29.96	87.2	6.46	7.7	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS(Mf)9	09:13:24	2.7	Bottom	3	2	21.48	7.5	29.88	87.0	6.45	7.6	2.2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:16:25	1.0	Surface	1	1	20.94	7.77	31.31	90.0	6.68	2.4	1.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:15:52	1.0	Surface	1	2	20.92	7.77	31.48	89.3	6.63	2.5	1.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:16:12	5.4	Middle	2	1	20.88	7.77	31.84	89.7	6.65	2.4	1.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:15:39	5.4	Middle	2	2	20.83	7.76	32.08	89.0	6.6	2.6	1.4
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:16:05	9.8	Bottom	3	1	20.89	7.76	31.84	90.2	6.69	2.8	1.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	IS10	08:15:33	9.8	Bottom	3	2	20.84	7.76	32.14	89.1	6.6	2.8	1.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR3	09:45:30	0.7	Middle	2	1	21.57	7.68	30.32	85.6	6.32	5.7	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR3	09:45:35	0.7	Middle	2	2	21.57	7.68	30.32	85.6	6.32	5.7	3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR4	09:03:38	1.0	Surface	1	1	21.67	7.5	30.09	85.2	6.29	6.7	3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR4	09:03:25	1.0	Surface	1	2	21.68	7.49	30.14	85.1	6.28	6.8	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR4	09:03:30	2.9	Bottom	3	1	21.69	7.49	30.35	85.7	6.32	6.7	3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR4	09:03:18	2.9	Bottom	3	2	21.72	7.49	30.44	86.1	6.34	6.8	2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR5	08:21:52	1.0	Surface	1	1	20.86	7.77	31.41	94.1	6.99	2	1.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR5	08:21:35	1.0	Surface	1	2	20.8	7.76	31.52	89.3	6.64	1.9	1.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR5	08:21:44	4.2	Bottom	3	1	20.84	7.76	32.27	93.0	6.91	2.1	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR5	08:21:28	4.2	Bottom	3	2	20.9	7.76	32.55	90.0	6.64	2	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:44:30	1.0	Surface	1	1	21.71	7.24	30.93	86.0	6.32	3.5	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:44:10	1.0	Surface	1	2	21.71	7.22	30.79	86.2	6.34	3.6	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:44:02	3.3	Middle	2	1	21.71	7.22	30.76	85.9	6.32	3.6	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:44:24	3.3	Middle	2	2	21.7	7.23	30.93	85.7	6.3	3.5	2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:44:18	5.5	Bottom	3	1	21.71	7.23	30.89	85.9	6.31	3.6	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10A	07:43:47	5.5	Bottom	3	2	21.71	7.22	30.64	86.0	6.32	3.6	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10B	07:33:09	1.0	Surface	1	1	21.71	7.3	31.27	86.1	6.31	3.3	2.3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10B	07:32:54	1.0	Surface	1	2	21.71	7.29	31.23	85.9	6.3	3.3	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10B	07:32:41	4.1	Bottom	3	1	21.7	7.27	31.24	86.0	6.3	3.3	2.2
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	SR10B	07:33:00	4.1	Bottom	3	2	21.71	7.3	31.27	86.0	6.3	3.4	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:33:03	1.0	Surface	1	1	20.7	7.77	33.09	91.5	6.8	2.3	2.3
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:32:43	1.0	Surface	1	2	20.69	7.79	33.07	93.5	6.9	2.3	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:32:57	4.2	Middle	2	1	20.7	7.77	33.3	90.9	6.71	2.3	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:32:36	4.2	Middle	2	2	20.7	7.8	33.31	95.7	7.06	2.4	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:32:51	7.3	Bottom	3	1	20.69	7.78	33.2	92.1	6.8	2.5	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS2	09:32:30	7.3	Bottom	3	2	20.68	7.81	33.38	98.9	7.29	2.5	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:19:57	1.0	Surface	1	1	21.77	7.17	31.57	85.1	6.21	3.8	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:18:37	1.0	Surface	1	2	21.78	7.15	31.78	85.5	6.24	3.7	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:18:26	6.1	Middle	2	1	21.77	7.14	31.86	85.3	6.23	4.1	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:19:12	6.1	Middle	2	2	21.78	7.17	31.86	85.3	6.24	4.1	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:18:17	11.1	Bottom	3	1	21.77	7.13	31.84	85.4	6.23	4.1	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Ebb	Sunny	CS(Mf)5	08:18:54	11.1	Bottom	3	2	21.77	7.17	31.87	84.9	6.19	4.3	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:45	1.0	Surface	1	1	21.9	7.27	31.86	85.5	6.23	7.3	3.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:22	1.0	Surface	1	2	21.78	7.25	31.96	85.8	6.26	7.4	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:38	4.2	Middle	2	1	21.72	7.27	32.12	85.1	6.21	7.7	3
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:16	4.2	Middle	2	2	21.71	7.25	32.11	85.8	6.26	7.7	3.1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:31	7.4	Bottom	3	1	21.8	7.25	32.09	85.6	6.23	7.6	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS5	12:12:09	7.4	Bottom	3	2	21.8	7.23	32.12	86.3	6.28	7.8	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)6	12:42:59	1.0	Surface	1	1	22.05	7.33	31.1	85.8	6.26	8.3	4.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)6	12:42:45	1.0	Surface	1	2	22.05	7.35	31.1	86.1	6.28	8.2	5.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)6	12:42:36	2.2	Bottom	3	1	22.03	7.21	31.17	86.1	6.28	8.4	6.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)6	12:42:50	2.2	Bottom	3	2	22.02	7.33	31.22	85.6	6.24	8.4	5.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS7	12:49:36	1.0	Surface	1	1	21.93	7.3	30.82	88.3	6.47	9.6	3.3
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS7	12:49:51	1.0	Surface	1	2	21.92	7.33	30.86	87.9	6.43	9.6	2.8
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS7	12:49:42	2.4	Bottom	3	1	21.93	7.31	30.96	88.1	6.45	9.5	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS7	12:49:26	2.4	Bottom	3	2	21.93	7.28	30.84	88.6	6.48	9.7	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS8	13:11:25	1.0	Surface	1	1	22.04	7.37	30.99	87.7	6.4	10.3	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS8	13:11:42	1.0	Surface	1	2	21.94	7.34	31.2	86.6	6.33	10.1	4.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS8	13:11:36	3.1	Bottom	3	1	21.9	7.23	31.52	87.1	6.35	10.3	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS8	13:11:17	3.1	Bottom	3	2	22.01	7.37	31.14	87.6	6.39	10.2	3.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)9	12:58:33	1.0	Surface	1	1	22.02	7.26	30.97	87.1	6.36	11.2	3.8
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)9	12:58:45	1.0	Surface	1	2	22.06	7.22	30.89	86.7	6.33	11.3	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)9	12:58:26	2.2	Bottom	3	1	22.01	7.32	31.19	87.3	6.36	11.4	3.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS(Mf)9	12:58:38	2.2	Bottom	3	2	22.02	7.22	31.19	86.8	6.33	11.1	3.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:47:57	1.0	Surface	1	1	21.29	7.76	30.78	92.1	6.82	1.8	3.8
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:48:27	1.0	Surface	1	2	21.28	7.76	30.79	92.2	6.83	1.7	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:48:20	5.5	Middle	2	1	21.03	7.76	31.03	91.8	6.82	1.8	2.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:47:49	5.5	Middle	2	2	21	7.76	31.07	91.4	6.79	1.9	3.8
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:48:13	10.0	Bottom	3	1	21.22	7.76	31.88	93.0	6.86	2.1	3.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	IS10	13:47:43	10.0	Bottom	3	2	21.21	7.75	31.95	92.1	6.79	2.2	4.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR3	12:01:38	0.7	Middle	2	1	21.82	7.45	31.61	90.0	6.57	5.7	3.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR3	12:01:34	0.7	Middle	2	2	21.82	7.44	31.59	90.3	6.59	5.7	4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR4	13:05:22	1.0	Surface	1	1	21.97	7.31	31.08	88.2	6.44	9.6	5.1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR4	13:05:10	1.0	Surface	1	2	21.99	7.26	31.05	88.6	6.47	9.8	4.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR4	13:05:16	2.7	Bottom	3	1	21.98	7.3	31.19	88.6	6.47	9.8	3.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR4	13:05:03	2.7	Bottom	3	2	22.04	7.28	31.09	89.1	6.5	9.8	3.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR5	13:42:13	1.0	Surface	1	1	21.22	7.75	30.57	92.1	6.84	1.6	1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR5	13:41:55	1.0	Surface	1	2	21.18	7.75	32.04	91.8	6.76	1.7	1.5
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR5	13:41:48	4.4	Bottom	3	1	21.13	7.75	30.64	91.5	6.8	1.7	1.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR5	13:42:07	4.4	Bottom	3	2	21.21	7.75	30.57	91.6	6.81	1.7	1.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:22:04	1.0	Surface	1	1	21.95	7.36	33.09	86.5	6.25	3.1	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:22:31	1.0	Surface	1	2	21.94	7.39	33.1	86.3	6.23	3.2	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:22:24	3.3	Middle	2	1	21.91	7.38	33.16	86.1	6.22	3.3	2.7
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:21:57	3.3	Middle	2	2	21.92	7.35	33.15	86.3	6.23	3.2	2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:22:13	5.6	Bottom	3	1	21.92	7.36	33.16	86.4	6.24	3.1	2.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10A	14:21:51	5.6	Bottom	3	2	21.94	7.34	33.14	86.5	6.24	3.1	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10B	14:31:48	1.0	Surface	1	1	21.92	7.45	33.08	86.1	6.22	3.2	2.3
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10B	14:32:03	1.0	Surface	1	2	21.92	7.45	33.09	86.1	6.22	3.2	2.5
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10B	14:31:40	4.4	Bottom	3	1	21.9	7.45	33.13	86.1	6.22	3.2	2.4
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	SR10B	14:31:56	4.4	Bottom	3	2	21.91	7.45	33.12	86.0	6.22	3.3	2.9
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:28:34	1.0	Surface	1	1	20.95	7.77	32.44	91.2	6.73	2.1	2.2
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:29:08	1.0	Surface	1	2	20.99	7.74	32.11	90.1	6.66	2.3	2.5
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:28:19	4.2	Middle	2	1	20.91	7.82	32.39	90.3	6.67	2.3	3
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:28:57	4.2	Middle	2	2	20.86	7.74	32.59	90.3	6.67	2.3	2.1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:28:44	7.4	Bottom	3	1	20.92	7.75	32.25	90.1	6.66	2.5	2.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS2	12:27:58	7.4	Bottom	3	2	20.8	7.89	32.94	91.0	6.72	2.4	2.3
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:49:05	1.0	Surface	1	1	22.28	7.37	32.05	90.4	6.53	3.2	1.8
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:49:58	1.0	Surface	1	2	22.32	7.43	32.02	90.2	6.51	3.2	1.5
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:48:53	6.3	Middle	2	1	21.88	7.36	32.56	88.5	6.42	3.1	1.1
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:49:45	6.3	Middle	2	2	21.86	7.42	32.62	88.0	6.38	3.1	1.6
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:48:41	11.5	Bottom	3	1	21.86	7.31	32.7	89.0	6.45	3.1	1.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-13	Mid-Flood	Sunny	CS(Mf)5	13:49:32	11.5	Bottom	3	2	21.75	7.39	32.87	88.0	6.39	3.3	1.3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:51:47	1.0	Surface	1	1	22.41	7.89	30.89	93.6	6.79	9.2	6.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:50:29	1.0	Surface	1	2	22.37	7.85	30.89	93.6	6.79	9.4	6.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:51:32	4.4	Middle	2	1	22.31	7.88	31	92.8	6.74	9.7	6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:50:17	4.4	Middle	2	2	22.34	7.84	30.95	93.3	6.78	9.9	5.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:50:09	7.7	Bottom	3	1	22.34	7.83	30.97	93.4	6.78	10.2	7.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS5	11:51:24	7.7	Bottom	3	2	22.31	7.87	31.03	92.8	6.74	9.8	8.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)6	11:38:49	1.0	Surface	1	1	22.38	7.87	30.69	92.9	6.75	8.3	2.8
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)6	11:38:32	1.0	Surface	1	2	22.43	7.85	30.66	93.2	6.77	8	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)6	11:38:41	2.3	Bottom	3	1	22.35	7.86	30.73	92.8	6.75	9.2	3.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)6	11:38:23	2.3	Bottom	3	2	22.39	7.84	30.7	93.3	6.78	9	4.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS7	11:31:34	1.0	Surface	1	1	22.25	7.75	30.31	99.5	7.26	5.3	3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS7	11:31:48	1.0	Surface	1	2	22.24	7.77	30.33	99.6	7.27	5.7	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS7	11:31:42	2.3	Bottom	3	1	22.24	7.76	30.37	99.5	7.26	5.9	3.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS7	11:31:24	2.3	Bottom	3	2	22.24	7.74	30.36	99.4	7.25	5.7	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS8	10:58:08	1.0	Surface	1	1	22.19	7.57	30.52	98	7.15	5	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS8	10:58:24	1.0	Surface	1	2	22.17	7.59	30.55	97.9	7.14	5.1	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS8	10:57:57	2.6	Bottom	3	1	22.16	7.56	30.56	97.9	7.15	5.3	2.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS8	10:58:15	2.6	Bottom	3	2	22.12	7.58	30.6	97.7	7.13	5.3	2.9
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)9	11:24:15	1.0	Surface	1	1	22.25	7.67	30.28	99.6	7.27	5.5	3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)9	11:23:58	1.0	Surface	1	2	22.25	7.65	30.33	99.6	7.27	5.3	4.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)9	11:23:49	2.3	Bottom	3	1	22.24	7.64	30.4	99.6	7.26	7.8	4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS(Mf)9	11:24:06	2.3	Bottom	3	2	22.24	7.65	30.41	99.5	7.26	7.3	3.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:01:09	1.0	Surface	1	1	21.27	7.86	29.67	96.6	7.2	1.8	0.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:01:34	1.0	Surface	1	2	21.1	7.84	30.68	97	7.22	1.8	0.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:01:00	5.5	Middle	2	1	21.13	7.82	32.47	95.7	7.04	2.2	0.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:01:26	5.5	Middle	2	2	21.13	7.83	32.49	97.7	7.19	2.3	1.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:01:20	9.9	Bottom	3	1	21.13	7.84	32.48	99	7.28	2.2	1.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	IS10	11:00:52	9.9	Bottom	3	2	21.13	7.82	32.63	97.2	7.14	2.2	1.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR3	12:02:01	0.8	Middle	2	1	22.41	7.95	30.89	94.2	6.84	8.9	3.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR3	12:01:55	0.8	Middle	2	2	22.43	7.94	30.88	94.3	6.84	8.9	4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR4	11:11:37	1.0	Surface	1	1	22.3	7.64	30.51	97.9	7.13	4.9	3.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR4	11:11:20	1.0	Surface	1	2	22.25	7.64	30.53	97.8	7.13	4.6	2.3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR4	11:11:14	2.8	Bottom	3	1	22.19	7.63	30.56	97.5	7.11	4.7	3.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR4	11:11:27	2.8	Bottom	3	2	22.24	7.64	30.57	97.8	7.13	5.2	2.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR5	11:09:41	1.0	Surface	1	1	21.08	7.85	31.67	99.5	7.36	1.8	1.9
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR5	11:09:55	1.0	Surface	1	2	21.09	7.85	30.52	99.9	7.44	1.7	0.9
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR5	11:09:48	4.1	Bottom	3	1	21.08	7.85	31.83	100	7.39	1.9	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR5	11:09:35	4.1	Bottom	3	2	21.08	7.85	31.96	100	7.38	1.8	2.8
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:51	1.0	Surface	1	1	22.03	7.71	31.23	88.9	6.48	3.6	3.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:30	1.0	Surface	1	2	22.03	7.89	31.17	89	6.49	3.6	2.9
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:43	3.4	Middle	2	1	22.03	7.88	31.25	88.8	6.48	3.6	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:21	3.4	Middle	2	2	22.02	7.87	31.18	88.8	6.47	3.7	2.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:37	5.7	Bottom	3	1	22.03	7.88	31.22	88.9	6.48	3.6	3.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10A	09:35:15	5.7	Bottom	3	2	22.03	7.87	31.16	88.8	6.48	3.7	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10B	09:22:08	1.0	Surface	1	1	22.03	7.86	30.67	89.2	6.52	3.7	2.2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10B	09:21:48	1.0	Surface	1	2	22.04	7.84	30.42	89.5	6.55	3.6	2.3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10B	09:21:40	4.3	Bottom	3	1	22.03	7.81	30.34	89.5	6.56	3.8	2.1
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	SR10B	09:21:58	4.3	Bottom	3	2	22.02	7.83	30.61	89.4	6.54	3.6	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:15:47	1.0	Surface	1	1	21.03	7.89	30.04	99.9	7.46	3.3	2
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:16:11	1.0	Surface	1	2	21.06	7.88	29.87	99	7.4	3.3	3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:15:38	4.1	Middle	2	1	20.99	7.85	32.15	99.5	7.35	3.2	3
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:16:03	4.1	Middle	2	2	20.99	7.85	32.17	99.1	7.32	3.3	4.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:15:56	7.1	Bottom	3	1	21.01	7.87	32.31	101.8	7.51	3.2	3.7
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS2	12:15:31	7.1	Bottom	3	2	20.99	7.86	32.33	102.5	7.56	3.2	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:13:07	1.0	Surface	1	1	22.37	7.85	31.06	95.2	6.91	3.7	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:13:49	1.0	Surface	1	2	22.35	7.87	31.04	95.3	6.91	4	3.5
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:12:50	6.8	Middle	2	1	22.13	7.82	31.38	93.4	6.79	3.8	2.8
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:13:30	6.8	Middle	2	2	22.13	7.84	31.35	93.4	6.79	3.5	2.6
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:12:41	12.6	Bottom	3	1	22.18	7.8	31.34	94.1	6.84	4.1	3.8
HKLR	HY/2011/03	2015-04-15	Mid-Ebb	Sunny	CS(Mf)5	10:13:20	12.6	Bottom	3	2	22.16	7.83	31.32	94.5	6.86	4.2	3.5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:51:04	1.0	Surface	1	1	23.12	7.79	32.91	96.6	6.84	6.4	4.5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:50:38	1.0	Surface	1	2	22.98	7.77	33.02	95.4	6.77	6.4	4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:50:30	4.2	Middle	2	1	22.78	7.77	33.18	94.3	6.71	6.6	4.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:50:51	4.2	Middle	2	2	22.83	7.78	33.15	95.3	6.77	6.5	5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:50:46	7.4	Bottom	3	1	22.94	7.77	33.06	95.6	6.78	6.5	6.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS5	14:50:22	7.4	Bottom	3	2	22.74	7.76	33.21	94.5	6.72	6.7	5.1
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)6	15:01:41	1.0	Surface	1	1	23.11	7.66	32.63	100.6	7.14	5.2	2.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)6	15:01:57	1.0	Surface	1	2	23.14	7.67	32.6	101.4	7.19	5.3	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)6	15:01:49	2.2	Bottom	3	1	23.04	7.67	32.72	100.7	7.15	6.6	2.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)6	15:01:34	2.2	Bottom	3	2	22.81	7.66	33.02	99.5	7.08	6.3	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS7	15:09:17	1.0	Surface	1	1	22.6	7.62	32.49	103.5	7.41	7.8	4.1
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS7	15:09:01	1.0	Surface	1	2	22.56	7.61	32.45	103.2	7.4	7.7	4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS7	15:09:07	2.3	Bottom	3	1	22.49	7.62	32.5	103	7.39	9.7	5.5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS7	15:08:53	2.3	Bottom	3	2	22.71	7.6	32.39	103.2	7.39	10.2	4.5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS8	15:40:34	1.0	Surface	1	1	23.17	7.69	32.38	104.4	7.41	11.7	11.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS8	15:40:22	1.0	Surface	1	2	23.13	7.66	32.4	103.8	7.37	12.6	11.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS8	15:40:28	2.3	Bottom	3	1	23.14	7.67	32.37	103.9	7.38	12	10.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS8	15:40:15	2.3	Bottom	3	2	23.1	7.66	32.36	102.9	7.32	13.3	11.5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)9	15:16:21	1.0	Surface	1	1	22.87	7.7	32.42	105.6	7.53	8.1	4.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)9	15:16:09	1.0	Surface	1	2	22.97	7.69	32.38	105.3	7.5	7.8	4.3
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)9	15:16:02	2.2	Bottom	3	1	22.93	7.69	32.43	105.2	7.5	8	6.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS(Mf)9	15:16:14	2.2	Bottom	3	2	22.91	7.7	32.38	105	7.49	8.1	5.8
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:50:50	1.0	Surface	1	1	21.71	7.9	29.81	102.5	7.58	2.2	4.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:51:26	1.0	Surface	1	2	21.82	7.91	29.74	105.7	7.8	2.2	5.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:51:12	5.5	Middle	2	1	21.14	7.86	31.88	99.7	7.36	2.4	3.6
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:50:40	5.5	Middle	2	2	21.17	7.86	31.62	97.9	7.23	2.4	3.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:50:31	9.9	Bottom	3	1	21.12	7.85	32.35	99.7	7.34	2.4	5.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	IS10	15:51:04	9.9	Bottom	3	2	21.19	7.86	32.26	103.6	7.62	2.4	6.6
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR3	14:36:57	0.8	Middle	2	1	23.19	7.67	32.62	98.5	6.98	6	2.8
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR3	14:37:07	0.8	Middle	2	2	23.09	7.67	32.76	98.5	6.99	6.1	3.6
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR4	15:28:12	1.0	Surface	1	1	23.16	7.59	32.4	104.7	7.43	11.5	5
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR4	15:28:29	1.0	Surface	1	2	23.18	7.6	32.37	104.4	7.41	11.5	5.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR4	15:28:04	2.3	Bottom	3	1	23.02	7.6	32.43	104.1	7.4	11.2	11.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR4	15:28:19	2.3	Bottom	3	2	23.14	7.6	32.37	104.3	7.4	11.3	11.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR5	15:38:19	1.0	Surface	1	1	21.58	7.91	30.37	110.9	8.19	2.2	2.1
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR5	15:38:03	1.0	Surface	1	2	21.54	7.9	30.46	110.1	8.13	2.3	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR5	15:38:11	4.1	Bottom	3	1	21.55	7.9	30.58	111	8.19	2.2	3.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR5	15:37:56	4.1	Bottom	3	2	21.53	7.9	30.73	110.9	8.18	2.2	2.3
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:55:32	1.0	Surface	1	1	22.25	7.81	33.67	91	6.52	4.1	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:55:01	1.0	Surface	1	2	22.24	7.8	33.69	91.2	6.53	4	2.3
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:55:20	3.3	Middle	2	1	22.23	7.8	33.75	90.8	6.5	4	3.2
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:54:52	3.3	Middle	2	2	22.24	7.8	33.72	91.1	6.52	4	2.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:55:15	5.6	Bottom	3	1	22.23	7.79	33.75	90.8	6.5	4.1	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10A	16:54:45	5.6	Bottom	3	2	22.24	7.79	33.73	91.1	6.52	4.1	3.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10B	17:08:51	1.0	Surface	1	1	22.24	7.83	33.68	90.6	6.49	4.5	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	2015-04-15	Mid-Flood	Sunny	SR10B	17:08:32	1.0	Surface	1	2	22.24	7.83	33.68	90.8	6.5	4.3	3.9
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10B	17:08:42	4.1	Bottom	3	1	22.23	7.82	33.71	90.5	6.48	4.3	3.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	SR10B	17:08:24	4.1	Bottom	3	2	22.24	7.82	33.71	90.8	6.5	4.3	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:32:07	1.0	Surface	1	1	22.69	7.85	28.84	106	7.75	2.6	1.8
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:31:35	1.0	Surface	1	2	22.69	7.85	28.9	104.6	7.64	2.5	1.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:31:55	4.1	Middle	2	1	21.33	7.82	31.18	102.6	7.58	2.7	1.1
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:31:24	4.1	Middle	2	2	21.32	7.83	31.32	100.3	7.4	2.7	1.3
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:31:45	7.2	Bottom	3	1	21.26	7.83	31.8	105.8	7.79	2.8	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS2	14:30:59	7.2	Bottom	3	2	21.2	7.87	32.02	100.6	7.41	2.9	2.4
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:19:25	1.0	Surface	1	1	22.77	7.68	31.67	104.1	7.47	4.4	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:20:06	1.0	Surface	1	2	22.78	7.71	31.66	105	7.54	4.6	2.8
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:19:48	6.8	Middle	2	1	22.38	7.69	32.53	99.6	7.16	5	2.7
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:19:08	6.8	Middle	2	2	22.36	7.68	32.57	97.8	7.03	4.6	3
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:19:42	12.6	Bottom	3	1	22.34	7.67	32.73	101.2	7.28	4.5	2.1
HKLR	HY/2011/03	2015-04-15	Mid-Flood	Sunny	CS(Mf)5	16:18:59	12.6	Bottom	3	2	22.28	7.65	32.81	99.6	7.16	4.5	2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:55	1.0	Surface	1	1	23.12	7.52	29.35	105.6	7.63	9.7	8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:25	1.0	Surface	1	2	23.12	7.5	29.36	105.5	7.62	9.8	7.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:45	4.2	Middle	2	1	23.13	7.52	29.42	105.4	7.61	9.8	7.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:15	4.2	Middle	2	2	23.12	7.51	29.4	105.2	7.6	9.8	8.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:35	7.4	Bottom	3	1	23.11	7.5	29.41	105.3	7.61	9.9	8.5
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS5	12:55:07	7.4	Bottom	3	2	23.13	7.5	29.41	105.4	7.62	10.7	11.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)6	12:47:55	1.0	Surface	1	1	23.37	7.49	29.64	104.8	7.53	9.5	6.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)6	12:48:11	1.0	Surface	1	2	23.4	7.51	29.66	105.3	7.56	9.4	5.7
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)6	12:48:04	2.2	Bottom	3	1	23.39	7.5	29.68	104.9	7.53	9.5	6.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)6	12:47:49	2.2	Bottom	3	2	23.36	7.49	29.64	104.4	7.5	9.3	7.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS7	12:41:16	1.0	Surface	1	1	23.42	7.49	29.67	119	8.54	7.5	4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS7	12:41:30	1.0	Surface	1	2	23.49	7.5	29.66	119.8	8.58	7.4	3.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS7	12:41:22	2.1	Bottom	3	1	23.44	7.49	29.65	119.2	8.55	7.6	3
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS7	12:41:10	2.1	Bottom	3	2	23.43	7.48	29.65	118.6	8.51	7.5	3.9
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS8	12:16:38	1.0	Surface	1	1	23.27	7.38	29.59	112.7	8.11	7.5	1.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS8	12:16:21	1.0	Surface	1	2	23.38	7.37	29.44	114.1	8.21	7.6	2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS8	12:16:32	3.0	Bottom	3	1	23.22	7.37	29.71	113	8.13	7.6	1.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS8	12:16:13	3.0	Bottom	3	2	23.36	7.36	29.57	114.7	8.25	7.7	2.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)9	12:33:48	1.0	Surface	1	1	23.44	7.49	29.62	116.4	8.35	8.6	2.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)9	12:34:03	1.0	Surface	1	2	23.53	7.49	29.58	117	8.38	8.4	2.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)9	12:33:41	2.6	Bottom	3	1	23.37	7.48	29.64	115.6	8.31	8.6	3.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS(Mf)9	12:33:54	2.6	Bottom	3	2	23.45	7.49	29.59	116.3	8.35	8.6	3.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:10:28	1.0	Surface	1	1	22.34	7.89	29.22	105.3	7.72	3.2	3.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:11:13	1.0	Surface	1	2	22.2	7.89	29.33	105.1	7.72	3.2	3.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:10:49	5.2	Middle	2	1	21.83	7.87	29.89	102.6	7.57	5	3.3
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:09:19	5.2	Middle	2	2	21.86	7.86	29.84	101.7	7.49	4.8	4.9
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:09:05	9.3	Bottom	3	1	21.88	7.86	29.83	103.1	7.59	5	3.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	IS10	12:10:37	9.3	Bottom	3	2	22.01	7.88	29.69	104.4	7.68	5.6	3.7
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR3	13:05:35	0.7	Middle	2	1	23.14	7.58	29.36	105.8	7.64	9.5	9.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR3	13:05:40	0.7	Middle	2	2	23.14	7.58	29.36	105.8	7.64	9.4	8.3
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR4	12:24:18	1.0	Surface	1	1	23.27	7.46	29.65	111.4	8.01	6.5	1.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR4	12:24:04	1.0	Surface	1	2	23.2	7.45	29.72	111.5	8.03	6.7	1.6
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR4	12:23:57	2.8	Bottom	3	1	23.22	7.44	29.7	111.8	8.05	6.6	3.5
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR4	12:24:11	2.8	Bottom	3	2	23.18	7.45	29.74	110.9	7.99	6.5	3.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR5	12:16:57	1.0	Surface	1	1	22.15	7.89	29.39	103.5	7.61	3	2.5
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR5	12:17:17	1.0	Surface	1	2	22.12	7.9	29.43	103.6	7.62	3.3	2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR5	12:16:44	4.0	Bottom	3	1	21.98	7.89	29.69	102.7	7.56	3.7	2.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR5	12:17:08	4.0	Bottom	3	2	22.03	7.89	29.64	103.2	7.59	4.1	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	2015-04-17	Mid-Ebb	Sunny	SR10A	11:00:46	1.0	Surface	1	1	22.71	7.35	30.02	96.6	7.01	3.4	1.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10A	11:01:10	1.0	Surface	1	2	22.72	7.35	30.02	96.4	6.99	3.5	2.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10A	11:00:40	3.4	Middle	2	1	22.68	7.33	30.1	96.4	6.99	3.3	3.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10A	11:01:02	3.4	Middle	2	2	22.68	7.34	30.12	96.3	6.98	3.4	2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10A	11:00:56	5.7	Bottom	3	1	22.7	7.33	30.11	96.3	6.98	3.4	1.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10A	11:00:33	5.7	Bottom	3	2	22.71	7.32	30.05	96.6	7	3.5	2.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10B	10:50:38	1.0	Surface	1	1	22.76	7.24	29.5	97.5	7.09	3.3	1.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10B	10:50:53	1.0	Surface	1	2	22.77	7.24	29.54	97.6	7.09	3.3	2.3
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10B	10:50:31	4.1	Bottom	3	1	22.73	7.25	29.57	97.4	7.08	3.3	2.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	SR10B	10:50:46	4.1	Bottom	3	2	22.76	7.22	29.57	97.6	7.09	3.2	2.9
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:29:06	1.0	Surface	1	1	22.16	7.91	29.01	100.8	7.43	6.7	2.7
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:29:56	1.0	Surface	1	2	22.06	7.91	29.13	101	7.45	7	2.5
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:29:47	3.9	Middle	2	1	21.79	7.92	29.98	100.6	7.42	6.8	3.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:28:57	3.9	Middle	2	2	21.78	7.93	30.01	100.3	7.4	7.1	3.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:29:26	6.8	Bottom	3	1	21.78	7.92	30.02	100.5	7.41	8.2	5.5
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS2	13:28:45	6.8	Bottom	3	2	21.77	7.93	30.04	100.3	7.4	7.9	3.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:40:14	1.0	Surface	1	1	22.86	7.34	29.19	99.2	7.21	4.9	4.2
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:40:49	1.0	Surface	1	2	23.01	7.36	29.06	99.4	7.21	5.1	5.4
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:40:06	6.2	Middle	2	1	22.64	7.32	29.8	97.4	7.08	5.4	5.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:40:38	6.2	Middle	2	2	22.58	7.34	30.14	96.9	7.04	5.3	3.8
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:40:30	11.4	Bottom	3	1	22.63	7.33	30.16	98.9	7.18	5.3	3.1
HKLR	HY/2011/03	2015-04-17	Mid-Ebb	Sunny	CS(Mf)5	11:39:56	11.4	Bottom	3	2	22.65	7.3	30.06	99.8	7.24	5.3	4.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:51:51	1.0	Surface	1	1	23.53	7.26	31.76	112	7.92	8.4	4.6
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:52:14	1.0	Surface	1	2	23.55	7.29	31.73	111.7	7.91	8.5	6
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:51:45	4.6	Middle	2	1	23.53	7.27	31.81	111.9	7.92	8.5	5.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:52:07	4.6	Middle	2	2	23.53	7.3	31.81	111.6	7.9	8.5	6.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:51:38	8.1	Bottom	3	1	23.54	7.23	31.81	111.7	7.9	8.5	5.5
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS5	16:52:01	8.1	Bottom	3	2	23.54	7.24	31.8	111.5	7.89	8.6	6.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)6	16:59:45	1.0	Surface	1	1	24.09	7.44	31.67	116.4	8.16	11.4	10.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)6	16:59:58	1.0	Surface	1	2	24.11	7.45	31.65	116.7	8.18	11.2	9
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)6	16:59:48	2.1	Bottom	3	1	24.09	7.43	31.69	116.5	8.16	11.4	11.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)6	16:59:35	2.1	Bottom	3	2	24.1	7.43	31.7	116.2	8.15	11.3	8.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS7	17:07:19	1.0	Surface	1	1	24.19	7.34	31.55	131.8	9.23	14.2	10.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS7	17:07:05	1.0	Surface	1	2	24.17	7.35	31.55	130.9	9.17	14.3	9.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS7	17:07:12	2.2	Bottom	3	1	24.16	7.35	31.56	131.4	9.21	14.4	10.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS7	17:06:57	2.2	Bottom	3	2	24.15	7.38	31.56	129.7	9.09	14.2	9.6
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS8	17:31:04	1.0	Surface	1	1	23.25	7.55	31.2	107.6	7.68	20.1	21.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS8	17:31:16	1.0	Surface	1	2	23.25	7.54	31.2	107.7	7.69	20	21.5
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS8	17:30:56	3.2	Bottom	3	1	23.24	7.55	31.22	107.6	7.68	20.2	23.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS8	17:31:09	3.2	Bottom	3	2	23.25	7.54	31.21	107.5	7.67	20.3	21.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)9	17:13:06	1.0	Surface	1	1	23.73	7.41	31.28	119.3	8.44	12.6	7.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)9	17:12:55	1.0	Surface	1	2	23.73	7.41	31.29	118.9	8.41	12.3	9
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)9	17:12:45	2.7	Bottom	3	1	23.76	7.8	31.36	118.5	8.37	12.5	9.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS(Mf)9	17:12:59	2.7	Bottom	3	2	23.73	7.39	31.31	119.1	8.42	12.5	11.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:26	1.0	Surface	1	1	22.33	7.82	28.9	103.6	7.61	2.2	3.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:59	1.0	Surface	1	2	22.4	7.82	28.83	104.2	7.65	2.3	2.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:46	5.2	Middle	2	1	22.08	7.82	29.33	102.4	7.54	2.4	2.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:13	5.2	Middle	2	2	22.07	7.81	29.32	102.2	7.52	2.6	2.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:03	9.4	Bottom	3	1	22.09	7.82	29.33	101.1	7.45	2.5	3.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	IS10	17:49:39	9.4	Bottom	3	2	22.11	7.82	29.31	102.8	7.57	2.4	2.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR3	16:41:19	0.7	Middle	2	1	23.58	7.35	31.48	111.6	7.9	7.5	5.9
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR3	16:41:13	0.7	Middle	2	2	23.58	7.34	31.45	111.2	7.88	7.6	5.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR4	17:26:03	1.0	Surface	1	1	23.26	7.54	31.21	107.6	7.67	18.9	15.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR4	17:25:50	1.0	Surface	1	2	23.23	7.54	31.22	107.2	7.65	18.9	16.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR4	17:25:42	2.7	Bottom	3	1	23.22	7.52	31.24	107	7.63	19.8	19.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR4	17:25:55	2.7	Bottom	3	2	23.24	7.54	31.23	107.3	7.66	19.2	19.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR5	17:41:53	1.0	Surface	1	1	22.5	7.82	28.73	104.4	7.66	1.9	3.5
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR5	17:42:17	1.0	Surface	1	2	22.41	7.82	28.81	104	7.64	2	2.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR5	17:41:35	4.3	Bottom	3	1	22.08	7.81	29.14	102.6	7.56	2	2.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR5	17:42:05	4.3	Bottom	3	2	22.09	7.81	29.15	103.6	7.63	2.1	2.6
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:53:31	1.0	Surface	1	1	22.83	7.41	31.23	97	6.97	4.5	4.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:52:31	1.0	Surface	1	2	22.83	7.35	31.23	97.2	6.99	4.5	3.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:53:10	3.3	Middle	2	1	22.8	7.38	31.42	96.5	6.93	4.4	4.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:52:11	3.3	Middle	2	2	22.81	7.31	31.32	96.9	6.96	4.5	4.5
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:52:03	5.6	Bottom	3	1	22.82	7.26	31.32	97	6.97	4.5	4.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10A	18:52:42	5.6	Bottom	3	2	22.79	7.3	31.49	96.8	6.95	4.6	3.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10B	19:00:54	1.0	Surface	1	1	22.77	7.4	31.47	96.2	6.91	5.5	3.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10B	19:01:14	1.0	Surface	1	2	22.8	7.37	31.33	96.1	6.9	5.4	5.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10B	19:00:46	4.3	Bottom	3	1	22.77	7.4	31.55	96.2	6.91	5.2	4.4
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	SR10B	19:01:04	4.3	Bottom	3	2	22.76	7.35	31.58	95.9	6.88	5.3	6.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:24:00	1.0	Surface	1	1	22.17	7.85	28.89	99.9	7.36	2.6	3.3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:23:29	1.0	Surface	1	2	22.21	7.87	28.88	99.9	7.36	2.7	3.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:23:13	3.9	Middle	2	1	21.89	7.89	29.46	96.7	7.14	3.3	4.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:23:51	3.9	Middle	2	2	21.88	7.84	29.36	99.8	7.37	3.1	5.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:23:04	6.7	Bottom	3	1	21.9	7.95	29.54	95.6	7.05	3.7	2.1
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS2	16:23:42	6.7	Bottom	3	2	21.92	7.85	29.41	99.4	7.33	4	2.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:13:04	1.0	Surface	1	1	23.13	7.28	30.04	100.8	7.25	9.2	3
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:13:36	1.0	Surface	1	2	23.12	7.28	30.11	100.7	7.25	9.3	3.2
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:13:24	6.4	Middle	2	1	22.88	7.29	30.95	99.2	7.14	9.5	3.8
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:12:53	6.4	Middle	2	2	22.88	7.33	30.96	99.1	7.13	9.3	3.6
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:13:17	11.8	Bottom	3	1	22.94	7.24	30.92	100.5	7.22	9.8	3.7
HKLR	HY/2011/03	2015-04-17	Mid-Flood	Sunny	CS(Mf)5	18:12:44	11.8	Bottom	3	2	22.92	7.28	31.01	100.5	7.22	9.5	3.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:33	1.0	Surface	1	1	23.7	7.49	30.26	88.6	6.3	14.5	12.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:58	1.0	Surface	1	2	23.68	7.5	30.25	88.4	6.29	14.3	12.9
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:50	4.3	Middle	2	1	23.67	7.5	30.28	88.3	6.29	14.4	10.9
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:20	4.3	Middle	2	2	23.69	7.48	30.29	88.4	6.29	14.6	12.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:42	7.6	Bottom	3	1	23.68	7.49	30.28	88.4	6.29	14.2	16.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS5	12:51:09	7.6	Bottom	3	2	23.68	7.47	30.29	88.4	6.29	14.4	16.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)6	12:58:31	1.0	Surface	1	1	23.88	7.5	30.09	87.1	6.19	12.2	5.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)6	12:58:20	1.0	Surface	1	2	23.9	7.49	30.07	87.3	6.2	12.9	6.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)6	12:58:24	2.3	Bottom	3	1	23.89	7.5	30.1	87.1	6.19	12.6	6.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)6	12:58:12	2.3	Bottom	3	2	23.9	7.49	30.08	87.4	6.21	12.8	7.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS7	13:04:49	1.0	Surface	1	1	23.95	7.48	29.4	90.6	6.45	5.6	4.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS7	13:05:04	1.0	Surface	1	2	23.93	7.5	29.46	90.3	6.43	5.5	4.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS7	13:04:55	2.2	Bottom	3	1	23.9	7.49	29.59	90.6	6.45	5.5	4.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS7	13:04:37	2.2	Bottom	3	2	23.92	7.45	29.53	90.6	6.45	5.1	3.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS8	13:28:53	1.0	Surface	1	1	23.72	7.16	29.23	88.5	6.33	4.7	4.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS8	13:29:04	1.0	Surface	1	2	23.73	7.16	29.3	88.5	6.33	4.7	3.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS8	13:28:44	2.8	Bottom	3	1	23.74	7.16	29.48	88.5	6.32	4.6	4.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS8	13:28:58	2.8	Bottom	3	2	23.73	7.16	29.46	88.9	6.35	4.6	3.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)9	13:11:41	1.0	Surface	1	1	23.88	7.55	29.36	90.1	6.43	4.6	2.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)9	13:11:28	1.0	Surface	1	2	23.82	7.54	29.38	90	6.43	4.7	3.6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)9	13:11:33	2.6	Bottom	3	1	23.82	7.55	29.39	90	6.43	4.6	3.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS(Mf)9	13:11:22	2.6	Bottom	3	2	23.77	7.54	29.46	89.9	6.42	4.7	3.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:50:36	1.0	Surface	1	1	22.66	7.85	30.16	88.7	6.43	5.5	7.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:50:05	1.0	Surface	1	2	22.7	7.86	30.14	88.9	6.44	5.9	9.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:50:22	5.2	Middle	2	1	22.5	7.86	30.52	88.4	6.42	6.3	9.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:49:53	5.2	Middle	2	2	22.48	7.86	30.61	88.1	6.4	6.1	8.8
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:50:15	9.3	Bottom	3	1	22.52	7.86	30.59	88.8	6.44	7.2	8.6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	IS10	13:49:36	9.3	Bottom	3	2	22.44	7.87	30.77	88.8	6.44	7.5	8.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR3	12:41:25	0.7	Middle	2	1	23.72	7.31	30.35	89.7	6.38	13.2	14.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR3	12:41:31	0.7	Middle	2	2	23.72	7.33	30.34	89.6	6.37	12.8	13.7
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR4	13:22:36	1.0	Surface	1	1	23.74	7.19	29.22	89.5	6.4	5.5	3.9
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR4	13:22:49	1.0	Surface	1	2	23.74	7.17	29.34	88.8	6.35	5.4	4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR4	13:22:29	2.8	Bottom	3	1	23.74	7.22	29.3	89.6	6.41	5.5	5.6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR4	13:22:42	2.8	Bottom	3	2	23.74	7.17	29.42	89.5	6.39	5.5	4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR5	13:40:22	1.0	Surface	1	1	22.61	7.86	30.19	89.3	6.48	6.3	8.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR5	13:40:47	1.0	Surface	1	2	22.66	7.86	30.13	89.4	6.48	6	9.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR5	13:40:35	3.8	Bottom	3	1	22.55	7.86	30.4	89.4	6.49	6.2	7.6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR5	13:40:12	3.8	Bottom	3	2	22.49	7.87	30.57	89.2	6.48	6.4	7.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:32:11	1.0	Surface	1	1	23.56	7.34	29.41	89.4	6.41	4.9	4.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:31:51	1.0	Surface	1	2	23.56	7.34	29.42	89.1	6.39	5.1	5.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:31:44	3.2	Middle	2	1	23.44	7.34	29.62	88.5	6.35	5.2	4.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:32:04	3.2	Middle	2	2	23.48	7.33	29.59	89.2	6.39	5.2	4.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:31:37	5.4	Bottom	3	1	23.37	7.32	29.76	88.4	6.34	5.3	3.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10A	14:31:58	5.4	Bottom	3	2	23.58	7.33	29.46	89.3	6.4	5.2	2.9
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10B	14:41:08	1.0	Surface	1	1	23.57	7.31	29.41	89.8	6.44	5	3.7
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10B	14:41:17	1.0	Surface	1	2	23.54	7.32	29.45	89.7	6.43	4.9	5.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10B	14:41:01	4.2	Bottom	3	1	23.61	7.36	29.41	89.8	6.44	5	4.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	SR10B	14:41:12	4.2	Bottom	3	2	23.6	7.33	29.41	89.8	6.43	5	4.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:25:37	1.0	Surface	1	1	22.81	7.87	29.7	91.7	6.65	5.3	5.3
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:24:50	1.0	Surface	1	2	22.73	7.89	29.96	91.3	6.62	5.5	4.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:25:10	3.9	Middle	2	1	22.4	7.89	31.24	89.2	6.46	8.1	5.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:24:23	3.9	Middle	2	2	22.39	7.92	31.35	89.1	6.45	7.7	5.5
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:24:09	6.8	Bottom	3	1	22.4	7.93	31.4	89.5	6.47	8.9	3.2
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS2	12:24:59	6.8	Bottom	3	2	22.48	7.89	31.24	90.7	6.56	9	5.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:07:33	1.0	Surface	1	1	23.78	7.1	28.9	88.8	6.36	8.5	6.1
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:07:02	1.0	Surface	1	2	23.82	7.1	28.87	89	6.37	8.3	5.4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:06:52	6.1	Middle	2	1	23.51	7.08	29.13	88	6.32	8.4	6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:07:24	6.1	Middle	2	2	23.52	7.09	29.12	88	6.33	8.5	4
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:07:15	11.1	Bottom	3	1	23.57	7.08	29.09	88.4	6.35	8.6	5.6
HKLR	HY/2011/03	2015-04-20	Mid-Ebb	Cloudy	CS(Mf)5	14:06:40	11.1	Bottom	3	2	23.58	7.07	29.09	88.5	6.35	8.7	6.1
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:59:31	1.0	Surface	1	1	23.76	7.55	29.51	88.1	6.29	6.9	6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:58:45	1.0	Surface	1	2	23.76	7.51	29.52	88.2	6.3	6.9	6.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:58:38	4.2	Middle	2	1	23.75	7.51	29.58	88	6.28	6.9	4.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:59:22	4.2	Middle	2	2	23.75	7.55	29.57	88	6.28	6.8	4.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:58:29	7.4	Bottom	3	1	23.75	7.49	29.6	88	6.28	6.8	5.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS5	07:59:04	7.4	Bottom	3	2	23.75	7.53	29.6	87.9	6.27	6.8	5.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)6	07:51:21	1.0	Surface	1	1	23.79	7.45	29.23	90	6.43	5.3	2.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)6	07:51:36	1.0	Surface	1	2	23.78	7.48	29.21	89.8	6.42	5.3	3.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)6	07:51:29	2.2	Bottom	3	1	23.8	7.47	29.28	89.9	6.42	5.3	3.3
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)6	07:51:14	2.2	Bottom	3	2	23.79	7.44	29.27	90.1	6.44	5.5	4.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS7	07:45:10	1.0	Surface	1	1	23.69	7.41	29.1	89	6.38	6	3.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS7	07:45:27	1.0	Surface	1	2	23.7	7.4	29.1	88.8	6.36	6.3	2.8
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS7	07:45:20	2.2	Bottom	3	1	23.72	7.42	29.27	89	6.37	6.4	4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS7	07:45:01	2.2	Bottom	3	2	23.72	7.4	29.29	89.3	6.39	6.2	3.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS8	07:20:30	1.0	Surface	1	1	23.56	7.41	28.33	89.6	6.46	9.4	5.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS8	07:20:07	1.0	Surface	1	2	23.57	7.36	28.3	89.9	6.49	9.2	5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS8	07:20:01	3.1	Bottom	3	1	23.57	7.35	28.32	90.1	6.5	9.2	5.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS8	07:20:24	3.1	Bottom	3	2	23.55	7.4	28.39	89.7	6.47	9.3	5.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)9	07:38:20	1.0	Surface	1	1	23.66	7.46	28.86	88.5	6.35	6.1	5.3
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)9	07:38:05	1.0	Surface	1	2	23.63	7.44	28.8	88.8	6.38	5.9	4.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)9	07:38:13	2.7	Bottom	3	1	23.67	7.45	28.96	88.7	6.37	6	4.8
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS(Mf)9	07:37:56	2.7	Bottom	3	2	23.66	7.44	28.91	88.8	6.38	6.2	4.8
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:35:03	1.0	Surface	1	1	22.47	7.82	30.31	88.8	6.45	7.9	13.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:34:35	1.0	Surface	1	2	22.46	7.82	30.32	89.5	6.51	8.5	14.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:34:53	5.2	Middle	2	1	22.46	7.82	30.36	89.4	6.5	8.2	14.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:34:25	5.2	Middle	2	2	22.46	7.82	30.34	89.6	6.51	8	15.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:34:16	9.3	Bottom	3	1	22.47	7.83	30.33	89.6	6.52	8.8	14.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	IS10	07:34:46	9.3	Bottom	3	2	22.46	7.82	30.35	89.5	6.51	8.6	14.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR3	08:06:20	0.7	Middle	2	1	23.78	7.61	29.48	88.1	6.29	6.3	3.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR3	08:06:15	0.7	Middle	2	2	23.78	7.6	29.48	88.2	6.3	6.2	5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR4	07:27:37	1.0	Surface	1	1	23.57	7.49	28.32	89.5	6.45	9.2	6.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR4	07:27:58	1.0	Surface	1	2	23.57	7.51	28.31	89.4	6.45	9.2	6.8
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR4	07:27:29	2.8	Bottom	3	1	23.56	7.49	28.37	89.4	6.45	9.2	5.9
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR4	07:27:46	2.8	Bottom	3	2	23.56	7.5	28.38	89.4	6.45	9.4	6.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR5	07:43:33	1.0	Surface	1	1	22.47	7.82	30.31	89.4	6.5	10.5	14.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR5	07:43:49	1.0	Surface	1	2	22.48	7.83	30.3	88.9	6.47	11	14.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR5	07:43:39	3.9	Bottom	3	1	22.47	7.82	30.31	89.5	6.51	10.6	14.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR5	07:43:27	3.9	Bottom	3	2	22.47	7.83	30.32	89.4	6.5	10.6	13.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:22:31	1.0	Surface	1	1	23.22	7.16	29.06	87.6	6.33	5.6	3.9
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:21:59	1.0	Surface	1	2	23.24	7.16	28.93	87.8	6.35	5.5	4.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:21:51	3.3	Middle	2	1	23.25	7.14	28.9	87.8	6.35	5.5	3.9
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:22:23	3.3	Middle	2	2	23.22	7.15	29.09	87.5	6.32	5.5	5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:21:44	5.6	Bottom	3	1	23.25	7.13	28.89	87.8	6.34	5.6	4.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10A	06:22:17	5.6	Bottom	3	2	23.23	7.13	29.08	87.3	6.31	5.5	3.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10B	06:12:24	1.0	Surface	1	1	23.25	7.13	28.45	87.9	6.37	6.5	5.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10B	06:12:02	1.0	Surface	1	2	23.25	7.12	28.24	87.8	6.38	6.4	5.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10B	06:12:13	3.9	Bottom	3	1	23.24	7.11	28.42	87.8	6.37	6.6	5.3
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	SR10B	06:11:53	3.9	Bottom	3	2	23.24	7.12	28.18	88	6.39	6.4	5.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:23	1.0	Surface	1	1	22.48	7.81	29.9	89.6	6.53	12.7	19.8
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:56	1.0	Surface	1	2	22.48	7.81	29.88	89.3	6.51	13.5	20.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:44	3.9	Middle	2	1	22.48	7.81	29.9	89.3	6.51	12.1	22.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:13	3.9	Middle	2	2	22.48	7.81	29.9	89.5	6.52	11.9	21.7
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:37	6.8	Bottom	3	1	22.48	7.81	29.9	89.3	6.51	14.4	23.2
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS2	08:59:05	6.8	Bottom	3	2	22.48	7.81	29.9	89.3	6.51	13.6	21
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:49:46	1.0	Surface	1	1	23.51	7.38	27.87	88.6	6.41	7.6	3.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:50:21	1.0	Surface	1	2	23.54	7.4	27.95	88.9	6.43	7.6	4.4
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:50:08	6.1	Middle	2	1	23.3	7.4	28.57	87.8	6.35	7.6	3.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:49:36	6.1	Middle	2	2	23.3	7.38	28.43	87.8	6.36	7.7	4.5
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:49:58	11.2	Bottom	3	1	23.34	7.38	28.46	88.2	6.38	7.7	3.6
HKLR	HY/2011/03	2015-04-20	Mid-Flood	Cloudy	CS(Mf)5	06:49:24	11.2	Bottom	3	2	23.33	7.35	28.32	88.3	6.39	7.6	2.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:09:28	1.0	Surface	1	1	23.68	7.84	31.92	85	5.99	9.2	7.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:08:59	1.0	Surface	1	2	23.66	7.82	31.96	84.9	5.99	9.1	6.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:08:50	4.4	Middle	2	1	23.64	7.82	32.06	84.9	5.98	9.2	6.7
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:09:16	4.4	Middle	2	2	23.64	7.84	32.06	84.8	5.98	9.8	6.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:08:42	7.7	Bottom	3	1	23.65	7.82	32.04	84.9	5.99	9.1	6.8
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS5	14:09:07	7.7	Bottom	3	2	23.66	7.84	32.03	84.9	5.98	9.7	6.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)6	14:19:11	1.0	Surface	1	1	23.89	7.81	31.44	85.7	6.04	8.3	7.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)6	14:19:00	1.0	Surface	1	2	23.9	7.8	31.44	85.8	6.05	8.8	7.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)6	14:18:53	2.2	Bottom	3	1	23.86	7.79	31.51	86.1	6.07	8.5	11.5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)6	14:19:05	2.2	Bottom	3	2	23.87	7.81	31.5	85.6	6.03	8.2	10

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS7	14:24:54	1.0	Surface	1	1	24.17	7.81	30.98	90.8	6.38	6.9	6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS7	14:25:06	1.0	Surface	1	2	24.08	7.83	31.01	90.6	6.38	7	5.9
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS7	14:25:01	2.3	Bottom	3	1	24.08	7.83	31.02	90.7	6.38	7.3	5.1
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS7	14:24:47	2.3	Bottom	3	2	24.08	7.8	31.02	91.1	6.42	7.2	7.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS8	14:56:16	1.0	Surface	1	1	23.99	7.89	30.66	87.7	6.2	6.8	6.5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS8	14:56:04	1.0	Surface	1	2	23.97	7.87	30.67	87.4	6.17	6.9	5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS8	14:56:09	2.6	Bottom	3	1	23.99	7.88	30.69	87.6	6.19	6.8	6.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS8	14:55:57	2.6	Bottom	3	2	23.99	7.87	30.69	87.2	6.16	7	5.5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)9	14:32:15	1.0	Surface	1	1	24.08	7.84	30.79	89.8	6.33	6.1	6.1
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)9	14:32:00	1.0	Surface	1	2	24.08	7.83	30.76	90.1	6.35	6.1	3.9
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)9	14:32:06	2.4	Bottom	3	1	23.97	7.84	30.81	89.6	6.33	6.6	4.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS(Mf)9	14:31:50	2.4	Bottom	3	2	23.98	7.82	30.81	90.1	6.36	6.8	4.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:18:59	1.0	Surface	1	1	23.03	7.78	29.66	87.5	6.32	4.2	6.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:19:39	1.0	Surface	1	2	22.91	7.78	29.85	86.8	6.28	4.3	6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:18:47	5.5	Middle	2	1	22.68	7.78	30.22	85.8	6.22	4.4	6.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:19:30	5.5	Middle	2	2	22.56	7.79	30.38	85.7	6.22	4.4	5.6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:19:20	10.0	Bottom	3	1	22.31	7.79	30.9	86.7	6.3	4.5	6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	IS10	15:18:34	10.0	Bottom	3	2	22.3	7.78	30.9	85.9	6.24	4.6	6.8
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR3	13:53:53	0.7	Middle	2	1	23.71	7.69	31.49	87.5	6.18	8.2	5.9
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR3	13:54:00	0.7	Middle	2	2	23.71	7.7	31.56	87.1	6.15	8	5.7
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR4	14:44:11	1.0	Surface	1	1	23.98	7.8	30.65	88.3	6.24	6.6	5.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR4	14:43:57	1.0	Surface	1	2	23.98	7.77	30.67	88.8	6.27	6.4	6.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR4	14:44:02	2.6	Bottom	3	1	23.97	7.78	30.7	88.5	6.25	6.5	6.8
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR4	14:43:48	2.6	Bottom	3	2	23.94	7.74	30.73	89.4	6.32	6.4	5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR5	15:08:31	1.0	Surface	1	1	23.07	7.78	29.58	89.7	6.48	2.4	4.5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR5	15:08:49	1.0	Surface	1	2	23.21	7.77	29.4	89.9	6.49	2.4	5.7
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR5	15:08:41	4.0	Bottom	3	1	23.09	7.77	29.55	89.7	6.48	2.5	4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR5	15:08:23	4.0	Bottom	3	2	22.98	7.78	29.83	89.4	6.46	2.4	5.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:02:05	1.0	Surface	1	1	24.1	7.87	30.69	90.5	6.38	4.1	4.6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:01:38	1.0	Surface	1	2	24.09	7.86	30.71	90.1	6.35	4.1	4.1
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:01:56	3.3	Middle	2	1	24.03	7.87	30.83	90	6.35	4	6.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:01:31	3.3	Middle	2	2	24.02	7.86	30.86	89.5	6.31	4	6.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:01:46	5.6	Bottom	3	1	24.01	7.85	30.9	90	6.35	4.1	5.5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10A	16:01:22	5.6	Bottom	3	2	23.79	7.85	31.29	89	6.29	3.9	5
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10B	16:13:07	1.0	Surface	1	1	24.11	7.9	30.67	90.9	6.41	4.2	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10B	16:13:25	1.0	Surface	1	2	24.11	7.91	30.68	90.8	6.4	4.1	5.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10B	16:13:16	3.9	Bottom	3	1	24.09	7.9	30.77	90.7	6.4	4.1	8.7
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	SR10B	16:12:57	3.9	Bottom	3	2	24.11	7.89	30.72	90.8	6.4	4.3	8.9
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:52:10	1.0	Surface	1	1	22.9	7.78	30.2	88.1	6.36	5.5	6.8
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:51:17	1.0	Surface	1	2	22.92	7.8	30.29	88.7	6.4	5.5	6.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:51:03	4.0	Middle	2	1	22.54	7.82	30.79	87.5	6.34	5.5	6.9
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:51:53	4.0	Middle	2	2	22.37	7.8	31	86.7	6.29	5.4	6.8
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:50:43	7.0	Bottom	3	1	22.18	7.87	31.79	88.5	6.41	5.5	6.2
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS2	13:51:45	7.0	Bottom	3	2	22.24	7.8	31.5	87	6.31	5.6	5.7
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:37:09	1.0	Surface	1	1	23.61	7.86	30.77	84.7	6.02	10.2	7.6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:36:37	1.0	Surface	1	2	23.62	7.84	30.73	85	6.04	10.3	7.3
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:36:24	6.6	Middle	2	1	23.56	7.87	30.96	84.6	6.01	12.7	8.6
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:37:00	6.6	Middle	2	2	23.56	7.86	30.96	84.4	6	12.8	8.4
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:36:17	12.1	Bottom	3	1	23.56	7.85	30.95	84.6	6.01	11.7	8.1
HKLR	HY/2011/03	2015-04-22	Mid-Ebb	Sunny	CS(Mf)5	15:36:50	12.1	Bottom	3	2	23.57	7.83	30.95	84.7	6.02	11.9	9.2
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:43:52	1.0	Surface	1	1	23.72	7.78	28.79	84.8	6.08	8.3	8.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:44:25	1.0	Surface	1	2	23.73	7.8	28.81	84.4	6.05	8.5	9.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:43:42	4.5	Middle	2	1	23.73	7.77	28.83	84.7	6.08	8.4	7.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:44:18	4.5	Middle	2	2	23.74	7.8	28.85	84.3	6.04	8.4	8.2
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:43:35	7.9	Bottom	3	1	23.72	7.76	28.83	84.8	6.08	8.3	7.5
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS5	09:44:10	7.9	Bottom	3	2	23.74	7.79	28.86	84.4	6.05	8.6	8.8
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)6	09:31:33	1.0	Surface	1	1	23.73	7.75	28.82	85.7	6.15	8.1	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)6	09:31:21	1.0	Surface	1	2	23.73	7.73	28.82	85.9	6.16	8	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)6	09:31:12	2.2	Bottom	3	1	23.73	7.76	28.82	86.3	6.19	8.2	9.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)6	09:31:25	2.2	Bottom	3	2	23.73	7.73	28.82	85.8	6.15	7.9	9.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS7	09:22:51	1.0	Surface	1	1	23.67	7.75	28.63	86.8	6.24	7.6	7.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS7	09:22:37	1.0	Surface	1	2	23.68	7.73	28.64	87.7	6.3	8.1	7.2
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS7	09:22:47	2.5	Bottom	3	1	23.67	7.74	28.67	87.1	6.26	7.9	7.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS7	09:22:31	2.5	Bottom	3	2	23.68	7.72	28.68	88.6	6.36	7.9	7.4
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS8	08:52:39	1.0	Surface	1	1	23.61	7.7	28.36	86.9	6.26	9.3	9.2
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS8	08:52:55	1.0	Surface	1	2	23.62	7.72	28.36	86.1	6.21	9.2	8.2
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS8	08:52:31	2.7	Bottom	3	1	23.61	7.69	28.36	87.6	6.31	9.6	10.4
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS8	08:52:48	2.7	Bottom	3	2	23.61	7.71	28.36	86.3	6.22	9.1	9.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)9	09:16:20	1.0	Surface	1	1	23.7	7.73	28.55	86.3	6.2	8.8	5.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)9	09:16:41	1.0	Surface	1	2	23.69	7.76	28.52	85.3	6.13	8.9	5.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)9	09:16:31	2.5	Bottom	3	1	23.74	7.75	28.66	85.6	6.15	9	6.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS(Mf)9	09:16:12	2.5	Bottom	3	2	23.73	7.72	28.65	87.1	6.25	9	6.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:40:35	1.0	Surface	1	1	22.48	7.78	30.23	85.6	6.23	9.2	8.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:40:06	1.0	Surface	1	2	22.48	7.77	30.23	86.1	6.26	9.2	7.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:39:56	5.5	Middle	2	1	22.42	7.77	30.41	85.7	6.23	9.5	8.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:40:25	5.5	Middle	2	2	22.42	7.78	30.42	85.6	6.23	9.4	9.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:39:49	10.0	Bottom	3	1	22.43	7.77	30.43	86.1	6.26	9.4	9.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	IS10	08:40:18	10.0	Bottom	3	2	22.43	7.77	30.44	85.8	6.24	9.5	7.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR3	09:54:15	0.8	Middle	2	1	23.69	7.79	28.74	84.8	6.09	8.8	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR3	09:54:25	0.8	Middle	2	2	23.66	7.79	28.72	84.8	6.09	8.5	8.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR4	09:04:20	1.0	Surface	1	1	23.62	7.79	28.36	85.3	6.15	9.7	8.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR4	09:04:08	1.0	Surface	1	2	23.61	7.78	28.36	85.4	6.15	9.9	8.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR4	09:04:02	2.9	Bottom	3	1	23.62	7.78	28.37	85.3	6.15	10	8.4
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR4	09:04:14	2.9	Bottom	3	2	23.62	7.79	28.37	85.3	6.15	9.7	9.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR5	08:50:04	1.0	Surface	1	1	22.48	7.78	30.24	85.7	6.23	6.5	8.8
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR5	08:50:20	1.0	Surface	1	2	22.5	7.78	30.21	85.9	6.25	6.3	9.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR5	08:50:10	4.2	Bottom	3	1	22.49	7.78	30.25	85.8	6.23	6.5	8.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR5	08:49:58	4.2	Bottom	3	2	22.48	7.78	30.28	85.6	6.22	6.8	9.5
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:48:36	1.0	Surface	1	1	23.28	7.82	29.02	84.9	6.13	5.4	7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:48:08	1.0	Surface	1	2	23.29	7.81	28.9	84.9	6.13	5.6	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:48:27	3.4	Middle	2	1	23.28	7.81	29.04	84.7	6.12	5.8	6.6
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:48:01	3.4	Middle	2	2	23.28	7.82	28.92	84.8	6.13	5.2	7.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:48:19	5.8	Bottom	3	1	23.28	7.81	29.02	84.6	6.11	5.4	7.8
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10A	07:47:55	5.8	Bottom	3	2	23.28	7.81	28.93	84.7	6.12	5.4	8.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10B	07:35:33	1.0	Surface	1	1	23.28	7.78	28.07	85.2	6.18	5.1	5.5
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10B	07:35:16	1.0	Surface	1	2	23.29	7.77	27.64	85.3	6.21	5.3	5.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10B	07:35:24	3.8	Bottom	3	1	23.29	7.79	27.85	85.4	6.21	5.2	5.9
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	SR10B	07:35:09	3.8	Bottom	3	2	23.29	7.77	27.45	85.5	6.23	5.4	4.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:00:53	1.0	Surface	1	1	22.45	7.78	29.89	85.4	6.23	12.8	16.3
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:01:17	1.0	Surface	1	2	22.45	7.78	29.87	85.5	6.24	12.2	15.5
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:00:44	4.0	Middle	2	1	22.43	7.78	29.93	85.1	6.2	13.2	16.8
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:01:07	4.0	Middle	2	2	22.43	7.78	29.95	85.5	6.24	13.5	15.1
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:00:37	7.0	Bottom	3	1	22.43	7.79	29.97	85.4	6.22	13.3	15.4
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS2	10:01:01	7.0	Bottom	3	2	22.44	7.78	29.94	85.6	6.24	13.4	15.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:18:12	1.0	Surface	1	1	23.52	7.75	28.17	86.2	6.23	6.5	6.7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:18:44	1.0	Surface	1	2	23.51	7.76	28.34	85.5	6.18	6.9	6.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:18:33	6.7	Middle	2	1	23.42	7.76	29	85.1	6.13	8.1	5.3
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:17:47	6.7	Middle	2	2	23.4	7.74	29.1	85	6.12	8.3	5
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:17:37	12.4	Bottom	3	1	23.4	7.74	29.13	85.3	6.14	8.9	7
HKLR	HY/2011/03	2015-04-22	Mid-Flood	Sunny	CS(Mf)5	08:18:25	12.4	Bottom	3	2	23.41	7.76	29.09	85.4	6.15	8.9	5.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:31:27	1.0	Surface	1	1	23.71	7.9	34.2	88.7	6.17	8.5	4.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:30:55	1.0	Surface	1	2	23.71	7.91	34.26	88.8	6.17	8.6	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:31:17	4.2	Middle	2	1	23.71	7.91	34.24	88.5	6.15	8.5	5.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:30:44	4.2	Middle	2	2	23.71	7.92	34.32	88.5	6.15	8.5	5.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:31:06	7.4	Bottom	3	1	23.71	7.92	34.28	88.4	6.15	8.7	5.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS5	15:30:34	7.4	Bottom	3	2	23.71	7.92	34.36	88.4	6.15	8.6	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)6	15:50:05	1.0	Surface	1	1	23.89	8.08	33.04	92.7	6.47	7.7	4.8
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)6	15:50:24	1.0	Surface	1	2	23.87	7.94	33.04	92.3	6.45	7.7	3.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)6	15:49:55	2.3	Bottom	3	1	23.83	8.08	33.04	92.9	6.49	7.4	4.9
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)6	15:50:14	2.3	Bottom	3	2	23.82	8.08	33.05	92.7	6.48	7.6	4.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS7	16:01:07	1.0	Surface	1	1	23.6	8.1	32.92	92.4	6.49	8.3	28.2
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS7	16:01:20	1.0	Surface	1	2	23.5	8.09	32.97	92.4	6.5	8.4	5.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS7	16:01:14	2.5	Bottom	3	1	23.5	8.09	32.95	92.4	6.5	8.3	5.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS7	16:00:58	2.5	Bottom	3	2	23.41	8.11	32.98	91.4	6.43	8.2	5.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS8	16:23:55	1.0	Surface	1	1	24.54	7.99	32.48	98.6	6.83	8.8	5.3
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS8	16:23:39	1.0	Surface	1	2	24.58	8.07	32.47	99	6.85	8.6	5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS8	16:23:49	3.3	Bottom	3	1	24.48	8.04	32.43	98.5	6.83	8.8	4.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS8	16:23:33	3.3	Bottom	3	2	24.67	8.1	32.42	99.2	6.86	8.6	4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)9	16:09:24	1.0	Surface	1	1	24.22	8.14	32.81	105.5	7.33	6.3	3.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)9	16:09:39	1.0	Surface	1	2	23.91	8.13	32.87	103.4	7.22	6.4	3.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)9	16:09:13	2.8	Bottom	3	1	24	8.14	32.8	104.8	7.31	6.4	3.9
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS(Mf)9	16:09:31	2.8	Bottom	3	2	23.88	8.13	32.82	104.2	7.28	6.3	4.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:42:40	1.0	Surface	1	1	23.25	7.74	28.82	91.6	6.63	0.4	3
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:41:50	1.0	Surface	1	2	23.51	7.74	28.66	90.4	6.52	0.5	4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:41:37	5.2	Middle	2	1	22.44	7.74	29.97	87.6	6.38	1.2	3.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:42:18	5.2	Middle	2	2	22.45	7.74	29.9	88.8	6.48	1.1	3.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:42:09	9.4	Bottom	3	1	22.48	7.74	29.93	89.5	6.52	2.3	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	IS10	16:41:30	9.4	Bottom	3	2	22.35	7.74	30.25	87.9	6.41	2.5	4.7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR3	15:22:41	0.7	Middle	2	1	23.76	7.92	35.36	89.8	6.2	7.3	6.6
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR3	15:22:34	0.7	Middle	2	2	23.76	7.92	35.49	89.9	6.21	7.3	5.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR4	16:16:28	1.0	Surface	1	1	24.61	8.08	32.59	100.1	6.92	7.3	6.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR4	16:16:13	1.0	Surface	1	2	24.65	8.07	32.58	100.3	6.93	7.4	6.2
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR4	16:16:06	2.8	Bottom	3	1	24.64	8.08	32.44	100.1	6.92	7.3	7
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR4	16:16:21	2.8	Bottom	3	2	24.49	8.08	32.45	99.7	6.91	7.2	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR5	16:36:03	1.0	Surface	1	1	23.48	7.74	28.64	92.8	6.69	0.4	3.9
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR5	16:35:41	1.0	Surface	1	2	23.4	7.74	28.71	92.7	6.69	0.4	3.6
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR5	16:35:50	3.7	Bottom	3	1	22.77	7.74	29.5	91.7	6.66	0.7	2.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR5	16:35:30	3.7	Bottom	3	2	22.7	7.74	29.58	91.9	6.68	0.7	2.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:33:07	1.0	Surface	1	1	24.12	7.99	32.23	95.8	6.69	3.9	4.8
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:32:40	1.0	Surface	1	2	24.16	7.95	32.19	96.6	6.74	3.8	3.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:32:31	3.2	Middle	2	1	24.12	7.99	32.24	96	6.71	3.9	4.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:32:57	3.2	Middle	2	2	24.05	7.97	32.33	95.5	6.67	3.8	4.5
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:32:19	5.4	Bottom	3	1	24.11	7.97	32.26	96.1	6.71	3.8	4.9
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10A	17:32:51	5.4	Bottom	3	2	24.08	7.96	32.31	96	6.7	3.8	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10B	17:41:53	1.0	Surface	1	1	23.99	8.05	32.37	93.4	6.54	3.7	2.4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10B	17:42:10	1.0	Surface	1	2	24.05	8.05	32.29	94.1	6.58	3.8	4.3
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10B	17:42:00	4.0	Bottom	3	1	24	8.04	32.4	93.6	6.55	3.7	3.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	SR10B	17:41:44	4.0	Bottom	3	2	23.94	8.04	32.47	93.4	6.54	3.7	4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS2	15:23:35	1.0	Surface	1	1	22.75	7.7	29.42	90.6	6.59	3	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	2015-04-24	Mid-Ebb	Sunny	CS2	15:22:57	1.0	Surface	1	2	22.69	7.7	29.52	90.8	6.61	2.8	3.6
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS2	15:23:27	3.9	Middle	2	1	22.37	7.69	30.98	89.4	6.49	2.9	3.8
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS2	15:22:51	3.9	Middle	2	2	22.39	7.71	30.94	89.8	6.52	3.2	4
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS2	15:22:45	6.7	Bottom	3	1	22.25	7.72	31.33	89.9	6.53	4.2	2.8
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS2	15:23:13	6.7	Bottom	3	2	22.28	7.69	31.21	89.6	6.51	3.9	2.2
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:59:19	1.0	Surface	1	1	23.82	7.99	32.26	88.5	6.21	5.2	5.2
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:58:39	1.0	Surface	1	2	23.84	7.98	32.25	88.6	6.22	5.2	4.2
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:58:26	6.1	Middle	2	1	23.73	7.98	32.33	87.9	6.18	5.6	5.8
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:59:11	6.1	Middle	2	2	23.79	7.99	32.26	88.1	6.19	5.4	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:58:18	11.1	Bottom	3	1	23.76	7.96	32.31	88.1	6.19	5.7	5.3
HKLR	HY/2011/03	2015-04-24	Mid-Ebb	Sunny	CS(Mf)5	16:58:56	11.1	Bottom	3	2	23.73	7.98	32.32	87.7	6.17	5.5	4.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:01:33	1.0	Surface	1	1	23.36	8	29.39	87.7	6.31	6.2	3.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:02:08	1.0	Surface	1	2	23.3	8.03	29.42	87.6	6.3	6.2	3.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:01:21	4.3	Middle	2	1	23.25	7.99	29.48	86.3	6.22	6.4	4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:02:01	4.3	Middle	2	2	23.29	8.03	29.45	87	6.26	6.5	3.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:01:50	7.6	Bottom	3	1	23.23	8.01	29.5	87.7	6.32	6.5	4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS5	11:01:12	7.6	Bottom	3	2	23.27	7.98	29.46	87.1	6.27	6.5	3.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)6	10:51:02	1.0	Surface	1	1	23.48	7.98	29.27	89.7	6.45	7.4	5.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)6	10:50:49	1.0	Surface	1	2	23.48	7.97	29.25	89.8	6.45	7.4	6.1
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)6	10:50:40	2.3	Bottom	3	1	23.37	7.98	29.23	89.8	6.46	7.5	5.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)6	10:50:54	2.3	Bottom	3	2	23.37	7.97	29.25	89.5	6.44	7.5	6.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS7	10:44:16	1.0	Surface	1	1	23.2	8.03	29.2	90	6.5	8.6	7.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS7	10:44:33	1.0	Surface	1	2	23.2	8.03	29.21	90.1	6.51	8.5	6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS7	10:44:25	2.1	Bottom	3	1	23.18	8.02	29.21	89.9	6.5	8.4	6.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS7	10:44:08	2.1	Bottom	3	2	23.17	8.02	29.21	89.8	6.49	8.5	6.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS8	10:22:49	1.0	Surface	1	1	23.45	8.01	28.99	85.4	6.15	7.8	6.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS8	10:22:23	1.0	Surface	1	2	23.47	7.98	28.99	85.6	6.16	7.7	6.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS8	10:22:14	3.0	Bottom	3	1	23.44	7.97	29	85.8	6.18	7.8	7.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS8	10:22:40	3.0	Bottom	3	2	23.42	8	29.01	85.4	6.15	7.7	5.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)9	10:37:46	1.0	Surface	1	1	23.2	8	29.24	89	6.43	8.3	6.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)9	10:38:03	1.0	Surface	1	2	23.23	8.01	29.22	88.6	6.4	8.5	5.3
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)9	10:37:39	2.7	Bottom	3	1	23.19	7.99	29.26	89.1	6.43	8.4	7.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS(Mf)9	10:37:52	2.7	Bottom	3	2	23.2	8	29.26	88.7	6.4	8.4	6.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:12:40	1.0	Surface	1	1	22.6	7.77	28.76	88.2	6.46	0.7	2.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:13:17	1.0	Surface	1	2	22.61	7.77	28.74	88.1	6.45	0.8	2.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:13:01	5.2	Middle	2	1	22.37	7.77	29.45	87.4	6.4	0.8	2.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:12:26	5.2	Middle	2	2	22.38	7.78	29.28	87.7	6.43	0.8	2.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:12:52	9.4	Bottom	3	1	22.42	7.77	29.43	87.7	6.41	0.9	2.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	IS10	10:12:19	9.4	Bottom	3	2	22.45	7.78	29.4	88.1	6.44	0.9	2.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR3	11:06:54	0.6	Middle	2	1	23.34	8.09	29.37	89.2	6.42	6.4	4.7
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR3	11:06:46	0.6	Middle	2	2	23.32	8.08	29.38	89	6.41	6.5	4.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR4	10:27:16	1.0	Surface	1	1	23.58	8.07	28.93	85.8	6.17	9.8	9.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR4	10:26:57	1.0	Surface	1	2	23.54	8.06	28.95	85.6	6.16	9.7	8.7
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR4	10:26:44	2.8	Bottom	3	1	23.48	8.05	28.99	85.3	6.14	9.6	8.7
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR4	10:27:05	2.8	Bottom	3	2	23.5	8.06	28.97	85.5	6.15	9.7	9.1
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR5	10:22:55	1.0	Surface	1	1	22.57	7.77	28.77	88.1	6.45	0.7	4.3
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR5	10:23:13	1.0	Surface	1	2	22.5	7.76	28.84	87.8	6.44	0.7	3.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR5	10:23:06	3.8	Bottom	3	1	22.45	7.77	29.02	87.8	6.43	0.7	3.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR5	10:22:42	3.8	Bottom	3	2	22.38	7.78	29.42	87.5	6.4	0.8	2.7
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:20:08	1.0	Surface	1	1	23.28	7.81	29.2	84.2	6.07	4	3.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:20:49	1.0	Surface	1	2	23.29	7.82	29.24	84.2	6.07	4	2.3
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:20:00	3.2	Middle	2	1	23.27	7.82	29.42	84	6.06	3.9	2.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:20:43	3.2	Middle	2	2	23.27	7.81	29.41	84	6.05	4	2.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:19:53	5.4	Bottom	3	1	23.27	7.82	29.4	84.1	6.06	3.9	2.6
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10A	09:20:33	5.4	Bottom	3	2	23.27	7.81	29.5	84	6.05	4.1	2.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10B	09:10:00	1.0	Surface	1	1	23.29	7.82	28.76	84.7	6.12	4.3	4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10B	09:10:18	1.0	Surface	1	2	23.29	7.81	28.88	84.5	6.11	4.1	2.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10B	09:10:09	4.1	Bottom	3	1	23.28	7.81	29.04	84.5	6.1	4.2	3.7
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	SR10B	09:09:47	4.1	Bottom	3	2	23.28	7.82	28.91	84.5	6.11	4.1	2.1
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:57	1.0	Surface	1	1	22.37	7.78	29.92	83.8	6.12	5.3	4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:25	1.0	Surface	1	2	22.36	7.78	29.94	83.8	6.12	5.7	2.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:15	4.0	Middle	2	1	22.28	7.78	30.38	83.5	6.09	7	3.4
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:48	4.0	Middle	2	2	22.28	7.77	30.39	83.4	6.08	7	2.5
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:39	6.9	Bottom	3	1	22.27	7.77	30.44	83.7	6.1	7.9	3.2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS2	11:34:04	6.9	Bottom	3	2	22.27	7.78	30.42	83.6	6.09	8.3	2.9
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:49:48	1.0	Surface	1	1	23.37	7.96	29.08	84.2	6.07	4.6	2.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:50:22	1.0	Surface	1	2	23.39	7.98	28.98	84.5	6.09	4.7	2.1
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:49:39	6.2	Middle	2	1	23.35	7.96	29.54	83.9	6.03	4.8	2
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:50:12	6.2	Middle	2	2	23.36	7.98	29.34	83.7	6.03	4.7	2.1
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:50:00	11.4	Bottom	3	1	23.34	7.96	29.64	84.2	6.05	4.8	2.8
HKLR	HY/2011/03	2015-04-24	Mid-Flood	Sunny	CS(Mf)5	09:49:25	11.4	Bottom	3	2	23.33	7.93	29.73	84.6	6.08	4.7	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:56:53	1.0	Surface	1	1	24.61	8.15	30.28	110.9	7.77	4.4	2.8
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:57:17	1.0	Surface	1	2	24.58	8.16	30.3	111.1	7.79	4	3.7
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:57:09	4.2	Middle	2	1	24.48	8.14	30.8	109.9	7.69	4.1	3.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:56:39	4.2	Middle	2	2	24.48	8.12	30.86	107.8	7.54	4.2	3.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:56:30	7.3	Bottom	3	1	24.49	8.1	30.87	108.3	7.58	4.1	4.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS5	09:57:03	7.3	Bottom	3	2	24.5	8.13	30.76	111.3	7.79	4.2	4.7
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)6	09:45:33	1.0	Surface	1	1	24.23	8.08	30.89	110.4	7.76	4	5.2
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)6	09:45:45	1.0	Surface	1	2	24.23	8.09	30.87	111.7	7.85	3.7	2.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)6	09:45:38	2.3	Bottom	3	1	24.23	8.08	30.91	111.2	7.81	3.9	3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)6	09:45:25	2.3	Bottom	3	2	24.23	8.06	30.97	110.3	7.75	4.2	2.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS7	09:38:58	1.0	Surface	1	1	24.21	8.04	30.56	111.2	7.83	4.3	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS7	09:39:12	1.0	Surface	1	2	24.2	8.07	30.57	111.4	7.84	4.1	4.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS7	09:38:51	2.3	Bottom	3	1	24.22	8.02	30.69	111.3	7.83	4.4	5.2
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS7	09:39:05	2.3	Bottom	3	2	24.2	8.06	30.54	111.7	7.87	4.1	4.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS8	09:09:33	1.0	Surface	1	1	24.32	7.97	30.96	104.7	7.34	13.1	13.8
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS8	09:09:48	1.0	Surface	1	2	24.3	8	30.98	104.6	7.34	14.1	13
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS8	09:09:26	2.7	Bottom	3	1	24.32	7.96	30.96	104.6	7.33	13.6	17.2
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS8	09:09:42	2.7	Bottom	3	2	24.31	7.99	30.98	104.6	7.33	13.3	17.7
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)9	09:32:36	1.0	Surface	1	1	24.29	8.1	30.66	113	7.94	3.5	3.2
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)9	09:32:48	1.0	Surface	1	2	24.28	8.12	30.68	113.2	7.96	3.5	3.8
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)9	09:32:43	2.4	Bottom	3	1	24.3	8.11	30.68	113.2	7.96	3.6	4.4
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS(Mf)9	09:32:30	2.4	Bottom	3	2	24.31	8.09	30.66	112.7	7.92	3.5	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:05:16	1.0	Surface	1	1	23.3	7.85	24.95	99.4	7.35	2.2	3.2
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:05:53	1.0	Surface	1	2	23.4	7.86	24.51	101.8	7.52	2.2	2.5
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:05:41	5.4	Middle	2	1	23.01	7.82	29.8	97.8	7.07	2.3	2.7
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:05:07	5.4	Middle	2	2	23.02	7.82	29.86	98.4	7.1	2.3	2.5
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:04:53	9.7	Bottom	3	1	23	7.82	30.05	100.2	7.23	2.3	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	IS10	09:05:34	9.7	Bottom	3	2	22.99	7.82	30.06	99.1	7.15	2.3	2.7
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR3	10:10:54	0.8	Middle	2	1	24.75	8.24	29.99	118.8	8.31	3.9	4.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR3	10:11:02	0.8	Middle	2	2	24.75	8.25	30	118.7	8.31	3.8	2.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR4	09:21:24	1.0	Surface	1	1	24.32	8.06	30.98	103.6	7.26	16.2	15.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR4	09:21:10	1.0	Surface	1	2	24.28	8.05	31.03	103.6	7.27	15	15.5
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR4	09:21:17	2.5	Bottom	3	1	24.31	8.05	31	103.4	7.25	15.5	17.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR4	09:21:04	2.5	Bottom	3	2	24.28	8.05	31.06	103.7	7.27	14.3	17.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR5	09:14:28	1.0	Surface	1	1	23.48	7.86	24.36	108	7.98	2.5	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	2015-04-27	Mid-Ebb	Sunny	SR5	09:14:13	1.0	Surface	1	2	23.46	7.87	24.39	107.9	7.97	2.6	4.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR5	09:14:21	4.1	Bottom	3	1	23.49	7.84	26.97	108.9	7.93	2.5	4.5
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR5	09:14:03	4.1	Bottom	3	2	23.35	7.84	27.72	107.7	7.82	2.6	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:53:13	1.0	Surface	1	1	23.79	8	32.1	96	6.75	2.7	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:52:30	1.0	Surface	1	2	23.81	7.98	31.97	96.1	6.76	2.8	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:52:52	3.4	Middle	2	1	23.73	7.97	32.39	94.7	6.65	2.9	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:52:17	3.4	Middle	2	2	23.75	7.96	32.31	95.3	6.7	2.7	2.9
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:52:06	5.7	Bottom	3	1	23.77	7.94	32.24	96.1	6.75	2.8	3.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10A	07:52:43	5.7	Bottom	3	2	23.73	7.96	32.43	95.2	6.69	3	2.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10B	07:38:22	1.0	Surface	1	1	23.82	7.87	31.78	97.1	6.84	2.7	3.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10B	07:37:50	1.0	Surface	1	2	23.82	7.86	31.96	95	6.68	2.7	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10B	07:38:09	4.2	Bottom	3	1	23.83	7.86	31.84	96.8	6.81	2.7	2.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	SR10B	07:37:37	4.2	Bottom	3	2	23.69	7.85	32.54	93.8	6.59	2.6	3.5
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:30:51	1.0	Surface	1	1	23.4	7.86	26.16	104.8	7.58	1.5	2.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:31:24	1.0	Surface	1	2	23.23	7.85	27.65	102.1	7.44	1.5	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:30:42	4.1	Middle	2	1	23.05	7.83	29.48	103.1	7.55	1.5	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:31:14	4.1	Middle	2	2	23.03	7.82	29.46	101.5	7.39	1.5	2.1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:30:29	7.1	Bottom	3	1	23.02	7.83	29.52	101.6	7.34	1.7	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS2	10:31:07	7.1	Bottom	3	2	23.04	7.82	29.51	100.6	7.28	1.6	2.3
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:27:44	1.0	Surface	1	1	23.98	7.97	31	96.1	6.78	2.8	1
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:28:28	1.0	Surface	1	2	24.1	8.01	30.93	98.3	6.92	3.1	1.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:27:34	6.9	Middle	2	1	23.68	7.95	33.05	93.9	6.58	2.6	1.6
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:28:12	6.9	Middle	2	2	23.69	7.98	33.01	94	6.58	2.7	0.8
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:27:24	12.7	Bottom	3	1	23.68	7.93	33.15	95.2	6.67	2.7	1.8
HKLR	HY/2011/03	2015-04-27	Mid-Ebb	Sunny	CS(Mf)5	08:28:05	12.7	Bottom	3	2	23.69	7.97	33.13	94.8	6.64	2.8	1.6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:22:02	1.0	Surface	1	1	25.08	8.2	29.71	121.6	8.48	4.5	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:22:45	1.0	Surface	1	2	25.09	8.22	29.71	122	8.5	4.4	3.4
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:22:30	4.2	Middle	2	1	24.74	8.19	30.56	115.6	8.07	4.4	3.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:21:50	4.2	Middle	2	2	24.74	8.17	30.54	117.6	8.2	4.5	4.3
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:22:17	7.3	Bottom	3	1	24.73	8.18	30.62	118.5	8.27	4.4	4.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS5	12:21:42	7.3	Bottom	3	2	24.81	8.16	30.5	120.4	8.39	4.7	4.4
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)6	12:31:40	1.0	Surface	1	1	24.97	8.13	30.68	124.4	8.64	4	4.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)6	12:31:53	1.0	Surface	1	2	24.94	8.16	30.69	125	8.68	4.2	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)6	12:31:31	2.2	Bottom	3	1	24.84	8.11	30.72	122.2	8.5	4	5.9
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)6	12:31:46	2.2	Bottom	3	2	24.87	8.14	30.72	124	8.62	4.1	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS7	12:38:54	1.0	Surface	1	1	24.81	8.09	30.69	127.4	8.87	3.4	3.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS7	12:39:07	1.0	Surface	1	2	24.78	8.12	30.71	128.6	8.96	3.4	4.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS7	12:39:01	2.2	Bottom	3	1	24.7	8.11	30.63	127.5	8.9	3.4	3.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS7	12:38:47	2.2	Bottom	3	2	24.7	8.08	30.63	125.9	8.79	3.5	4.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS8	13:09:27	1.0	Surface	1	1	24.55	8.21	30.93	122.9	8.58	4.5	5.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS8	13:09:39	1.0	Surface	1	2	24.61	8.21	30.91	123.6	8.62	4.6	5.9
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS8	13:09:20	2.5	Bottom	3	1	24.54	8.2	31.07	123.9	8.65	4.8	5.4
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS8	13:09:32	2.5	Bottom	3	2	24.54	8.21	31.04	123.7	8.64	4.9	6.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)9	12:47:16	1.0	Surface	1	1	24.85	8.21	30.76	129.1	8.98	3.3	2.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)9	12:47:35	1.0	Surface	1	2	24.86	8.23	30.73	128.7	8.95	3.7	3.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)9	12:47:21	2.2	Bottom	3	1	24.83	8.21	30.63	128.2	8.92	5.8	4.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS(Mf)9	12:47:08	2.2	Bottom	3	2	24.76	8.21	30.66	127.9	8.92	6.4	4.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:54	1.0	Surface	1	1	23.76	7.91	25.03	107.7	7.89	2.2	5.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:20	1.0	Surface	1	2	23.66	7.9	25.51	106.9	7.83	2.3	6.4
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:08	5.4	Middle	2	1	23.02	7.8	29.67	102.8	7.43	2.3	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:44	5.4	Middle	2	2	23.1	7.81	29.43	105.9	7.65	2.2	5.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:02	9.7	Bottom	3	1	22.91	7.8	30.11	100.1	7.24	2.3	4.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	IS10	13:44:36	9.7	Bottom	3	2	23	7.81	30	101.3	7.32	2.2	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	2015-04-27	Mid-Flood	Sunny	SR3	12:08:35	0.9	Middle	2	1	25.11	8.12	29.62	122.1	8.51	4.3	4.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR3	12:08:41	0.9	Middle	2	2	25.16	8.14	29.57	124.2	8.66	4.4	5.2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR4	12:58:42	1.0	Surface	1	1	24.57	8.15	30.9	122.9	8.58	4.7	3.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR4	12:58:28	1.0	Surface	1	2	24.55	8.12	30.93	120.9	8.44	4.7	2.6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR4	12:58:20	2.5	Bottom	3	1	24.52	8.1	31.14	120.7	8.43	5.2	7.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR4	12:58:33	2.5	Bottom	3	2	24.55	8.13	31.06	122.4	8.54	4.8	8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR5	13:32:36	1.0	Surface	1	1	23.93	7.97	24.94	120.9	8.84	2.2	5.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR5	13:32:01	1.0	Surface	1	2	23.7	7.93	25.12	120.1	8.81	2.1	5.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR5	13:31:53	4.3	Bottom	3	1	23.65	7.91	27.91	108.7	7.94	2.1	6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR5	13:32:14	4.3	Bottom	3	2	23.43	7.88	28.16	108.1	7.92	2.2	5.6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:51	1.0	Surface	1	1	24.1	8.11	32.44	111.7	7.8	2.8	4.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:20	1.0	Surface	1	2	24.13	8.1	32.36	113.5	7.92	2.9	3.3
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:43	3.4	Middle	2	1	23.93	8.09	32.84	110.4	7.71	2.7	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:10	3.4	Middle	2	2	24.02	8.07	32.96	110.4	7.69	2.7	4.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:31	5.7	Bottom	3	1	24.05	8.08	32.99	113.9	7.93	2.9	4.6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10A	14:27:01	5.7	Bottom	3	2	24.06	8.06	33.04	111.6	7.77	2.6	4.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10B	14:39:25	1.0	Surface	1	1	24.06	8.16	32.57	112.8	7.87	2.8	3.9
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10B	14:39:39	1.0	Surface	1	2	24.05	8.15	32.64	113.8	7.94	2.8	2.9
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10B	14:39:32	4.0	Bottom	3	1	24.07	8.15	32.86	114.7	7.99	2.7	3.8
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	SR10B	14:39:16	4.0	Bottom	3	2	23.97	8.14	33	113	7.88	2.8	2.3
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:12:07	1.0	Surface	1	1	23.78	7.85	27.42	104.3	7.53	1.5	2.6
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:11:22	1.0	Surface	1	2	23.85	7.87	27.6	105.4	7.6	1.6	2.7
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:11:11	4.1	Middle	2	1	23.11	7.85	29.48	98.5	7.11	1.5	3.1
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:11:58	4.1	Middle	2	2	23.07	7.81	29.46	100.6	7.27	1.5	2
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:10:58	7.2	Bottom	3	1	23.07	7.89	30	98.8	7.12	1.5	2.4
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS2	12:11:52	7.2	Bottom	3	2	23.02	7.81	29.95	101.6	7.33	1.6	2.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:48:01	1.0	Surface	1	1	24.6	8.08	29.54	104.7	7.37	4	1.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:47:29	1.0	Surface	1	2	24.57	8.07	29.85	107.9	7.58	4.1	1.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:47:19	7	Middle	2	1	24.03	8.02	32.04	103.9	7.28	4.5	1.9
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:47:51	7	Middle	2	2	23.93	8.02	32.24	99.7	6.99	4.4	1.3
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:47:11	12.9	Bottom	3	1	24.31	8.02	31.76	112.4	7.84	3.6	0.5
HKLR	HY/2011/03	2015-04-27	Mid-Flood	Sunny	CS(Mf)5	13:47:46	12.9	Bottom	3	2	23.95	8.02	32.29	103.1	7.22	3.7	0.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:05:15	1.0	Surface	1	1	25.75	8.24	26.25	125.3	8.81	5.5	4.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:47:49	1.0	Surface	1	2	25.8	8.3	26.8	124.6	8.72	5.4	5.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:47:41	4.5	Middle	2	1	25.72	8.28	27.06	122.7	8.59	5.5	4.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:48:16	4.5	Middle	2	2	25.71	8.29	27.13	121.8	8.52	5.5	5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:47:31	8.0	Bottom	3	1	25.72	8.26	28.11	124.2	8.64	5.7	4.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS5	11:48:06	8.0	Bottom	3	2	25.72	8.26	28.07	122.3	8.51	5.7	5.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)6	11:37:46	1.0	Surface	1	1	25.99	8.33	26.49	138.2	9.66	5.7	4.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)6	11:38:07	1.0	Surface	1	2	26.13	8.38	26.19	143.9	10.05	5.6	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)6	11:37:54	2.2	Bottom	3	1	25.93	8.33	27.45	140.7	9.79	5.5	3.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)6	11:37:36	2.2	Bottom	3	2	25.87	8.29	28.11	137.7	9.56	5.6	3.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS7	11:27:51	1.0	Surface	1	1	25.66	8.35	26.05	153.3	10.8	4.7	4.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS7	11:28:33	1.0	Surface	1	2	25.65	8.41	26.15	155.6	10.96	4.7	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS7	11:27:41	2.3	Bottom	3	1	25.67	8.34	27.42	158.5	11.08	4.8	3.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS7	11:28:20	2.3	Bottom	3	2	25.67	8.39	27.17	154.2	10.79	4.8	3.7
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS8	10:34:19	1.0	Surface	1	1	25.89	8.38	26.4	146.6	10.27	8.7	4.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS8	10:34:37	1.0	Surface	1	2	25.9	8.4	26.44	146.7	10.27	8.6	4.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS8	10:34:28	3.2	Bottom	3	1	25.83	8.37	27.29	147.1	10.26	8.5	5.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS8	10:34:11	3.2	Bottom	3	2	25.85	8.36	27.04	146.4	10.23	8.5	3.9
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)9	10:48:17	1.0	Surface	1	1	25.77	8.36	26.39	143.8	10.09	4.5	3.9
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)9	10:48:30	1.0	Surface	1	2	25.73	8.36	26.5	144	10.11	4.4	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)9	10:48:23	2.7	Bottom	3	1	25.75	8.36	27.59	146.9	10.25	4.4	4.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS(Mf)9	10:48:09	2.7	Bottom	3	2	25.8	8.33	27.97	144.3	10.03	4.6	4.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:37:43	1.0	Surface	1	1	24.27	8.04	22.31	97.3	7.2	2.5	7.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:38:13	1.0	Surface	1	2	24.15	8	22.9	96.2	7.11	2.4	7.7
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:37:30	5.3	Middle	2	1	23.86	7.93	25.7	92.6	6.76	3	6.7
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:38:02	5.3	Middle	2	2	23.82	7.92	25.91	93.8	6.85	2.9	6.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:37:24	9.6	Bottom	3	1	23.77	7.92	27.11	94.1	6.7	3.5	6.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	IS10	10:37:55	9.6	Bottom	3	2	23.83	7.93	27.8	96.4	6.84	3.6	7.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR3	11:05:20	1.0	Middle	2	1	25.76	8.26	26.14	125.8	8.84	5.4	6.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR3	11:48:31	1.0	Middle	2	2	25.81	8.32	26.72	125.6	8.79	5	6.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR4	10:40:48	1.0	Surface	1	1	25.87	8.46	26.54	150.4	10.53	4.4	5.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR4	10:41:01	1.0	Surface	1	2	25.8	8.46	26.61	150.8	10.57	4.5	4.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR4	10:40:42	2.8	Bottom	3	1	25.85	8.45	26.77	150.4	10.52	4.5	4.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR4	10:40:55	2.8	Bottom	3	2	25.84	8.46	26.76	151.3	10.59	4.4	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR5	10:46:23	1.0	Surface	1	1	24.2	8.03	22.61	101.2	7.49	2	6.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR5	10:46:06	1.0	Surface	1	2	24.27	8.05	22.52	101.7	7.52	2	7.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR5	10:45:50	3.9	Bottom	3	1	24.06	7.98	23.91	97.5	7.15	2	6.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR5	10:46:15	3.9	Bottom	3	2	24.12	8	23.47	100.4	7.37	2.1	7.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:47	1.0	Surface	1	1	24.7	8.18	29.53	121.7	8.54	2.5	5.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:22	1.0	Surface	1	2	24.68	8.16	29.59	120.7	8.47	2.4	4.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:38	3.3	Middle	2	1	24.66	8.16	29.67	121.2	8.5	2.6	4.7
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:15	3.3	Middle	2	2	24.62	8.15	29.77	120.3	8.44	2.8	3.9
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:08	5.5	Bottom	3	1	24.64	8.13	29.96	119.3	8.38	2.7	4.2
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10A	09:21:30	5.5	Bottom	3	2	24.68	8.15	29.84	120	8.43	2.7	3.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10B	09:13:28	1.0	Surface	1	1	24.64	8.04	29.69	120.2	8.44	2.5	3.9
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10B	09:13:53	1.0	Surface	1	2	24.63	8.08	29.73	120.1	8.43	2.5	3.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10B	09:13:43	4.2	Bottom	3	1	24.62	8.05	29.88	120.1	8.43	2.5	3.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	SR10B	09:13:13	4.2	Bottom	3	2	24.61	7.99	29.89	118.7	8.33	2.6	4.7
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	12:00:10	1.0	Surface	1	1	24.54	8.13	20.95	99.2	7.3	2.2	6.9
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	11:59:19	1.0	Surface	1	2	24.5	8.14	20.93	100.3	7.45	2.1	6.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	11:59:55	3.9	Middle	2	1	23.87	7.93	23.98	93.2	6.81	3.2	6.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	11:59:07	3.9	Middle	2	2	24.08	8.05	23.97	97.4	7.14	3.1	6.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	11:59:49	6.8	Bottom	3	1	23.76	7.89	26.39	88	6.47	3.2	6.5
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS2	11:58:51	6.8	Bottom	3	2	23.87	7.97	25.18	88.9	6.54	3	6.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:56:51	1.0	Surface	1	1	25.51	8.24	25.67	114.6	8.11	2.4	3.3
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:57:37	1.0	Surface	1	2	25.49	8.24	25.73	111	7.86	2.4	3.4
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:57:27	6.2	Middle	2	1	23.94	8.1	32.18	99.6	6.95	2.5	4.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:56:39	6.2	Middle	2	2	23.87	8.06	32.85	99.2	6.92	2.5	3.8
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:57:17	11.3	Bottom	3	1	23.76	8.08	33.48	97.1	6.8	2.5	3.6
HKLR	HY/2011/03	2015-04-29	Mid-Ebb	Sunny	CS(Mf)5	09:56:31	11.3	Bottom	3	2	23.76	8.05	33.51	96.6	6.75	2.5	4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:12:41	1.0	Surface	1	1	26.44	8.33	27.47	128.9	8.89	6.5	4.8
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:12:09	1.0	Surface	1	2	26.22	8.3	27.68	125.3	8.66	6.4	5.5
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:12:02	4.4	Middle	2	1	25.9	8.28	28.11	121.9	8.45	6.6	5.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:12:30	4.4	Middle	2	2	25.99	8.3	28.03	124.3	8.61	6.6	6.8
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:11:53	7.7	Bottom	3	1	25.84	8.26	28.28	123.3	8.55	6.6	6.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS5	15:12:20	7.7	Bottom	3	2	26	8.29	28.07	126.2	8.74	6.7	7.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)6	15:19:34	1.0	Surface	1	1	26.88	8.44	26.52	151.1	10.4	6.8	2.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)6	15:19:21	1.0	Surface	1	2	26.94	8.43	26.52	149.8	10.3	6.8	2.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)6	15:19:12	2.2	Bottom	3	1	26.37	8.39	27.83	148.8	10.26	6.6	3.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)6	15:19:27	2.2	Bottom	3	2	26.71	8.43	27.82	151.1	10.36	6.6	2.5
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS7	15:26:05	1.0	Surface	1	1	26.11	8.44	26.59	149.5	10.46	4.6	3.8
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS7	15:26:26	1.0	Surface	1	2	26.16	8.48	26.58	152.2	10.64	4.7	3.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS7	15:25:56	2.4	Bottom	3	1	26.24	8.37	28.24	149.4	10.32	4.8	3.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS7	15:26:14	2.4	Bottom	3	2	26.14	8.42	28.12	152.7	10.58	4.7	3.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS8	15:49:20	1.0	Surface	1	1	26.25	8.56	25.86	154.9	10.86	8.7	10.8
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS8	15:49:07	1.0	Surface	1	2	26.22	8.54	25.75	153.3	10.77	8.9	10.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS8	15:49:01	3.1	Bottom	3	1	26.19	8.52	27.9	153.5	10.64	8.8	10.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS8	15:49:11	3.1	Bottom	3	2	26.24	8.54	27.99	154.6	10.7	8.8	10.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)9	15:32:49	1.0	Surface	1	1	26.62	8.47	26.64	155	10.74	4.7	2.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)9	15:32:36	1.0	Surface	1	2	26.52	8.44	26.77	152.8	10.6	4.8	2.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)9	15:32:29	2.6	Bottom	3	1	26.34	8.42	27.1	149.7	10.4	4.8	2.6
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS(Mf)9	15:32:41	2.6	Bottom	3	2	26.56	8.45	27.51	154.2	10.64	4.9	5.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:16:04	1.0	Surface	1	1	25.56	8.21	21.67	106.8	7.74	2.6	6.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:15:37	1.0	Surface	1	2	25.62	8.31	21.63	112.8	8.22	3	6.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:15:19	5.2	Middle	2	1	23.77	7.95	26.62	95	6.94	2.9	6
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:15:56	5.2	Middle	2	2	23.79	7.98	26.49	102.7	7.5	2.7	7.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:15:50	9.3	Bottom	3	1	23.8	8.02	26.66	100.7	7.35	2.7	6.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	IS10	16:15:14	9.3	Bottom	3	2	23.69	7.96	27.2	97.5	7.05	2.8	7.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR3	15:01:17	0.8	Middle	2	1	26.37	8.25	27.5	129.7	8.95	5.8	6.2
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR3	15:01:09	0.8	Middle	2	2	26.36	8.23	27.47	128.3	8.86	5.7	5.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR4	15:40:33	1.0	Surface	1	1	26.24	8.53	25.48	155.4	10.93	9.3	6.4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR4	15:40:46	1.0	Surface	1	2	26.24	8.52	25.52	154.2	10.84	9.3	7.2
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR4	15:40:24	2.7	Bottom	3	1	26.26	8.5	27.18	155.4	10.81	9.5	7.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR4	15:40:39	2.7	Bottom	3	2	26.25	8.51	27.23	155.8	10.84	9.5	8
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR5	16:07:46	1.0	Surface	1	1	25.27	8.32	21.82	120.6	8.82	2.5	3.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR5	16:07:28	1.0	Surface	1	2	25.47	8.36	21.67	123.6	9.02	2.5	3.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR5	16:07:39	3.0	Bottom	3	1	24.61	8.26	22.42	119.3	8.76	2.4	4.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR5	16:07:19	3.0	Bottom	3	2	24.36	8.29	23.41	124	9.11	2.2	5.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:12:49	1.0	Surface	1	1	25.7	8.44	26.46	154.2	10.83	3.1	2.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:12:12	1.0	Surface	1	2	25.86	8.45	26.21	161.5	11.33	3.1	4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:11:59	3.3	Middle	2	1	25.44	8.35	27.11	141.1	9.92	3.1	3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:12:43	3.3	Middle	2	2	25.53	8.41	26.87	145	10.19	3.2	3.6
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:11:49	5.6	Bottom	3	1	24.8	8.26	29.91	138.5	9.69	3.2	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10A	17:12:33	5.6	Bottom	3	2	24.89	8.31	29.45	138.7	9.71	3	3.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10B	17:22:09	1.0	Surface	1	1	25.54	8.44	26.71	151.6	10.66	3	4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10B	17:21:52	1.0	Surface	1	2	25.39	8.42	26.78	149.7	10.55	2.9	4
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10B	17:21:45	4.4	Bottom	3	1	25.35	8.4	28.89	152.8	10.65	2.8	4.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	SR10B	17:22:00	4.4	Bottom	3	2	25.39	8.41	28.91	153.4	10.69	2.9	3.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:52:50	1.0	Surface	1	1	25.49	8.2	21.24	96.5	7.08	3.9	5.5
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:53:12	1.0	Surface	1	2	25.34	8.14	21.33	102.9	7.51	4	4.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:53:06	3.9	Middle	2	1	23.79	7.97	26.46	95.9	7.02	4.8	5.2
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:52:40	3.9	Middle	2	2	23.89	7.96	26.1	94.9	6.96	5.3	5.9
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:52:59	6.7	Bottom	3	1	23.76	8.08	27.04	85.7	6.29	6.3	6.5
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS2	14:52:31	6.7	Bottom	3	2	23.75	7.95	27.03	85.4	6.24	6.6	6.7
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:32:32	1.0	Surface	1	1	26.19	8.36	24.58	127.3	8.96	4.4	5.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:33:17	1.0	Surface	1	2	26.06	8.38	24.54	128.9	9.1	4.5	5.1
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:32:20	6.5	Middle	2	1	24.25	8.14	30.89	111.3	7.76	4.6	4.3
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:33:04	6.5	Middle	2	2	24.24	8.17	31.01	109.8	7.66	4.5	5.2
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:32:54	11.9	Bottom	3	1	23.96	8.14	32.99	103.6	7.27	4.7	2.6
HKLR	HY/2011/03	2015-04-29	Mid-Flood	Sunny	CS(Mf)5	16:32:10	11.9	Bottom	3	2	24	8.12	32.88	103.8	7.29	4.7	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:42:15	1.0	Surface	1	1	26.25	8.22	27.67	107.5	7.43	4.2	4.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:42:51	1.0	Surface	1	2	26.22	8.24	27.7	107.4	7.42	4.1	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:42:07	4.1	Middle	2	1	25.98	8.2	27.98	105.5	7.31	4.3	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:42:43	4.1	Middle	2	2	26.07	8.23	27.89	105.6	7.31	4.1	3.8
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:41:59	7.2	Bottom	3	1	25.98	8.19	28.18	106.4	7.37	4.3	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS5	12:42:33	7.2	Bottom	3	2	25.76	8.21	28.51	106	7.35	4.2	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)6	12:34:40	1.0	Surface	1	1	26.93	8.22	27.28	117.9	8.07	7.3	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	2015-05-01	Mid-Ebb	Sunny	IS(Mf)6	12:34:26	1.0	Surface	1	2	27.04	8.23	27.18	117.8	8.06	7.6	5.1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)6	12:34:18	2.1	Bottom	3	1	26.92	8.22	27.33	117.7	8.06	7.7	4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)6	12:34:32	2.1	Bottom	3	2	26.87	8.23	27.41	117.8	8.07	7.7	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS7	12:26:20	1.0	Surface	1	1	27.06	8.31	26.71	124.8	8.55	6.2	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS7	12:26:05	1.0	Surface	1	2	27.06	8.28	26.72	125.1	8.57	6.1	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS7	12:25:56	2.3	Bottom	3	1	27.05	8.27	26.8	123.9	8.49	6.4	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS7	12:26:11	2.3	Bottom	3	2	27.04	8.29	26.75	124.7	8.55	6.5	3.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS8	12:05:24	1.0	Surface	1	1	26.27	8.16	27.85	112.8	7.79	4.5	3.2
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS8	12:05:41	1.0	Surface	1	2	26.3	8.18	27.87	111.6	7.7	4.4	4.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS8	12:05:17	3.2	Bottom	3	1	26.27	8.15	28.12	112.7	7.76	4.4	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS8	12:05:32	3.2	Bottom	3	2	26.16	8.16	28.37	112.4	7.75	4.5	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)9	12:20:52	1.0	Surface	1	1	26.38	8.28	26.78	121.8	8.44	7.6	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)9	12:20:38	1.0	Surface	1	2	26.36	8.27	26.79	122.3	8.48	7.6	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)9	12:20:43	2.6	Bottom	3	1	26.37	8.27	26.78	121.9	8.45	7.8	5.5
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS(Mf)9	12:20:30	2.6	Bottom	3	2	26.35	8.26	26.79	121.6	8.43	7.7	5.2
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:41:19	1.0	Surface	1	1	24.83	8.01	24.1	103.5	7.48	2.4	2.1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:40:40	1.0	Surface	1	2	24.72	8	24.15	101.2	7.33	2.7	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:40:29	5.3	Middle	2	1	24.17	7.93	26.8	99.9	7.19	3.4	2.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:41:03	5.3	Middle	2	2	24.16	7.93	26.81	100	7.2	3.3	2.8
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:40:55	9.6	Bottom	3	1	24.21	7.94	26.86	101.7	7.31	3.8	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	IS10	11:40:21	9.6	Bottom	3	2	24.27	7.95	26.79	101.7	7.31	3.6	3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR3	12:50:37	0.6	Middle	2	1	26.36	8.32	27.58	110	7.59	4.1	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR3	12:50:30	0.6	Middle	2	2	26.36	8.31	27.58	109.9	7.59	3.9	4.1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR4	12:10:56	1.0	Surface	1	1	26.62	8.29	27.36	118.1	8.13	4	4.1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR4	12:10:44	1.0	Surface	1	2	26.62	8.28	27.34	117.8	8.11	4.2	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR4	12:10:49	2.7	Bottom	3	1	26.65	8.28	27.48	118	8.11	4.2	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR4	12:10:37	2.7	Bottom	3	2	26.62	8.28	27.54	117.7	8.09	4.3	2.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR5	11:51:27	1.0	Surface	1	1	24.74	8	24.18	104.2	7.54	2.2	1.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR5	11:51:05	1.0	Surface	1	2	24.63	7.98	24.23	101.9	7.38	2.1	1.7
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR5	11:51:16	3.9	Bottom	3	1	24.38	7.95	26.44	103.5	7.44	2	1.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR5	11:50:58	3.9	Bottom	3	2	24.26	7.93	26.4	100.8	7.26	1.9	1.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:51:35	1.0	Surface	1	1	25.72	8.22	28.09	111	7.72	2.8	1.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:52:00	1.0	Surface	1	2	25.43	8.21	28.4	109.2	7.62	2.9	1.7
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:51:24	3.3	Middle	2	1	25.36	8.19	29.28	108.8	7.57	2.7	1.6
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:51:55	3.3	Middle	2	2	25.32	8.2	29.4	108	7.51	2.9	1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:51:14	5.6	Bottom	3	1	25.45	8.18	30.49	110.1	7.59	3	2.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10A	10:51:44	5.6	Bottom	3	2	25.23	8.18	30.72	109	7.53	2.8	2.2
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10B	10:41:33	1.0	Surface	1	1	25.38	8.12	28.35	108.8	7.6	3.3	1.5
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10B	10:41:51	1.0	Surface	1	2	25.52	8.15	28.48	109.2	7.61	3.3	2.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10B	10:41:41	4.4	Bottom	3	1	25.33	8.12	30.2	108.6	7.51	3.3	1.2
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	SR10B	10:41:25	4.4	Bottom	3	2	25.46	8.1	30.17	109.2	7.54	3.3	1.3
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:09:15	1.0	Surface	1	1	24.83	8.01	24.07	105.9	7.66	2.2	2.2
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:09:49	1.0	Surface	1	2	24.92	8.02	24.03	106.6	7.69	2.2	2.1
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:09:05	3.9	Middle	2	1	24.23	7.95	26.48	103.4	7.45	3.9	2.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:09:37	3.9	Middle	2	2	24.28	7.95	26.38	103.4	7.45	3.5	2.7
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:08:59	6.8	Bottom	3	1	24.21	7.95	26.66	104.4	7.52	3.8	2.8
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS2	13:09:25	6.8	Bottom	3	2	24.36	7.97	26.66	105.9	7.6	3.5	2.7
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:00	1.0	Surface	1	1	25.14	8.17	28.88	102.9	7.2	3.8	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:32	1.0	Surface	1	2	25.46	8.19	28.45	104.6	7.29	3.7	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:52	6.2	Middle	2	1	24.49	8.14	31.33	100.3	7	4.4	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:21	6.2	Middle	2	2	24.54	8.14	31.35	100.3	6.99	4.4	2.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:27:13	11.4	Bottom	3	1	24.66	8.12	33.59	102.6	7.05	4.4	2.9
HKLR	HY/2011/03	2015-05-01	Mid-Ebb	Sunny	CS(Mf)5	11:26:44	11.4	Bottom	3	2	24.63	8.12	33.7	102.8	7.06	4.6	2.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:31:38	1.0	Surface	1	1	26.78	8.27	28	109.3	7.47	3.8	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:30:59	1.0	Surface	1	2	26.42	8.22	28.31	106.6	7.32	3.7	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:31:26	4.5	Middle	2	1	26.01	8.22	29.03	102.5	7.06	3.8	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:30:51	4.5	Middle	2	2	26.12	8.19	28.88	104.1	7.16	3.8	2.8
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:30:41	7.9	Bottom	3	1	26	8.18	29.8	106.1	7.28	3.7	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS5	16:31:18	7.9	Bottom	3	2	25.68	8.19	29.92	102.3	7.05	3.9	3.2
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)6	16:37:28	1.0	Surface	1	1	27.37	8.34	27.28	125.7	8.54	6.7	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)6	16:37:39	1.0	Surface	1	2	27.28	8.35	27.35	125.8	8.56	6.6	2.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)6	16:37:15	2.1	Bottom	3	1	27.22	8.3	27.59	124.1	8.44	6.7	4.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)6	16:37:31	2.1	Bottom	3	2	27.31	8.34	27.48	125.7	8.55	6.6	3.8
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS7	16:45:18	1.0	Surface	1	1	27.3	8.31	27.11	128.2	8.73	4.6	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS7	16:45:30	1.0	Surface	1	2	27.34	8.32	27.03	127.7	8.69	4.6	2.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS7	16:45:12	2.0	Bottom	3	1	27.27	8.31	27.19	127.4	8.68	4.6	2.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS7	16:45:24	2.0	Bottom	3	2	27.32	8.33	27.12	127.4	8.67	4.6	2.7
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS8	17:09:31	1.0	Surface	1	1	26.21	8.3	28.18	115.8	7.98	3.2	4.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS8	17:09:45	1.0	Surface	1	2	26.26	8.31	28.13	116	8	3.2	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS8	17:09:24	3.1	Bottom	3	1	26.18	8.3	28.32	115.4	7.95	3.2	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS8	17:09:37	3.1	Bottom	3	2	26.2	8.3	28.29	115.4	7.95	3.3	3.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)9	16:53:51	1.0	Surface	1	1	26.61	8.33	27.78	118.8	8.16	6.3	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)9	16:53:27	1.0	Surface	1	2	26.66	8.3	27.68	119	8.17	6.3	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)9	16:53:20	2.7	Bottom	3	1	26.66	8.28	27.76	118.6	8.13	6.4	4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS(Mf)9	16:53:44	2.7	Bottom	3	2	26.49	8.32	28.12	118.3	8.12	6.4	3.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:56	1.0	Surface	1	1	25.34	8.02	23.01	109	7.86	1.5	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:19	1.0	Surface	1	2	24.82	8	23.29	106.3	7.72	1.4	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:42	5.4	Middle	2	1	24.47	7.96	25.71	105.4	7.6	1.7	2.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:13	5.4	Middle	2	2	24.43	7.96	25.79	105.4	7.6	1.7	2
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:02	9.8	Bottom	3	1	24.41	7.97	25.86	106.7	7.69	1.9	4.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	IS10	17:40:31	9.8	Bottom	3	2	24.54	7.97	25.77	106.7	7.68	1.8	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR3	16:21:12	0.7	Middle	2	1	26.76	8.1	27.38	113.7	7.81	4	4.2
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR3	16:21:18	0.7	Middle	2	2	26.74	8.12	27.45	114	7.82	3.9	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR4	17:05:17	1.0	Surface	1	1	26.06	8.25	28.35	115	7.94	3	3.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR4	17:05:31	1.0	Surface	1	2	26.12	8.26	28.25	115	7.94	3	4.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR4	17:05:24	2.9	Bottom	3	1	26.06	8.25	28.45	114.8	7.92	3.2	2.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR4	17:05:11	2.9	Bottom	3	2	26.03	8.23	28.51	114.4	7.9	3.1	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR5	17:32:17	1.0	Surface	1	1	25	8.03	23.47	109.5	7.92	1.1	2.8
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR5	17:32:33	1.0	Surface	1	2	25.16	8.04	23.24	110.2	7.96	1	3.9
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR5	17:32:24	3.1	Bottom	3	1	24.89	8.02	25.36	109.6	7.86	1.1	2.7
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR5	17:32:11	3.1	Bottom	3	2	24.9	8.02	25.3	108.9	7.81	1.1	3.7
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:32:02	1.0	Surface	1	1	25.8	8.3	27.7	112.2	7.81	2.7	3.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:32:22	1.0	Surface	1	2	25.81	8.3	27.69	111.2	7.74	2.8	3.8
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:31:56	3.2	Middle	2	1	25.68	8.29	28.78	111.6	7.74	2.8	2.8
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:32:16	3.2	Middle	2	2	25.51	8.29	28.84	110.1	7.66	2.8	3.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:31:49	5.4	Bottom	3	1	25.78	8.28	28.68	111.7	7.74	2.8	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10A	18:32:10	5.4	Bottom	3	2	25.48	8.27	30.32	110.2	7.6	2.7	2.9
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10B	18:41:33	1.0	Surface	1	1	25.84	8.32	27.98	112	7.78	2.6	3.3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10B	18:41:20	1.0	Surface	1	2	25.76	8.32	28.3	111.7	7.76	2.6	2.9
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10B	18:41:13	4.3	Bottom	3	1	25.77	8.31	28.54	111.5	7.73	2.7	3.5
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	SR10B	18:41:25	4.3	Bottom	3	2	25.82	8.31	28.4	111.5	7.73	2.6	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS2	16:18:20	1.0	Surface	1	1	25.1	8.03	23.03	107.1	7.75	1.4	2.6
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS2	16:17:51	1.0	Surface	1	2	25.32	8.06	23.01	105.6	7.62	1.2	4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS2	16:17:41	3.9	Middle	2	1	24.63	8.03	25.63	102.1	7.34	1.7	3.7
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS2	16:18:13	3.9	Middle	2	2	24.57	8	25.68	106	7.63	1.7	4.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS2	16:17:31	6.7	Bottom	3	1	24.55	8.06	25.87	100.7	7.24	1.8	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	2015-05-01	Mid-Flood	Sunny	CS2	16:18:03	6.7	Bottom	3	2	24.67	8.01	25.66	106.7	7.66	1.9	3.2
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:55:35	1.0	Surface	1	1	25.82	8.28	28.14	109.4	7.6	2.7	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:54:55	1.0	Surface	1	2	25.88	8.27	28.11	112.1	7.78	2.7	4.1
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:53:58	6.4	Middle	2	1	25.19	8.25	29.32	104.6	7.29	2.8	3
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:55:21	6.4	Middle	2	2	24.97	8.23	30.56	103.1	7.17	2.8	3.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:55:12	11.8	Bottom	3	1	24.83	8.21	32.39	105.7	7.28	2.9	2.4
HKLR	HY/2011/03	2015-05-01	Mid-Flood	Sunny	CS(Mf)5	17:53:50	11.8	Bottom	3	2	24.87	8.23	31.5	102.9	7.12	2.9	3.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:01:36	1.0	Surface	1	1	26.82	7.98	29.01	93	6.32	5	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:01:09	1.0	Surface	1	2	26.83	7.97	28.96	93.2	6.33	5.1	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:01:29	4.3	Middle	2	1	26.8	7.98	29.01	92.8	6.3	5.2	4.9
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:01:00	4.3	Middle	2	2	26.81	7.97	28.94	92.9	6.31	5.1	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:01:21	7.6	Bottom	3	1	26.81	7.98	28.99	92.7	6.3	5.2	3.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS5	12:00:49	7.6	Bottom	3	2	26.8	7.95	28.91	92.9	6.31	5.2	4.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)6	12:08:22	1.0	Surface	1	1	27.04	8.13	28.4	94.2	6.4	5.7	4.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)6	12:08:36	1.0	Surface	1	2	27.04	8.15	28.4	94.1	6.39	5.7	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)6	12:08:14	2.3	Bottom	3	1	27.02	8.13	28.44	94	6.39	5.6	4.9
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)6	12:08:27	2.3	Bottom	3	2	27.03	8.14	28.42	94.1	6.39	5.8	3.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS7	12:14:43	1.0	Surface	1	1	26.9	8.14	27.68	98.1	6.7	5.4	3.4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS7	12:14:23	1.0	Surface	1	2	26.91	8.1	27.56	97.8	6.69	5.5	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS7	12:14:15	2.2	Bottom	3	1	26.9	8.1	27.78	97.8	6.68	5.4	2.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS7	12:14:38	2.2	Bottom	3	2	26.89	8.13	27.83	98.5	6.73	5.4	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS8	12:36:30	1.0	Surface	1	1	26.86	8.17	25.98	93.3	6.45	5.7	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS8	12:36:17	1.0	Surface	1	2	26.88	8.16	25.97	93.2	6.43	5.6	3.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS8	12:36:10	2.9	Bottom	3	1	26.78	8.15	27.7	93.1	6.37	5.7	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS8	12:36:23	2.9	Bottom	3	2	26.79	8.16	27.7	93.2	6.38	5.7	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)9	12:22:30	1.0	Surface	1	1	26.87	8.21	26.79	95.7	6.57	6.6	2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)9	12:22:04	1.0	Surface	1	2	26.8	8.2	27	95.1	6.54	6.7	3.3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)9	12:21:57	2.6	Bottom	3	1	26.74	8.19	27.39	95.4	6.55	6.6	2.9
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS(Mf)9	12:22:19	2.6	Bottom	3	2	26.74	8.21	27.29	95.6	6.57	6.6	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:02:09	1.0	Surface	1	1	25.2	7.87	24.79	85.4	6.11	3.9	3.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:01:35	1.0	Surface	1	2	25.47	7.87	23.82	86.8	6.21	3.9	2.9
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:02:01	5.3	Middle	2	1	25.06	7.86	25.42	85.4	6.1	4.4	3.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:01:22	5.3	Middle	2	2	25.05	7.87	25.43	84.9	6.07	4.7	3.8
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:01:15	9.6	Bottom	3	1	25.05	7.87	25.44	85.5	6.11	4.6	4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	IS10	13:01:51	9.6	Bottom	3	2	25.06	7.86	25.42	86.1	6.15	4.1	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR3	11:51:13	0.7	Middle	2	1	26.85	8.12	28.27	93.5	6.38	4.6	4.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR3	11:51:21	0.7	Middle	2	2	26.84	8.12	28.39	93.5	6.37	4.6	3.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR4	12:29:58	1.0	Surface	1	1	26.8	8.04	26.03	93.3	6.45	5.6	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR4	12:30:13	1.0	Surface	1	2	26.75	8.05	26.04	93.3	6.45	5.8	2.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR4	12:30:04	2.7	Bottom	3	1	26.75	8.04	27.92	93.4	6.39	5.6	3.6
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR4	12:29:50	2.7	Bottom	3	2	26.8	8.05	27.64	93.5	6.4	5.5	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR5	12:53:50	1.0	Surface	1	1	25.39	7.87	24.06	87.6	6.27	3.3	2.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR5	12:53:17	1.0	Surface	1	2	25.22	7.87	24.11	87.5	6.28	3.7	3.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR5	12:53:08	4.3	Bottom	3	1	25.11	7.87	25.36	87.8	6.27	3.4	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR5	12:53:31	4.3	Bottom	3	2	25.08	7.87	25.41	86.7	6.19	3.5	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:41:52	1.0	Surface	1	1	26.49	8.09	27.16	93.8	6.48	3.6	2.3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:42:18	1.0	Surface	1	2	26.44	8.11	27.23	93.2	6.43	3.7	4.3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:42:11	3.3	Middle	2	1	26.24	8.09	27.9	92.4	6.38	3.7	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:41:44	3.3	Middle	2	2	26.27	8.07	27.84	93.3	6.44	3.6	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:42:00	5.6	Bottom	3	1	26.31	8.07	28.38	93.2	6.41	3.6	3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10A	13:41:37	5.6	Bottom	3	2	26.43	8.06	27.63	93.8	6.46	3.6	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10B	13:51:29	1.0	Surface	1	1	26.36	8.14	27.49	93.8	6.48	3.5	2.3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10B	13:51:43	1.0	Surface	1	2	26.19	8.15	27.24	91.9	6.37	3.5	2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10B	13:51:23	4.0	Bottom	3	1	26.46	8.14	27.53	94.3	6.5	3.6	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	SR10B	13:51:37	4.0	Bottom	3	2	26.1	8.12	29.55	92.4	6.33	3.5	2.1
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:38:15	1.0	Surface	1	1	25.48	7.89	23.95	90.6	6.48	2.4	2.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:37:40	1.0	Surface	1	2	25.46	7.9	24.14	89.5	6.39	2.6	2.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:38:02	3.9	Middle	2	1	25.06	7.87	25.49	87.5	6.25	4	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:37:28	3.9	Middle	2	2	25.02	7.89	25.68	86.6	6.18	4.2	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:37:18	6.7	Bottom	3	1	24.98	7.91	25.89	87.6	6.25	4.4	2.5
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS2	11:37:55	6.7	Bottom	3	2	25.05	7.87	25.62	88.6	6.32	4.1	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:14:41	1.0	Surface	1	1	26.15	8.02	27.46	85.6	5.93	6.2	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:14:08	1.0	Surface	1	2	26.1	8.02	27.61	85.6	5.93	6.4	3.4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:14:31	6.0	Middle	2	1	25.83	8.01	28.05	84.2	5.85	6.8	2.7
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:13:59	6.0	Middle	2	2	25.92	8.01	28.01	84.6	5.87	6.9	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:13:49	11.0	Bottom	3	1	25.85	8	30.12	84.8	5.82	6.9	2.3
HKLR	HY/2011/03	2015-05-04	Mid-Ebb	Sunny	CS(Mf)5	13:14:22	11.0	Bottom	3	2	25.87	7.98	30.29	84.7	5.8	6.9	3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:39:52	1.0	Surface	1	1	26.71	8.12	27.82	92.3	6.32	4.3	4.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:39:16	1.0	Surface	1	2	26.72	8.1	27.84	92.2	6.32	4.2	2.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:39:05	4.5	Middle	2	1	26.71	8.1	27.89	92	6.3	4.2	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:39:42	4.5	Middle	2	2	26.71	8.12	27.88	92	6.3	4.3	2.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:38:56	7.9	Bottom	3	1	26.71	8.08	27.87	92.2	6.32	4.3	5.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS5	07:39:32	7.9	Bottom	3	2	26.71	8.11	27.9	91.9	6.29	4.3	4.5
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)6	07:28:55	1.0	Surface	1	1	26.62	8.04	27.26	94.3	6.49	4.3	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)6	07:28:41	1.0	Surface	1	2	26.63	8.04	27.24	94.1	6.48	4.3	2.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)6	07:28:33	2.2	Bottom	3	1	26.68	8.04	27.49	94.4	6.48	4.1	3.8
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)6	07:28:47	2.2	Bottom	3	2	26.66	8.05	27.47	94.5	6.49	4.2	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS7	07:21:38	1.0	Surface	1	1	26.52	8.1	26.72	90.9	6.29	4.3	3.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS7	07:21:52	1.0	Surface	1	2	26.53	8.11	26.82	90.8	6.28	4.3	2.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS7	07:21:28	2.2	Bottom	3	1	26.56	8.09	27.13	91.2	6.29	4.3	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS7	07:21:42	2.2	Bottom	3	2	26.53	8.1	26.97	90.9	6.28	4.2	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS8	07:01:08	1.0	Surface	1	1	26.42	8.02	25.68	87	6.06	6.6	3.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS8	07:01:25	1.0	Surface	1	2	26.43	8.03	25.72	86.6	6.03	6.4	3.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS8	07:00:59	3.1	Bottom	3	1	26.42	8	25.91	87	6.06	6.6	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS8	07:01:16	3.1	Bottom	3	2	26.43	8.02	26.09	87	6.05	6.5	3.8
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)9	07:16:02	1.0	Surface	1	1	26.55	8.11	26.72	89.8	6.21	4.7	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)9	07:16:21	1.0	Surface	1	2	26.57	8.12	26.7	89.3	6.17	4.8	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)9	07:15:54	2.8	Bottom	3	1	26.61	8.1	27.49	90.2	6.2	4.8	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS(Mf)9	07:16:13	2.8	Bottom	3	2	26.66	8.1	27.96	89.8	6.15	4.8	3.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:40:59	1.0	Surface	1	1	25.12	7.88	25.16	87.3	6.24	11.7	8.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:42:24	1.0	Surface	1	2	25.1	7.88	25.19	86.9	6.21	11.9	8.5
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:42:11	5.3	Middle	2	1	25.04	7.88	25.39	86.8	6.2	14.4	7.9
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:40:42	5.3	Middle	2	2	25.05	7.88	25.35	87	6.22	15.2	8.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:40:33	9.5	Bottom	3	1	25.05	7.88	25.37	87.2	6.23	14.5	9
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	IS10	06:41:22	9.5	Bottom	3	2	25.03	7.88	25.44	86.9	6.21	14.3	7.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR3	07:46:25	0.8	Middle	2	1	26.72	8.17	27.78	93	6.38	3.9	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR3	07:46:31	0.8	Middle	2	2	26.73	8.18	27.76	93.1	6.38	3.9	3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR4	07:08:01	1.0	Surface	1	1	26.43	8.08	25.65	86.8	6.05	5.9	4.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR4	07:08:17	1.0	Surface	1	2	26.43	8.08	25.76	86.6	6.03	5.9	2.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR4	07:07:52	2.8	Bottom	3	1	26.43	8.02	25.82	86.7	6.04	6.1	3.7
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR4	07:08:09	2.8	Bottom	3	2	26.44	8.07	26.32	86.8	6.02	6.1	4.5
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR5	06:49:35	1.0	Surface	1	1	25.08	7.89	25.25	86.8	6.21	13.2	10.8
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR5	06:49:55	1.0	Surface	1	2	25.08	7.89	25.23	86.7	6.2	12.6	11.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR5	06:49:27	4.0	Bottom	3	1	25.05	7.89	25.38	86.7	6.2	14.4	11.5
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR5	06:49:45	4.0	Bottom	3	2	25.05	7.89	25.37	86.7	6.2	14.2	10
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:57:29	1.0	Surface	1	1	25.59	8.03	29.18	86	5.96	3.1	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:56:57	1.0	Surface	1	2	25.58	8.03	29.2	86.1	5.97	3.2	2.9
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:56:47	3.3	Middle	2	1	25.54	8.02	29.37	85.8	5.94	3.3	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:57:16	3.3	Middle	2	2	25.53	8.03	29.39	85.7	5.94	3.2	2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:57:05	5.6	Bottom	3	1	25.52	8.03	29.63	85.7	5.93	3.2	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10A	05:56:38	5.6	Bottom	3	2	25.52	8.03	29.62	85.8	5.94	3.1	3.1
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10B	05:48:09	1.0	Surface	1	1	25.58	8.03	29.27	86.1	5.96	3.4	3.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10B	05:47:52	1.0	Surface	1	2	25.55	8.02	29.41	86.1	5.96	3.3	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10B	05:47:59	3.7	Bottom	3	1	25.53	8.02	29.66	85.9	5.94	3.3	2.7
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	SR10B	05:47:44	3.7	Bottom	3	2	25.53	8.01	29.71	85.9	5.94	3.3	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:48	1.0	Surface	1	1	25.08	7.89	24.73	87.4	6.27	1.6	2.4
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:22	1.0	Surface	1	2	25.07	7.89	25	86.7	6.21	1.5	3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:39	3.9	Middle	2	1	24.88	7.89	25.77	87	6.23	1.5	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:08	3.9	Middle	2	2	24.83	7.89	25.95	86.6	6.19	1.6	3.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:02	6.8	Bottom	3	1	24.81	7.89	26.12	86.6	6.19	1.6	2.6
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS2	08:01:32	6.8	Bottom	3	2	24.89	7.89	25.8	87.3	6.24	1.4	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:28:43	1.0	Surface	1	1	26.04	7.97	26.64	85.7	5.98	5.7	2.2
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:29:21	1.0	Surface	1	2	26.13	7.99	26.62	85.9	5.98	5.6	3.9
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:28:31	6.2	Middle	2	1	25.08	7.91	31.6	82.5	5.69	5.6	4.3
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:29:08	6.2	Middle	2	2	25.13	7.94	31.31	81.4	5.62	5.6	2.8
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:28:19	11.4	Bottom	3	1	25.3	7.88	31.61	84.6	5.81	5.6	2.9
HKLR	HY/2011/03	2015-05-04	Mid-Flood	Sunny	CS(Mf)5	06:28:59	11.4	Bottom	3	2	25.12	7.92	31.71	81.2	5.59	5.6	3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:29	1.0	Surface	1	1	26.75	8.09	27.01	89.6	6.17	7.6	4
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:48	1.0	Surface	1	2	26.77	8.09	27	88.9	6.11	8.2	2.8
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:42	4.4	Middle	2	1	26.78	8.08	26.98	88.9	6.11	8.2	4.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:20	4.4	Middle	2	2	26.76	8.09	26.99	89.7	6.17	8	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:36	7.7	Bottom	3	1	26.77	8.09	26.99	89.3	6.14	8	4.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS5	12:57:12	7.7	Bottom	3	2	26.75	8.09	26.99	89.6	6.16	7.9	4.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)6	13:07:20	1.0	Surface	1	1	26.9	8.09	26.86	89.9	6.17	7.6	3.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)6	13:07:11	1.0	Surface	1	2	26.9	8.09	26.86	90.2	6.19	8.1	2.8
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)6	13:07:16	2.5	Bottom	3	1	26.9	8.09	26.86	90.1	6.19	8	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)6	13:07:07	2.5	Bottom	3	2	26.9	8.09	26.86	90.5	6.21	8.2	2.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS7	13:15:28	1.0	Surface	1	1	26.93	8.16	26.66	101.6	6.98	5.5	3.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS7	13:15:17	1.0	Surface	1	2	26.93	8.16	26.65	101.6	6.98	5.6	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS7	13:15:23	2.5	Bottom	3	1	26.93	8.16	26.67	102	7.01	5.5	2.8
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS7	13:15:11	2.5	Bottom	3	2	26.92	8.16	26.7	101.8	7	5.5	3.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS8	13:46:23	1.0	Surface	1	1	26.76	8.12	26.28	95.1	6.57	5.4	1.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS8	13:46:41	1.0	Surface	1	2	26.75	8.12	26.24	95.2	6.58	5.6	2.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS8	13:46:14	3.0	Bottom	3	1	26.82	8.12	26.63	95.2	6.55	5.8	1.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS8	13:46:30	3.0	Bottom	3	2	26.84	8.12	26.71	95.2	6.55	6.3	1.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)9	13:23:27	1.0	Surface	1	1	26.94	8.17	26.65	101.7	6.99	6.2	2.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)9	13:23:57	1.0	Surface	1	2	26.94	8.18	26.62	104.1	7.15	5.8	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)9	13:23:33	2.7	Bottom	3	1	26.94	8.17	26.69	102.3	7.03	6.1	4.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS(Mf)9	13:23:20	2.7	Bottom	3	2	26.93	8.16	26.72	101.3	6.96	6.3	3.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:03:37	1.0	Surface	1	1	25.37	7.72	24.46	86.1	6.15	4.1	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:03:11	1.0	Surface	1	2	25.35	7.77	24.48	85.9	6.14	4.1	2.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:03:04	5.4	Middle	2	1	25.23	7.72	25.41	85.8	6.11	4.4	2.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:03:29	5.4	Middle	2	2	25.21	7.73	25.47	85.7	6.1	4.3	3.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:02:53	9.8	Bottom	3	1	25.25	7.72	25.37	87.3	6.22	4.3	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	IS10	14:03:22	9.8	Bottom	3	2	25.24	7.74	25.5	87	6.19	4.4	2.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR3	12:43:18	0.8	Middle	2	1	26.74	8.08	26.68	91.1	6.28	7.1	4.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR3	12:43:24	0.8	Middle	2	2	26.74	8.09	26.71	90.8	6.26	7.2	4
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR4	13:33:53	1.0	Surface	1	1	26.78	8.12	26.25	95.3	6.58	5.4	2.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR4	13:34:13	1.0	Surface	1	2	26.83	8.12	26.37	95.1	6.56	5.5	3.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR4	13:34:08	2.9	Bottom	3	1	26.86	8.11	26.65	95.6	6.58	5.6	3.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR4	13:33:47	2.9	Bottom	3	2	26.86	8.11	26.61	95.6	6.58	5.6	2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR5	13:52:58	1.0	Surface	1	1	25.4	7.81	24.68	88.4	6.31	2.6	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR5	13:52:39	1.0	Surface	1	2	25.38	7.83	24.72	88.5	6.32	2.6	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR5	13:52:31	4.2	Bottom	3	1	25.34	7.82	25.07	88.7	6.32	2.6	3.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR5	13:52:49	4.2	Bottom	3	2	25.28	7.81	25.24	88.3	6.29	2.7	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:04:07	1.0	Surface	1	1	26.34	8.09	27.12	89.4	6.18	5.1	5.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:03:29	1.0	Surface	1	2	26.33	8.09	27.12	89.3	6.18	5	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:03:18	3.2	Middle	2	1	26.32	8.08	27.13	89.1	6.17	5	4.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:03:58	3.2	Middle	2	2	26.34	8.09	27.12	89.1	6.17	5.1	3.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:03:10	5.4	Bottom	3	1	26.32	8.08	27.14	89.2	6.17	5	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10A	15:03:49	5.4	Bottom	3	2	26.33	8.09	27.12	89	6.16	5.4	3.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10B	15:15:34	1.0	Surface	1	1	26.34	8.1	27.14	89.3	6.18	5.2	4.8
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10B	15:15:52	1.0	Surface	1	2	26.34	8.1	27.14	89.3	6.18	5.1	5.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10B	15:15:24	3.9	Bottom	3	1	26.34	8.1	27.13	89.3	6.18	5.2	4.3
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	SR10B	15:15:45	3.9	Bottom	3	2	26.34	8.1	27.14	89.2	6.18	5.2	3.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:42:24	1.0	Surface	1	1	25.54	8.09	23.12	92.1	6.61	5.6	5.4
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:41:57	1.0	Surface	1	2	25.54	8.06	23.09	91.3	6.55	5.7	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:41:46	4.0	Middle	2	1	25.28	8.04	23.32	87	6.26	5.9	4.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:42:15	4.0	Middle	2	2	25.36	8.08	23.32	90.4	6.5	5.8	3.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:41:31	7.0	Bottom	3	1	25.13	8.02	25.6	87.4	6.23	5.8	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS2	12:42:08	7.0	Bottom	3	2	25.3	8.08	25.48	92.2	6.56	5.8	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:28:24	1.0	Surface	1	1	26.29	8.09	26.97	83.1	5.76	8.1	4.2
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:27:47	1.0	Surface	1	2	26.3	8.09	27.01	83.4	5.78	8.1	4.1
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:27:34	6.7	Middle	2	1	25.89	8.07	29.08	81.5	5.63	8.6	4.5
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:28:12	6.7	Middle	2	2	25.9	8.08	29.06	81.2	5.6	9.5	2.7
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:27:26	12.4	Bottom	3	1	25.93	8.07	29.24	82.9	5.71	8.5	6.8
HKLR	HY/2011/03	2015-05-06	Mid-Ebb	Sunny	CS(Mf)5	14:28:01	12.4	Bottom	3	2	25.98	8.07	29.04	82.8	5.7	8.7	5.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:51:10	1.0	Surface	1	1	26.82	8.08	26.44	91	6.27	5.4	3
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:50:37	1.0	Surface	1	2	26.83	8.08	26.45	91	6.27	5.6	2.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:50:59	4.4	Middle	2	1	26.91	8.08	26.61	90.6	6.23	5.5	3.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:50:29	4.4	Middle	2	2	26.91	8.08	26.63	91	6.25	5.7	2.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:50:22	7.7	Bottom	3	1	26.86	8.08	26.6	91.2	6.27	5.6	2.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS5	08:50:52	7.7	Bottom	3	2	26.91	8.08	26.64	90.8	6.24	5.6	2.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)6	08:41:01	1.0	Surface	1	1	26.8	8.06	26.43	92	6.34	5.4	2.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)6	08:40:40	1.0	Surface	1	2	26.8	8.06	26.42	91.8	6.33	5.8	2.2
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)6	08:40:51	2.2	Bottom	3	1	26.8	8.06	26.42	91.9	6.34	5.5	2.3
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)6	08:40:35	2.2	Bottom	3	2	26.8	8.05	26.43	91.8	6.33	5.5	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS7	08:31:37	1.0	Surface	1	1	26.53	8.06	25.76	89.5	6.22	4.7	1.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS7	08:31:25	1.0	Surface	1	2	26.53	8.06	25.75	89.2	6.2	4.7	1.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS7	08:31:17	2.4	Bottom	3	1	26.5	8.06	26.02	88.9	6.18	4.8	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS7	08:31:31	2.4	Bottom	3	2	26.52	8.06	25.93	89.3	6.21	4.7	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS8	08:00:38	1.0	Surface	1	1	26.54	8.04	25.62	86.7	6.03	8	3.8
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS8	08:01:01	1.0	Surface	1	2	26.56	8.04	25.53	86.8	6.04	7.7	2.1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS8	08:00:32	3.1	Bottom	3	1	26.51	8.03	25.98	86.6	6.01	8.9	2.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS8	08:00:51	3.1	Bottom	3	2	26.51	8.03	25.98	86.5	6	9.2	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)9	08:23:52	1.0	Surface	1	1	26.55	8.06	25.69	90	6.26	4.8	2.3
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)9	08:24:07	1.0	Surface	1	2	26.53	8.06	25.75	89.6	6.23	4.8	1.1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)9	08:23:41	2.7	Bottom	3	1	26.5	8.06	26.02	89.7	6.23	5	2.2
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS(Mf)9	08:24:02	2.7	Bottom	3	2	26.51	8.06	25.9	89.7	6.24	4.8	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:45:23	1.0	Surface	1	1	25.06	8.02	25.66	84.2	6.01	8.7	6.3
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:44:38	1.0	Surface	1	2	25.03	8.02	25.8	83.6	5.97	8.6	6.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:44:29	5.5	Middle	2	1	24.96	8.02	26.16	83.3	5.94	8.9	6.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:45:06	5.5	Middle	2	2	24.96	8.01	26.16	83.5	5.95	8.8	5.2
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:44:21	9.9	Bottom	3	1	24.96	8.01	26.2	83.9	5.98	9.1	8.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	IS10	07:44:57	9.9	Bottom	3	2	24.96	7.99	26.18	84.3	6.01	8.8	9.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR3	09:01:48	0.8	Middle	2	1	26.79	8.08	26.42	91.7	6.32	5.9	3.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR3	09:02:01	0.8	Middle	2	2	26.79	8.09	26.43	91.8	6.33	5.5	2.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR4	08:11:24	1.0	Surface	1	1	26.55	8.04	25.6	86.9	6.04	9.4	3.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR4	08:11:11	1.0	Surface	1	2	26.56	8.04	25.56	86.7	6.03	8.6	2.8
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR4	08:11:03	2.8	Bottom	3	1	26.52	8.04	25.95	86.6	6.02	10.1	3.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR4	08:11:17	2.8	Bottom	3	2	26.55	8.04	25.82	87	6.04	10.2	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR5	07:55:32	1.0	Surface	1	1	25.14	7.99	25.36	85.9	6.13	5.3	7.3
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR5	07:55:54	1.0	Surface	1	2	25.1	7.99	25.54	84.7	6.05	5.3	8.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR5	07:55:42	4.2	Bottom	3	1	25.08	7.95	25.66	85.5	6.1	5.5	7.2
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR5	07:55:08	4.2	Bottom	3	2	25.06	7.99	25.79	85.1	6.06	5.4	7.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:52:45	1.0	Surface	1	1	25.58	8.02	28.92	80.9	5.61	3.9	1.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:52:17	1.0	Surface	1	2	25.6	8.01	28.93	81.2	5.63	4.3	1.1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:52:08	3.3	Middle	2	1	25.4	8.01	30.07	80.5	5.57	4.5	1.1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:52:37	3.3	Middle	2	2	25.35	8.01	30.29	80.2	5.54	4.3	1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:52:30	5.5	Bottom	3	1	25.37	8.01	30.37	80.5	5.56	4.7	0.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10A	06:51:55	5.5	Bottom	3	2	25.48	8	30.25	80.8	5.57	4.8	0.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10B	06:37:27	1.0	Surface	1	1	25.54	7.97	28.9	81.4	5.65	4	3.2
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10B	06:37:43	1.0	Surface	1	2	25.48	7.98	29.21	81.2	5.63	3.9	4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10B	06:37:36	4.1	Bottom	3	1	25.47	7.97	30.21	81.1	5.6	4.1	3.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	SR10B	06:37:18	4.1	Bottom	3	2	25.42	7.95	30.38	81.2	5.61	4.2	3.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:11:27	1.0	Surface	1	1	25.05	8.05	25.65	83.8	5.98	5.3	3.6
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:11:03	1.0	Surface	1	2	25.06	8.05	25.63	83.9	5.98	5.4	4.4
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:11:18	4.0	Middle	2	1	24.83	8.05	25.99	83.3	5.96	5.5	3.8
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:10:56	4.0	Middle	2	2	24.89	8.06	25.91	83	5.93	5.5	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:11:12	6.9	Bottom	3	1	24.88	8.05	27.1	83.8	5.95	5.6	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS2	09:10:45	6.9	Bottom	3	2	24.71	8.03	27.22	83.5	5.94	5.5	4.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:23:16	1.0	Surface	1	1	25.77	8.05	27.79	80.7	5.62	5.2	1.1
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:22:46	1.0	Surface	1	2	26.03	8.04	27.69	82.3	5.71	4.7	0.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:23:05	6.9	Middle	2	1	25.21	8.03	31.72	79.5	5.47	7.1	1.7
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:22:30	6.9	Middle	2	2	25.21	8.02	31.69	79.2	5.45	6.4	0.5
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:22:58	12.7	Bottom	3	1	25.38	8.03	31.61	81	5.56	6.3	0.9
HKLR	HY/2011/03	2015-05-06	Mid-Flood	Sunny	CS(Mf)5	07:22:25	12.7	Bottom	3	2	25.26	8.02	31.67	80	5.5	6.7	1.1
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:11:15	1.0	Surface	1	1	27.13	7.96	25.57	85.5	5.89	11.6	7.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:10:31	1.0	Surface	1	2	27.13	7.96	25.52	85.5	5.89	11.6	8.7
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:11:02	4.6	Middle	2	1	27.13	7.96	25.61	85.2	5.87	11.6	8.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:10:16	4.6	Middle	2	2	27.13	7.95	25.51	85.4	5.88	11.6	8.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:10:08	8.2	Bottom	3	1	27.13	7.95	25.5	85.3	5.88	11.8	8.1
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS5	14:10:56	8.2	Bottom	3	2	27.13	7.96	25.61	85.2	5.87	11.6	8.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)6	14:16:22	1.0	Surface	1	1	27.11	7.95	25.97	86.3	5.93	11.8	6.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)6	14:16:12	1.0	Surface	1	2	27.11	7.95	25.96	86.7	5.96	11.7	6.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)6	14:16:17	2.5	Bottom	3	1	27.12	7.95	25.96	86.2	5.93	12.2	9.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)6	14:16:08	2.5	Bottom	3	2	27.11	7.95	25.96	86.4	5.94	12	9.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS7	14:22:21	1.0	Surface	1	1	27.34	8	24.3	97.6	6.75	7.4	3.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS7	14:22:13	1.0	Surface	1	2	27.32	7.99	24.31	96.5	6.68	7.5	4
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS7	14:22:16	2.5	Bottom	3	1	27.37	8	24.34	97.2	6.71	7.7	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS7	14:22:09	2.5	Bottom	3	2	27.34	7.98	25.13	96.2	6.62	7.6	3.5
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS8	14:42:35	1.0	Surface	1	1	27.2	8	24.54	92.4	6.39	8	3.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS8	14:42:24	1.0	Surface	1	2	27.24	8	24.45	93	6.43	8	3.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS8	14:42:29	2.5	Bottom	3	1	27.27	8	24.58	91.9	6.36	8.1	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS8	14:42:16	2.5	Bottom	3	2	27.32	8	24.39	92.2	6.38	8	5.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)9	14:29:04	1.0	Surface	1	1	27.47	8.04	24.03	100	6.91	7	3.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)9	14:29:12	1.0	Surface	1	2	27.47	8.04	24.04	100.2	6.92	7	3.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)9	14:29:07	2.4	Bottom	3	1	27.47	8.04	24.04	100	6.91	7	3.3
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS(Mf)9	14:28:56	2.4	Bottom	3	2	27.47	8.04	24.03	99.8	6.9	7	3.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:28:46	1.0	Surface	1	1	26	8.08	20.5	83.6	6.04	6.2	2.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:28:07	1.0	Surface	1	2	26.27	8.07	20.37	89.6	6.45	6.2	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:28:36	5.2	Middle	2	1	25.42	8.08	23.6	84.1	6.06	6.4	2.7
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:27:49	5.2	Middle	2	2	25.54	8.08	23.44	85.8	6.14	6.3	2.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:28:29	9.4	Bottom	3	1	25.04	8.07	24.14	82.1	5.89	6.4	3.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	IS10	15:27:36	9.4	Bottom	3	2	25.58	8.08	23.52	81.9	5.87	6.6	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR3	14:02:25	0.8	Middle	2	1	27.15	8	24.66	87.4	6.05	11.6	5.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR3	14:02:22	0.8	Middle	2	2	27.15	8	24.61	87.6	6.07	11.6	5.5
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR4	14:36:22	1.0	Surface	1	1	27.14	7.97	24.4	91	6.27	8.2	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR4	14:36:12	1.0	Surface	1	2	27.11	7.96	24.45	91.9	6.33	8.4	4.5
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR4	14:36:08	2.5	Bottom	3	1	27.21	7.97	25.23	91	6.31	8.4	4
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR4	14:36:16	2.5	Bottom	3	2	27.2	7.97	25.25	90.4	6.27	8.2	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR5	15:17:54	1.0	Surface	1	1	25.91	8.09	20.71	88.1	6.37	5.2	2.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR5	15:17:38	1.0	Surface	1	2	26.09	8.08	20.42	90	6.5	5.2	2.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR5	15:17:29	4.2	Bottom	3	1	25.93	8.05	22.97	90.9	6.48	5.4	2.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR5	15:17:47	4.2	Bottom	3	2	25.82	8.06	23.06	90.1	6.44	5.3	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:52:10	1.0	Surface	1	1	27.1	8.01	22.66	86.2	6.02	8.8	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:51:48	1.0	Surface	1	2	27.14	8.01	22.98	86.1	6.01	8.7	3.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:51:39	3.4	Middle	2	1	26.75	7.99	24.56	86	5.91	8.7	3.6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:52:02	3.4	Middle	2	2	26.8	8	24.54	86	5.92	8.6	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:51:35	5.7	Bottom	3	1	27.1	7.99	26.48	84.7	5.91	8.9	6.1
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10A	15:51:57	5.7	Bottom	3	2	27.13	7.99	25.95	84.9	5.91	8.8	5.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10B	16:00:19	1.0	Surface	1	1	27.13	8.01	22.87	87.7	6.14	8.6	6
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10B	16:00:37	1.0	Surface	1	2	27.28	8.01	22.49	88.1	6.16	8.8	5.8
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10B	16:00:26	4.2	Bottom	3	1	27.2	8.01	24.33	87.6	6.07	8.9	5
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	SR10B	16:00:13	4.2	Bottom	3	2	27.23	8	24.31	87.8	6.08	8.8	5.1
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:01:40	1.0	Surface	1	1	26.4	8.04	20.04	89.9	6.47	6.6	3
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:02:12	1.0	Surface	1	2	26.37	8.04	20.06	90.7	6.53	6.3	3.1
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:02:02	4.0	Middle	2	1	26.02	8.03	22.6	88	6.28	6.6	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:01:27	4.0	Middle	2	2	25.67	8.02	22.73	82.2	5.9	6.7	2.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:01:50	6.9	Bottom	3	1	25.83	8.02	23.12	89.7	6.4	6.7	2.4
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS2	14:01:10	6.9	Bottom	3	2	25.55	8.01	23.36	83.5	5.99	6.8	2.5
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:16:04	1.0	Surface	1	1	27.1	8.01	22.72	81.9	5.74	8.9	5.2
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:15:21	1.0	Surface	1	2	27.27	8	22.66	84.7	5.92	9	5.3
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:15:01	5.8	Middle	2	1	25.75	7.99	27.49	78.8	5.41	9	5.3
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:15:50	5.8	Middle	2	2	26.1	7.99	27.21	78.6	5.37	9	5.9
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:15:38	10.6	Bottom	3	1	25.78	7.97	31.15	76.5	5.31	9.2	5.4
HKLR	HY/2011/03	2015-05-08	Mid-Ebb	Sunny	CS(Mf)5	15:14:52	10.6	Bottom	3	2	25.39	7.97	31.46	76.1	5.31	9.4	5.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:24:16	1.0	Surface	1	1	26.94	7.99	24.51	86.6	6.02	6.3	4.6
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:23:36	1.0	Surface	1	2	26.94	7.99	24.44	88.1	6.13	6.4	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:23:24	4.6	Middle	2	1	26.91	7.97	24.96	87.5	6.07	6.6	3.5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:24:08	4.6	Middle	2	2	26.9	7.98	25.08	86	5.96	6.6	3.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:24:00	8.2	Bottom	3	1	26.9	7.97	25.27	85	5.9	6.6	3.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS5	09:23:19	8.2	Bottom	3	2	26.91	7.97	25.12	86.4	6	6.6	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)6	09:16:37	1.0	Surface	1	1	26.96	8.02	24.26	88.7	6.15	6.5	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)6	09:16:30	1.0	Surface	1	2	26.96	8.02	24.28	89.4	6.2	6.5	3.2
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)6	09:16:33	2.4	Bottom	3	1	26.96	8.03	24.97	88.3	6.15	6.6	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)6	09:16:26	2.4	Bottom	3	2	26.95	8.03	24.95	88.8	6.18	6.7	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS7	09:07:48	1.0	Surface	1	1	27.05	8.04	23.55	92.3	6.44	6.5	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	2015-05-08	Mid-Flood	Sunny	IS7	09:07:35	1.0	Surface	1	2	27.05	8.04	23.55	92.5	6.45	6.6	4.7
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS7	09:07:40	2.5	Bottom	3	1	27.07	8.04	23.57	92.1	6.42	6.5	4.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS7	09:07:28	2.5	Bottom	3	2	27.07	8.04	23.58	92.1	6.43	6.7	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS8	08:42:36	1.0	Surface	1	1	26.9	7.97	23.19	84.9	5.94	8.7	5.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS8	08:42:45	1.0	Surface	1	2	26.91	7.98	22.45	84.5	5.94	8.8	5.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS8	08:42:30	2.5	Bottom	3	1	26.91	7.97	23.48	84.5	5.93	8.9	3.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS8	08:42:40	2.5	Bottom	3	2	26.91	7.97	23.06	84.4	5.92	8.9	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)9	08:58:10	1.0	Surface	1	1	26.93	7.99	23.4	87.8	6.14	8.3	6.2
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)9	08:58:21	1.0	Surface	1	2	26.94	7.99	23.77	87.7	6.11	8.3	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)9	08:58:06	2.5	Bottom	3	1	26.94	7.98	24.2	87.6	6.1	8.4	5.7
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS(Mf)9	08:58:15	2.5	Bottom	3	2	26.94	7.99	24.15	87.6	6.11	8.3	5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:57:02	1.0	Surface	1	1	25.76	7.93	20.28	83.5	6.07	6.6	5.6
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:56:18	1.0	Surface	1	2	25.75	7.92	20.59	84.4	6.12	6.4	5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:56:03	5.4	Middle	2	1	25.27	7.93	23.98	81.5	5.85	6.7	4.6
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:56:49	5.4	Middle	2	2	25.28	7.93	24.04	81.5	5.84	6.7	4
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:55:52	9.8	Bottom	3	1	25.27	7.9	24.43	82.7	5.92	6.8	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	IS10	08:56:36	9.8	Bottom	3	2	25.3	7.92	24.26	83	5.94	6.9	4
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR3	09:32:15	0.8	Middle	2	1	26.96	8.01	24.35	90.4	6.29	6.6	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR3	09:32:17	0.8	Middle	2	2	26.96	8.01	24.35	90.4	6.29	6.6	4.4
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR4	08:48:43	1.0	Surface	1	1	26.9	7.99	22.58	84.3	5.92	9.8	6.5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR4	08:48:51	1.0	Surface	1	2	26.91	8	22.41	84.1	5.92	9.9	6.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR4	08:48:39	2.6	Bottom	3	1	26.92	7.99	23.56	84.1	5.9	10	6.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR4	08:48:47	2.6	Bottom	3	2	26.92	7.99	23.66	84.2	5.88	9.9	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR5	09:05:57	1.0	Surface	1	1	25.55	7.94	21.2	83.2	6.03	6.6	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR5	09:05:38	1.0	Surface	1	2	25.57	7.94	20.82	83	6.03	6.5	4.4
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR5	09:05:30	4.2	Bottom	3	1	25.29	7.94	23.84	82.7	5.94	6.6	3.6
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR5	09:05:48	4.2	Bottom	3	2	25.4	7.94	23.47	83.1	5.97	6.6	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:41:28	1.0	Surface	1	1	26.9	7.99	21.26	82.7	5.86	6	3.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:40:53	1.0	Surface	1	2	26.86	7.98	21.08	83.3	5.91	6.1	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:40:46	3.2	Middle	2	1	26.72	7.96	23.23	82.7	5.82	6.1	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:41:17	3.2	Middle	2	2	26.43	7.99	23.91	81.1	5.71	6	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:41:12	5.4	Bottom	3	1	26.42	7.97	26.6	81.1	5.63	6	3.5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10A	07:40:35	5.4	Bottom	3	2	26.92	7.94	26.18	83.6	5.76	6.1	4.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10B	07:35:25	1.0	Surface	1	1	26.98	7.95	20.97	84	5.95	6.5	3.5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10B	07:35:53	1.0	Surface	1	2	27.03	7.94	20.9	84.5	5.99	6.5	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10B	07:35:34	4.0	Bottom	3	1	26.83	7.93	24.22	83.5	5.83	6.5	3.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	SR10B	07:35:13	4.0	Bottom	3	2	26.8	7.93	23.27	83.5	5.86	6.5	2.5
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:59	1.0	Surface	1	1	25.81	7.97	22.15	82.9	6.06	5.3	2.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:31	1.0	Surface	1	2	25.83	7.97	22.16	83.5	6.1	5	3.7
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:21	4.0	Middle	2	1	25.59	7.95	21.64	82.7	5.98	5.4	4.3
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:51	4.0	Middle	2	2	25.53	7.96	21.73	82	5.94	5.2	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:10	7.0	Bottom	3	1	25.49	7.95	23.29	84.6	6.07	5.4	4.2
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS2	10:11:45	7.0	Bottom	3	2	25.48	7.96	23.41	83.3	5.97	5.5	4.9
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:09:09	1.0	Surface	1	1	26.81	8.02	21.06	80.4	5.71	6.1	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:08:29	1.0	Surface	1	2	27.01	8	21.03	83.5	5.91	6.2	4
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:08:57	6.2	Middle	2	1	25.48	8	28.85	79.2	5.41	6.1	4.1
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:08:09	6.2	Middle	2	2	25.75	8	27.55	80.3	5.51	6.2	2.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:08:45	11.3	Bottom	3	1	25.81	7.97	30.96	75.7	5.27	6.2	4.8
HKLR	HY/2011/03	2015-05-08	Mid-Flood	Sunny	CS(Mf)5	08:08:01	11.3	Bottom	3	2	25.44	7.97	31.3	77.9	5.43	6.2	3.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:47	1.0	Surface	1	1	26.94	8.12	24.19	83.5	5.81	9.4	5.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:25	1.0	Surface	1	2	26.86	8.11	24.29	84.6	5.78	9.5	5.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:18	4.3	Middle	2	1	26.42	8.09	25.81	81.6	5.69	9.4	6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:40	4.3	Middle	2	2	26.25	8.09	26.19	81.8	5.7	9.5	6.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:33	7.5	Bottom	3	1	26.67	8.09	28.35	78.6	5.48	9.7	5.1
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS5	17:12:10	7.5	Bottom	3	2	26.66	8.09	28.51	79.2	5.52	9.8	6.1
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)6	17:17:58	1.0	Surface	1	1	27.48	8.19	22.24	104.8	7.31	7.5	4.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)6	17:17:45	1.0	Surface	1	2	27.47	8.18	22.23	103.7	7.24	7.5	5.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)6	17:17:35	2.3	Bottom	3	1	27.37	8.16	23.6	103.9	7.21	7.4	5.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)6	17:17:49	2.3	Bottom	3	2	27.45	8.17	23.54	104.4	7.24	7.3	5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS7	17:23:56	1.0	Surface	1	1	27.42	8.18	21.65	105.7	7.41	7.7	6.6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS7	17:24:09	1.0	Surface	1	2	27.44	8.19	21.74	106.5	7.45	7.4	6.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS7	17:24:01	2.3	Bottom	3	1	27.42	8.18	22.54	106.0	7.39	7.4	6.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS7	17:23:48	2.3	Bottom	3	2	27.41	8.17	22.21	105.5	7.37	7.3	5.7
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS8	17:48:48	1.0	Surface	1	1	26.98	8.14	22.24	89.7	6.31	9.1	4.7
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS8	17:49:00	1.0	Surface	1	2	27.12	8.15	22.11	92.5	6.5	8.7	5.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS8	17:48:53	3.1	Bottom	3	1	27.16	8.14	25.11	92.3	6.38	8.7	5.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS8	17:48:42	3.1	Bottom	3	2	27.17	8.13	25.31	89.9	6.2	9.1	5.1
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)9	17:34:36	1.0	Surface	1	1	27.31	8.17	22.04	102.8	7.2	8.5	5.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)9	17:34:21	1.0	Surface	1	2	27.43	8.19	21.78	106.4	7.45	8.7	5.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)9	17:34:30	2.7	Bottom	3	1	27.32	8.17	22.8	105.4	7.35	8.6	4.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS(Mf)9	17:34:15	2.7	Bottom	3	2	27.48	8.18	22.87	107.2	7.46	8.6	4.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:00:56	1.0	Surface	1	1	25.43	7.53	29.77	103.2	7.39	4.4	2.6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:01:20	1.0	Surface	1	2	25.26	7.58	29.94	103.5	7.41	4.5	2.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:01:14	5.2	Middle	2	1	25.08	7.57	30.21	97.1	6.95	4.6	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:00:50	5.2	Middle	2	2	25.22	7.52	28.77	100.0	7.16	4.4	2.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:01:08	9.4	Bottom	3	1	25.22	7.49	30.21	99.6	7.13	4.7	2.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	IS10	18:00:44	9.4	Bottom	3	2	25.57	7.53	29.86	99.3	7.11	4.6	2.7
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR3	17:01:41	0.7	Middle	2	1	27.41	8.13	24.04	97.8	6.76	7.8	5.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR3	17:01:47	0.7	Middle	2	2	27.42	8.13	24.03	98.3	6.8	7.6	5.1
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR4	17:44:53	1.0	Surface	1	1	27.19	8.15	22.09	94.5	6.64	8.4	5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR4	17:44:37	1.0	Surface	1	2	27.25	8.14	22.02	95.4	6.69	8.5	4.6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR4	17:44:29	2.6	Bottom	3	1	27.21	8.12	23.97	93.3	6.48	8.4	4.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR4	17:44:44	2.6	Bottom	3	2	26.91	8.1	24.64	94.8	6.59	8.3	5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR5	17:54:53	1.0	Surface	1	1	25.41	7.59	29.25	103.2	7.39	4.3	2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR5	17:55:13	1.0	Surface	1	2	25.56	7.59	29.93	97.3	6.97	4.5	3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR5	17:54:46	4.3	Bottom	3	1	25.68	7.61	29.03	99.6	7.13	4.4	3.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR5	17:55:00	4.3	Bottom	3	2	25.47	7.56	29.37	99.3	7.11	4.5	3.5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:02:18	1.0	Surface	1	1	26.79	8.14	24.49	92.9	6.48	4.8	3.5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:01:52	1.0	Surface	1	2	26.63	8.12	24.58	90.0	6.29	4.7	3.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:01:44	3.2	Middle	2	1	26.4	8.11	25.74	89.6	6.26	4.7	4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:02:06	3.2	Middle	2	2	26.57	8.12	25.15	90.9	6.31	4.7	3.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:01:58	5.4	Bottom	3	1	26.66	8.12	25.51	90.3	6.3	4.7	2.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10A	19:01:39	5.4	Bottom	3	2	26.55	8.11	25.74	88.7	6.18	4.6	2.9
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10B	19:11:48	1.0	Surface	1	1	26.69	8.15	24.52	92.5	6.46	4.8	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10B	19:11:31	1.0	Surface	1	2	26.73	8.15	24.52	92.5	6.45	4.8	3.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10B	19:11:39	4.2	Bottom	3	1	26.61	8.14	25.62	92.6	6.43	4.8	3.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	SR10B	19:11:21	4.2	Bottom	3	2	26.67	8.14	25.7	91.8	6.37	4.7	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:32	1.0	Surface	1	1	25.65	7.55	29.33	101.4	7.26	5.7	4.2
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:53	1.0	Surface	1	2	25.65	7.59	29.65	103.4	7.4	5.7	3.9
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:27	4.1	Middle	2	1	25.23	7.5	28.56	100.4	7.19	5.7	3.3
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:45	4.1	Middle	2	2	25.16	7.53	28.87	99.6	7.13	5.8	3.4
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:41	7.2	Bottom	3	1	25.7	7.54	31.25	96.4	6.9	5.8	3.5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS2	16:42:19	7.2	Bottom	3	2	24.91	7.53	31.39	98.2	7.03	5.9	3.5
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:21:40	1.0	Surface	1	1	26.73	8.13	23.86	81.7	5.72	7.4	6.6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:22:17	1.0	Surface	1	2	26.54	8.14	23.96	79.6	5.59	7.5	6.1
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:22:08	6.2	Middle	2	1	25.5	8.12	28.05	78.1	5.35	7.4	5.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:21:29	6.2	Middle	2	2	25.46	8.11	27.89	81.0	5.54	7.9	5.8
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:21:56	11.4	Bottom	3	1	24.65	8.1	34.04	74.9	5.23	7.7	6
HKLR	HY/2011/03	2015-05-11	Mid-Ebb	Cloudy	CS(Mf)5	18:21:19	11.4	Bottom	3	2	24.78	8.09	33.95	76.2	5.33	7.7	7.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:55:41	1.0	Surface	1	1	26.88	8.09	22.21	79.3	5.47	9.1	4.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:55:14	1.0	Surface	1	2	27.08	8.09	22.07	80.6	5.67	9.3	4.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:55:00	4.4	Middle	2	1	26.08	8.04	26.61	78.4	5.41	9.6	4.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:55:31	4.4	Middle	2	2	26.08	8.04	26.37	76.2	5.37	9.3	4.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:54:51	7.8	Bottom	3	1	26.34	8.04	27.64	72.2	5.04	9.8	4.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS5	11:55:23	7.8	Bottom	3	2	26.44	8.04	27.53	73.2	5.11	9.4	3.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)6	11:46:39	1.0	Surface	1	1	27.25	8.09	21	93.7	6.61	10.5	8.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)6	11:46:53	1.0	Surface	1	2	27.25	8.1	21.01	94.1	6.64	10.7	7.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)6	11:46:45	2.3	Bottom	3	1	27.25	8.09	21.03	94.1	6.63	10.6	7.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)6	11:46:33	2.3	Bottom	3	2	27.25	8.09	21.02	93.2	6.57	10.3	8.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS7	11:39:43	1.0	Surface	1	1	27.16	8.08	20.95	92.7	6.55	15.5	13
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS7	11:39:30	1.0	Surface	1	2	27.15	8.08	20.94	92.4	6.53	15.6	13
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS7	11:39:22	2.3	Bottom	3	1	27.15	8.08	20.94	91.9	6.5	15.8	12.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS7	11:39:35	2.3	Bottom	3	2	27.16	8.08	20.94	92.5	6.54	15.4	12.8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS8	11:15:50	1.0	Surface	1	1	27.04	8.06	22.22	86.4	6.07	8.6	4.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS8	11:15:36	1.0	Surface	1	2	27.06	8.06	22.23	86.8	6.1	8.6	2.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS8	11:15:29	3.0	Bottom	3	1	27.07	8.05	22.35	86.5	6.08	8.8	3.5
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS8	11:15:42	3.0	Bottom	3	2	27.06	8.06	23.02	87.1	6.1	8.7	3.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)9	11:32:08	1.0	Surface	1	1	27.09	8.04	22.08	93.6	6.58	7.4	3.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)9	11:32:26	1.0	Surface	1	2	27.13	8.09	22.02	94.4	6.64	7.5	3.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)9	11:32:17	2.7	Bottom	3	1	27.07	8.06	22.27	94.4	6.63	7.5	3.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS(Mf)9	11:32:01	2.7	Bottom	3	2	27.09	8.01	22.26	93.8	6.59	7.5	2.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:22:13	1.0	Surface	1	1	24.43	7.57	31.79	103.5	7.41	4.2	3.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:21:35	1.0	Surface	1	2	24.86	7.56	29.27	99.9	7.15	4.2	3.4
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:22:09	5.4	Middle	2	1	23.98	7.64	32.91	98.0	7.02	4.6	4
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:21:30	5.4	Middle	2	2	24.61	7.58	31.32	98.6	7.06	4.5	3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:21:24	9.8	Bottom	3	1	25.02	7.68	33.12	96.5	6.91	4.8	2.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	IS10	11:21:52	9.8	Bottom	3	2	24.08	7.59	35.86	96.8	6.93	4.7	3.4
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR3	12:05:21	0.8	Middle	2	1	27.18	8.1	22.16	91.1	6.39	7.3	2.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR3	12:05:16	0.8	Middle	2	2	27.18	8.1	22.16	91.0	6.38	7.1	2.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR4	11:23:07	1.0	Surface	1	1	27.1	8.08	22.19	88.8	6.24	7.5	2.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR4	11:22:55	1.0	Surface	1	2	27.08	8.08	22.22	88.1	6.19	7.3	3.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR4	11:22:46	2.7	Bottom	3	1	27.08	8.07	22.33	88.3	6.2	7.6	3.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR4	11:23:00	2.7	Bottom	3	2	27.09	8.08	22.28	88.7	6.23	7.5	3.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR5	11:27:37	1.0	Surface	1	1	24.71	7.59	31.72	99.7	7.14	4.8	8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR5	11:27:27	1.0	Surface	1	2	25.01	7.56	30.6	101.8	7.29	4.7	8.5
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR5	11:27:33	4.5	Bottom	3	1	24.99	7.58	32.74	103.5	7.41	4.8	7.9
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR5	11:27:24	4.5	Bottom	3	2	25.04	7.56	30.47	100.4	7.19	4.8	8.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:11:49	1.0	Surface	1	1	26.46	8.05	23.01	85.8	6.06	4.7	0.8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:12:14	1.0	Surface	1	2	26.52	8.05	23.12	87.6	6.18	4.6	1.4
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:11:40	3.3	Middle	2	1	26.01	8.03	25.01	83.8	5.9	4.6	1.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:12:05	3.3	Middle	2	2	26.3	8.04	23.35	85.3	6.04	4.7	0.9
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:11:35	5.6	Bottom	3	1	26.31	8.02	27.43	86.1	5.95	4.6	1.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10A	10:11:58	5.6	Bottom	3	2	26.33	8.02	26.53	86.4	6	4.7	2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10B	10:02:59	1.0	Surface	1	1	26.49	7.95	24.65	87.6	6.19	5.1	1.4
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10B	10:03:15	1.0	Surface	1	2	26.48	7.98	23.12	88.2	6.23	4.8	1.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10B	10:03:06	4.0	Bottom	3	1	26.43	7.95	23.2	88.0	6.17	4.9	1.7
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	SR10B	10:02:50	4.0	Bottom	3	2	26.33	7.92	23.33	87.1	6.11	4.7	1.2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:37:38	1.0	Surface	1	1	25.71	7.45	29.58	103.6	7.42	6	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:37:06	1.0	Surface	1	2	25.14	7.58	29.14	99.4	7.12	5.8	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:37:31	4.2	Middle	2	1	25.46	7.57	29.87	100.7	7.21	6.3	2.6
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:37:00	4.2	Middle	2	2	24.82	7.6	30.49	95.5	6.84	6.2	2.5
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:36:54	7.3	Bottom	3	1	25.36	7.69	32.29	98.7	6.99	6.3	3.1
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS2	12:37:26	7.3	Bottom	3	2	25.27	7.49	29.71	102.1	7.31	6.4	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:43:32	1.0	Surface	1	1	26.46	8.11	22.15	79.2	5.63	5.9	2.3
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:43:01	1.0	Surface	1	2	26.38	8.1	22.42	78.6	5.58	5.9	2.9
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:42:52	6.3	Middle	2	1	25.35	8.09	27.91	75.9	5.32	6.1	2.5
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:43:22	6.3	Middle	2	2	25.28	8.09	27.98	78.4	5.39	5.8	2
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:43:14	11.5	Bottom	3	1	25.04	8.06	32.26	76.3	5.35	5.8	2.8
HKLR	HY/2011/03	2015-05-11	Mid-Flood	Cloudy	CS(Mf)5	10:42:44	11.5	Bottom	3	2	25.51	8.05	31.95	77.3	5.28	6.1	2.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:46:18	1.0	Surface	1	1	26.24	8.15	22.58	76.1	5.42	6.4	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:45:46	1.0	Surface	1	2	26.17	8.15	22.65	75.9	5.41	6.7	3.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:46:06	4.2	Middle	2	1	25.29	8.09	29.67	74.3	5.15	6.4	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:45:35	4.2	Middle	2	2	25.3	8.09	29.64	75.4	5.22	6.6	4.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:45:25	7.4	Bottom	3	1	25.55	8.09	29.6	70.6	4.9	6.6	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS5	10:45:59	7.4	Bottom	3	2	25.41	8.09	29.73	70.7	4.91	6.6	3.5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)6	10:38:22	1.0	Surface	1	1	26.58	8.12	21.7	85.9	6.11	11.3	2.9
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)6	10:38:10	1.0	Surface	1	2	26.65	8.13	21.74	87.6	6.21	11.2	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)6	10:38:02	2.1	Bottom	3	1	26.61	8.11	23.57	88.7	6.23	11.5	4
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)6	10:38:17	2.1	Bottom	3	2	26.58	8.11	23.57	87.4	6.15	11.3	4.9
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS7	10:30:38	1.0	Surface	1	1	26.44	8.16	21.55	97	6.92	12	6.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS7	10:30:57	1.0	Surface	1	2	26.45	8.16	21.55	97.4	6.94	11.8	6.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS7	10:30:46	2.2	Bottom	3	1	26.44	8.16	21.55	97.1	6.93	11.9	8.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS7	10:30:29	2.2	Bottom	3	2	26.43	8.16	21.55	97.1	6.92	12.1	9
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS8	10:06:23	1.0	Surface	1	1	26.5	8.11	22.01	83.7	5.95	11.5	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS8	10:06:37	1.0	Surface	1	2	26.49	8.1	22	84.3	5.9	11.7	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS8	10:06:13	3.0	Bottom	3	1	26.4	8.07	24.97	83.8	5.87	11.7	3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS8	10:06:30	3.0	Bottom	3	2	26.48	8.07	24.83	82.4	5.85	11.8	2.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)9	10:24:20	1.0	Surface	1	1	26.46	8.15	21.68	91.7	6.53	6.3	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)9	10:24:00	1.0	Surface	1	2	26.46	8.14	21.69	92	6.45	6.4	3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)9	10:23:52	2.7	Bottom	3	1	26.46	8.11	24.58	89.6	6.38	6.5	2.9
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS(Mf)9	10:24:07	2.7	Bottom	3	2	26.47	8.11	24.48	90.7	6.36	6.5	3.6
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:32:35	1.0	Surface	1	1	24.97	7.83	18.37	78.6	5.85	2.9	3.5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:33:16	1.0	Surface	1	2	25.09	7.82	18.34	83.8	6.23	2.6	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:32:24	5.2	Middle	2	1	24.5	7.83	25.81	75	5.4	3.9	3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:32:59	5.2	Middle	2	2	24.49	7.82	25.95	75.4	5.42	3.5	3.6
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:32:12	9.4	Bottom	3	1	24.46	7.82	26.51	78.9	5.66	4.5	3.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	IS10	09:32:47	9.4	Bottom	3	2	24.62	7.82	25.83	79.7	5.72	4.2	4.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR3	10:55:56	0.8	Middle	2	1	26.44	8.15	22.56	90.6	6.42	6.5	5.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR3	10:55:48	0.8	Middle	2	2	26.45	8.15	22.56	90.2	6.39	6.4	5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR4	10:13:41	1.0	Surface	1	1	26.54	8.11	22.1	84.8	6.02	10.1	4.6
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR4	10:13:56	1.0	Surface	1	2	26.49	8.11	22.04	83	5.9	10.3	4.4
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR4	10:13:31	2.6	Bottom	3	1	26.52	8.08	24.37	85.4	5.98	10.7	4.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR4	10:13:47	2.6	Bottom	3	2	26.45	8.08	25.31	84.3	5.88	10.4	4.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR5	09:42:07	1.0	Surface	1	1	25.01	7.82	18.46	83.2	6.19	2	3.7
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR5	09:41:49	1.0	Surface	1	2	24.91	7.83	18.5	81.1	6.04	2	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR5	09:41:57	3.9	Bottom	3	1	24.78	7.82	24.85	82	5.91	2.1	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR5	09:41:42	3.9	Bottom	3	2	24.69	7.83	24.6	81	5.85	2.1	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:44:29	1.0	Surface	1	1	25.08	8.11	28.03	78.9	5.43	4.5	3.6
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:44:10	1.0	Surface	1	2	25.26	8.12	27.48	77.6	5.46	4.5	2.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:44:02	3.3	Middle	2	1	24.89	8.09	31.45	76.9	5.37	4.5	2.6
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:44:23	3.3	Middle	2	2	24.92	8.09	31.37	78.3	5.4	4.5	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:44:17	5.6	Bottom	3	1	25.12	8.09	31.54	77.1	5.34	4.4	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10A	08:43:55	5.6	Bottom	3	2	25.05	8.09	31.73	76.3	5.28	4.5	2.4
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10B	08:38:37	1.0	Surface	1	1	25.22	8.09	28.02	78.9	5.54	4.4	2.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10B	08:38:21	1.0	Surface	1	2	25.19	8.08	28.21	79	5.54	4.6	3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10B	08:38:13	4.1	Bottom	3	1	25.23	8.06	31.06	79.3	5.47	4.5	2.4
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	SR10B	08:38:29	4.1	Bottom	3	2	25.14	8.07	31.16	79.1	5.47	4.5	2.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:05:10	1.0	Surface	1	1	25.29	7.82	19.59	89.4	6.57	2.3	3.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:03:57	1.0	Surface	1	2	25.32	7.82	19.4	86.2	6.34	2.5	3.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:04:37	3.8	Middle	2	1	24.51	7.82	25.94	72.6	5.22	5.8	3.1
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:03:38	3.8	Middle	2	2	24.42	7.82	26.2	72.8	5.24	6.3	3.2
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:04:21	6.6	Bottom	3	1	24.3	7.81	27.26	74.5	5.34	6.4	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS2	11:03:29	6.6	Bottom	3	2	24.22	7.82	27.51	73.6	5.28	6.5	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:25:58	1.0	Surface	1	1	25.67	8.14	25.44	77	5.44	6.7	3.5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:26:40	1.0	Surface	1	2	25.92	8.12	25.27	79.4	5.6	6.5	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:26:27	6.0	Middle	2	1	25.18	8.13	28.94	74.2	5.16	6.6	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:25:48	6.0	Middle	2	2	24.86	8.12	31.51	75.9	5.2	6.6	3.5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:25:36	11.0	Bottom	3	1	24.81	8.1	33.38	73.6	5.09	6.6	3.5
HKLR	HY/2011/03	2015-05-13	Mid-Ebb	Sunny	CS(Mf)5	09:26:14	11.0	Bottom	3	2	24.71	8.1	33.5	73.9	5.09	6.6	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:31:10	1.0	Surface	1	1	26.37	8.12	22.85	77.4	5.39	11.2	5.6
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:30:46	1.0	Surface	1	2	26.26	8.11	22.8	75.9	5.31	11.2	5.5
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:30:37	4.3	Middle	2	1	25.5	8.06	29.32	74.8	5.2	11.6	4.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:30:59	4.3	Middle	2	2	25.49	8.06	29.18	76	5.3	11.2	5.2
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:30:32	7.5	Bottom	3	1	26.01	8.07	29.85	72.5	5.03	11.1	6.1
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS5	13:30:53	7.5	Bottom	3	2	26.09	8.07	29.8	72.8	5.06	11.4	6.1
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)6	13:39:10	1.0	Surface	1	1	26.59	8.16	21.81	93.9	6.67	13.4	9.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)6	13:39:27	1.0	Surface	1	2	26.65	8.17	21.76	98.8	7.01	13.4	8.5
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)6	13:39:16	2.3	Bottom	3	1	26.63	8.15	21.96	96.2	6.82	13.1	10.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)6	13:39:01	2.3	Bottom	3	2	26.41	8.11	23.23	94.5	6.68	13.4	9.9
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS7	13:46:28	1.0	Surface	1	1	26.7	8.15	21.59	97.5	6.92	12.5	14
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS7	13:46:43	1.0	Surface	1	2	26.67	8.14	21.63	96.8	6.87	12.6	12.9
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS7	13:46:20	2.2	Bottom	3	1	26.7	8.15	21.58	96.8	6.87	12.1	14.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS7	13:46:35	2.2	Bottom	3	2	26.68	8.14	21.64	97.7	6.94	12.7	13.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS8	14:08:35	1.0	Surface	1	1	26.27	8.12	24.46	85.8	6.03	22.3	12.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS8	14:08:51	1.0	Surface	1	2	26.28	8.12	24.37	86.5	6.09	22.6	12.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS8	14:08:41	3.2	Bottom	3	1	26.28	8.12	24.56	86.2	6.06	22.6	11.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS8	14:08:26	3.2	Bottom	3	2	26.26	8.12	24.68	85.6	6.02	22.1	11.6
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)9	13:53:38	1.0	Surface	1	1	26.5	8.14	22.73	90.4	6.4	7.7	4.2
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)9	13:53:24	1.0	Surface	1	2	26.69	8.16	22.63	95.9	6.77	7.7	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)9	13:53:15	2.7	Bottom	3	1	26.67	8.15	24.01	96.4	6.75	7.9	3.9
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS(Mf)9	13:53:31	2.7	Bottom	3	2	26.45	8.11	26.82	94.4	6.54	7.7	4.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:41:05	1.0	Surface	1	1	25.25	7.85	20.14	89.9	6.59	3.1	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:41:42	1.0	Surface	1	2	25.2	7.85	20.16	84.2	6.18	3.4	3.1
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:41:28	5.3	Middle	2	1	24.2	7.84	27.71	75.6	5.41	5.5	3.6
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:40:45	5.3	Middle	2	2	24.3	7.85	27.34	73.8	5.28	5.2	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:41:21	9.6	Bottom	3	1	24.21	7.84	28.04	80.6	5.76	6	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	IS10	14:40:36	9.6	Bottom	3	2	24.07	7.85	28.26	76.4	5.46	6.6	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR3	13:21:01	0.7	Middle	2	1	26.68	8.14	22.71	97.2	6.86	9.1	5.5
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR3	13:21:07	0.7	Middle	2	2	26.66	8.13	22.81	96.5	6.8	9.1	7.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR4	14:03:06	1.0	Surface	1	1	26.3	8.12	24.26	88.3	6.21	23.1	8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR4	14:03:33	1.0	Surface	1	2	26.26	8.12	24.5	86.1	6.06	23.1	8.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR4	14:03:24	2.7	Bottom	3	1	26.21	8.11	25.02	86.4	6.07	23.5	8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR4	14:02:54	2.7	Bottom	3	2	26.29	8.12	24.5	87.9	6.19	23.4	8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR5	14:33:02	1.0	Surface	1	1	25.22	7.85	20.2	93.2	6.84	1.5	3.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR5	14:32:42	1.0	Surface	1	2	25.17	7.85	20.24	94.2	6.85	1.6	3.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR5	14:32:51	3.5	Bottom	3	1	25.01	7.85	24.57	92.8	6.67	2.2	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR5	14:32:36	3.5	Bottom	3	2	25.06	7.85	22.26	92.8	6.82	2.3	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:32:35	1.0	Surface	1	1	25.84	8.15	26.97	87.6	6.12	4.7	3.3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:33:17	1.0	Surface	1	2	25.82	8.15	27.83	86.8	6.04	4.9	2.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:32:21	3.3	Middle	2	1	25.19	8.12	30.33	83.6	5.79	5	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:33:04	3.3	Middle	2	2	25.17	8.12	30.45	84	5.81	5.1	2.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:32:12	5.5	Bottom	3	1	25.27	8.12	30.41	81.9	5.68	5.1	2.7
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10A	15:32:48	5.5	Bottom	3	2	25.21	8.12	30.58	81	5.61	5	2.9
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10B	15:41:49	1.0	Surface	1	1	25.93	8.17	26.13	90.5	6.35	5	2
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10B	15:41:31	1.0	Surface	1	2	25.94	8.17	26.05	89.7	6.29	5.1	3.2
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10B	15:41:39	4.6	Bottom	3	1	25.67	8.14	30.37	90.6	6.23	5.2	3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	SR10B	15:41:22	4.6	Bottom	3	2	25.7	8.14	30.09	88.6	6.1	5	2.5
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:28	1.0	Surface	1	1	25.06	7.84	20.05	78.4	5.78	5	3.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:57	1.0	Surface	1	2	25.08	7.84	20.1	79.5	5.85	5.3	2.4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:45	3.8	Middle	2	1	24.35	7.85	25.32	74.8	5.41	7.5	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:16	3.8	Middle	2	2	24.18	7.85	24.45	72.5	5.29	7.8	3
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:38	6.5	Bottom	3	1	24.28	7.85	28.28	78.1	5.57	7.8	3.9
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS2	13:09:09	6.5	Bottom	3	2	24.11	7.85	28.31	74.8	5.34	8.3	4
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:57:43	1.0	Surface	1	1	26.18	8.15	25.51	82.7	5.8	6.4	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:58:18	1.0	Surface	1	2	25.73	8.14	25.8	81.4	5.58	6.3	4.1
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:57:31	6.3	Middle	2	1	24.91	8.11	31.14	79.4	5.45	6.6	3.8
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:58:09	6.3	Middle	2	2	24.99	8.11	31.45	78.9	5.56	6.6	4.2
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:57:22	11.5	Bottom	3	1	25.04	8.1	32.5	76.1	5.28	6.7	3.6
HKLR	HY/2011/03	2015-05-13	Mid-Flood	Sunny	CS(Mf)5	14:57:56	11.5	Bottom	3	2	25.25	8.1	32.31	76.2	5.26	6.6	3.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:23:58	1.0	Surface	1	1	25.97	7.65	17.24	78.8	5.8	8.5	7
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:24:34	1.0	Surface	1	2	26.11	7.65	17.13	81.4	5.98	8.5	6.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:24:20	5.4	Middle	2	1	25.22	7.64	20.84	76.3	5.58	8.6	6.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:23:47	5.4	Middle	2	2	25.29	7.64	20.89	75.7	5.53	8.6	6.8
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:23:37	9.8	Bottom	3	1	25.17	7.61	24.66	77.8	5.57	8.7	6.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS5	11:24:10	9.8	Bottom	3	2	25.37	7.6	25.43	79.3	5.64	8.6	6.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)6	11:31:45	1.0	Surface	1	1	25.98	7.65	17.13	83.6	6.16	4.6	2.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)6	11:31:59	1.0	Surface	1	2	25.94	7.65	17.13	83.7	6.17	4.6	3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)6	11:31:37	4.0	Bottom	3	1	25.8	7.62	20.03	84.7	6.16	4.7	2.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)6	11:31:51	4.0	Bottom	3	2	25.82	7.62	20.1	84.4	6.13	4.6	2.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS7	12:36:23	1.0	Surface	1	1	25.67	7.67	17.52	82.1	5.97	6.5	2.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS7	12:35:56	1.0	Surface	1	2	26.31	7.7	16.86	83.5	6.13	6.7	2.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS7	12:36:15	4.0	Bottom	3	1	25.1	7.61	21.94	77.9	5.76	6.6	2.8
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS7	12:35:44	4.0	Bottom	3	2	25.21	7.62	21.57	81.2	5.91	6.6	2.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS8	12:36:08	1.0	Surface	1	1	25.09	7.62	22.18	77.2	5.62	6.6	2.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS8	12:35:24	1.0	Surface	1	2	25.06	7.61	22.27	75.5	5.5	6.7	2.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS8	16:44:00	1.1	Bottom	3	1	25.93	7.74	17.08	83.3	6.14	11.1	2.2
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS8	16:43:21	1.1	Bottom	3	2	26.09	7.74	17.44	85.2	6.25	11.3	2.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)9	16:43:10	1.0	Surface	1	1	25.44	7.72	20.96	83.8	6.1	11.2	2.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)9	16:43:51	1.0	Surface	1	2	25.35	7.74	21.04	83.2	6.06	11.1	3.2
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)9	16:43:43	9.7	Bottom	3	1	25.13	7.73	24.93	85	6.08	11.5	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS(Mf)9	16:43:00	9.7	Bottom	3	2	25.42	7.74	24.55	87.1	6.21	11.7	4.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	16:33:08	1.0	Surface	1	1	26.2	7.74	17.05	89.8	6.59	10.4	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	16:32:51	1.0	Surface	1	2	26.22	7.74	17.4	89.2	6.54	10.8	3.7
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	16:32:57	1.1	Middle	2	1	26.12	7.71	20.13	89.8	6.49	10.4	3.8
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	16:32:40	1.1	Middle	2	2	25.97	7.7	20.2	89.8	6.51	10.6	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	15:27:08	1.1	Bottom	3	1	26.78	7.79	14.96	85.9	6.25	6.8	3.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	IS10	15:26:42	1.1	Bottom	3	2	26.84	7.81	15.03	86	6.32	6.6	3.8
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR3	15:27:00	4.0	Middle	2	1	25.4	7.72	20.54	81.7	6.01	6.8	7.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR3	15:26:28	4.0	Middle	2	2	25.37	7.73	20.53	74.7	5.46	6.7	7.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR4	15:26:51	1.0	Surface	1	1	25.22	7.71	21.71	79.8	5.83	6.8	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR4	15:26:13	1.0	Surface	1	2	25.13	7.72	21.89	75.1	5.47	6.9	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR4	12:35:15	1.0	Bottom	3	1	26.69	8.12	23.7	78	5.47	14.3	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR4	12:34:49	1.0	Bottom	3	2	26.48	8.12	23.7	76	5.35	14.8	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR5	12:35:07	1.0	Surface	1	1	26.06	8.1	25.56	74.5	5.23	14.1	4.7
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR5	12:34:42	1.0	Surface	1	2	25.85	8.09	27.07	73.9	5.16	13.9	4.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR5	12:34:33	7.6	Bottom	3	1	26.07	8.09	27.01	79	5.5	16.6	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR5	12:35:01	7.6	Bottom	3	2	26.01	8.09	27.03	76.3	5.31	15.5	4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:25:07	1.0	Surface	1	1	27.62	8.21	22.27	104.8	7.29	6.4	3.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:25:38	1.0	Surface	1	2	27.67	8.21	22.25	105	7.3	6.2	3.9
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:25:28	1.0	Middle	2	1	27.67	8.21	22.24	104.9	7.29	6.2	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:24:58	1.0	Middle	2	2	27.61	8.21	22.23	104.4	7.27	6.6	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:17:50	1.0	Bottom	3	1	27.62	8.2	22.31	103	7.16	7	3.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10A	12:17:31	1.0	Bottom	3	2	27.57	8.19	22.34	101.2	7.05	7.6	3.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10B	12:17:38	1.0	Surface	1	1	27.43	8.19	22.42	101.9	7.11	7.9	3.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10B	12:17:22	1.0	Surface	1	2	27.42	8.19	22.5	98.8	6.89	8.3	3.2
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10B	11:46:41	1.0	Bottom	3	1	27.38	8.2	22.8	98.6	6.87	7.4	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	SR10B	11:47:01	1.0	Bottom	3	2	27.51	8.2	22.65	100.9	7.02	7.2	4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	11:46:34	1.0	Surface	1	1	27.27	8.18	24.07	98.1	6.8	9.8	4.7
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	11:46:47	1.0	Surface	1	2	27.3	8.19	24.07	99.2	6.87	9.3	5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	12:11:19	1.9	Middle	2	1	27.57	8.19	22.29	101.8	7.09	9.2	4.6
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	12:10:53	1.9	Middle	2	2	27.29	8.17	22.62	97.2	6.79	10	3.8
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	12:10:59	2.7	Bottom	3	1	27.23	8.16	23	97.3	6.79	11.4	4.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS2	12:10:45	2.7	Bottom	3	2	27.15	8.16	23.12	97.4	6.8	11.4	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	12:45:02	1.0	Surface	1	1	27.01	8.13	23.48	89.2	6.23	9.6	5.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	12:44:55	1.0	Surface	1	2	26.98	8.13	23.51	88.9	6.21	9.9	4.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	11:56:07	1.8	Middle	2	1	27.38	8.2	22.7	99.8	6.95	7.8	4.4
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	11:56:19	1.8	Middle	2	2	27.34	8.2	22.72	99.9	6.97	8.6	5.1
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	11:56:14	2.6	Bottom	3	1	27.39	8.19	23.55	100.2	6.95	8.7	4.5
HKLR	HY/2011/03	2015-05-15	Mid-Ebb	Sunny	CS(Mf)5	11:56:01	2.6	Bottom	3	2	27.39	8.19	23.77	99.8	6.91	8	5.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	10:01:05	1.0	Surface	1	1	26.72	8.16	24.17	91.3	6.38	5.8	7.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	09:57:40	1.0	Surface	1	2	26.74	8.14	23.83	88.5	6.2	5.7	8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	10:00:50	3.5	Middle	2	1	25.96	8.12	26.94	85.6	5.97	6.2	8.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	09:57:22	3.5	Middle	2	2	25.91	8.11	27.42	81.4	5.66	5.8	9.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	10:00:42	6.0	Bottom	3	1	25.95	8.11	28.21	82.2	5.77	6.1	9.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS5	09:57:17	6.0	Bottom	3	2	25.9	8.11	27.62	81.5	5.67	5.8	9.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)6	09:42:33	1.0	Surface	1	1	25.76	8.09	27.09	79.1	5.53	5.8	9.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)6	09:42:16	1.0	Surface	1	2	25.72	8.09	27.38	78.8	5.5	5.6	7.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)6	09:42:27	4.2	Bottom	3	1	25.69	8.08	28.84	79	5.47	5.6	8.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)6	09:42:09	4.2	Bottom	3	2	25.64	8.08	29.35	78.8	5.45	5.3	10.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS7	10:43:01	1.0	Surface	1	1	27.31	8.17	18.74	86.2	6.15	9.6	6.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS7	10:42:21	1.0	Surface	1	2	26.83	8.13	20.52	82.1	5.85	9	6.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS7	10:42:48	6.8	Bottom	3	1	26.04	8.08	26.51	78	5.45	12.5	5.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS7	10:42:10	6.8	Bottom	3	2	26	8.08	26.62	77.8	5.43	13.4	7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS8	10:42:36	1.0	Surface	1	1	26.07	8.08	27.13	81	5.63	12.4	5.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS8	10:42:02	1.0	Surface	1	2	25.91	8.08	27.25	79.4	5.53	12.2	5.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS8	15:37:30	1.1	Bottom	3	1	27.52	8.11	22.82	98	6.81	9.9	5.3
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS8	15:37:08	1.1	Bottom	3	2	27.49	8.11	22.84	99.2	6.9	9.3	5.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)9	15:37:00	1.0	Surface	1	1	27.28	8.09	23.48	97.6	6.79	10.2	4.8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)9	15:37:24	1.0	Surface	1	2	27.3	8.1	23.24	95.9	6.67	10.4	4.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)9	15:36:53	7.3	Bottom	3	1	27.35	8.09	23.42	100.1	6.95	11.3	4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS(Mf)9	15:37:17	7.3	Bottom	3	2	27.31	8.09	24.2	98.7	6.83	12.5	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	2015-05-15	Mid-Flood	Sunny	IS10	15:46:37	1.0	Surface	1	1	27.6	8.25	22.02	121.1	8.45	10.8	3.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS10	15:46:22	1.0	Surface	1	2	27.59	8.25	22.13	122.5	8.54	10.3	3.2
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS10	15:46:08	1.0	Middle	2	1	27.66	8.25	22.02	122	8.49	12.6	3.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS10	15:46:26	1.0	Middle	2	2	27.55	8.25	22.22	121.8	8.49	12.8	4.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS10	15:53:51	1.0	Bottom	3	1	28.02	8.25	21.71	113.3	7.86	12.1	3.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	IS10	15:53:38	1.0	Bottom	3	2	27.82	8.24	21.87	115.4	8.02	11.4	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR3	15:53:43	2.1	Middle	2	1	27.7	8.21	22.2	114.6	7.97	14	5.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR3	15:53:32	2.1	Middle	2	2	28.05	8.25	21.92	118.9	8.23	13.9	5.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR4	16:28:22	1.0	Surface	1	1	27.55	8.18	22.18	101.3	7.06	11.7	5.2
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR4	16:28:11	1.0	Surface	1	2	27.64	8.18	22.06	101.2	7.05	11.3	5.3
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR4	16:28:04	2.8	Bottom	3	1	27.55	8.17	22.36	101.2	7.05	11.9	5.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR4	16:28:16	2.8	Bottom	3	2	27.62	8.18	22.28	101.5	7.07	11.9	5.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR5	16:02:37	1.0	Surface	1	1	27.93	8.25	22.27	112.7	7.81	11.8	5.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR5	16:02:24	1.0	Surface	1	2	27.92	8.24	22.27	111	7.69	12	4.8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR5	16:02:28	2.2	Bottom	3	1	27.83	8.24	22.55	112.1	7.76	12.9	5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR5	16:02:14	2.2	Bottom	3	2	27.68	8.21	22.7	108.8	7.55	12.5	5.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	15:23:25	1.0	Surface	1	1	27.61	8.11	22.32	103.2	7.18	9.9	3.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	15:23:31	1.0	Surface	1	2	27.61	8.1	22.32	103.9	7.23	9.8	3.3
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	16:16:12	1.8	Middle	2	1	27.69	8.18	22.01	102.6	7.14	10.5	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	16:15:58	1.8	Middle	2	2	27.66	8.18	21.96	101.9	7.1	10.4	2.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	16:15:49	2.6	Bottom	3	1	27.6	8.17	22.13	101.9	7.1	11.1	3.2
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10A	16:16:06	2.6	Bottom	3	2	27.59	8.18	22.3	102.2	7.12	11.4	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10B	17:50:53	1.0	Surface	1	1	26.43	8.1	24.13	81.2	5.71	7.2	2.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10B	17:50:12	1.0	Surface	1	2	26.56	8.1	23.91	82.1	5.77	6.6	2.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10B	17:50:00	3.4	Bottom	3	1	26.1	8.1	25.55	79.8	5.6	7.8	4.2
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	SR10B	17:50:43	3.4	Bottom	3	2	26.02	8.1	26.32	79.5	5.55	8.1	3.8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	17:50:37	1.0	Surface	1	1	25.98	8.09	27.72	80	5.55	7.1	3.8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	17:49:52	1.0	Surface	1	2	26.03	8.09	27.7	80.2	5.56	7.4	4.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	18:01:40	2.8	Middle	2	1	26.31	8.1	24.3	80.6	5.67	6.2	3.6
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	18:01:10	2.8	Middle	2	2	26.33	8.1	24.43	80.9	5.69	6.6	4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	18:01:01	4.6	Bottom	3	1	26.1	8.09	27.12	80.4	5.59	6.9	3.9
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS2	18:01:32	4.6	Bottom	3	2	26.05	8.09	27.15	80.1	5.57	6.3	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:11:55	1.0	Surface	1	1	27.97	8.14	19.92	85.5	5.99	10	2.8
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:12:34	1.0	Surface	1	2	27.86	8.12	19.98	82.4	5.78	9.6	3.7
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:12:23	6.9	Middle	2	1	25.98	8.07	26.17	77.1	5.4	12.6	3.5
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:11:43	6.9	Middle	2	2	25.83	8.07	26.9	76.7	5.36	12	3.4
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:12:13	12.7	Bottom	3	1	25.9	8.06	26.92	81	5.65	11.7	3.1
HKLR	HY/2011/03	2015-05-15	Mid-Flood	Sunny	CS(Mf)5	17:11:37	12.7	Bottom	3	2	25.82	8.06	27.15	79.4	5.54	11.4	3.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:57	1.0	Surface	1	1	26.32	7.97	22.8	78.8	5.59	17.3	13.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:31	1.0	Surface	1	2	26.32	7.96	22.75	78.9	5.6	16.8	13.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:19	4.3	Middle	2	1	26.32	7.96	22.84	78.5	5.58	16.9	12.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:46	4.3	Middle	2	2	26.33	7.96	22.89	78.6	5.58	17.6	13.9
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:13	7.5	Bottom	3	1	26.32	7.96	22.86	78.5	5.58	17.2	13.1
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS5	11:49:39	7.5	Bottom	3	2	26.32	7.96	22.91	78.8	5.59	17.4	12.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)6	11:59:20	1.0	Surface	1	1	26.34	7.97	23.04	78.4	5.55	13.9	11.5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)6	11:59:01	1.0	Surface	1	2	26.34	7.97	23.05	78.8	5.58	14.3	11.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)6	11:58:50	2.3	Bottom	3	1	26.34	7.97	23.15	79	5.59	15	12.9
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)6	11:59:08	2.3	Bottom	3	2	26.34	7.97	23.14	78.6	5.57	15.9	13.1
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS7	12:07:29	1.0	Surface	1	1	26.54	8	21.51	81.1	5.78	12.2	4.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS7	12:07:18	1.0	Surface	1	2	26.56	8.01	21.45	81.7	5.82	13.4	4.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS7	12:07:07	2.4	Bottom	3	1	26.45	7.99	23.08	80	5.66	14	4.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS7	12:07:23	2.4	Bottom	3	2	26.53	7.99	22.56	82	5.81	13.1	5.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS8	12:35:28	1.0	Surface	1	1	26.48	7.99	21.88	80.7	5.74	10.2	4.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS8	12:35:41	1.0	Surface	1	2	26.52	7.99	21.85	81.7	5.81	9.5	5.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS8	12:35:33	2.6	Bottom	3	1	26.49	7.99	22.99	81.5	5.75	10.4	5.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS8	12:35:23	2.6	Bottom	3	2	26.46	7.98	23.15	81.3	5.74	11.1	5.9
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)9	12:13:18	1.0	Surface	1	1	26.44	7.94	21.6	79.3	5.65	12.7	4.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)9	12:13:32	1.0	Surface	1	2	26.5	7.96	21.16	79.2	5.66	12.1	5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)9	12:13:26	2.7	Bottom	3	1	26.46	7.94	22.81	79.2	5.61	14	4.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS(Mf)9	12:13:11	2.7	Bottom	3	2	26.46	7.92	22.8	80.4	5.69	13.8	4.2
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:59:47	1.0	Surface	1	1	25.14	7.61	19.76	72.7	5.36	8.5	6.2
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:59:18	1.0	Surface	1	2	25.04	7.61	20.36	72.4	5.32	8.5	5.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:59:37	5.3	Middle	2	1	24.92	7.63	21.43	71.3	5.23	8.8	6.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:59:07	5.3	Middle	2	2	24.93	7.63	21.22	71.5	5.24	8.7	7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:58:58	9.5	Bottom	3	1	24.88	7.6	22.98	72.7	5.28	8.7	7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	IS10	12:59:28	9.5	Bottom	3	2	24.93	7.6	23.69	72.8	5.27	8.7	6.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR3	11:34:29	0.8	Middle	2	1	26.32	7.95	22.41	78.6	5.59	16.7	15.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR3	11:34:50	0.8	Middle	2	2	26.32	7.95	22.53	79	5.61	15.3	13.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR4	12:25:58	1.0	Surface	1	1	26.51	7.98	21.92	80.1	5.69	11.5	4.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR4	12:26:15	1.0	Surface	1	2	26.52	7.98	21.89	81.9	5.82	11.1	4.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR4	12:26:06	2.5	Bottom	3	1	26.5	7.97	22.99	81.8	5.79	13	5.1
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR4	12:25:50	2.5	Bottom	3	2	26.41	7.96	23.22	79.1	5.59	13.1	5.2
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR5	12:47:28	1.0	Surface	1	1	25.15	7.61	19.16	74.7	5.52	7.3	6.6
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR5	12:47:08	1.0	Surface	1	2	25.25	7.6	19.14	75.1	5.54	7.1	7.5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR5	12:46:59	3.8	Bottom	3	1	25.19	7.59	20.4	75.4	5.53	7.7	7.5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR5	12:47:19	3.8	Bottom	3	2	25.09	7.59	20.51	74.8	5.49	7.4	7.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:32:16	1.0	Surface	1	1	26.39	8	22.39	79.9	5.68	8.7	5.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:31:02	1.0	Surface	1	2	26.38	7.99	21.85	79.5	5.67	8.4	5.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:32:04	3.3	Middle	2	1	26.27	8	23.44	79.6	5.63	8.9	5.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:30:54	3.3	Middle	2	2	26.2	7.99	24.01	79	5.58	8.5	4.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:30:46	5.5	Bottom	3	1	26.22	7.98	24.11	79.7	5.62	8.5	5.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10A	13:31:50	5.5	Bottom	3	2	26.33	7.99	23.9	80.4	5.67	8.9	6.5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10B	13:43:57	1.0	Surface	1	1	26.48	8	22.08	83.7	5.94	8	5.1
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10B	13:42:21	1.0	Surface	1	2	26.43	8	22.25	86.5	6.15	8.3	5.3
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10B	13:42:16	4.0	Bottom	3	1	26.45	8	22.28	81.2	5.76	8.3	5.6
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	SR10B	13:43:46	4.0	Bottom	3	2	26.45	8	22.16	81.1	5.76	8.2	7.2
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:31:56	1.0	Surface	1	1	25.36	7.64	18.49	75.3	5.57	6.1	8.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:31:25	1.0	Surface	1	2	25.38	7.64	18.57	76.9	5.68	6.4	8.8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:31:13	4.1	Middle	2	1	25.01	7.68	20.2	76	5.6	6.6	7.4
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:31:46	4.1	Middle	2	2	25.07	7.65	20.1	74.5	5.49	6.3	7.9
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:30:58	7.1	Bottom	3	1	24.92	7.69	21.4	80.4	5.89	6.6	7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS2	11:31:34	7.1	Bottom	3	2	25.09	7.63	21.16	76.1	5.57	6.5	7.5
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:08:04	1.0	Surface	1	1	26.44	8.02	21.76	77.3	5.5	9.6	6.7
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:08:53	1.0	Surface	1	2	26.29	8.02	22.27	75.8	5.4	9.2	8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:07:48	6.7	Middle	2	1	26.05	8.03	24.43	73.7	5.21	12.5	8
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:08:41	6.7	Middle	2	2	26.09	8.02	24.56	74.4	5.25	12.2	8.2
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:07:42	12.4	Bottom	3	1	25.89	8.03	25.81	73.7	5.18	14.5	7.1
HKLR	HY/2011/03	2015-05-18	Mid-Ebb	Sunny	CS(Mf)5	13:08:33	12.4	Bottom	3	2	26.01	8.01	25.43	74.9	5.26	13.7	7.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:28:19	1.0	Surface	1	1	26.38	7.96	23.14	73.6	5.21	18.7	15.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:28:55	1.0	Surface	1	2	26.39	7.97	23.15	73.7	5.22	17.6	15.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:28:10	4.0	Middle	2	1	26.38	7.95	23.15	73.4	5.19	19	15.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:28:46	4.0	Middle	2	2	26.38	7.97	23.15	73.5	5.2	17.7	14.4
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:28:39	7.0	Bottom	3	1	26.38	7.96	23.15	73.5	5.2	17.7	16.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS5	07:27:59	7.0	Bottom	3	2	26.38	7.95	23.15	73.5	5.2	18.7	17.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)6	07:15:38	1.0	Surface	1	1	26.41	7.96	21.73	85.4	6.08	8.7	6.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)6	07:15:23	1.0	Surface	1	2	26.41	7.95	21.7	85.6	6.11	8.7	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	2015-05-18	Mid-Flood	Cloudy	IS(Mf)6	07:15:17	2.2	Bottom	3	1	26.41	7.95	21.72	85.6	6.09	8.8	5.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)6	07:15:30	2.2	Bottom	3	2	26.41	7.96	21.74	85.6	6.09	8.8	4.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS7	07:06:54	1.0	Surface	1	1	26.38	7.9	20.95	86.8	6.22	8.6	5.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS7	07:07:08	1.0	Surface	1	2	26.38	7.92	20.91	86.8	6.22	8.7	5.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS7	07:07:01	2.2	Bottom	3	1	26.38	7.91	20.96	86.7	6.2	8.6	5.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS7	07:06:47	2.2	Bottom	3	2	26.38	7.89	20.95	87	6.24	8.3	6.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS8	06:36:52	1.0	Surface	1	1	26.4	7.91	20.66	82.1	5.89	9.7	6.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS8	06:37:07	1.0	Surface	1	2	26.4	7.92	20.84	82.3	5.9	9.7	6.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS8	06:37:00	2.6	Bottom	3	1	26.4	7.91	21.17	82.4	5.9	9.9	7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS8	06:36:45	2.6	Bottom	3	2	26.39	7.89	21.55	82.3	5.87	10	7.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)9	06:59:51	1.0	Surface	1	1	26.4	7.91	21.03	85.7	6.14	8.9	6.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)9	07:00:12	1.0	Surface	1	2	26.39	7.93	21.11	85.4	6.11	8.9	8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)9	07:00:02	2.3	Bottom	3	1	26.39	7.92	21.09	85.5	6.12	8.9	8.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS(Mf)9	06:59:45	2.3	Bottom	3	2	26.4	7.9	21.06	85.9	6.15	8.9	8.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:36:08	1.0	Surface	1	1	24.98	7.61	20.93	72.4	5.31	11.4	6.3
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:35:31	1.0	Surface	1	2	24.94	7.62	21.29	72.4	5.31	11.5	6.8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:35:58	5.4	Middle	2	1	24.79	7.63	23.89	71.2	5.16	11.2	7.1
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:35:19	5.4	Middle	2	2	24.79	7.63	24.04	71.9	5.2	11.4	8.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:35:46	9.7	Bottom	3	1	24.71	7.63	25.25	71.8	5.17	11.2	6.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	IS10	06:35:08	9.7	Bottom	3	2	24.82	7.61	25.19	73.5	5.28	11.6	7.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR3	07:41:01	0.8	Middle	2	1	26.39	7.98	23.15	74	5.23	17	16.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR3	07:40:44	0.8	Middle	2	2	26.39	7.97	23.15	73.8	5.22	17.6	15.8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR4	06:49:15	1.0	Surface	1	1	26.42	7.95	20.73	82.9	5.95	9.3	6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR4	06:49:02	1.0	Surface	1	2	26.41	7.95	20.82	82.7	5.92	9.5	6.3
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR4	06:48:56	2.5	Bottom	3	1	26.4	7.94	21.35	82.7	5.92	9.6	6.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR4	06:49:10	2.5	Bottom	3	2	26.41	7.95	20.88	82.9	5.94	9.3	6.6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR5	06:42:47	1.0	Surface	1	1	24.99	7.61	21.3	73.1	5.35	14.2	8.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR5	06:42:25	1.0	Surface	1	2	24.94	7.61	21.59	72.6	5.31	14.3	7.8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR5	06:42:17	4.1	Bottom	3	1	24.93	7.6	23.8	72.9	5.27	14.5	9.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR5	06:42:33	4.1	Bottom	3	2	24.86	7.61	24.12	72.5	5.24	14.1	9.8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:28:44	1.0	Surface	1	1	25.68	8.07	26.87	76.2	5.35	8.9	4
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:28:17	1.0	Surface	1	2	25.77	8.06	26.79	76.7	5.37	8.6	4.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:28:02	3.2	Middle	2	1	25.54	8.07	28.08	75.8	5.29	8.9	4.7
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:28:36	3.2	Middle	2	2	25.47	8.07	28.83	75.7	5.27	9.7	5.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:27:55	5.4	Bottom	3	1	25.51	8.06	29.29	75.9	5.27	9	5.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10A	05:28:29	5.4	Bottom	3	2	25.46	8.06	29.26	75.9	5.27	10	4.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10B	05:15:41	1.0	Surface	1	1	25.76	8.05	26.78	77.2	5.41	8.3	3.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10B	05:15:22	1.0	Surface	1	2	25.79	8.03	26.77	77.3	5.42	8.1	4.2
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10B	05:15:30	4.0	Bottom	3	1	25.72	8.04	27.91	77.1	5.37	8.5	4.3
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	SR10B	05:15:03	4.0	Bottom	3	2	25.69	8.01	27.72	77.2	5.38	8.7	4.6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	08:00:33	1.0	Surface	1	1	24.98	7.62	21.36	73.9	5.41	7.5	5.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	07:59:49	1.0	Surface	1	2	24.94	7.63	21.39	73.4	5.37	7.5	5.8
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	08:00:20	4.0	Middle	2	1	24.65	7.66	24.42	72.2	5.22	7.4	7.4
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	07:59:40	4.0	Middle	2	2	24.55	7.68	23.64	71.9	5.23	7.7	6.6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	08:00:07	6.9	Bottom	3	1	24.21	7.68	28.89	72.1	5.12	7.8	7.4
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS2	07:59:31	6.9	Bottom	3	2	24.17	7.69	28.86	71.6	5.1	7.7	6.5
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:02:38	1.0	Surface	1	1	25.75	8.05	25.62	76.1	5.37	11.9	5.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:01:58	1.0	Surface	1	2	25.69	8.03	26.28	75.9	5.34	11.7	5.6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:02:24	6.7	Middle	2	1	25.39	8.04	30.06	74.5	5.16	15.9	5.6
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:01:46	6.7	Middle	2	2	25.38	8.02	30.06	74.6	5.16	15.5	5.9
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:01:32	12.4	Bottom	3	1	25.42	8.01	30	76	5.26	12.8	5.4
HKLR	HY/2011/03	2015-05-18	Mid-Flood	Cloudy	CS(Mf)5	06:02:14	12.4	Bottom	3	2	25.4	8.03	30.06	75.4	5.21	13.1	6.6
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:23:59	1.0	Surface	1	1	26.53	8	20.63	79.6	5.7	14.6	11.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:24:28	1.0	Surface	1	2	26.51	8	20.8	79.2	5.65	14.6	11.6
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:23:47	4.5	Middle	2	1	26.5	8	21.06	78.2	5.57	14.6	11.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:24:20	4.5	Middle	2	2	26.51	7.99	21.22	78.5	5.62	14.9	11.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:24:12	8.0	Bottom	3	1	26.51	7.99	21.29	78.2	5.58	14.9	10.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS5	13:23:39	8.0	Bottom	3	2	26.51	7.99	21.33	77.8	5.56	14.9	11.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)6	13:30:08	1.0	Surface	1	1	26.65	8	21.25	81	5.76	15.1	9.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)6	13:30:17	1.0	Surface	1	2	26.65	8	21.27	80.2	5.71	15	11.1
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)6	13:30:03	2.5	Bottom	3	1	26.64	8	21.27	80.5	5.73	15.1	11
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)6	13:30:12	2.5	Bottom	3	2	26.64	8	21.25	80	5.69	15	11.1
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS7	13:36:22	1.0	Surface	1	1	26.73	8.02	19.33	84.3	6.02	7.8	3.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS7	13:36:10	1.0	Surface	1	2	26.74	8.02	19.33	84.1	6.04	8	4.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS7	13:35:59	2.3	Bottom	3	1	26.72	8.01	20.57	83.6	5.96	8.3	4.1
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS7	13:36:15	2.3	Bottom	3	2	26.73	8.01	20.76	83.8	6.01	7.9	4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS8	13:59:33	1.0	Surface	1	1	26.7	8	19.19	82.3	5.92	8.1	4.3
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS8	13:59:24	1.0	Surface	1	2	26.7	7.99	19.24	82	5.9	8.1	3.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS8	13:59:21	2.5	Bottom	3	1	26.71	8	19.34	82	5.9	8.1	5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS8	13:59:29	2.5	Bottom	3	2	26.73	8	20.01	82.3	5.89	8.2	5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)9	13:46:44	1.0	Surface	1	1	26.73	8.02	19.1	84.3	6.06	7.3	5.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)9	13:46:36	1.0	Surface	1	2	26.72	8.03	19.1	84.4	6.06	7.4	4.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)9	13:46:30	2.3	Bottom	3	1	26.73	8.03	19.2	83.9	6.04	7.5	5.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS(Mf)9	13:46:40	2.3	Bottom	3	2	26.75	8.03	19.1	84	6.04	7.3	4.3
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:13:16	1.0	Surface	1	1	25.35	7.65	17.76	82.2	6.1	8.6	6.3
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:13:58	1.0	Surface	1	2	25.27	7.65	17.8	80.2	5.96	8.6	7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:13:02	5.3	Middle	2	1	25.03	7.66	19.07	77.5	5.74	8.9	7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:13:50	5.3	Middle	2	2	25.06	7.65	19.08	77	5.7	8.8	7.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:13:37	9.5	Bottom	3	1	24.69	7.62	23.45	76.2	5.54	8.8	7.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	IS10	14:12:51	9.5	Bottom	3	2	24.84	7.61	23.41	79.6	5.77	8.8	6.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR3	13:15:37	0.7	Middle	2	1	26.53	8.06	20.28	82.6	5.92	14.6	11.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR3	13:15:34	0.7	Middle	2	2	26.53	8.07	20.27	82.7	5.93	14.6	12
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR4	13:53:22	1.0	Surface	1	1	26.67	7.99	19.46	81.8	5.85	8.6	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR4	13:53:13	1.0	Surface	1	2	26.68	8	19.46	82.2	5.87	8.6	3.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR4	13:53:18	2.5	Bottom	3	1	26.71	8	20.78	81.4	5.83	8.8	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR4	13:53:08	2.5	Bottom	3	2	26.74	8	20.98	81.7	5.85	8.7	4.8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR5	14:03:00	1.0	Surface	1	1	25.37	7.66	17.8	85.9	6.37	5.9	6.8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR5	14:02:38	1.0	Surface	1	2	25.32	7.67	17.77	85.9	6.38	6	6.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR5	14:02:31	4.0	Bottom	3	1	25.28	7.66	18.66	86.6	6.4	6	8.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR5	14:02:49	4.0	Bottom	3	2	25.27	7.67	18.36	86.1	6.38	5.7	7.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:41	1.0	Surface	1	1	26.4	8.02	19.53	76.7	5.5	14	10.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:25	1.0	Surface	1	2	26.34	8.01	19.52	76.9	5.5	14.2	11.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:20	3.3	Middle	2	1	26.31	8	20.98	76.1	5.49	14.2	10.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:35	3.3	Middle	2	2	26.29	8	20.99	76.2	5.46	14.3	11.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:17	5.5	Bottom	3	1	26.37	8	21.11	76	5.46	14.5	11.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10A	15:08:31	5.5	Bottom	3	2	26.43	8	22.09	75.8	5.44	14.6	11.8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10B	15:15:47	1.0	Surface	1	1	26.52	8.01	19.43	78.8	5.68	14.4	7.6
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10B	15:16:09	1.0	Surface	1	2	26.58	8.01	19.32	80.8	5.82	14.6	8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10B	15:15:34	4.0	Bottom	3	1	26.44	8	20.48	78	5.6	14.5	9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	SR10B	15:15:52	4.0	Bottom	3	2	26.51	8	20.85	79.2	5.66	14.6	9.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:51:51	1.0	Surface	1	1	25.38	7.7	17.9	85.6	6.35	6.4	7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:51:20	1.0	Surface	1	2	25.38	7.72	17.95	85.8	6.36	6.4	7.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:51:40	4.0	Middle	2	1	25.26	7.72	18.4	84.9	6.29	6.6	8.8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:51:10	4.0	Middle	2	2	25.27	7.74	18.37	85.2	6.31	6.5	7.4
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:50:56	7.0	Bottom	3	1	25.21	7.75	18.83	86.3	6.38	6.5	9.5
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS2	12:51:31	7.0	Bottom	3	2	25.23	7.72	18.74	85.7	6.34	6.7	8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:41:11	1.0	Surface	1	1	26.56	8.02	19.41	79.7	5.74	14.2	9.9
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:39:10	1.0	Surface	1	2	26.57	8.03	19.17	79.4	5.72	14	10.8
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:40:05	4.9	Middle	2	1	26.12	8.03	21.81	71.2	5.06	14.2	10.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:38:43	4.9	Middle	2	2	26.1	8.02	23.6	73.8	5.16	14.4	10.7
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:39:52	8.8	Bottom	3	1	25.67	8.02	26.39	71	5.02	14.7	11.2
HKLR	HY/2011/03	2015-05-20	Mid-Ebb	Rainy	CS(Mf)5	14:38:31	8.8	Bottom	3	2	25.76	7.99	27.1	71	5.03	14.4	10.1
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:03:33	1.0	Surface	1	1	26.54	7.95	20.87	77.4	5.52	8.4	5.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:03:06	1.0	Surface	1	2	26.53	7.95	20.88	77.5	5.52	8.4	5.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:03:25	4.6	Middle	2	1	26.49	7.95	21.27	77.3	5.52	8.5	7.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:02:59	4.6	Middle	2	2	26.49	7.95	21.26	77.1	5.51	8.8	7.8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:02:51	8.2	Bottom	3	1	26.48	7.94	21.55	76.2	5.44	8.9	7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS5	08:03:17	8.2	Bottom	3	2	26.5	7.94	21.47	76.2	5.44	8.8	6.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)6	07:56:02	1.0	Surface	1	1	26.6	7.97	20.46	82.1	5.87	8.5	4.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)6	07:56:12	1.0	Surface	1	2	26.6	7.96	20.56	81.4	5.82	8.6	5.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)6	07:56:06	2.3	Bottom	3	1	26.6	7.96	20.55	80.7	5.77	8.6	6.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)6	07:55:55	2.3	Bottom	3	2	26.61	7.97	20.46	81.6	5.84	8.5	6.8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS7	07:49:33	1.0	Surface	1	1	26.56	7.96	19.54	81.7	5.88	9.6	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS7	07:49:25	1.0	Surface	1	2	26.56	7.96	19.6	81.9	5.89	9.4	4.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS7	07:49:28	2.5	Bottom	3	1	26.55	7.96	19.49	81.7	5.88	9.7	6.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS7	07:49:20	2.5	Bottom	3	2	26.55	7.96	19.54	81.6	5.87	9.5	6.8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS8	07:28:38	1.0	Surface	1	1	26.55	7.91	18.11	77.7	5.63	13.1	8.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS8	07:28:27	1.0	Surface	1	2	26.55	7.91	18.2	78.3	5.68	13.1	8.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS8	07:28:22	2.5	Bottom	3	1	26.56	7.91	18.14	77.9	5.65	13.3	8.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS8	07:28:31	2.5	Bottom	3	2	26.55	7.91	18.2	77.3	5.61	13.2	8.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)9	07:43:14	1.0	Surface	1	1	26.54	7.94	18	81.1	5.86	10	6.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)9	07:43:28	1.0	Surface	1	2	26.55	7.94	17.98	80.1	5.77	10.1	5.6
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)9	07:43:09	2.6	Bottom	3	1	26.57	7.94	18.89	80.4	5.84	10	6.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS(Mf)9	07:43:19	2.6	Bottom	3	2	26.54	7.93	19.23	79.5	5.77	10.1	6.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:34:01	1.0	Surface	1	1	25.1	7.6	18.68	75.4	5.59	6.4	6.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:33:27	1.0	Surface	1	2	25.03	7.61	19.11	74.6	5.53	6.3	5.9
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:33:49	5.4	Middle	2	1	24.89	7.6	21.66	74.3	5.44	6.4	6.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:33:19	5.4	Middle	2	2	24.89	7.6	21.72	74.5	5.45	6.3	6.7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:33:10	9.7	Bottom	3	1	24.92	7.59	21.93	75.6	5.52	6.4	7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	IS10	07:33:42	9.7	Bottom	3	2	24.91	7.59	21.9	75.2	5.49	6.5	8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR3	08:10:22	0.7	Middle	2	1	26.58	7.95	20.64	80.9	5.78	8.7	5.9
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR3	08:10:19	0.7	Middle	2	2	26.58	7.95	20.62	80.9	5.78	8.6	7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR4	07:35:41	1.0	Surface	1	1	26.53	7.91	18.51	76.4	5.53	13.1	7.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR4	07:36:13	1.0	Surface	1	2	26.56	7.87	18.09	79.7	5.78	13	7.9
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR4	07:35:45	2.4	Bottom	3	1	26.53	7.91	18.5	76.3	5.53	13.3	7.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR4	07:35:37	2.4	Bottom	3	2	26.54	7.91	18.44	76.3	5.53	13.3	6.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR5	07:42:07	1.0	Surface	1	1	25.06	7.59	18.85	76.1	5.64	7.7	5.1
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR5	07:42:25	1.0	Surface	1	2	25.1	7.58	18.49	76.1	5.65	7.7	6.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR5	07:42:01	4.0	Bottom	3	1	25.02	7.57	20.64	76.7	5.63	7.7	6.2
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR5	07:42:17	4.0	Bottom	3	2	25.05	7.56	20.41	76.7	5.64	7.7	6.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:40	1.0	Surface	1	1	26.45	7.92	18.15	75	5.43	7	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:18	1.0	Surface	1	2	26.47	7.92	18.1	74.7	5.43	7	4.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:09	3.1	Middle	2	1	26.24	7.92	20.24	74.7	5.3	7	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:32	3.1	Middle	2	2	26.2	7.91	20.59	74.7	5.32	7	4.1
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:27	5.1	Bottom	3	1	26.33	7.89	23.67	74	5.3	7.2	3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10A	06:32:02	5.1	Bottom	3	2	26.43	7.89	23.43	73.5	5.27	7	4.4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10B	06:27:33	1.0	Surface	1	1	26.46	7.91	18	75.9	5.52	7.2	4.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10B	06:27:15	1.0	Surface	1	2	26.52	7.91	17.97	76.3	5.54	7.2	5.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10B	06:27:01	4.1	Bottom	3	1	26.33	7.91	20.58	74.9	5.38	7.4	4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	SR10B	06:27:24	4.1	Bottom	3	2	26.44	7.89	20.3	76.2	5.47	7.2	5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:00:33	1.0	Surface	1	1	25.24	7.58	17.15	77.5	5.79	7.5	6.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:01:01	1.0	Surface	1	2	25.19	7.58	17.23	76.9	5.74	7.3	6.8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:00:22	3.9	Middle	2	1	25.01	7.58	20.34	76.1	5.6	7.7	7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:00:53	3.9	Middle	2	2	25.03	7.57	20.24	76.7	5.73	7.7	6.7
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:00:14	6.7	Bottom	3	1	25.01	7.57	20.68	78	5.73	7.7	5.8
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS2	09:00:44	6.7	Bottom	3	2	25.08	7.55	20.63	76.5	5.63	7.6	6.1
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:57:11	1.0	Surface	1	1	26.35	7.96	18.2	70.6	5.14	7	3.9
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:56:37	1.0	Surface	1	2	26.51	7.94	18.1	74.4	5.4	7.1	4.1
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:56:20	5.5	Middle	2	1	25.55	7.93	26.68	72.7	5.04	7.2	4.3
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:57:00	5.5	Middle	2	2	25.45	7.95	26.27	70.4	5.02	7.1	4.5
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:56:14	10	Bottom	3	1	25.97	7.9	28.06	71.1	5	7.5	4
HKLR	HY/2011/03	2015-05-20	Mid-Flood	Rainy	CS(Mf)5	06:56:53	10	Bottom	3	2	25.59	7.92	28.26	70.2	5.01	7.2	3.8
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:41:06	1.0	Surface	1	1	26	8.03	20.96	76.2	5.49	10.3	7.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:41:36	1.0	Surface	1	2	26	8.03	20.71	75.5	5.45	10.2	7.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:41:27	4.3	Middle	2	1	25.9	8.02	21.74	73.4	5.28	10.4	6.4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:40:58	4.3	Middle	2	2	25.9	8.02	21.68	74.9	5.39	10.5	7.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:41:18	7.5	Bottom	3	1	25.88	8.01	23.61	75.7	5.39	10.4	7.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS5	14:40:51	7.5	Bottom	3	2	25.96	8.02	23.18	77.7	5.53	10.7	7.5
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)6	14:47:53	1.0	Surface	1	1	25.95	8.05	20.22	85.2	6.18	10.6	6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)6	14:47:41	1.0	Surface	1	2	25.94	8.05	20.18	85.5	6.2	10.3	7.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)6	14:47:32	2.2	Bottom	3	1	25.95	8.05	20.4	86.6	6.27	10.5	7.3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)6	14:47:46	2.2	Bottom	3	2	25.94	8.05	20.33	85.6	6.2	10.6	6.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS7	14:55:32	1.0	Surface	1	1	25.87	8.12	18	99.4	7.3	7.9	3.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS7	14:55:45	1.0	Surface	1	2	25.88	8.12	18.03	98.5	7.23	7.8	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS7	14:55:24	2.3	Bottom	3	1	25.87	8.12	18.04	99.4	7.3	7.9	2.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS7	14:55:38	2.3	Bottom	3	2	25.88	8.12	18.09	99.4	7.3	7.8	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS8	15:18:06	1.0	Surface	1	1	26.05	8.04	18.88	86.7	6.32	8.7	3.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS8	15:18:27	1.0	Surface	1	2	26.05	8.04	18.89	86.7	6.31	8.5	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS8	15:18:16	3.1	Bottom	3	1	26.03	8.03	19.22	86.6	6.3	8.7	4.3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS8	15:17:56	3.1	Bottom	3	2	26.04	8.04	19.12	86.1	6.27	8.8	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)9	15:03:31	1.0	Surface	1	1	26	8.04	18.88	86.6	6.32	8.5	5.8
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)9	15:03:14	1.0	Surface	1	2	25.99	8.04	18.64	86	6.28	8.4	5.2
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)9	15:03:07	2.7	Bottom	3	1	25.99	8.04	19.45	86.1	6.26	8.4	5.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS(Mf)9	15:03:21	2.7	Bottom	3	2	25.99	8.04	19.23	86.6	6.3	8.4	5
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:41:30	1.0	Surface	1	1	24.82	7.85	18.62	86.9	6.48	2.4	3.2
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:40:48	1.0	Surface	1	2	24.83	7.85	18.6	88.3	6.59	2.4	2.4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:41:12	5.1	Middle	2	1	24.68	7.84	18.86	80.4	6	2.5	3.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:40:26	5.1	Middle	2	2	24.73	7.84	18.78	83.3	6.22	2.3	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:41:05	9.2	Bottom	3	1	24.57	7.81	21.88	82.5	6.07	5.3	4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	IS10	15:40:18	9.2	Bottom	3	2	24.59	7.8	21.57	86	6.33	5.5	3.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR3	14:30:56	0.8	Middle	2	1	26.05	8.06	20.43	82.3	5.95	11.4	6.8
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR3	14:31:02	0.8	Middle	2	2	26.05	8.06	20.47	82.2	5.93	11.2	5.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR4	15:10:03	1.0	Surface	1	1	26.04	8.04	18.93	87.1	6.35	7.6	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR4	15:09:50	1.0	Surface	1	2	26.04	8.04	18.92	87.3	6.36	7.5	3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR4	15:09:56	2.8	Bottom	3	1	26.04	8.04	19.07	87.2	6.35	7.6	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR4	15:09:42	2.8	Bottom	3	2	26.03	8.04	19.11	87.5	6.37	7.6	4.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR5	15:32:17	1.0	Surface	1	1	24.82	7.84	18.61	88.2	6.58	2.5	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR5	15:32:35	1.0	Surface	1	2	24.82	7.84	18.6	88.3	6.58	2.5	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR5	15:32:05	4.2	Bottom	3	1	24.81	7.83	18.7	88.1	6.57	2.5	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR5	15:32:25	4.2	Bottom	3	2	24.81	7.84	18.71	88.1	6.57	2.4	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:22:12	1.0	Surface	1	1	25.85	8.05	21.18	79.1	5.71	5.6	1.5
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:22:35	1.0	Surface	1	2	25.83	8.05	21.18	79	5.7	5.5	1.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:22:03	3.3	Middle	2	1	25.65	8.03	23.02	77.2	5.54	5.5	2.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:22:26	3.3	Middle	2	2	25.63	8.02	23.71	77.8	5.56	5.5	2.6
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:21:55	5.5	Bottom	3	1	25.72	8.02	24.04	79.1	5.63	5.6	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10A	16:22:20	5.5	Bottom	3	2	25.75	8.02	23.96	80.1	5.7	5.6	3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10B	16:32:23	1.0	Surface	1	1	25.88	8.04	21.25	82.3	5.93	5.4	2.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10B	16:32:45	1.0	Surface	1	2	25.89	8.04	21.28	82.4	5.94	5.5	2.3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10B	16:32:12	4.2	Bottom	3	1	25.86	8.03	21.9	82	5.89	5.5	3.8
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	SR10B	16:32:33	4.2	Bottom	3	2	25.83	8.03	22.22	82.1	5.9	5.5	4.2
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:18:19	1.0	Surface	1	1	24.84	7.78	18	83.7	6.26	3.6	3.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:17:28	1.0	Surface	1	2	24.82	7.76	18.03	82.8	6.2	3.8	3.3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:18:00	3.9	Middle	2	1	24.73	7.79	19.02	77.7	5.79	6.8	4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:17:14	3.9	Middle	2	2	24.76	7.76	18.88	78.5	5.85	6.9	4.8
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:17:49	6.8	Bottom	3	1	24.54	7.76	21.88	76.6	5.63	8	4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS2	14:16:59	6.8	Bottom	3	2	24.48	7.74	22.39	76.3	5.6	7.9	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:52:43	1.0	Surface	1	1	25.99	8.05	20.26	75	5.43	8.2	2.9
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:53:30	1.0	Surface	1	2	26	8.05	20.23	75.9	5.5	8.5	3.3
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:52:28	6.1	Middle	2	1	25.36	8.02	25.76	71.9	5.08	10.3	3.4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:53:14	6.1	Middle	2	2	25.34	8.02	26.03	71.2	5.03	10.6	4
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:52:58	11.1	Bottom	3	1	25.24	7.99	29.61	71.8	4.99	10.5	3.7
HKLR	HY/2011/03	2015-05-22	Mid-Ebb	Rainy	CS(Mf)5	15:52:13	11.1	Bottom	3	2	25.01	8	29.78	69.1	4.82	10.8	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:46	1.0	Surface	1	1	25.8	8.03	18.94	80.7	5.9	11.8	7.2
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:18	1.0	Surface	1	2	25.81	8.03	18.92	79.9	5.78	11.2	7.8
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:08	4.4	Middle	2	1	25.81	8	20.3	79.4	5.72	11.7	7.2
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:33	4.4	Middle	2	2	25.8	7.99	20.67	79.5	5.79	11.6	7.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:26	7.8	Bottom	3	1	25.81	7.99	24.29	76.1	5.51	11.5	8.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS5	09:43:00	7.8	Bottom	3	2	25.8	7.98	24.37	74.8	5.43	11.4	10.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)6	09:35:06	1.0	Surface	1	1	25.79	8.03	18.57	89.8	6.59	12.3	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)6	09:34:54	1.0	Surface	1	2	25.8	8.03	18.55	90	6.6	12.3	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)6	09:34:48	2.1	Bottom	3	1	25.8	8.02	18.71	90.1	6.6	12.6	4.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)6	09:35:00	2.1	Bottom	3	2	25.8	8.02	18.71	90	6.59	12.4	5.8
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS7	09:28:24	1.0	Surface	1	1	25.73	8.04	17.94	90.4	6.66	11.4	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS7	09:28:38	1.0	Surface	1	2	25.73	8.04	17.94	90.2	6.64	11.3	4.7
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS7	09:28:15	2.2	Bottom	3	1	25.78	8.02	18.54	91	6.68	11.4	5.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS7	09:28:30	2.2	Bottom	3	2	25.74	8.03	19.13	90.8	6.65	11.4	6.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS8	09:02:34	1.0	Surface	1	1	26.01	7.98	18.57	81.3	5.94	8.8	2.6
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS8	09:02:18	1.0	Surface	1	2	26	7.98	18.6	81.4	5.95	8.7	3.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS8	09:02:10	3.1	Bottom	3	1	26	7.97	18.98	81.5	5.94	8.8	3.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS8	09:02:24	3.1	Bottom	3	2	26.01	7.97	18.84	81.2	5.93	8.7	3.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)9	09:21:05	1.0	Surface	1	1	25.98	8	18.77	83.2	6.08	8.8	2.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)9	09:21:20	1.0	Surface	1	2	25.99	8	18.91	82.8	6.04	8.9	3.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)9	09:20:58	2.6	Bottom	3	1	25.98	7.99	18.9	83.3	6.07	9	3.8
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS(Mf)9	09:21:13	2.6	Bottom	3	2	25.98	7.99	19.19	83.1	6.05	8.9	3.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:33:43	1.0	Surface	1	1	24.72	7.79	17.71	79	5.93	3.7	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:33:03	1.0	Surface	1	2	24.73	7.77	17.76	79.5	5.97	3.7	4.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:33:24	5.2	Middle	2	1	24.42	7.79	22.64	75.5	5.55	4.1	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:32:45	5.2	Middle	2	2	24.41	7.78	22.68	75.4	5.54	4.3	4.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:33:17	9.4	Bottom	3	1	24.44	7.78	22.71	77.5	5.68	4.3	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	IS10	08:32:38	9.4	Bottom	3	2	24.43	7.76	22.86	77.2	5.66	4.3	4.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR3	09:51:32	0.7	Middle	2	1	25.81	8.02	18.87	88.3	6.46	11.6	9.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR3	09:51:28	0.7	Middle	2	2	25.81	8.02	18.87	88.1	6.45	11.6	8.7
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR4	09:11:42	1.0	Surface	1	1	26.01	7.94	18.47	81.5	5.96	8.8	5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR4	09:11:54	1.0	Surface	1	2	26.01	7.95	18.59	81.2	5.93	8.6	5.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR4	09:11:47	2.6	Bottom	3	1	26.01	7.94	18.76	81.5	5.95	8.6	6.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR4	09:11:34	2.6	Bottom	3	2	26.01	7.92	18.62	81.6	5.96	8.9	6.2
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR5	08:42:36	1.0	Surface	1	1	24.6	7.81	18.41	77.4	5.8	4.1	3.8
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR5	08:42:18	1.0	Surface	1	2	24.66	7.8	18.02	78.5	5.89	4	4.6
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR5	08:42:27	4.2	Bottom	3	1	24.52	7.78	22.39	79.1	5.8	4.3	4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR5	08:42:04	4.2	Bottom	3	2	24.53	7.79	21.45	79.1	5.83	4.4	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:55:38	1.0	Surface	1	1	25.66	7.99	20.8	76.8	5.57	6.2	3.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:56:04	1.0	Surface	1	2	25.58	7.99	22.97	76.8	5.48	6.2	2.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:55:31	3.2	Middle	2	1	25.42	7.97	23.83	76.2	5.55	6.5	2.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:55:54	3.2	Middle	2	2	25.49	7.98	23.61	76.5	5.45	6.3	3.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:55:48	5.3	Bottom	3	1	25.52	7.97	24.45	75.5	5.41	6.4	3.6
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10A	07:55:27	5.3	Bottom	3	2	25.56	7.95	25.1	75.6	5.48	6.5	4.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10B	07:46:30	1.0	Surface	1	1	25.65	7.95	21.01	76.9	5.57	6.6	4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10B	07:47:11	1.0	Surface	1	2	25.85	7.97	19.06	79	5.77	6.4	4.2
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10B	07:46:39	4.0	Bottom	3	1	25.66	7.93	22.46	78.1	5.62	6.6	4.7
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	SR10B	07:46:21	4.0	Bottom	3	2	25.59	7.91	25.51	77	5.45	6.6	4.4
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:53:54	1.0	Surface	1	1	24.81	7.81	16.13	81	6.12	4.4	4.8
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:54:38	1.0	Surface	1	2	24.84	7.8	16	82.9	6.27	4.6	5.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:53:43	3.8	Middle	2	1	24.56	7.85	17.33	76.1	5.75	4.8	4.7
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:54:23	3.8	Middle	2	2	24.6	7.84	17.43	78.1	5.89	4.6	4.1
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:54:12	6.6	Bottom	3	1	24.38	7.79	23.41	79.5	5.81	6	6.2
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS2	09:53:32	6.6	Bottom	3	2	24.28	7.81	23.92	75.8	5.53	6.1	4.5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:23:30	1.0	Surface	1	1	25.94	8.02	19.51	73.2	5.33	6.7	5.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:24:20	1.0	Surface	1	2	25.94	8.02	19.45	74.5	5.42	6.6	4.7
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:23:11	6.3	Middle	2	1	24.93	8.01	28.35	70.6	5.09	6.6	5
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:23:59	6.3	Middle	2	2	24.92	8.01	28.3	71	5.15	6.8	5.9
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:23:49	11.5	Bottom	3	1	24.81	7.98	30.59	70.3	5.09	6.9	7.3
HKLR	HY/2011/03	2015-05-22	Mid-Flood	Cloudy	CS(Mf)5	08:23:01	11.5	Bottom	3	2	24.77	7.98	30.61	69.9	5.02	6.6	7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:44:29	1.0	Surface	1	1	27.42	7.85	14.83	70.7	5.06	6.5	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:44:03	1.0	Surface	1	2	27.2	7.84	15.13	73.8	5.22	6.6	4.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:44:20	4.7	Middle	2	1	25.26	7.75	24.53	68.9	5.01	6.5	3.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:43:56	4.7	Middle	2	2	25.31	7.76	24.57	68.2	5.05	6.6	3.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:44:15	8.3	Bottom	3	1	25.29	7.75	26.96	68.1	4.87	6.7	3.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS5	16:43:50	8.3	Bottom	3	2	25.45	7.78	26.32	67.5	4.87	6.8	3.7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)6	16:50:48	1.0	Surface	1	1	26.89	7.83	14.05	92	6.69	6.6	2.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)6	16:50:57	1.0	Surface	1	2	26.94	7.84	14.05	91.1	6.67	6.5	2.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)6	16:50:52	2.5	Bottom	3	1	26.99	7.84	16.03	90.7	6.63	6.7	3.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)6	16:50:44	2.5	Bottom	3	2	27.01	7.84	16.16	90.9	6.69	6.8	3.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS7	16:57:10	1.0	Surface	1	1	26.51	7.82	14	87.8	6.45	8.5	3.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS7	16:57:18	1.0	Surface	1	2	26.44	7.81	14.74	87.3	6.38	8.5	3.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS7	16:57:06	2.3	Bottom	3	1	26.66	7.82	16.03	87.1	6.42	8.5	2.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS7	16:57:14	2.3	Bottom	3	2	26.56	7.82	16.58	86.1	6.36	8.6	2.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS8	17:14:54	1.0	Surface	1	1	26.74	7.85	14.03	88.7	6.54	6.9	2.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS8	17:15:02	1.0	Surface	1	2	27.52	7.88	13.34	91.1	6.67	6.7	2.8
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS8	17:14:51	2.3	Bottom	3	1	27.83	7.86	14.85	87.2	6.3	7	3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS8	17:14:58	2.3	Bottom	3	2	27.62	7.87	15.09	90.1	6.52	6.8	2.6
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)9	17:03:26	1.0	Surface	1	1	27.32	7.84	13.23	91.9	6.75	6.5	2.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)9	17:03:16	1.0	Surface	1	2	27.07	7.82	13.56	90.2	6.63	6.7	2.7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)9	17:03:20	2.5	Bottom	3	1	27.31	7.82	15.14	90.7	6.59	6.7	2.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS(Mf)9	17:03:12	2.5	Bottom	3	2	27.64	7.82	15.25	89.7	6.48	6.7	2.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS10	18:18:35	1.0	Surface	1	1	25.12	7.57	11.53	72.8	5.61	3.4	5.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS10	18:17:24	1.0	Surface	1	2	25.45	7.55	11.45	72.2	5.55	3.5	5.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS10	18:18:12	5.1	Middle	2	1	24.04	7.62	22.88	69.6	5.15	4.1	5.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS10	18:17:01	5.1	Middle	2	2	24.06	7.6	22.94	69.2	5.11	4.2	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	2015-05-25	Mid-Ebb	Sunny	IS10	18:16:41	9.2	Bottom	3	1	23.68	7.62	27.2	69.8	5.06	4.9	6.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	IS10	18:17:48	9.2	Bottom	3	2	23.71	7.65	27.13	70.7	5.11	4.8	6.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR3	16:38:00	0.7	Middle	2	1	27.73	7.94	14.09	96.3	6.99	6.7	2.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR3	16:37:57	0.7	Middle	2	2	27.71	7.94	14.15	96.3	6.99	6.7	2.7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR4	17:08:08	1.0	Surface	1	1	27.21	7.87	13.55	94.3	6.89	6.7	2.6
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR4	17:08:15	1.0	Surface	1	2	27.1	7.86	14.32	93.7	6.81	6.7	2.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR4	17:08:11	2.5	Bottom	3	1	27.43	7.87	15.06	92.9	6.81	6.7	2.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR4	17:08:03	2.5	Bottom	3	2	27.55	7.88	15.01	93.9	6.84	6.7	2.5
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR5	18:05:39	1.0	Surface	1	1	25.6	7.45	10.91	70.6	5.42	4.1	6.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR5	18:06:28	1.0	Surface	1	2	25.67	7.43	10.93	71.4	5.46	4.4	5.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR5	18:05:15	4.0	Bottom	3	1	24.36	7.5	18.87	68.5	5.1	2.7	5.7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR5	18:06:04	4.0	Bottom	3	2	24.37	7.53	18.88	67.7	5.06	2.7	5.6
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:20:22	1.0	Surface	1	1	26.32	7.76	14.27	77	5.57	6.7	3.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:20:06	1.0	Surface	1	2	26.47	7.77	14.17	77.2	5.63	6.7	3.7
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:20:00	3.3	Middle	2	1	25.94	7.73	17.16	76.2	5.6	7	3.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:20:18	3.3	Middle	2	2	25.85	7.73	17.37	75.1	5.52	6.8	3.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:20:13	5.5	Bottom	3	1	26.37	7.73	21.08	75.1	5.51	6.9	4.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10A	18:19:57	5.5	Bottom	3	2	27.15	7.73	19.98	76	5.49	7	3.8
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10B	18:32:09	1.0	Surface	1	1	27.66	7.75	13.15	80.9	5.91	6.4	3.8
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10B	18:31:49	1.0	Surface	1	2	26.97	7.75	13.37	78.8	5.81	6.4	3.8
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10B	18:31:55	3.8	Bottom	3	1	27.24	7.73	16.66	79.1	5.71	6.6	3.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	SR10B	18:31:42	3.8	Bottom	3	2	27.09	7.73	16.7	78.6	5.69	6.4	4.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:58:20	1.0	Surface	1	1	25.62	7.46	10.32	71.8	5.53	4.5	6.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:57:18	1.0	Surface	1	2	25.66	7.48	10.34	72.6	5.61	4.3	6.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:56:54	4.0	Middle	2	1	24.33	7.55	19.34	71.6	5.36	2	6.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:57:54	4.0	Middle	2	2	24.36	7.54	19.35	71.1	5.32	2.1	6.4
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:56:30	7.0	Bottom	3	1	24.1	7.59	23.36	69.2	5.1	3	6.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS2	16:57:36	7.0	Bottom	3	2	24.06	7.58	23.39	69.7	5.12	2.9	6.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:49:34	1.0	Surface	1	1	27.61	7.85	12.9	73.3	5.36	7.1	5.2
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:48:47	1.0	Surface	1	2	26.73	7.85	14.55	70.8	5.21	7	4.8
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:49:22	6.4	Middle	2	1	25.25	7.84	23.57	69.9	5	7.1	2.9
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:48:37	6.4	Middle	2	2	25.01	7.86	24.5	69.5	5	7	3.1
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:49:06	11.7	Bottom	3	1	25	7.8	30.63	69.2	4.86	7.3	3.3
HKLR	HY/2011/03	2015-05-25	Mid-Ebb	Sunny	CS(Mf)5	17:48:27	11.7	Bottom	3	2	24.76	7.85	30.9	69.4	4.84	7.4	2.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:39:07	1.0	Surface	1	1	27.04	7.99	13.02	69.2	5.04	6	2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:38:23	1.0	Surface	1	2	26.92	7.96	13.33	78.9	5.58	6	1.9
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:38:15	4.5	Middle	2	1	25.54	7.9	21.92	71	5.24	6.1	1.9
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:38:58	4.5	Middle	2	2	25.28	7.93	21.43	68.4	5.01	6	1.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:38:05	8.0	Bottom	3	1	25.4	7.86	26.29	69.5	5.02	6.3	1.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS5	11:38:53	8.0	Bottom	3	2	25.2	7.91	26.59	68.4	4.91	6.1	1.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)6	11:31:13	1.0	Surface	1	1	27.19	7.88	12.62	89	6.56	5.9	1.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)6	11:31:21	1.0	Surface	1	2	27.25	7.88	12.5	88.9	6.56	5.9	1.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)6	11:31:17	2.3	Bottom	3	1	27.4	7.88	12.48	88.9	6.54	5.9	2.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)6	11:31:09	2.3	Bottom	3	2	27.37	7.88	12.51	88.9	6.55	5.9	2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS7	11:24:10	1.0	Surface	1	1	26.73	7.84	13.32	82	6.07	6.2	3.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS7	11:24:50	1.0	Surface	1	2	26.83	7.83	13.2	83	6.15	6.1	3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS7	11:24:43	2.5	Bottom	3	1	26.66	7.84	13.37	82.8	6.12	6.1	2.6
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS7	11:24:05	2.5	Bottom	3	2	26.83	7.83	13.3	81.4	6.02	6.2	2.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS8	11:05:27	1.0	Surface	1	1	26.4	7.79	15.41	75.7	5.57	10	4.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS8	11:06:06	1.0	Surface	1	2	26.66	7.78	14.81	74	5.44	10.2	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS8	11:05:48	2.4	Bottom	3	1	26.21	7.78	16	72.9	5.37	10.3	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS8	11:05:23	2.4	Bottom	3	2	26.45	7.79	15.41	74.9	5.52	10.2	4.2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)9	11:17:31	1.0	Surface	1	1	26.49	7.84	14.6	80.8	5.97	7	2.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)9	11:18:10	1.0	Surface	1	2	26.36	7.86	14.84	81.4	6.02	7	2.9
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)9	11:18:05	2.2	Bottom	3	1	26.32	7.85	15.17	80.8	5.96	7.1	3.6
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS(Mf)9	11:17:22	2.2	Bottom	3	2	26.39	7.84	14.96	80	5.9	7.1	4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:10:43	1.0	Surface	1	1	24.87	7.36	12.43	72.6	5.6	4.2	4.6
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:11:53	1.0	Surface	1	2	24.85	7.36	12.48	71.6	5.51	3.9	5
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:10:18	5.2	Middle	2	1	24.11	7.55	21.73	71.2	5.28	5.4	4.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:11:30	5.2	Middle	2	2	24.09	7.54	21.72	70.2	5.23	5.5	5.2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:11:06	9.4	Bottom	3	1	23.7	7.57	26.48	69.4	5.03	6.6	4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	IS10	11:10:01	9.4	Bottom	3	2	23.79	7.59	26.47	69.8	5.08	6.4	4.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR3	11:49:59	0.7	Middle	2	1	27.31	7.92	12.7	87.9	6.47	6	3.5
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR3	11:50:02	0.7	Middle	2	2	27.32	7.92	12.67	88.2	6.49	6.1	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR4	11:11:40	1.0	Surface	1	1	26.64	7.79	14.73	74.1	5.44	10.2	7.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR4	11:11:29	1.0	Surface	1	2	26.5	7.78	14.8	74.9	5.48	10.2	7.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR4	11:11:32	2.4	Bottom	3	1	26.65	7.77	16.82	73.8	5.39	10.2	5.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR4	11:11:25	2.4	Bottom	3	2	26.76	7.78	16.33	74.3	5.46	10.4	6.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR5	11:20:35	1.0	Surface	1	1	24.8	7.42	12.44	71.4	5.49	3.3	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR5	11:21:18	1.0	Surface	1	2	24.74	7.43	12.47	70.9	5.47	3.3	4.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR5	11:20:56	4.2	Bottom	3	1	24.32	7.42	19.21	70.4	5.26	3.4	4.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR5	11:20:14	4.2	Bottom	3	2	24.35	7.43	19.23	69.9	5.22	3.4	3.9
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:08:04	1.0	Surface	1	1	25.79	7.84	15.35	71.2	5.29	5.9	6.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:08:30	1.0	Surface	1	2	25.76	7.85	16.51	71.3	5.27	5.9	5.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:08:24	3.3	Middle	2	1	25.54	7.85	19.42	71.2	5.21	5.9	6.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:07:56	3.3	Middle	2	2	25.47	7.83	19.72	71	5.19	5.9	6.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:07:51	5.5	Bottom	3	1	25.56	7.79	23.27	70.5	5.05	5.9	5.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10A	10:08:17	5.5	Bottom	3	2	25.48	7.82	23.46	70.6	5.06	5.9	5.7
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10B	10:02:23	1.0	Surface	1	1	25.92	7.75	16.36	71.1	5.25	6.2	5.6
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10B	10:02:40	1.0	Surface	1	2	25.91	7.76	16.35	70.8	5.22	6.3	5.5
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10B	10:02:15	4.0	Bottom	3	1	25.86	7.72	19.1	71.1	5.18	6.4	5.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	SR10B	10:02:30	4.0	Bottom	3	2	25.85	7.73	19.23	70.7	5.16	6.5	5.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:26:15	1.0	Surface	1	1	25.68	7.31	10.57	71.3	5.48	4.3	5.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:27:27	1.0	Surface	1	2	25.66	7.34	10.54	71.5	5.49	4.1	4.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:25:56	4.1	Middle	2	1	24.29	7.48	19.89	69	5.16	3.1	4.8
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:27:01	4.1	Middle	2	2	24.27	7.5	19.81	68.8	5.15	3	5.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:25:32	7.2	Bottom	3	1	23.74	7.58	26.49	69.7	5.06	3.7	5.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS2	12:26:38	7.2	Bottom	3	2	23.78	7.57	26.43	69.3	5.04	3.8	5.1
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:34:31	1.0	Surface	1	1	25.82	7.93	16.53	71.3	5.27	6	5.4
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:35:14	1.0	Surface	1	2	25.9	7.9	16.31	70.9	5.24	6	5.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:34:59	6.3	Middle	2	1	24.84	7.95	27.29	70.4	5	6	5.2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:34:18	6.3	Middle	2	2	24.85	7.94	27.8	70.4	5	6.1	5.3
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:34:51	11.6	Bottom	3	1	24.79	7.91	30.43	69.7	4.88	6.2	5.2
HKLR	HY/2011/03	2015-05-25	Mid-Flood	Cloudy	CS(Mf)5	10:34:08	11.6	Bottom	3	2	24.92	7.89	30.39	69.8	4.87	6.2	5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:17:09	1.0	Surface	1	1	26.9	7.89	13.31	70.9	5.25	11.3	3.4
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:16:33	1.0	Surface	1	2	26.9	7.88	13.31	73.3	5.43	11.3	2.9
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:16:15	4.3	Middle	2	1	25.56	7.84	25.13	69.4	5.12	11.5	3.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:16:53	4.3	Middle	2	2	25.52	7.85	25.59	69.3	5.06	11.2	2.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:16:44	7.5	Bottom	3	1	25.81	7.8	26.91	67.8	4.76	11.4	4.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS5	10:16:06	7.5	Bottom	3	2	25.99	7.79	26.74	68.1	4.99	11.7	3.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)6	10:06:24	1.0	Surface	1	1	26.51	7.75	15.82	70.5	5.18	8.6	3.1
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)6	10:06:11	1.0	Surface	1	2	26.62	7.76	15.13	73.6	5.43	8.5	3.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)6	10:06:05	2.3	Bottom	3	1	26.66	7.76	16.39	74.8	5.47	8.6	3.3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)6	10:06:16	2.3	Bottom	3	2	26.57	7.73	17.43	73.0	5.31	8.6	3.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS7	09:57:49	1.0	Surface	1	1	26.74	7.76	15	70.5	5.15	11.3	2.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS7	09:58:04	1.0	Surface	1	2	26.86	7.79	13.39	71.3	5.28	11.2	2.4

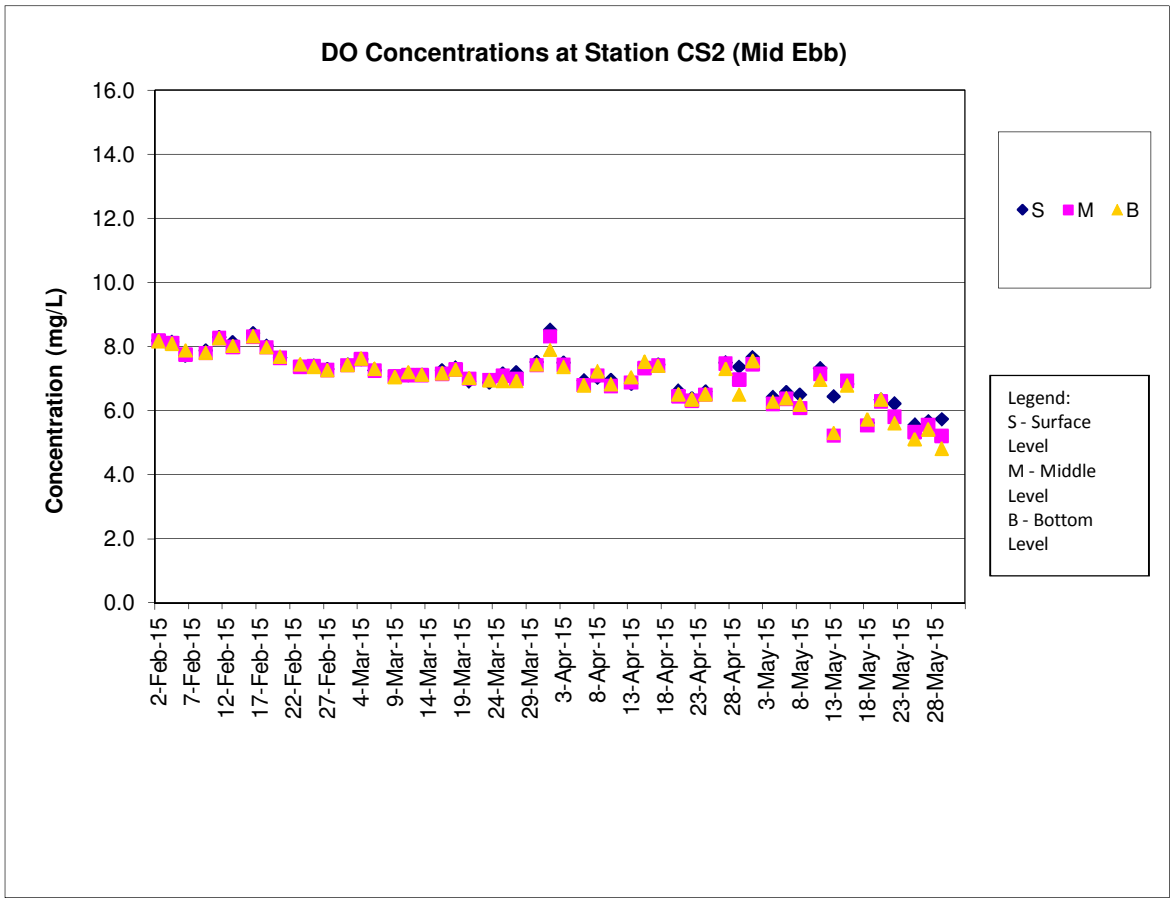
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS7	09:57:34	2.2	Bottom	3	1	26.68	7.74	16.28	68.6	5.05	11.5	3.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS7	09:57:55	2.2	Bottom	3	2	26.75	7.76	15.03	69.1	5.09	11.3	4.9
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS8	09:36:23	1.0	Surface	1	1	26.71	7.74	12.46	74.9	5.59	9.8	3.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS8	09:36:38	1.0	Surface	1	2	26.69	7.71	13.69	73.4	5.45	9.7	4.9
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS8	09:36:14	2.8	Bottom	3	1	26.59	7.7	17.09	75.2	5.48	9.5	2.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS8	09:36:31	2.8	Bottom	3	2	26.68	7.71	14.97	75.3	5.55	9.6	3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)9	09:50:33	1.0	Surface	1	1	26.79	7.77	13.78	74.2	5.49	7.2	2.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)9	09:50:51	1.0	Surface	1	2	26.84	7.78	13.74	74.3	5.5	7.5	3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)9	09:50:24	2.7	Bottom	3	1	26.68	7.72	16.96	75.3	5.49	7.6	3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS(Mf)9	09:50:42	2.7	Bottom	3	2	26.72	7.73	16.05	74.9	5.48	7.7	2.9
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:34:51	1.0	Surface	1	1	24.78	7.45	11.8	71.9	5.66	4.2	4.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:34:14	1.0	Surface	1	2	24.39	7.45	11.84	73.7	5.8	4.4	5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:34:39	5.3	Middle	2	1	24.36	7.45	19.92	70.6	5.56	4.7	5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:34:07	5.3	Middle	2	2	24.66	7.36	19.78	72.7	5.72	4.6	4.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:33:59	9.5	Bottom	3	1	24.74	7.49	22.33	71.4	5.62	5.1	5.1
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	IS10	08:34:32	9.5	Bottom	3	2	24.61	7.35	22.41	66.7	5.25	5.1	5.1
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR3	10:25:44	0.6	Middle	2	1	26.89	7.85	13.22	77.0	5.71	8.6	4
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR3	10:25:50	0.6	Middle	2	2	26.94	7.85	13.12	79.5	5.9	8.5	4.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR4	09:42:57	1.0	Surface	1	1	26.75	7.74	12.94	76.0	5.66	8.4	3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR4	09:42:44	1.0	Surface	1	2	26.75	7.73	13.16	76.7	5.7	8.7	3.3
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR4	09:42:36	2.8	Bottom	3	1	26.76	7.71	14.46	77.0	5.68	8.5	2.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR4	09:42:50	2.8	Bottom	3	2	26.75	7.71	14.57	76.7	5.66	8.6	3.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR5	08:42:20	1.0	Surface	1	1	24.66	7.49	11.93	70.6	5.56	4.6	4.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR5	08:42:32	1.0	Surface	1	2	24.58	7.47	11.57	74.3	5.85	4.8	4.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR5	08:42:25	4.1	Bottom	3	1	24.8	7.42	20.06	68.2	5.37	5.1	4.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR5	08:42:11	4.1	Bottom	3	2	24.77	7.37	20	67.9	5.34	5	5.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:20:29	1.0	Surface	1	1	26.3	7.67	13.44	76.7	5.74	7.6	3.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:20:10	1.0	Surface	1	2	26.29	7.67	13.52	76.7	5.73	7.5	2.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:20:02	3.3	Middle	2	1	26.29	7.67	13.63	76.5	5.72	7.5	3.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:20:22	3.3	Middle	2	2	26.29	7.67	13.56	76.6	5.73	7.7	2.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:20:16	5.5	Bottom	3	1	26.29	7.67	13.56	76.7	5.73	7.6	2.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10A	08:19:56	5.5	Bottom	3	2	26.29	7.67	13.65	76.7	5.73	7.5	3.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10B	08:10:50	1.0	Surface	1	1	26.29	7.67	13.79	77.1	5.76	7.5	2.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10B	08:10:25	1.0	Surface	1	2	26.3	7.68	13.7	77.2	5.77	7.5	2.9
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10B	08:10:39	4.2	Bottom	3	1	26.29	7.67	13.85	77.2	5.76	7.4	2.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	SR10B	08:10:17	4.2	Bottom	3	2	26.29	7.67	13.89	77.3	5.77	7.5	2.2
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:29	1.0	Surface	1	1	24.93	7.37	11.6	71.2	5.6	9.5	6.4
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:47	1.0	Surface	1	2	24.88	7.46	12.74	73.2	5.76	9.4	6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:41	4.1	Middle	2	1	24.68	7.5	16.95	72.4	5.7	9.8	6.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:25	4.1	Middle	2	2	24.84	7.42	16.45	69.0	5.43	9.9	5.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:34	7.1	Bottom	3	1	24.75	7.3	20.18	70.0	5.51	10	5.4
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS2	09:52:19	7.1	Bottom	3	2	24.84	7.32	22.37	67.7	5.33	10.2	5.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:59:04	1.0	Surface	1	1	26.09	7.85	9.73	66.7	5.11	7.3	6.7
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:58:26	1.0	Surface	1	2	26.13	7.84	10.85	66.6	5.07	7.1	6.5
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:58:14	6.1	Middle	2	1	25.49	7.87	20.95	66.3	5.05	7.3	5.8
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:58:52	6.1	Middle	2	2	25.46	7.87	21.25	65.8	5.02	7.9	5.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:58:04	11.1	Bottom	3	1	25.28	7.8	30.18	65.7	4.78	8.2	5.6
HKLR	HY/2011/03	2015-05-27	Mid-Ebb	Cloudy	CS(Mf)5	08:58:43	11.1	Bottom	3	2	25.39	7.79	30.68	66.0	4.79	8.6	5.7
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:13:10	1.0	Surface	1	1	26.99	7.83	15.6	72.7	5.31	8.2	3.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:13:55	1.0	Surface	1	2	27.01	7.82	15.59	73.9	5.39	7.9	3.1
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:13:33	4.1	Middle	2	1	25.89	7.75	23.66	68.5	5.03	8.3	5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:12:49	4.1	Middle	2	2	25.52	7.79	23.8	69.1	5.11	8.5	5.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:12:42	7.2	Bottom	3	1	25.52	7.76	28.2	68.2	5.02	8.7	4.3

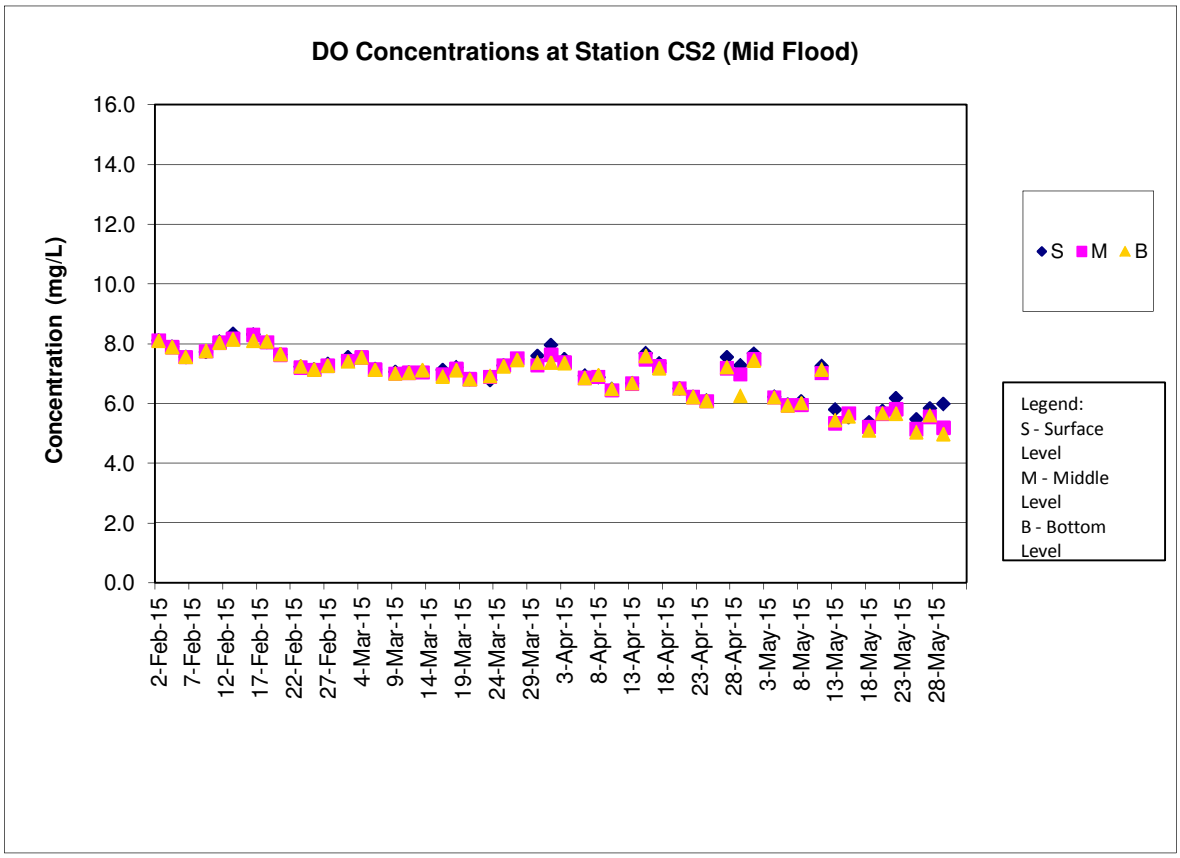
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS5	13:13:19	7.2	Bottom	3	2	25.58	7.74	27.99	69.2	4.83	8.5	4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)6	13:21:08	1.0	Surface	1	1	27.07	7.83	13.83	74.0	5.45	12.3	5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)6	13:21:28	1.0	Surface	1	2	27.37	7.86	13.57	76.1	5.58	12.4	3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)6	13:21:18	2.2	Bottom	3	1	26.71	7.75	18.54	74.4	5.37	12.5	3.5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)6	13:21:00	2.2	Bottom	3	2	26.79	7.77	18.15	75.7	5.47	12.4	4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS7	13:27:17	1.0	Surface	1	1	27.5	7.91	13.49	80.7	5.91	9.9	3.7
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS7	13:27:31	1.0	Surface	1	2	27.38	7.9	13.46	80.5	5.85	9.5	3.9
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS7	13:27:09	2.2	Bottom	3	1	27.23	7.87	15.75	79.7	5.79	10.3	2.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS7	13:27:24	2.2	Bottom	3	2	27.15	7.85	15.95	78.6	5.77	10.4	4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS8	13:49:32	1.0	Surface	1	1	27.59	7.93	13.05	89.9	6.59	12.6	7.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS8	13:49:17	1.0	Surface	1	2	27.59	7.93	13.08	89.9	6.59	12.4	8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS8	13:49:23	2.9	Bottom	3	1	27.48	7.92	14.18	90.4	6.6	12.5	7.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS8	13:49:08	2.9	Bottom	3	2	27.46	7.92	14.2	90.0	6.57	12.2	6.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)9	13:33:28	1.0	Surface	1	1	27.47	7.87	13.04	85.8	6.3	8.2	3.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)9	13:33:12	1.0	Surface	1	2	27.52	7.91	13.01	85.9	6.31	7.9	3.9
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)9	13:33:19	2.7	Bottom	3	1	27.22	7.88	14.99	85.9	6.27	8.4	3.2
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS(Mf)9	13:33:01	2.7	Bottom	3	2	27.06	7.86	15.02	84.3	6.17	8.2	4.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:44:05	1.0	Surface	1	1	25.54	7.45	11.03	74.8	5.89	5.2	5.5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:44:21	1.0	Surface	1	2	25.64	7.41	10.98	75.1	5.91	5.3	5.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:44:16	5.3	Middle	2	1	25.32	7.39	16.07	73.2	5.76	5.5	5.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:44:01	5.3	Middle	2	2	25.1	7.42	15.21	71.9	5.66	5.6	6.5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:43:55	9.6	Bottom	3	1	25.62	7.4	22.26	70.0	5.51	5.8	6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	IS10	14:44:10	9.6	Bottom	3	2	25.69	7.39	22.6	71.7	5.64	5.7	6.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR3	13:01:18	0.7	Middle	2	1	27.19	7.89	15.07	85.6	6.25	7.3	3.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR3	13:01:13	0.7	Middle	2	2	27.21	7.9	14.9	86.5	6.32	7	4.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR4	13:41:14	1.0	Surface	1	1	27.57	7.93	13.05	89.9	6.59	13.9	5.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR4	13:41:00	1.0	Surface	1	2	27.53	7.93	13.15	89.1	6.54	14.7	6.4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR4	13:41:06	2.7	Bottom	3	1	27.42	7.91	14.36	89.9	6.56	14.7	7.2
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR4	13:40:52	2.7	Bottom	3	2	27.42	7.91	14.53	89.5	6.53	14.3	6.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR5	14:38:47	1.0	Surface	1	1	25.36	7.33	11.09	72.7	5.72	5.1	6.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR5	14:38:36	1.0	Surface	1	2	25.29	7.34	10.18	68.4	5.38	5.1	5.7
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR5	14:38:41	4.1	Bottom	3	1	25.4	7.32	20.18	69.6	5.48	5.5	7
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR5	14:38:31	4.1	Bottom	3	2	25.43	7.34	20.75	70.5	5.55	5.4	7.2
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:13:05	1.0	Surface	1	1	26.5	7.86	12.55	73.1	5.48	7.1	5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:12:35	1.0	Surface	1	2	26.38	7.88	11.8	73.5	5.54	7.3	4.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:12:53	3.3	Middle	2	1	25.99	7.87	19.38	72.1	5.25	7	5.2
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:12:26	3.3	Middle	2	2	26.08	7.85	19.41	73.0	5.3	7.5	4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:12:15	5.6	Bottom	3	1	26.09	7.79	24.07	73.8	5.22	7.4	4.5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10A	15:12:45	5.6	Bottom	3	2	26	7.81	24.79	72.4	5.11	7.2	4.1
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10B	15:21:28	1.0	Surface	1	1	26.15	7.84	14.46	72.0	5.37	7.6	4.9
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10B	15:21:13	1.0	Surface	1	2	26.22	7.85	14.1	72.4	5.4	7.8	4.5
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10B	15:21:03	4.4	Bottom	3	1	26.23	7.8	19.98	72.6	5.24	7.8	3.9
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	SR10B	15:21:20	4.4	Bottom	3	2	26.25	7.8	19.55	72.0	5.21	7.8	4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:56	1.0	Surface	1	1	25.2	7.52	11.81	73.2	5.76	8.4	7.8
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:38	1.0	Surface	1	2	25.35	7.58	10.58	75.5	5.94	8.3	8.4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:31	4.1	Middle	2	1	24.81	7.51	15.83	68.6	5.4	8.5	7.6
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:51	4.1	Middle	2	2	24.88	7.5	16.47	72.7	5.72	8.7	7.7
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:25	7.2	Bottom	3	1	24.83	7.56	19.31	71.3	5.61	9.1	8.1
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS2	13:24:44	7.2	Bottom	3	2	25.2	7.39	19.29	71.3	5.61	9	9.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:29:12	1.0	Surface	1	1	27.01	7.88	10.53	72.3	5.43	9.6	5.3
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:28:17	1.0	Surface	1	2	26.72	7.86	11.59	73.7	5.33	9.4	4.9
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:27:51	6.3	Middle	2	1	25.31	7.96	24.92	73.1	5.16	9.8	5.4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:28:47	6.3	Middle	2	2	25.44	7.95	24.51	72.4	5.11	9.6	5.8

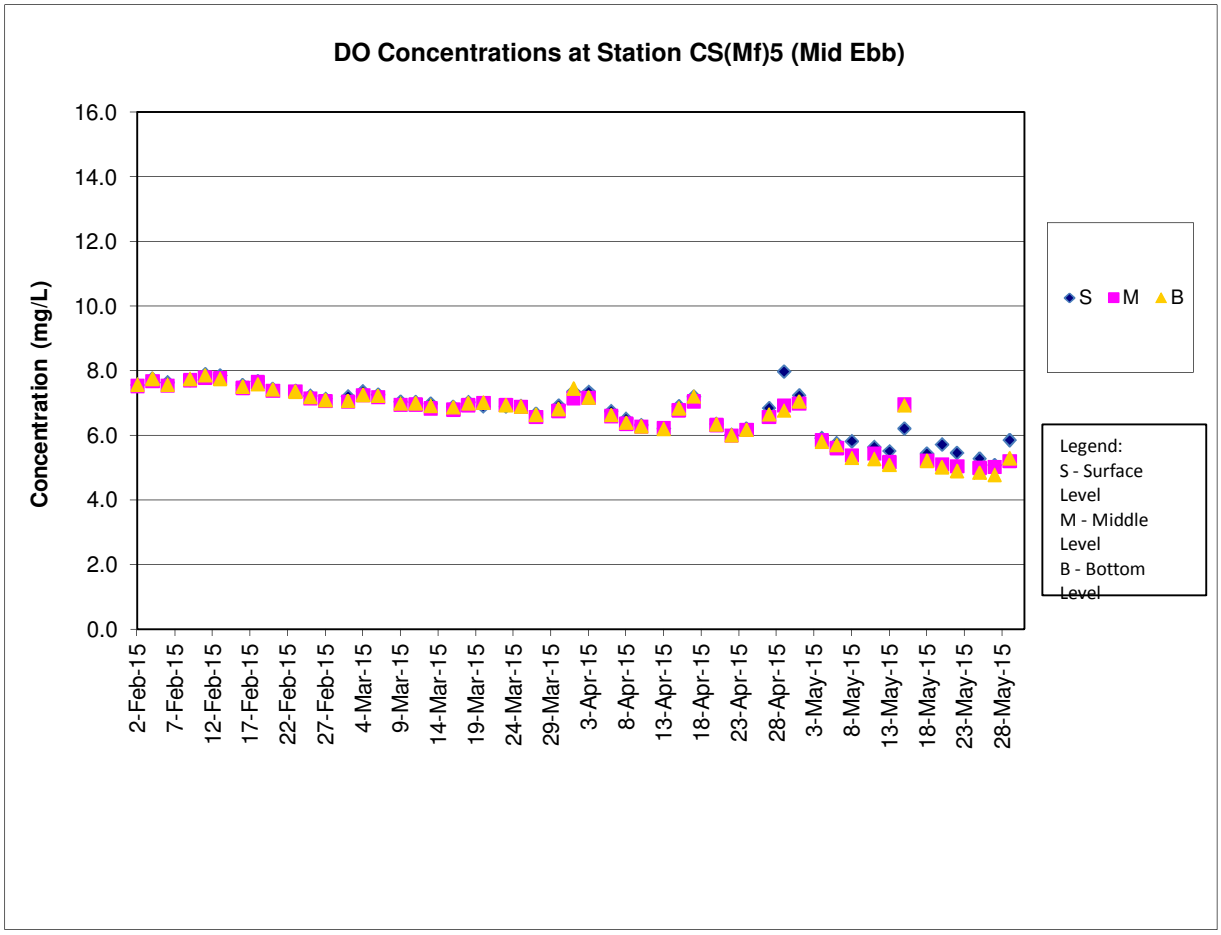
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:27:43	11.6	Bottom	3	1	25.05	7.93	31.35	71.9	5.09	9.7	5.4
HKLR	HY/2011/03	2015-05-27	Mid-Flood	Cloudy	CS(Mf)5	14:28:37	11.6	Bottom	3	2	25.15	7.91	31.35	70.3	5.02	9.7	5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:32:06	1.0	Surface	1	1	28.11	8.21	12.37	88.3	6.44	11.7	5.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:32:37	1.0	Surface	1	2	27.94	8.18	13.16	87.3	6.36	11.5	6.9
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:32:22	4.2	Middle	2	1	25.71	8.03	27.46	75	5.24	15.3	7.3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:31:51	4.2	Middle	2	2	25.74	8.03	27.26	81.9	5.71	15.2	8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:32:18	7.4	Bottom	3	1	25.74	8.03	27.6	77.9	5.48	13.8	7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS5	11:31:45	7.4	Bottom	3	2	25.71	8.03	27.68	76.7	5.35	14.4	7.9
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)6	11:21:31	1.0	Surface	1	1	28.63	8.36	12.62	122.6	8.85	8.1	6.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)6	11:21:45	1.0	Surface	1	2	28.69	8.37	12.61	125.5	9.05	7.8	6.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)6	11:21:35	2.4	Bottom	3	1	28.35	8.31	16.67	123.2	8.74	9.6	7.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)6	11:21:24	2.4	Bottom	3	2	28.43	8.33	17.48	129.3	9.12	9.3	8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS7	11:15:13	1.0	Surface	1	1	27.76	8.15	13.02	90.3	6.6	15.4	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS7	11:15:30	1.0	Surface	1	2	27.62	8.08	13.71	86.1	6.29	14.8	5.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS7	11:15:23	2.4	Bottom	3	1	27.55	8.06	16.88	90.5	6.5	16.9	6.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS7	11:15:08	2.4	Bottom	3	2	27.43	8.07	16.26	91.2	6.58	17.6	7.3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS8	10:46:34	1.0	Surface	1	1	28.55	8.32	12.23	121.6	8.81	10.5	6
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS8	10:46:43	1.0	Surface	1	2	28.23	8.28	12.16	123.8	8.89	10.8	5.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS8	10:46:09	2.6	Bottom	3	1	27.99	8.16	14.43	109.5	7.91	11.1	6
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS8	10:46:38	2.6	Bottom	3	2	28.48	8.29	14.12	119	8.67	10.9	5.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)9	11:08:09	1.0	Surface	1	1	27.77	8.18	13.04	91.6	6.69	9.4	5.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)9	11:08:27	1.0	Surface	1	2	28.22	8.17	13	90.9	6.59	9.2	6.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)9	11:08:19	2.5	Bottom	3	1	26.85	8.07	17.95	90.9	6.57	9.7	6.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS(Mf)9	11:08:02	2.5	Bottom	3	2	27.49	8.1	16.95	90.3	6.49	9.7	5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:06:59	1.0	Surface	1	1	26.05	7.68	10.1	80.1	6.13	6.4	3.1
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:08:01	1.0	Surface	1	2	25.95	7.68	10.71	79.9	6.11	6.3	3.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:07:32	5.6	Middle	2	1	24.39	7.73	23.45	71.6	5.22	6.6	5.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:06:36	5.6	Middle	2	2	24.6	7.71	22.68	74.2	5.43	6.7	5.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:07:20	10.2	Bottom	3	1	24.11	7.67	27.73	70.3	5.04	6.7	4.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	IS10	11:06:23	10.2	Bottom	3	2	24.06	7.67	28.31	70.8	5.07	6.8	4.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR3	12:44:18	0.7	Middle	2	1	28.06	8.18	12.74	103.5	7.54	9.8	6.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR3	12:44:11	0.7	Middle	2	2	28.04	8.17	12.78	102.2	7.45	10.1	7.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR4	10:57:16	1.0	Surface	1	1	28.4	8.28	12.17	114.1	8.29	13	4.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR4	10:57:27	1.0	Surface	1	2	28.26	8.28	12.17	116.1	8.46	12.3	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR4	10:57:21	2.8	Bottom	3	1	28.33	8.26	14.35	118	8.48	14.1	5.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR4	10:57:08	2.8	Bottom	3	2	28.17	8.2	14.56	109.5	7.88	15.3	5.5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR5	11:18:34	1.0	Surface	1	1	25.42	7.7	12.52	71.5	5.46	7.7	5.3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR5	11:18:14	1.0	Surface	1	2	25.45	7.7	12.54	72.8	5.56	7.7	5.5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR5	11:18:25	4.0	Bottom	3	1	25.13	7.63	18.81	72.4	5.36	7.5	4.2
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR5	11:18:06	4.0	Bottom	3	2	25.43	7.63	18.96	74.2	5.47	7.5	5.9
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:29:21	1.0	Surface	1	1	27.28	7.9	13.94	87.5	6.42	5.4	3.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:27:41	1.0	Surface	1	2	27.26	7.93	13.22	85.9	6.33	5.5	3.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:29:13	3.3	Middle	2	1	27.2	7.88	14.65	87.9	6.43	5.5	3.4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:27:37	3.3	Middle	2	2	27.2	7.92	14.48	85.6	6.27	5.5	3.1
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:27:32	5.6	Bottom	3	1	27.2	7.91	14.69	86	6.29	5.5	3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10A	09:29:07	5.6	Bottom	3	2	27.18	7.87	14.78	89.4	6.54	5.8	3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10B	09:13:38	1.0	Surface	1	1	27.27	7.96	12.14	88.4	6.55	5.5	3.6
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10B	09:14:01	1.0	Surface	1	2	27.67	7.98	11.44	91.1	6.73	5.6	3.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10B	09:13:45	4.2	Bottom	3	1	27.3	7.93	15.69	88.3	6.41	5.4	2.8
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	SR10B	09:13:33	4.2	Bottom	3	2	27.34	7.93	15.86	89.3	6.47	5.4	3.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:13:47	1.0	Surface	1	1	26.23	7.78	7.71	73.7	5.7	5.6	3.6
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:14:22	1.0	Surface	1	2	26.21	7.75	7.84	74.7	5.78	5.6	3.7
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:13:34	4.0	Middle	2	1	24.56	7.74	21.76	71.8	5.19	5.5	4.1

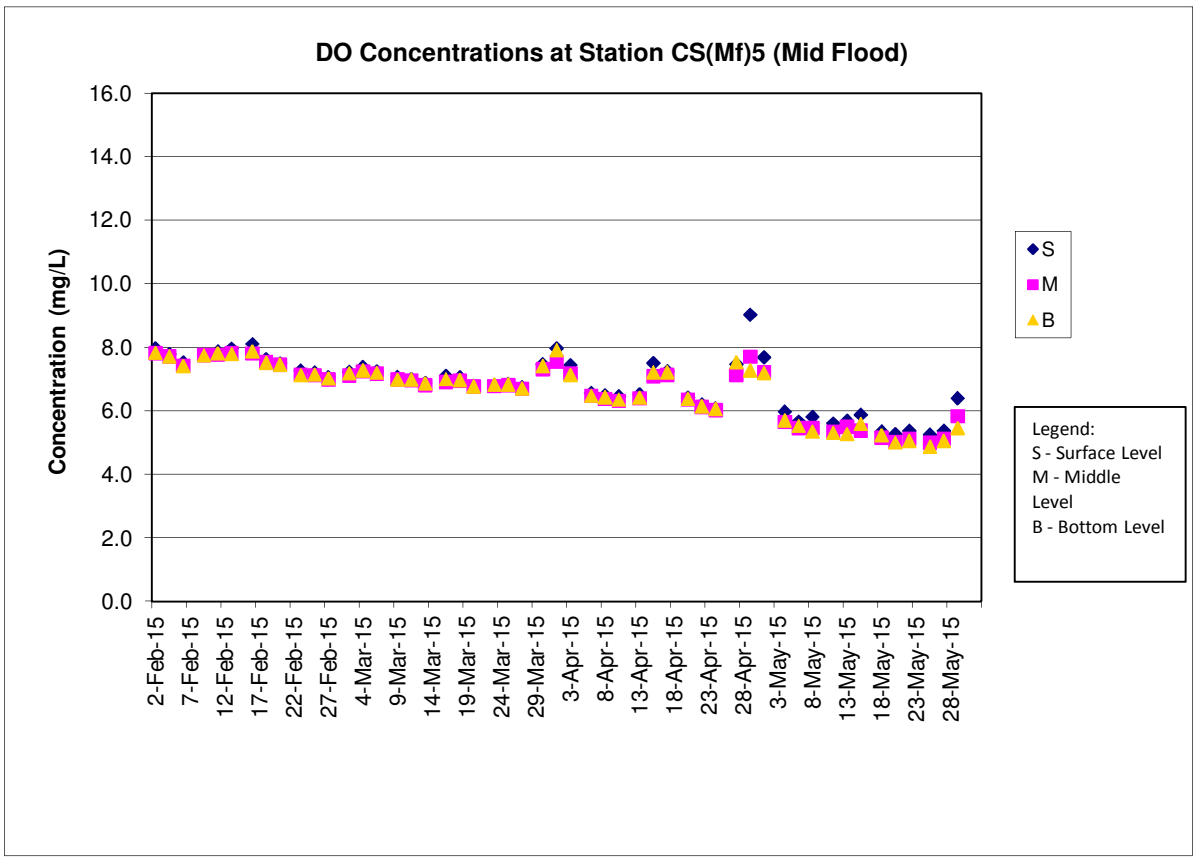
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:14:07	4.0	Middle	2	2	24.46	7.76	23.09	73	5.24	5.7	5.1
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:13:58	6.9	Bottom	3	1	24.32	7.67	26.87	65.7	4.81	5.7	5.9
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS2	12:13:24	6.9	Bottom	3	2	24.32	7.72	25.84	65.7	4.83	5.8	4
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:08:37	1.0	Surface	1	1	27.09	7.97	11.8	77.8	5.8	7.8	5.3
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:09:10	1.0	Surface	1	2	27.42	7.98	10.95	79.5	5.92	7.6	5.5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:08:53	6.9	Middle	2	1	26.02	7.91	25.72	74.3	5.21	5.5	4.5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:08:22	6.9	Middle	2	2	26.05	7.91	25.37	74.4	5.22	5.7	4.5
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:08:48	12.7	Bottom	3	1	26.37	7.87	26.45	76	5.28	6.5	6.1
HKLR	HY/2011/03	2015-05-29	Mid-Ebb	Sunny	CS(Mf)5	10:08:16	12.7	Bottom	3	2	26.54	7.86	26.09	76.7	5.32	7	5.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:28:40	1.0	Surface	1	1	28.19	8.2	14.85	95.3	6.85	14.1	9.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:28:11	1.0	Surface	1	2	27.99	8.15	14.74	90.8	6.55	14.7	9.1
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:27:57	4.1	Middle	2	1	26.03	7.94	23.38	72.9	5.18	13.8	10.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:28:27	4.1	Middle	2	2	25.96	7.89	24.14	73.6	5.22	14.9	10.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:27:50	7.2	Bottom	3	1	25.99	7.97	25.12	85.3	6.01	14.1	10.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS5	15:28:21	7.2	Bottom	3	2	26.01	7.93	25.15	84	5.91	15.1	11.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)6	15:38:10	1.0	Surface	1	1	28.52	8.45	12.75	129.1	9.33	13.8	9.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)6	15:38:29	1.0	Surface	1	2	28.39	8.43	12.87	127.1	9.2	13.3	8.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)6	15:38:21	2.1	Bottom	3	1	27.91	8.29	16	127.4	9.14	14.9	9.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)6	15:38:01	2.1	Bottom	3	2	28.04	8.33	15.73	124.5	8.92	15.5	8.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS7	15:47:04	1.0	Surface	1	1	28.14	8.22	13.48	120.2	8.7	11.6	9.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS7	15:47:19	1.0	Surface	1	2	28.35	8.27	13.41	121.3	8.76	11.6	8.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS7	15:46:57	2.1	Bottom	3	1	27.97	8.17	14.23	116.1	8.4	12.9	9.7
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS7	15:47:09	2.1	Bottom	3	2	27.86	8.14	15.17	116.4	8.4	12.2	8.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS8	16:19:57	1.0	Surface	1	1	29.33	8.63	12.63	115.5	8.87	13.2	13.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS8	16:19:40	1.0	Surface	1	2	29.3	8.57	12.64	112.4	8.71	12.9	12.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS8	16:19:46	2.6	Bottom	3	1	27.54	8.48	15.1	102.5	7.45	15.2	14
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS8	16:19:28	2.6	Bottom	3	2	27.1	8.26	16.98	109.1	7.89	15.7	12.7
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)9	15:55:20	1.0	Surface	1	1	29.4	8.53	12.26	140.3	9.87	12	5.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)9	15:55:09	1.0	Surface	1	2	29.7	8.45	12.1	134.9	9.59	13	5.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)9	15:55:03	2.3	Bottom	3	1	28.48	8.39	14.52	136	9.74	14	5.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS(Mf)9	15:55:12	2.3	Bottom	3	2	29.52	8.47	13.83	141.4	9.99	13.4	5.2
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:45:37	1.0	Surface	1	1	26.8	7.78	6.46	81.8	6.31	7.4	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:45:00	1.0	Surface	1	2	26.73	7.76	6.72	83	6.4	7.8	3.2
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:45:25	5.5	Middle	2	1	25.46	7.79	16.13	80.4	5.75	7.7	3.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:44:44	5.5	Middle	2	2	25.53	7.75	18.67	81.5	5.83	7.7	4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:44:31	10.0	Bottom	3	1	24.2	7.65	27.85	74.6	5.5	7.8	4.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	IS10	16:45:14	10.0	Bottom	3	2	24.18	7.67	28.01	72.3	5.41	7.7	4.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR3	15:13:15	0.7	Middle	2	1	27.94	8.16	14.88	111.6	8.05	11.8	10.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR3	15:13:10	0.7	Middle	2	2	27.96	8.17	14.88	109.4	7.89	11.8	9.2
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR4	16:07:11	1.0	Surface	1	1	29.43	8.41	12.6	128	9.11	11.8	11.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR4	16:07:28	1.0	Surface	1	2	29.38	8.44	12.67	135.1	9.63	12.2	13.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR4	16:07:19	2.4	Bottom	3	1	27.53	8.24	14.52	125.6	9.13	14.1	11.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR4	16:07:02	2.4	Bottom	3	2	27.59	8.19	14.21	118.5	8.63	13.3	12.1
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR5	16:34:16	1.0	Surface	1	1	26.77	7.74	7.02	85	6.54	5.4	5.7
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR5	16:34:41	1.0	Surface	1	2	26.48	7.77	6.69	86.3	6.68	5.4	4.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR5	16:34:28	4.2	Bottom	3	1	25.71	7.67	15.32	83.5	6.25	5.3	5.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR5	16:34:03	4.2	Bottom	3	2	25.53	7.7	15.94	81.6	6.1	5.4	5.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:32:12	1.0	Surface	1	1	27.48	8.1	14.1	89.9	6.57	5.9	4.2
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:31:42	1.0	Surface	1	2	27.53	8.06	14.06	90.2	6.59	6.1	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:31:32	3.4	Middle	2	1	26.72	7.97	19.96	85.6	6.13	5.5	4.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:32:02	3.4	Middle	2	2	26.81	8.05	18.96	86.3	6.21	5.5	3.4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:31:23	5.8	Bottom	3	1	26.82	7.98	21.35	87.7	6.22	5.5	4.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10A	17:31:54	5.8	Bottom	3	2	26.88	8.03	20.55	88.6	6.31	5.8	4.7

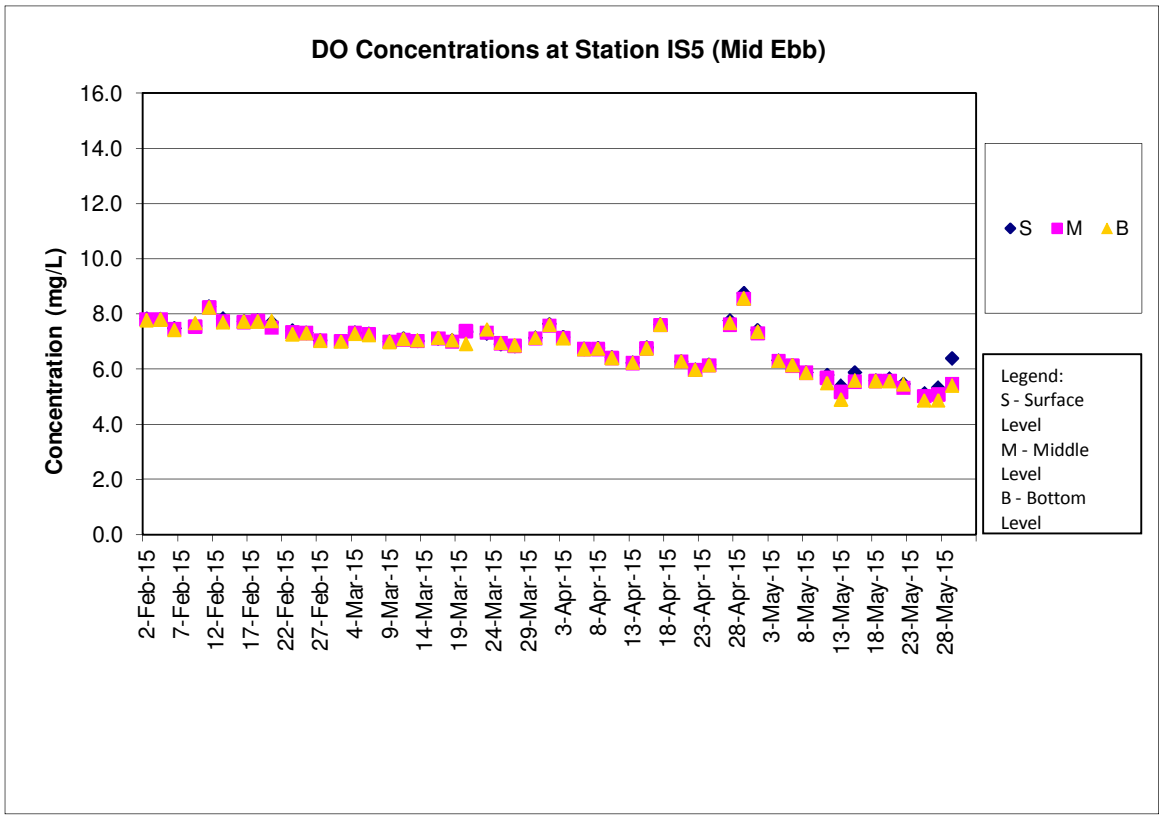
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10B	17:45:23	1.0	Surface	1	1	27.4	8.1	14.07	90.1	6.59	6.1	4
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10B	17:45:48	1.0	Surface	1	2	27.54	8.1	13.93	90.7	6.62	6	3.1
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10B	17:45:35	4.6	Bottom	3	1	26.96	8.04	19.86	88.5	6.31	5.8	3.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	SR10B	17:45:13	4.6	Bottom	3	2	27	8.04	19.41	89	6.36	5.7	4.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:22:14	1.0	Surface	1	1	26.59	7.71	5.91	79.7	6.19	6.6	5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:22:48	1.0	Surface	1	2	26.57	7.78	5.98	74.7	5.8	6.6	4.9
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:21:54	3.9	Middle	2	1	25.22	7.74	17.91	71.1	5.12	6.7	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:22:35	3.9	Middle	2	2	25.01	7.76	18.51	73.3	5.28	6.6	3.5
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:21:02	6.8	Bottom	3	1	24.29	7.85	25.59	66.7	4.96	6.6	4.8
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS2	15:22:25	6.8	Bottom	3	2	24.24	7.69	26.62	67.4	5.01	6.7	4.7
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	17:00:06	1.0	Surface	1	1	27.88	8.11	11.47	89.7	6.6	7.2	4.2
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	17:01:18	1.0	Surface	1	2	27.79	8.04	12.1	84.5	6.21	7	4.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	16:59:45	6.1	Middle	2	1	25.77	7.97	25.23	82.7	5.83	6	4.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	17:01:01	6.1	Middle	2	2	25.75	7.87	25.04	83	5.85	6.1	4.3
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	16:59:32	11.2	Bottom	3	1	25.56	7.96	28.17	79.5	5.52	6.6	3.6
HKLR	HY/2011/03	2015-05-29	Mid-Flood	Sunny	CS(Mf)5	17:00:53	11.2	Bottom	3	2	25.79	7.84	27.94	77.5	5.39	6.5	3.6

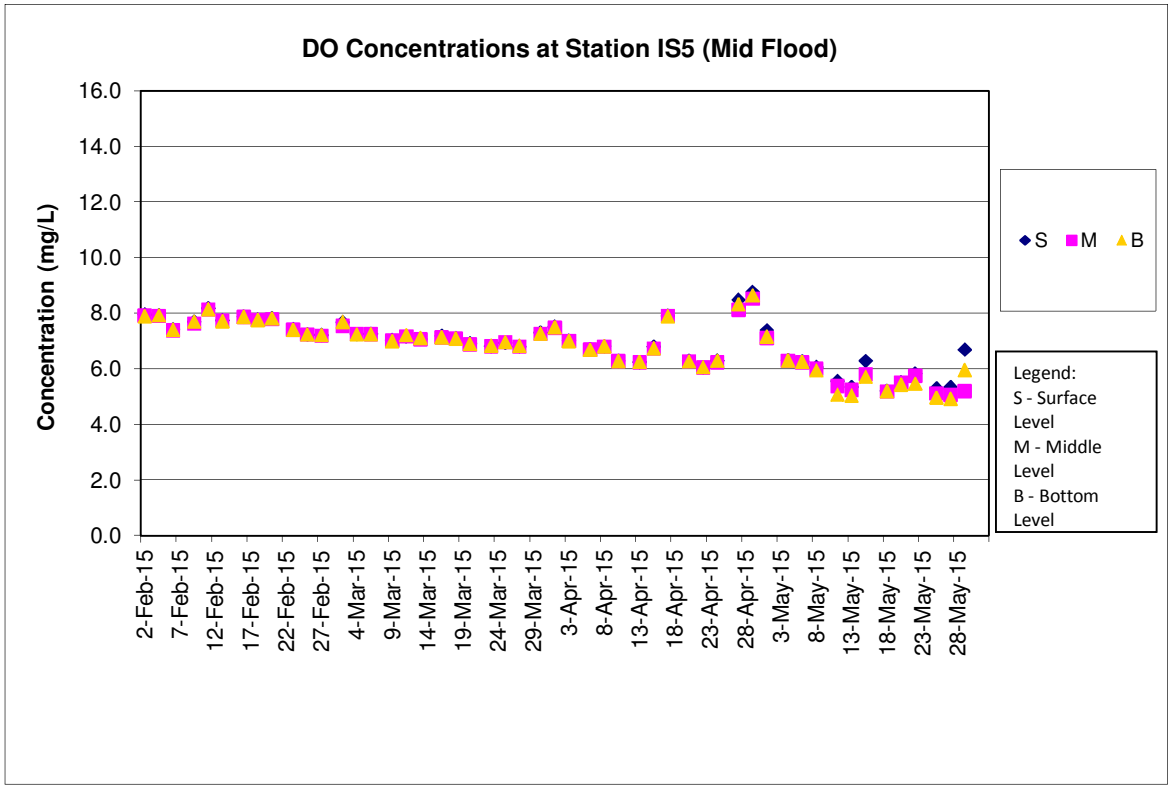

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

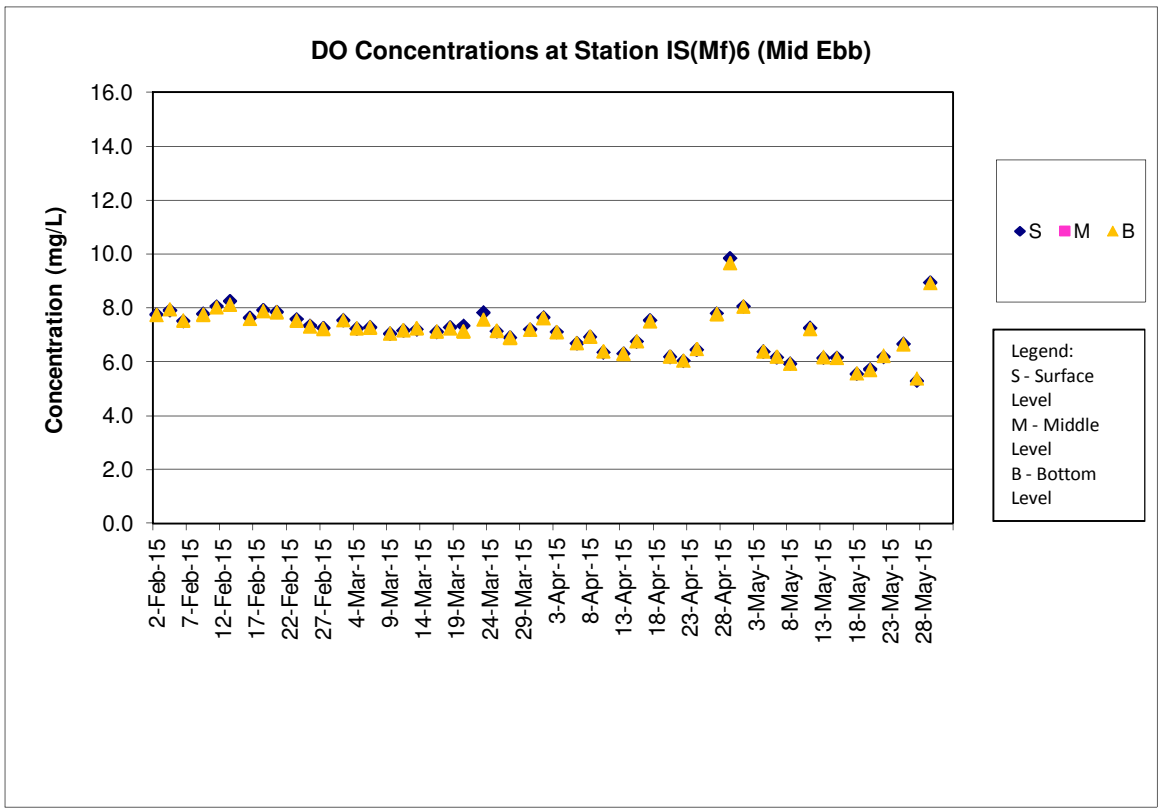

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

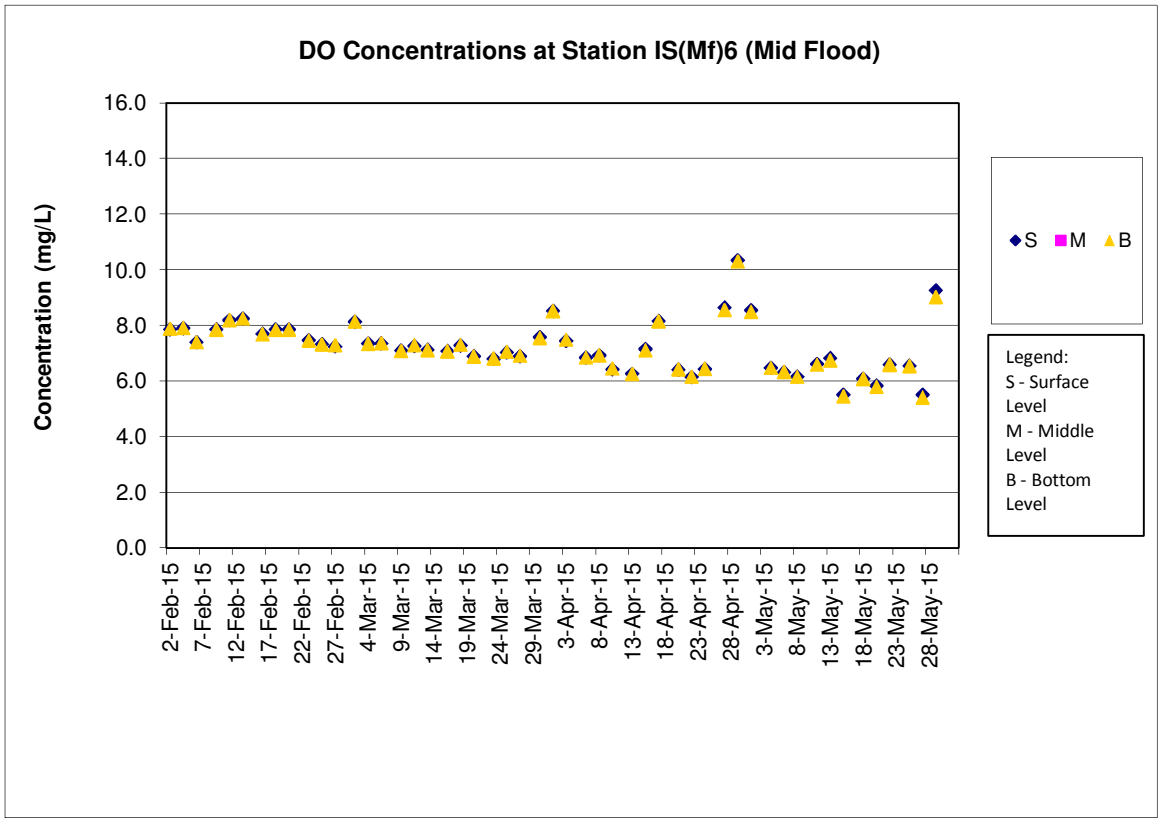

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

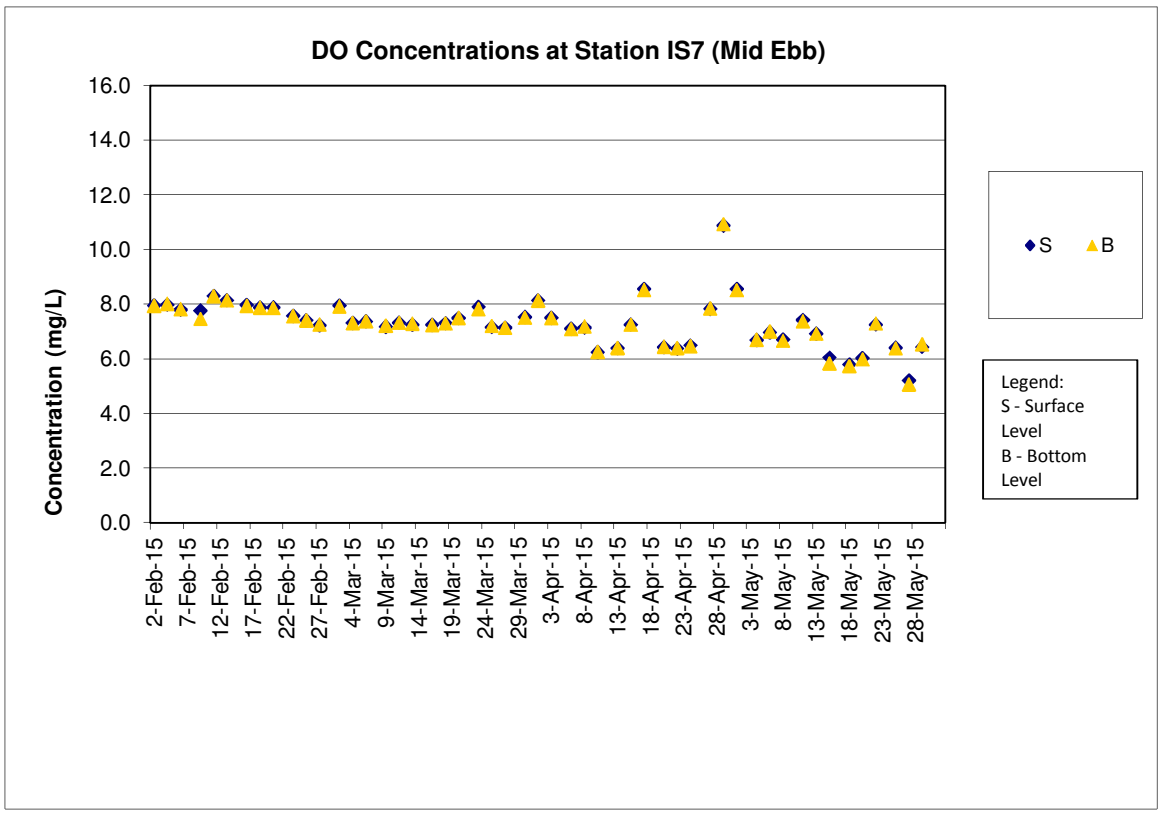

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

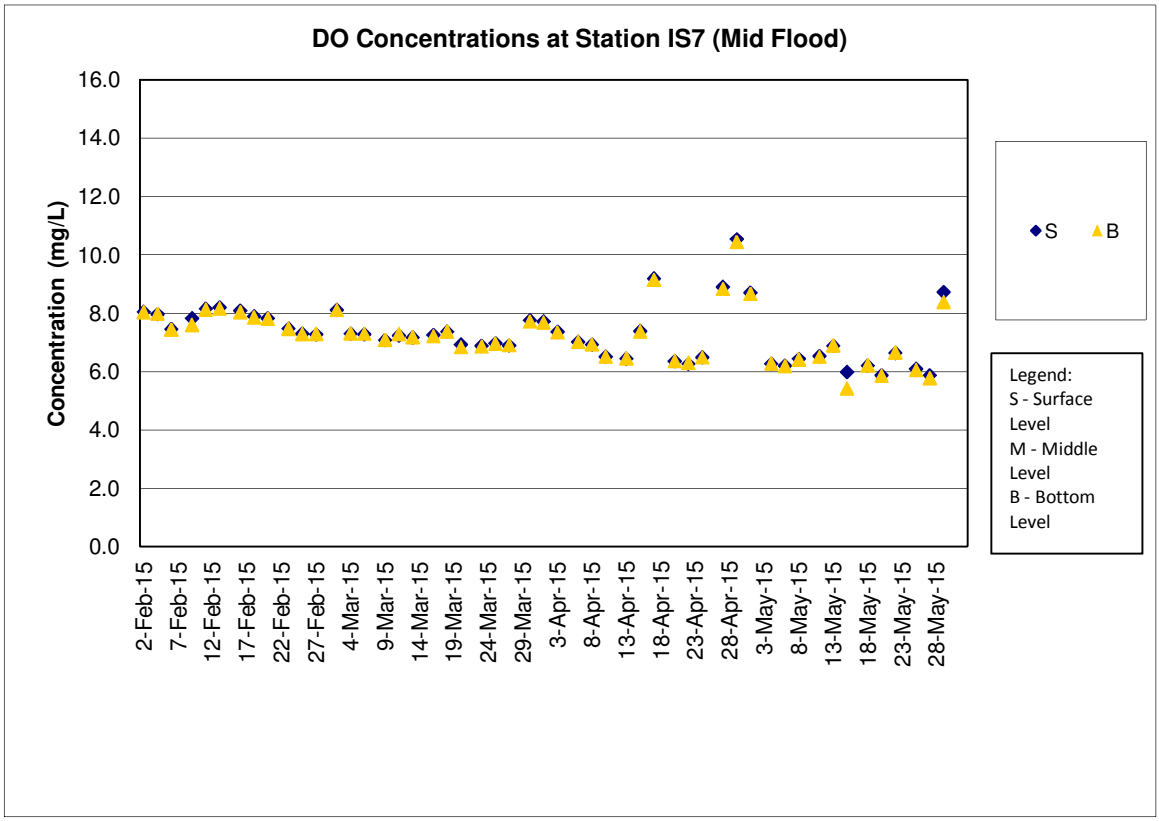

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

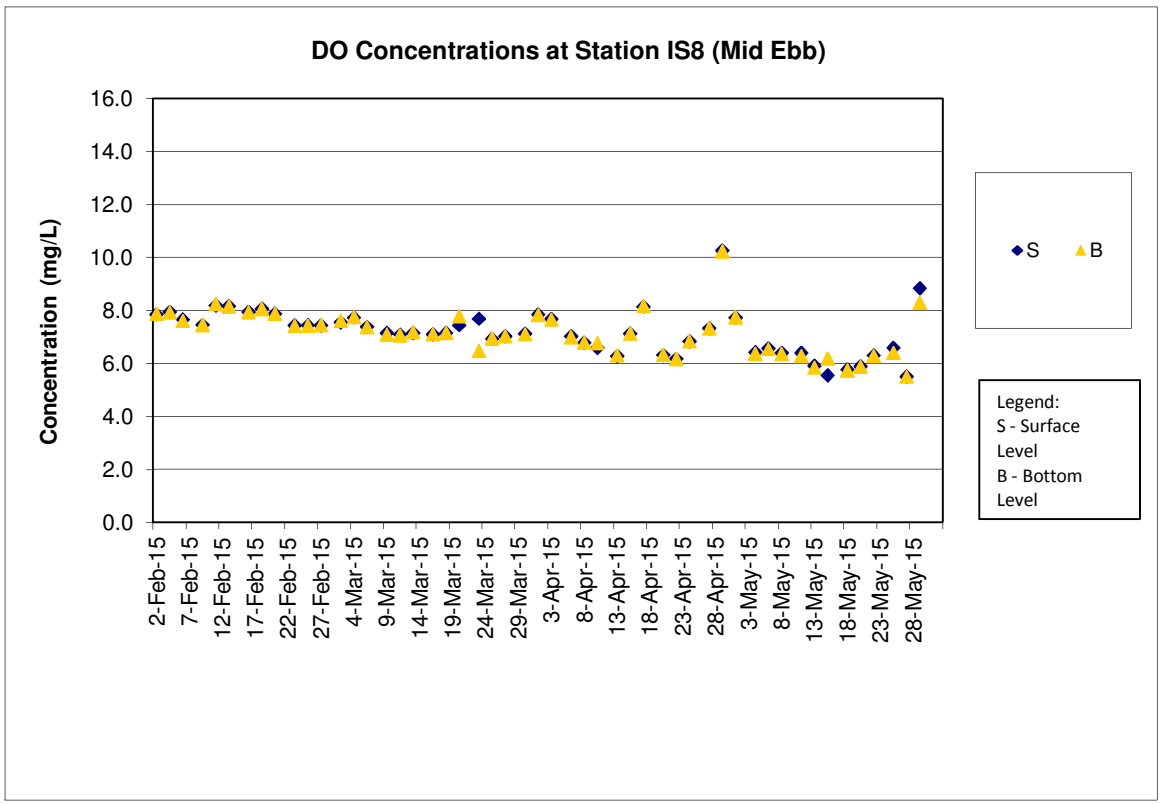

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

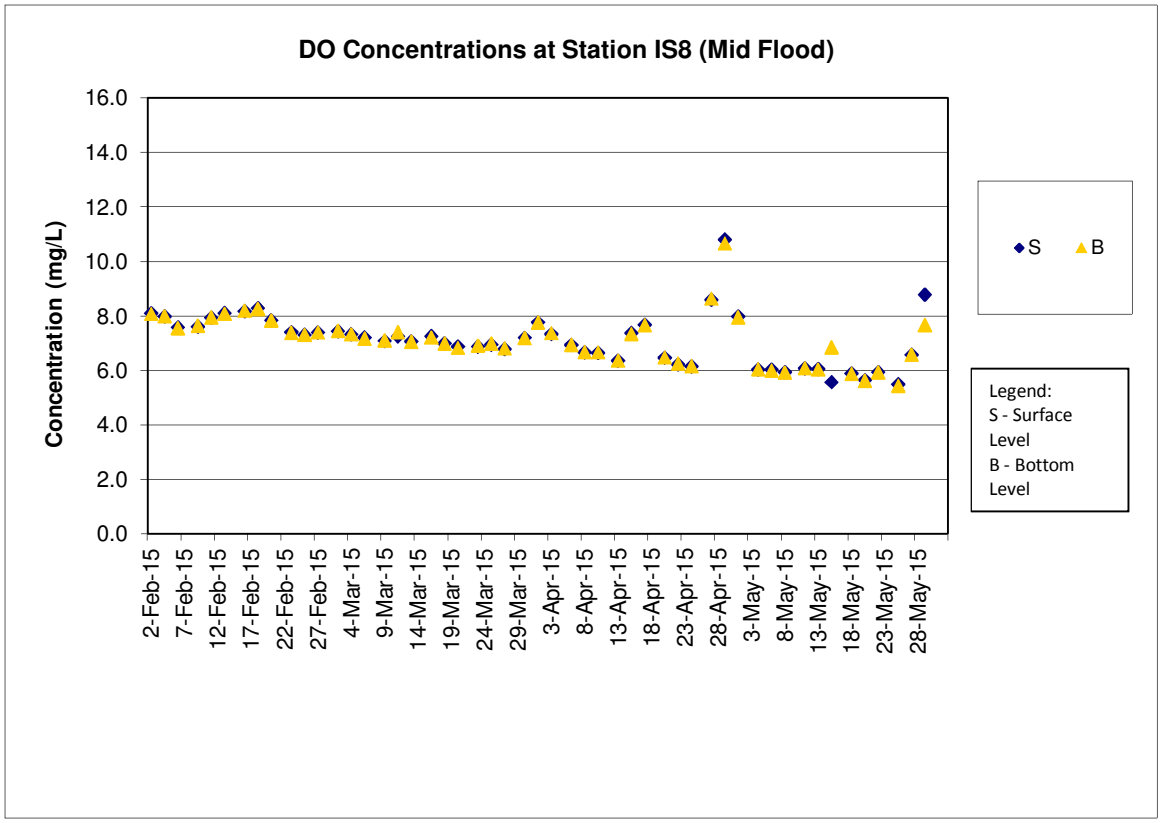

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

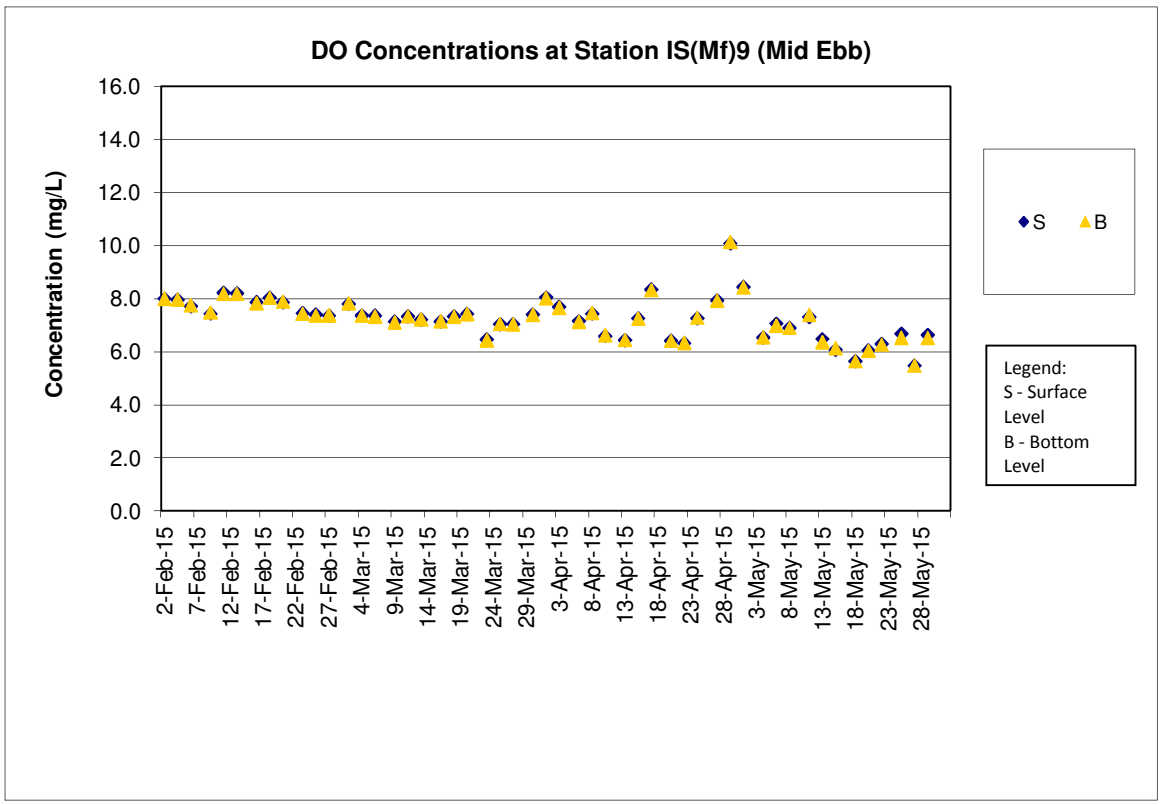

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

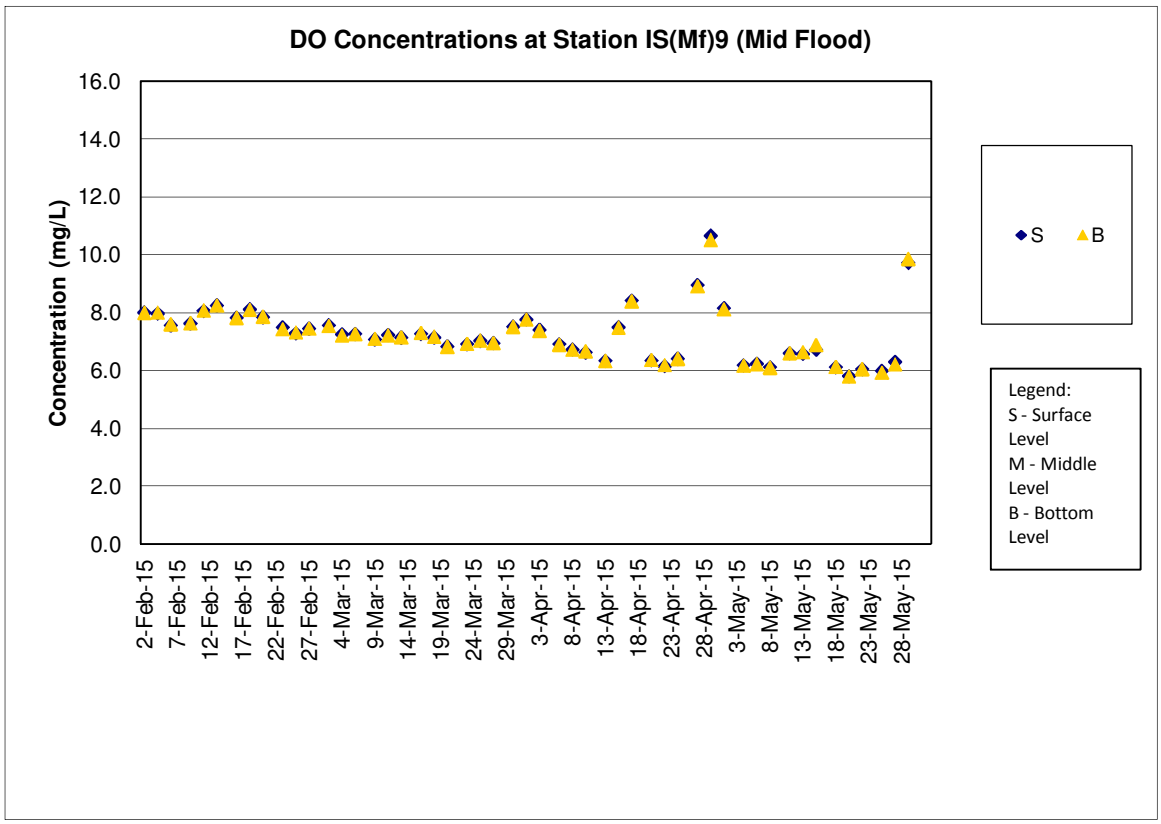

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

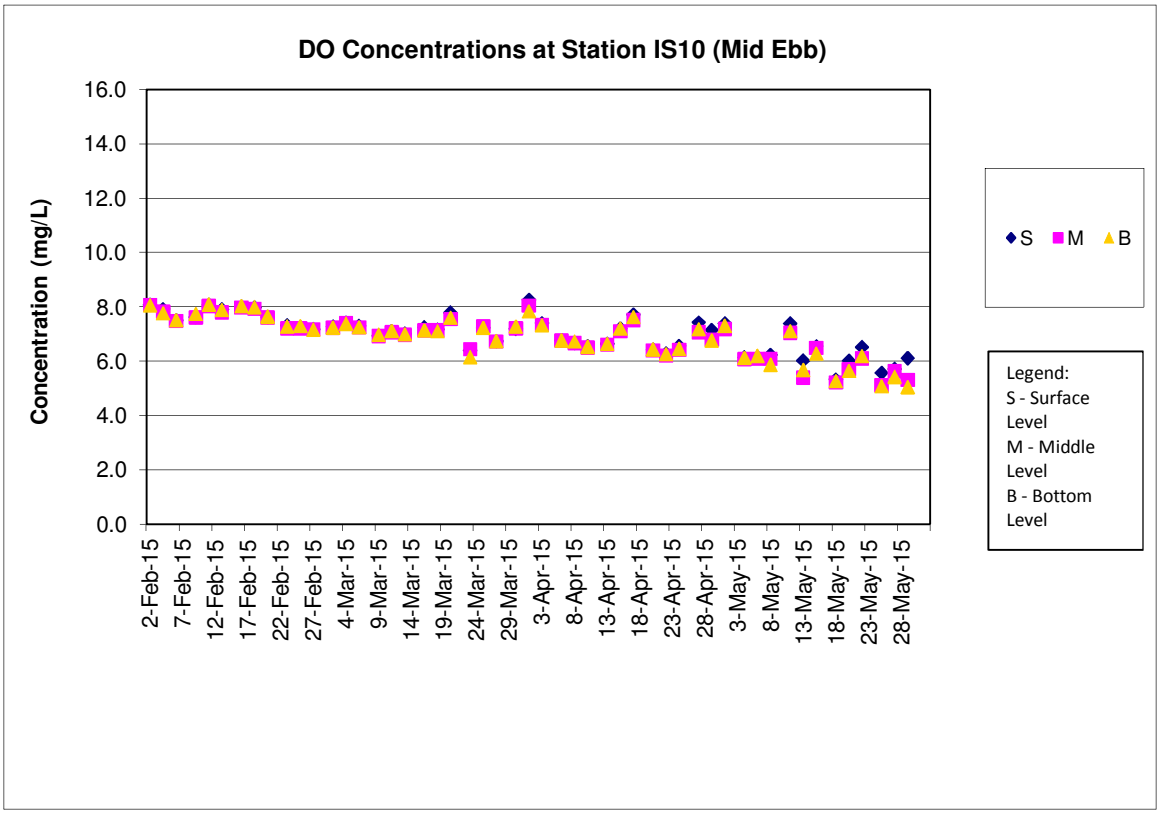

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

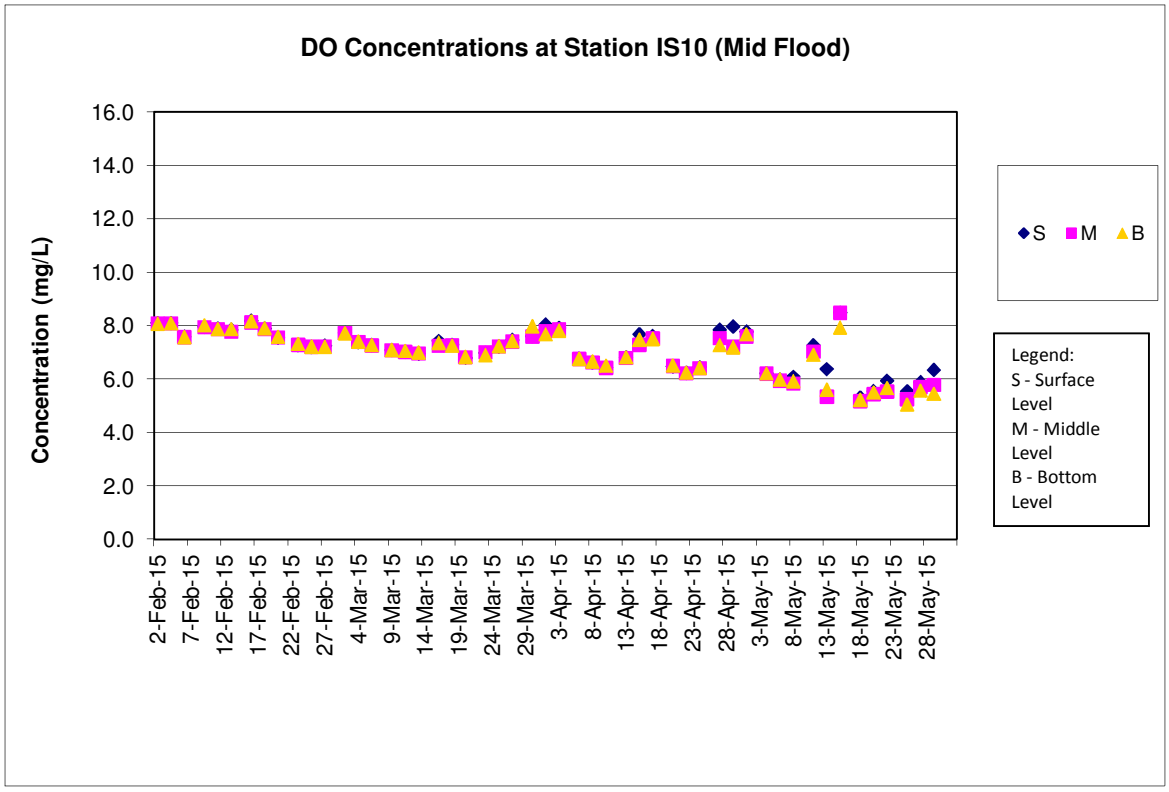

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

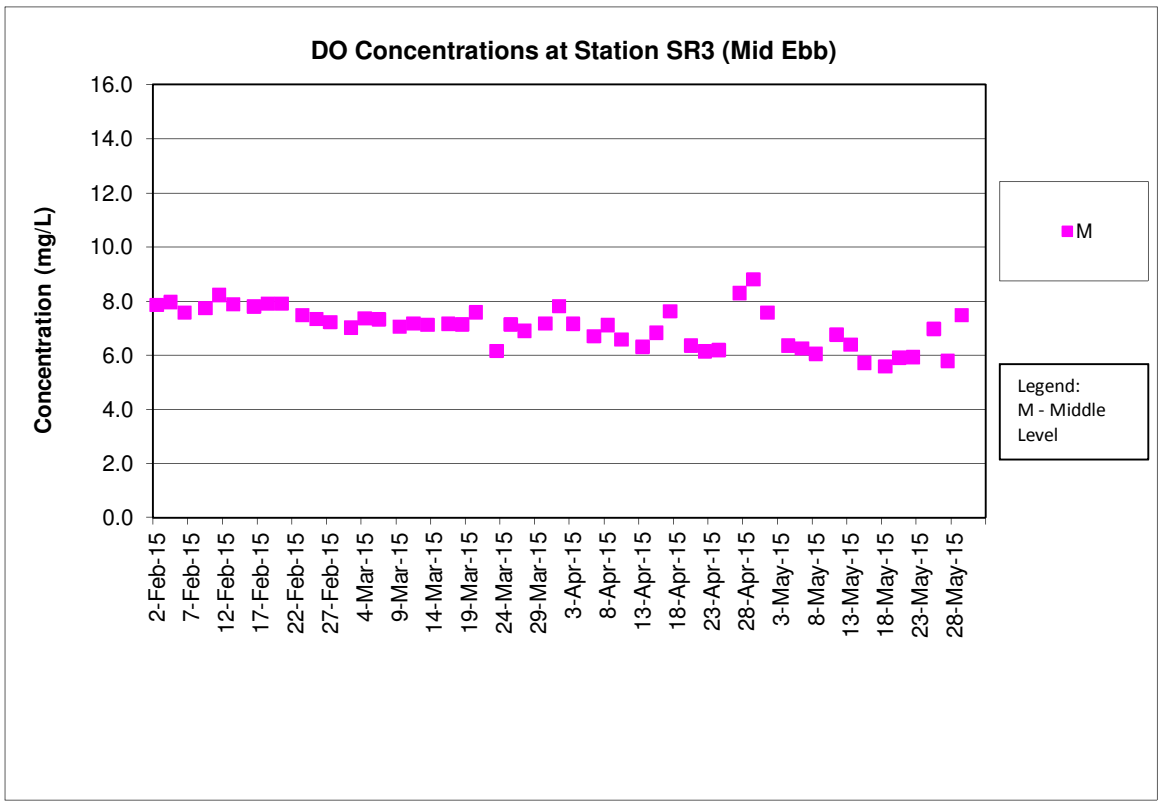

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

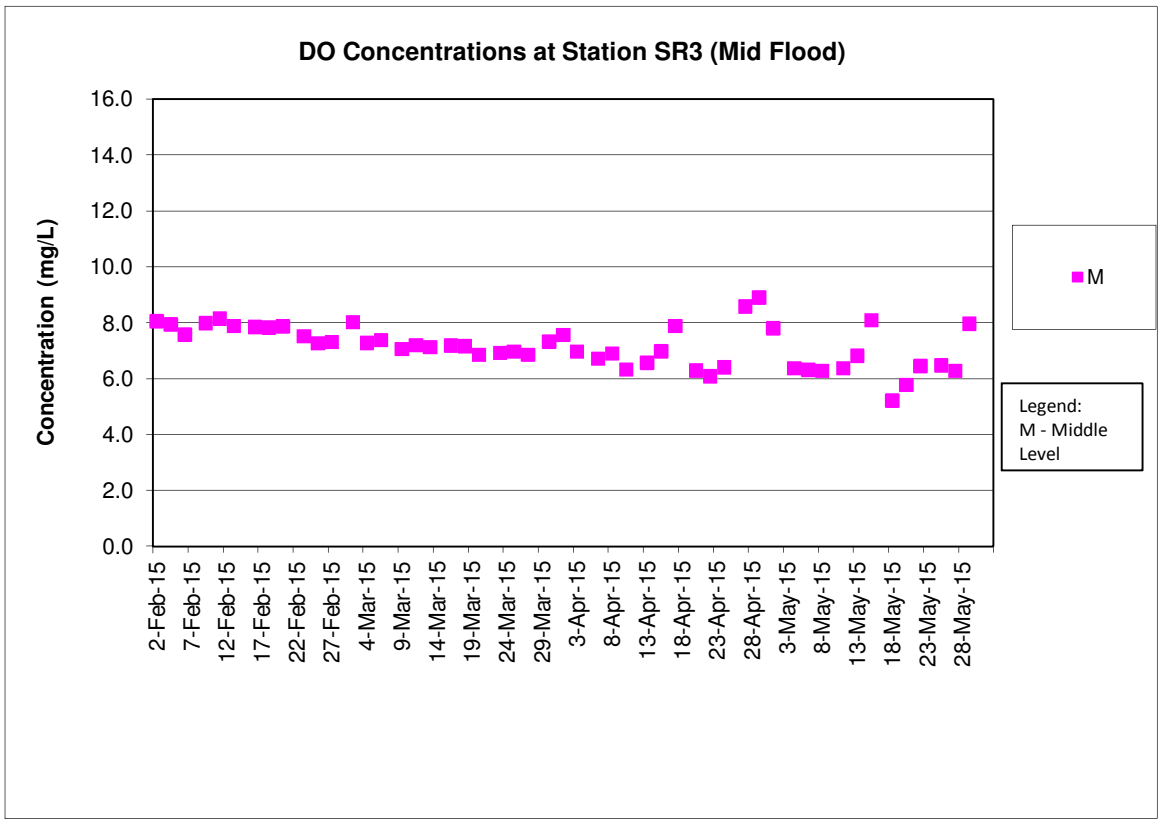

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

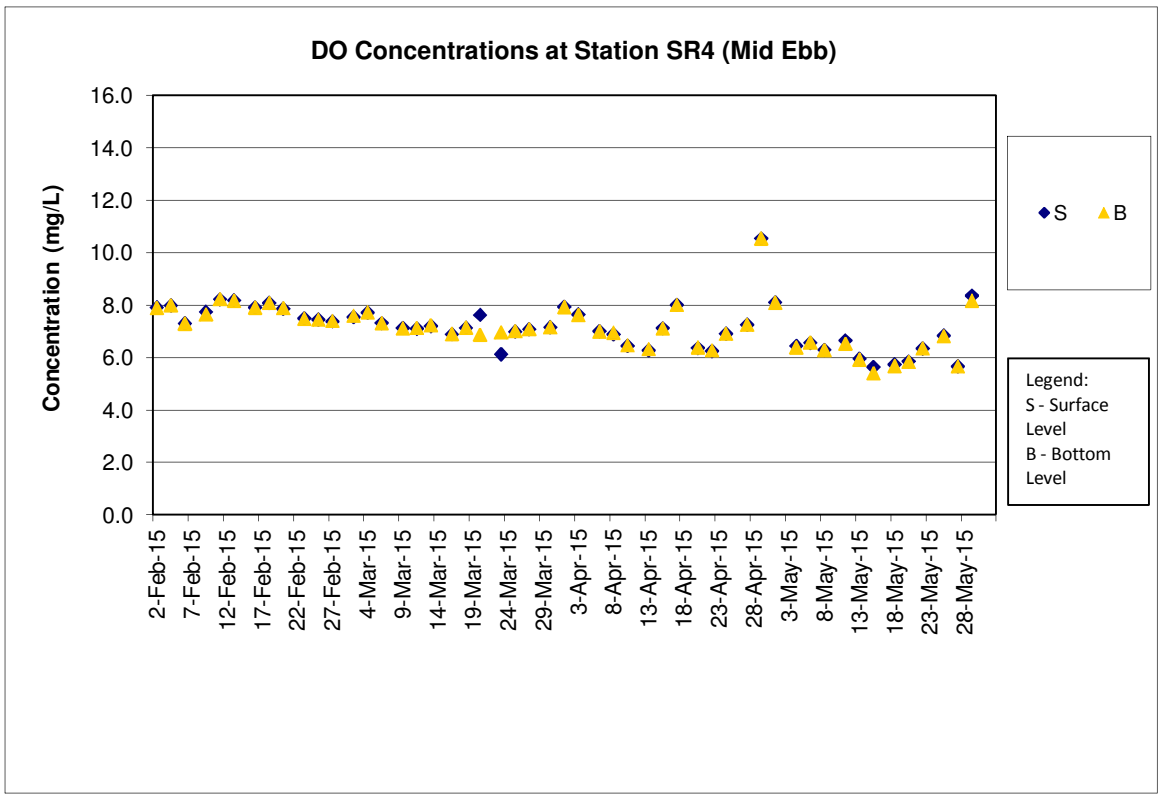

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

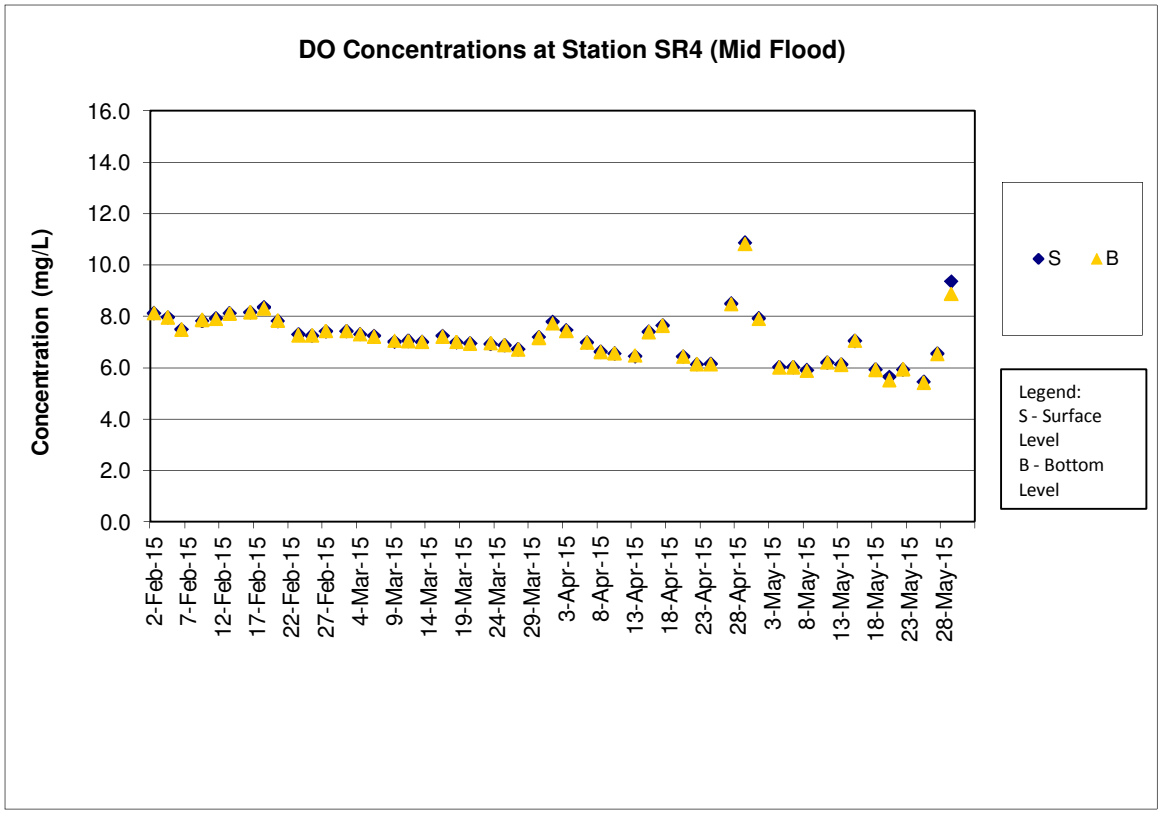

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

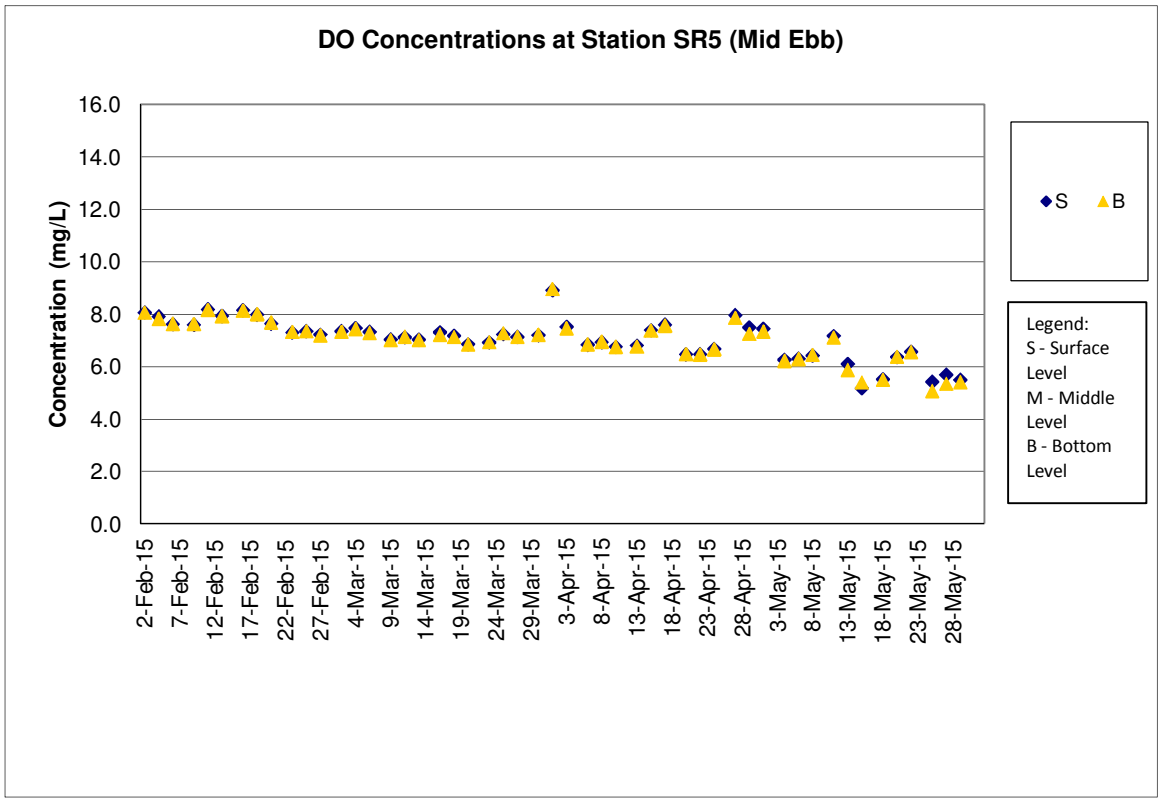

DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

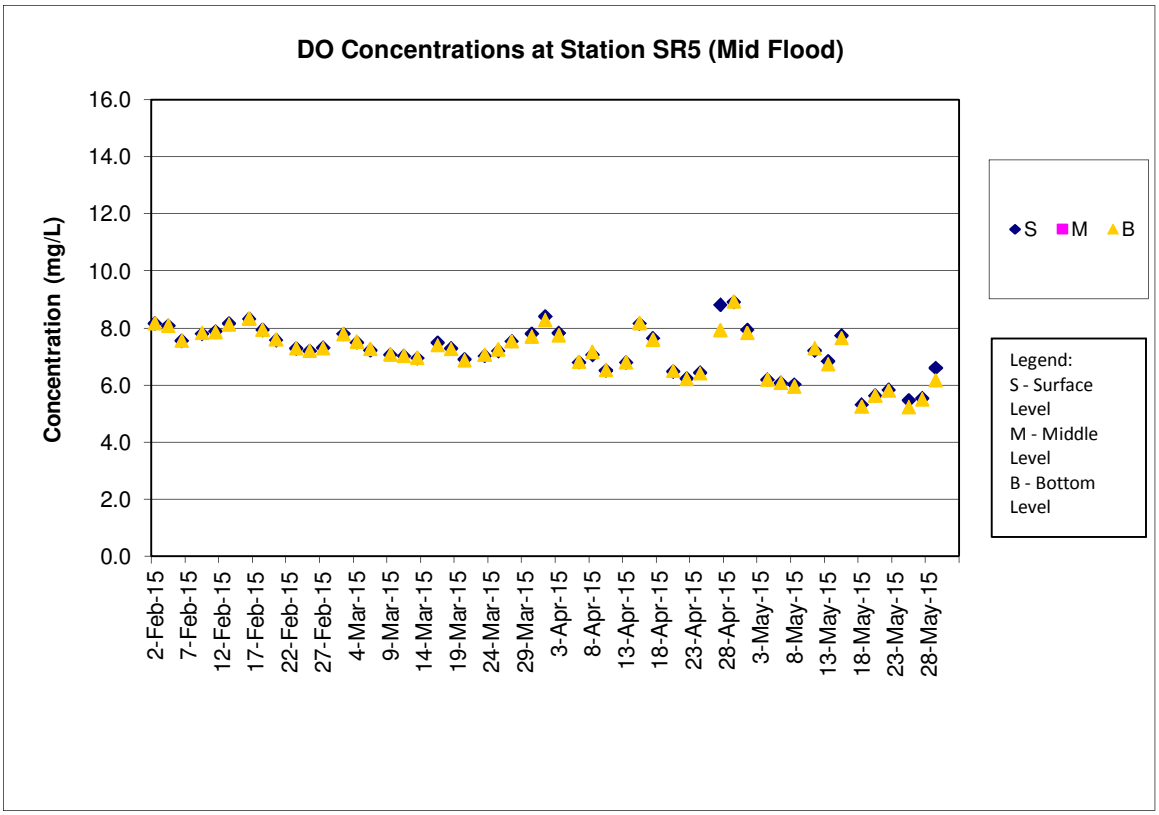

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle Level

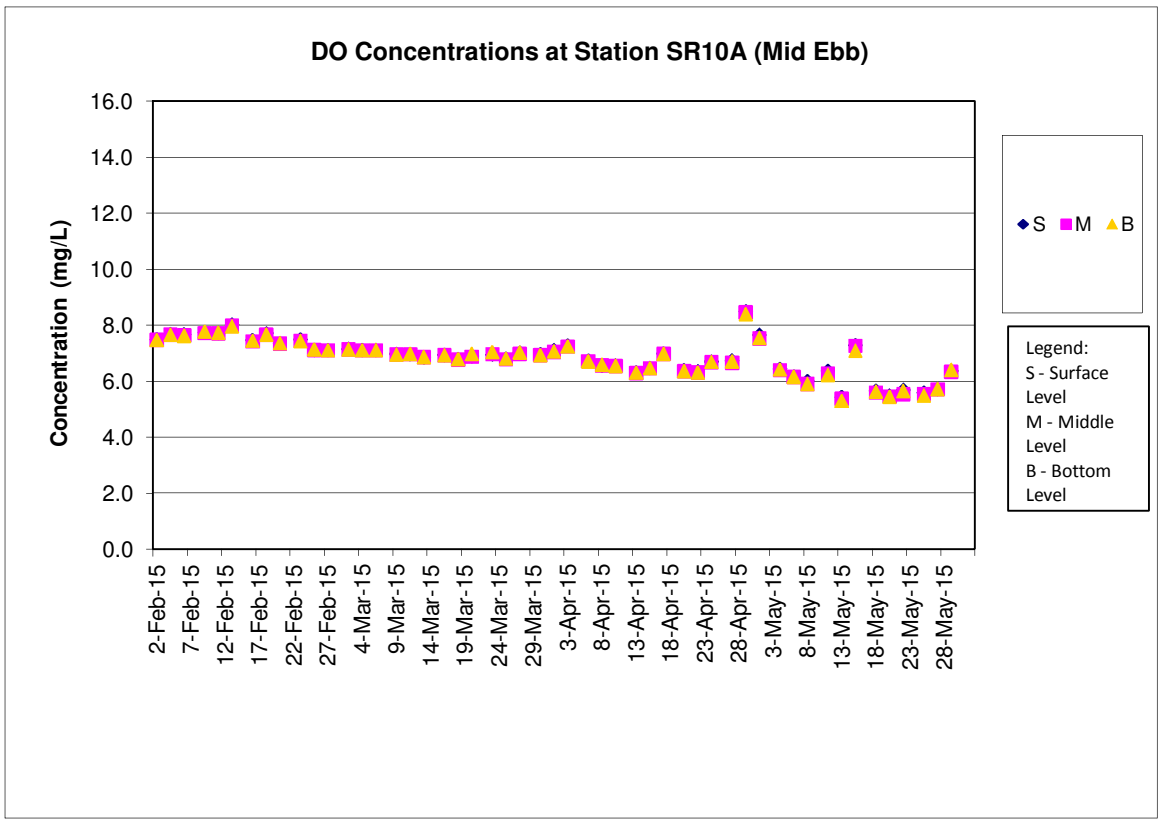

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle Level

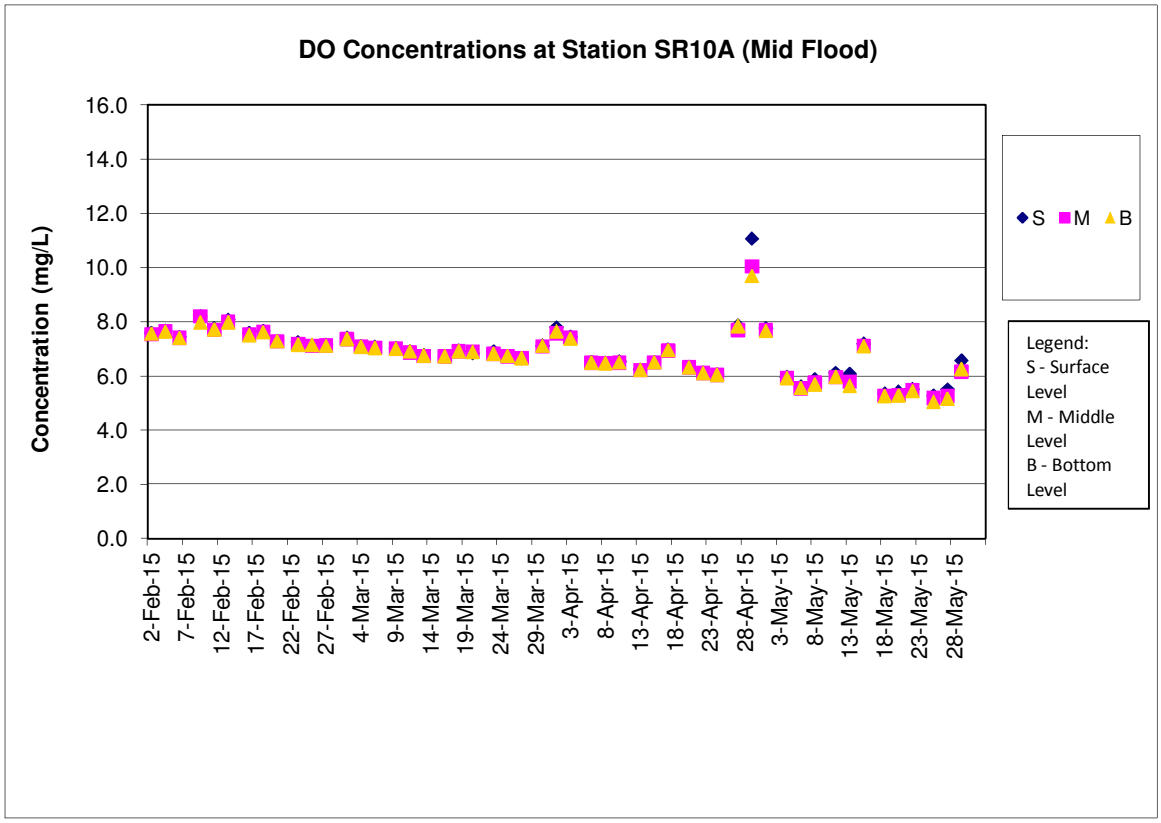

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

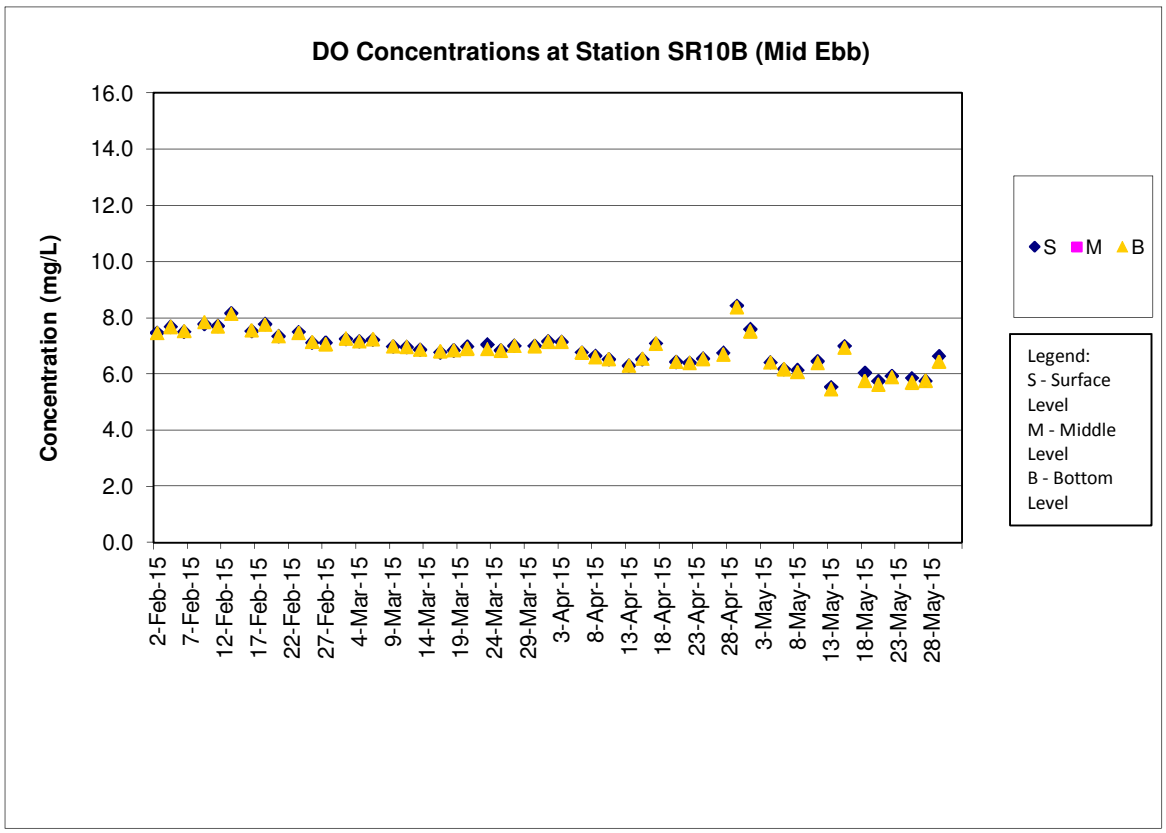

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

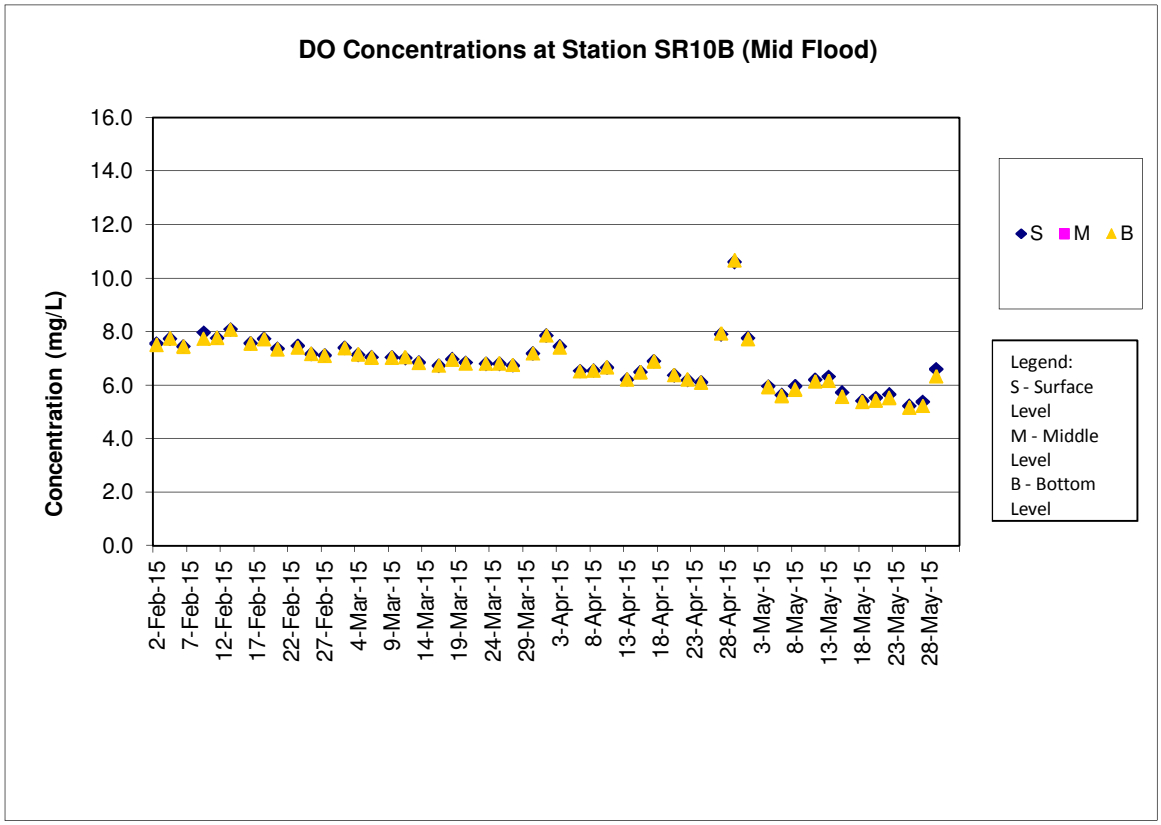

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

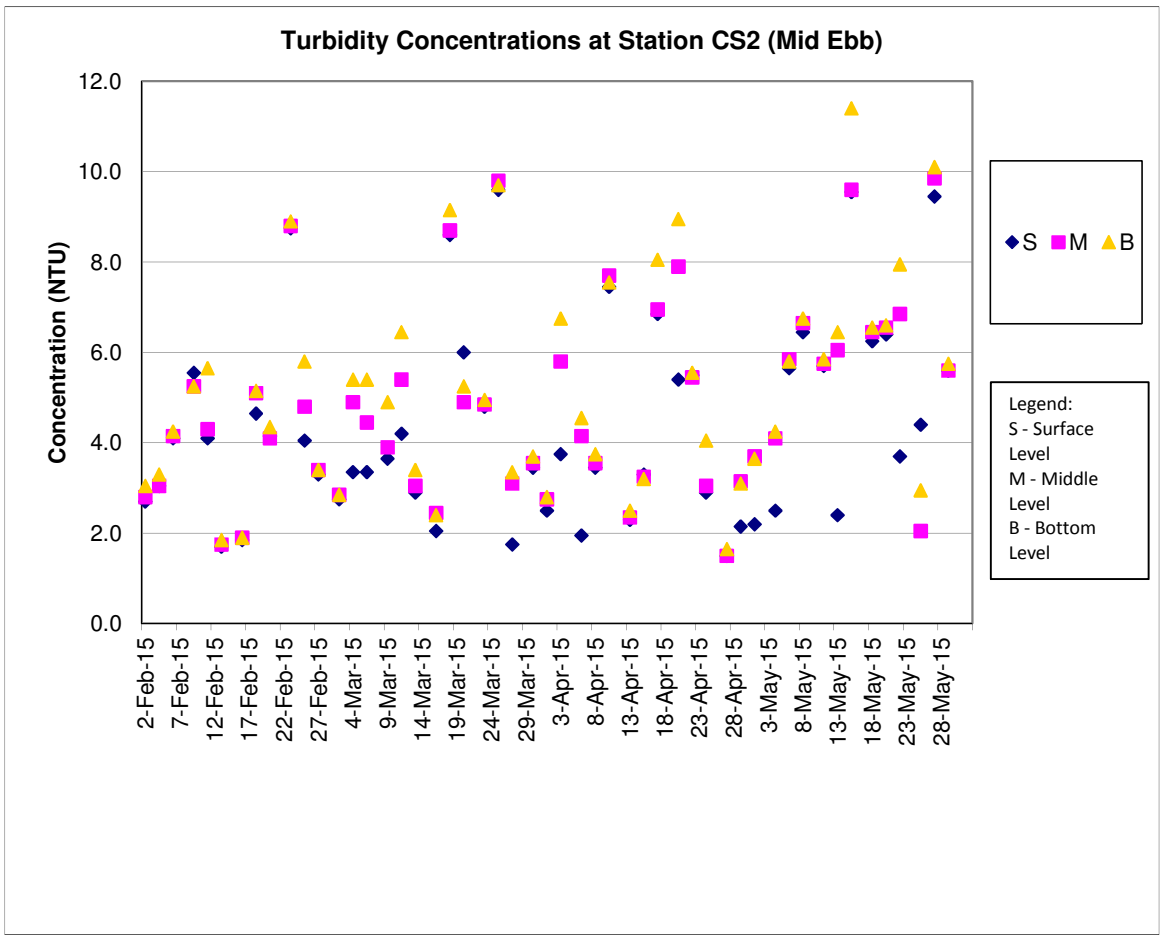

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

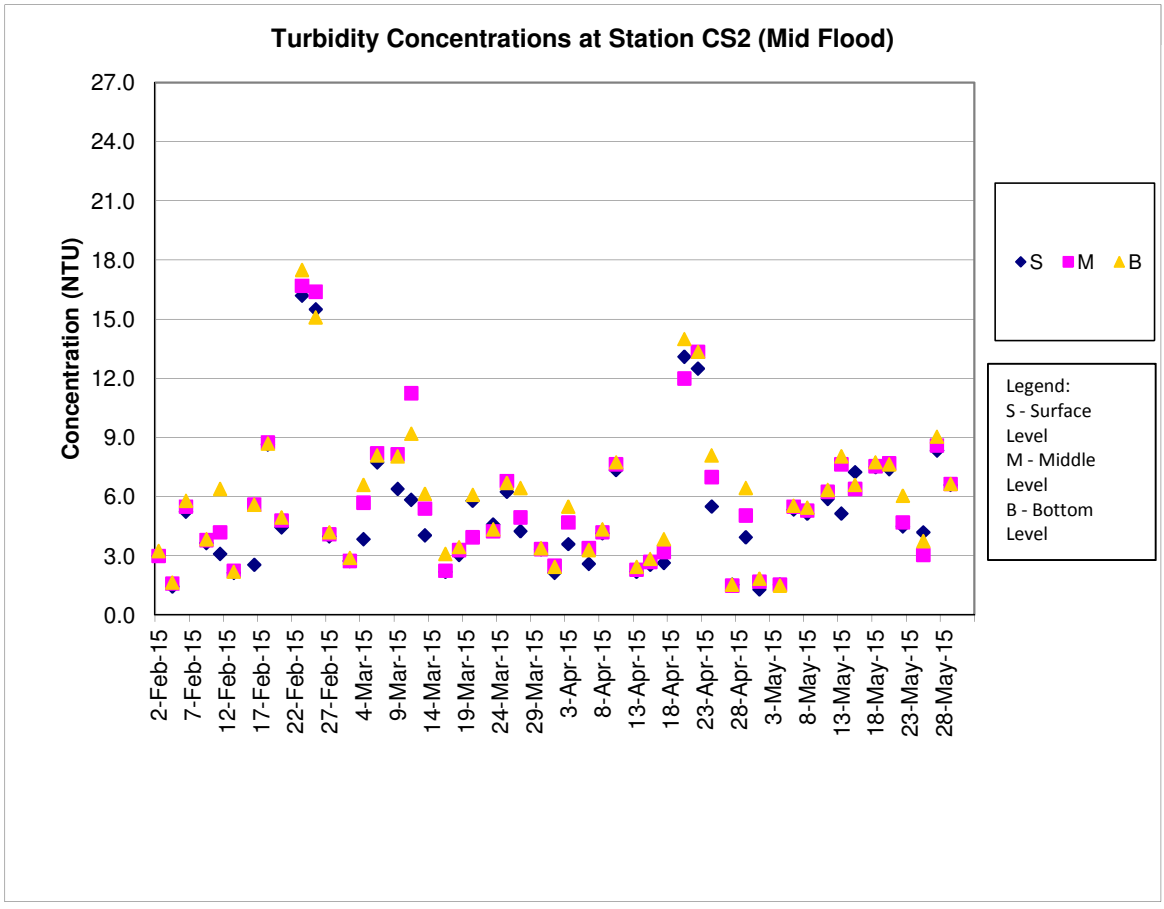

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

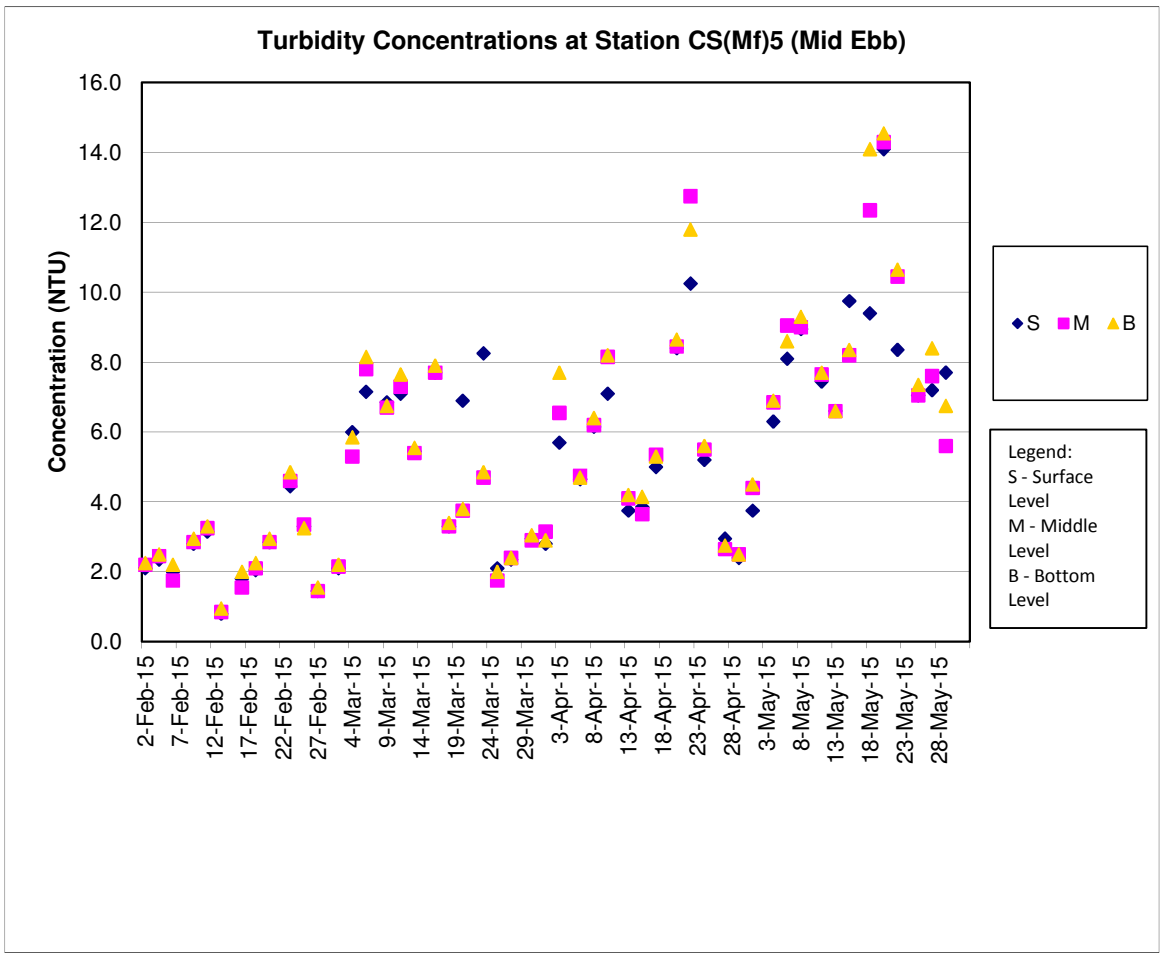

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

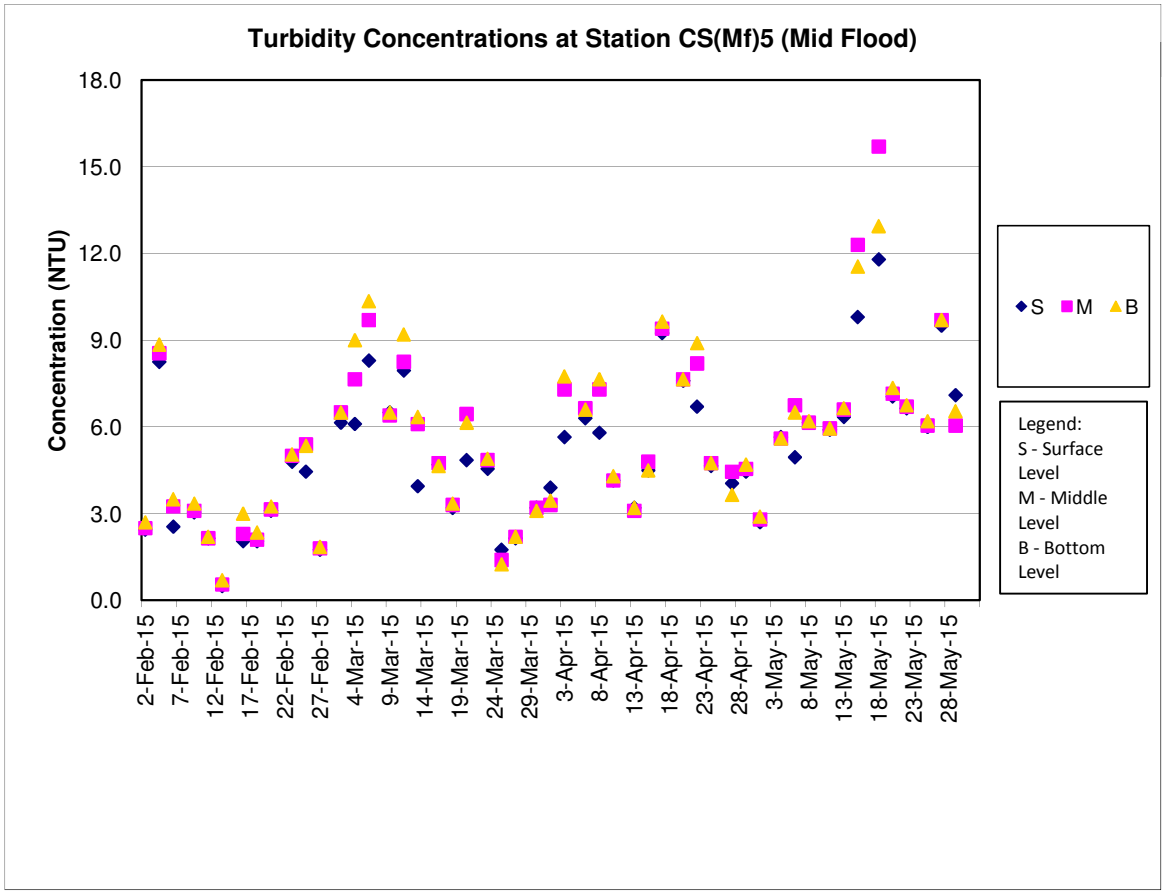

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

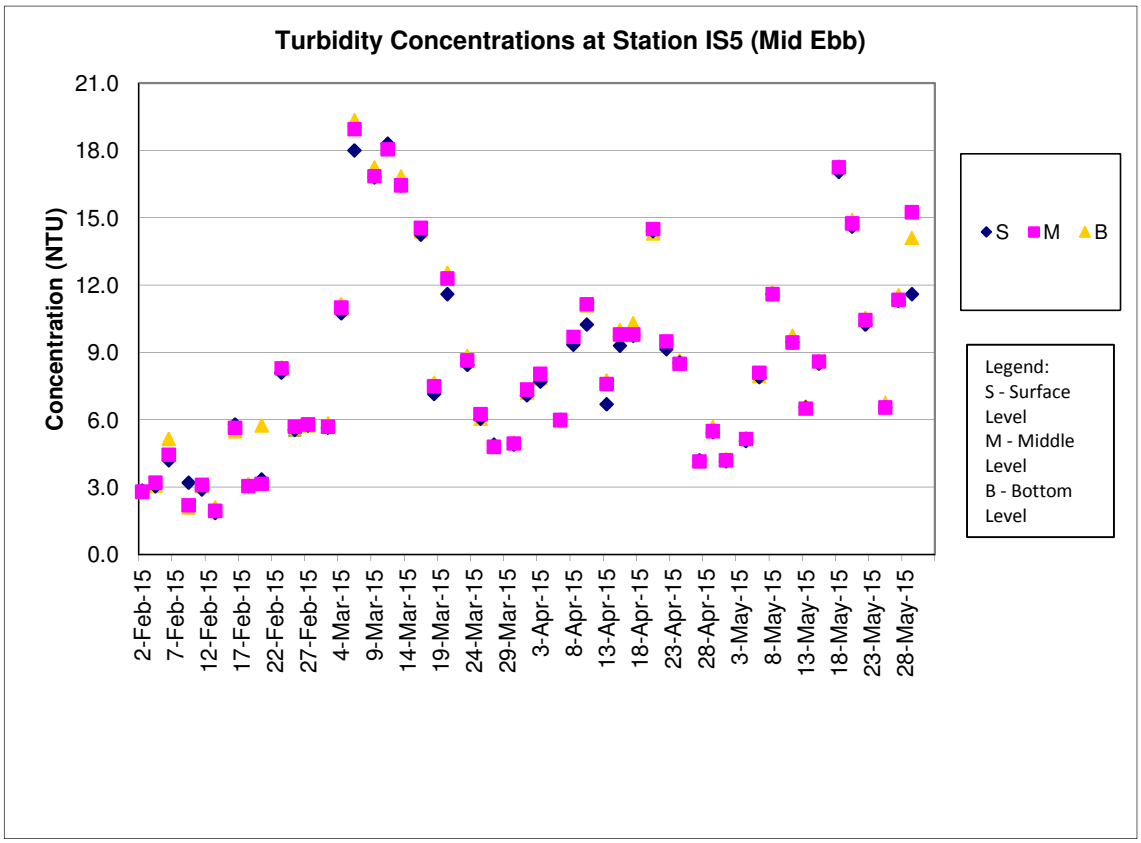

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

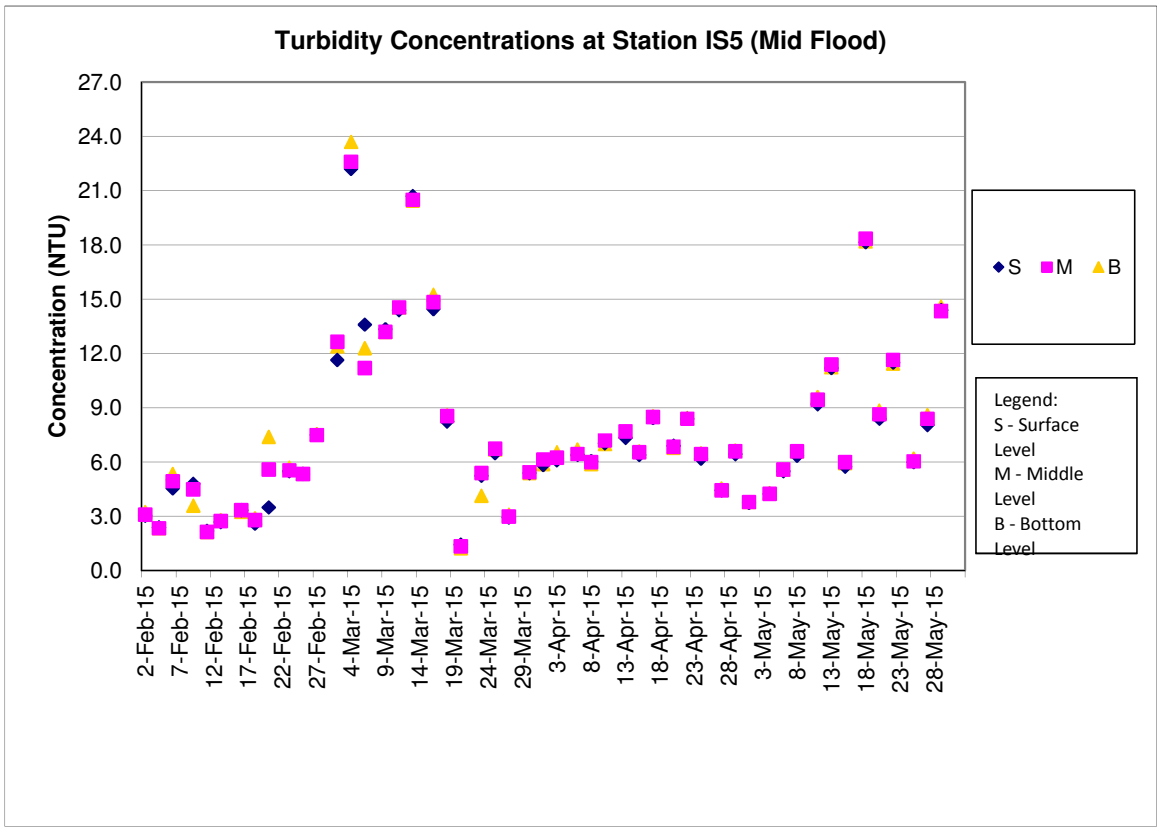

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

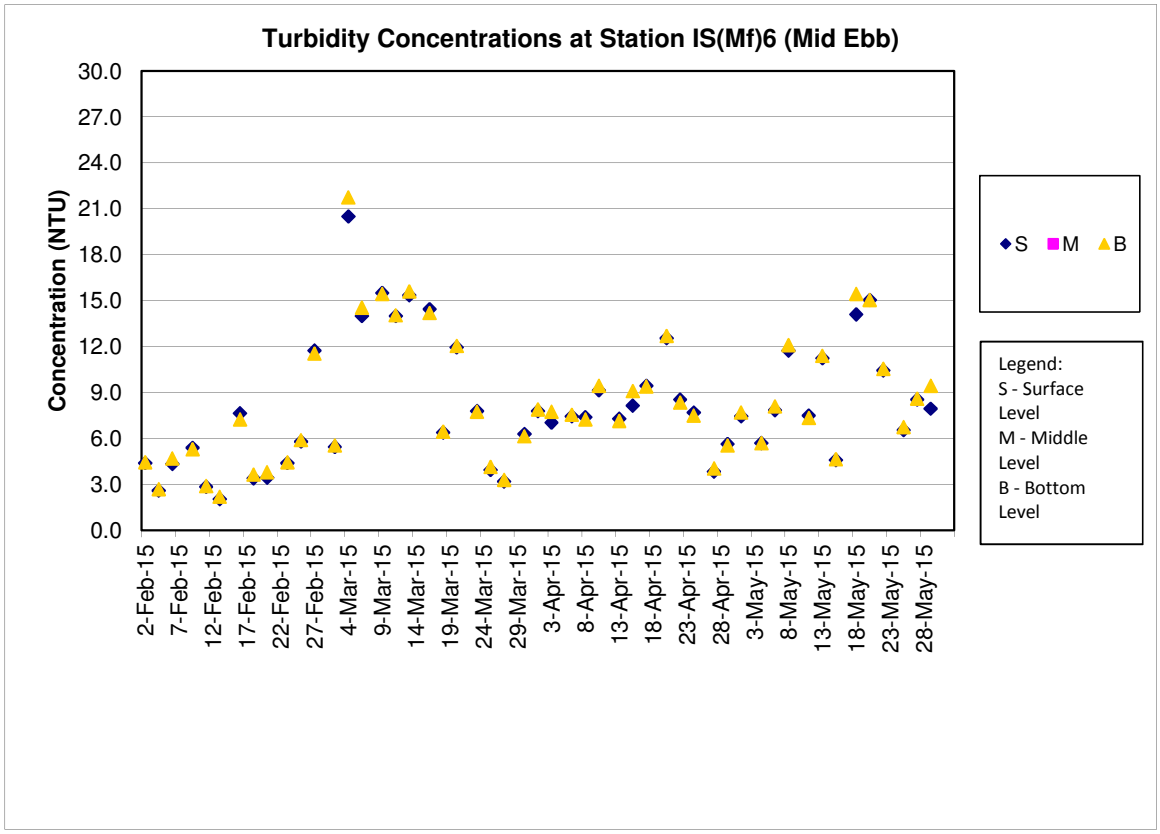

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

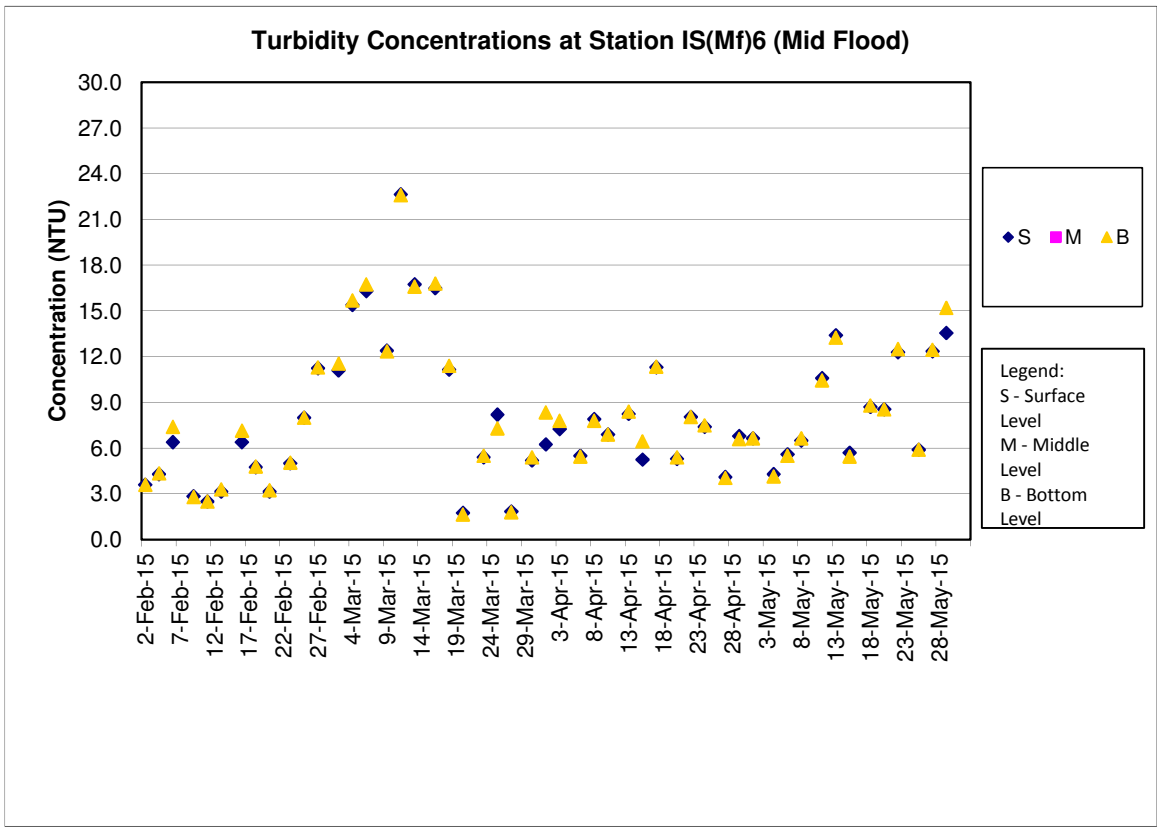

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

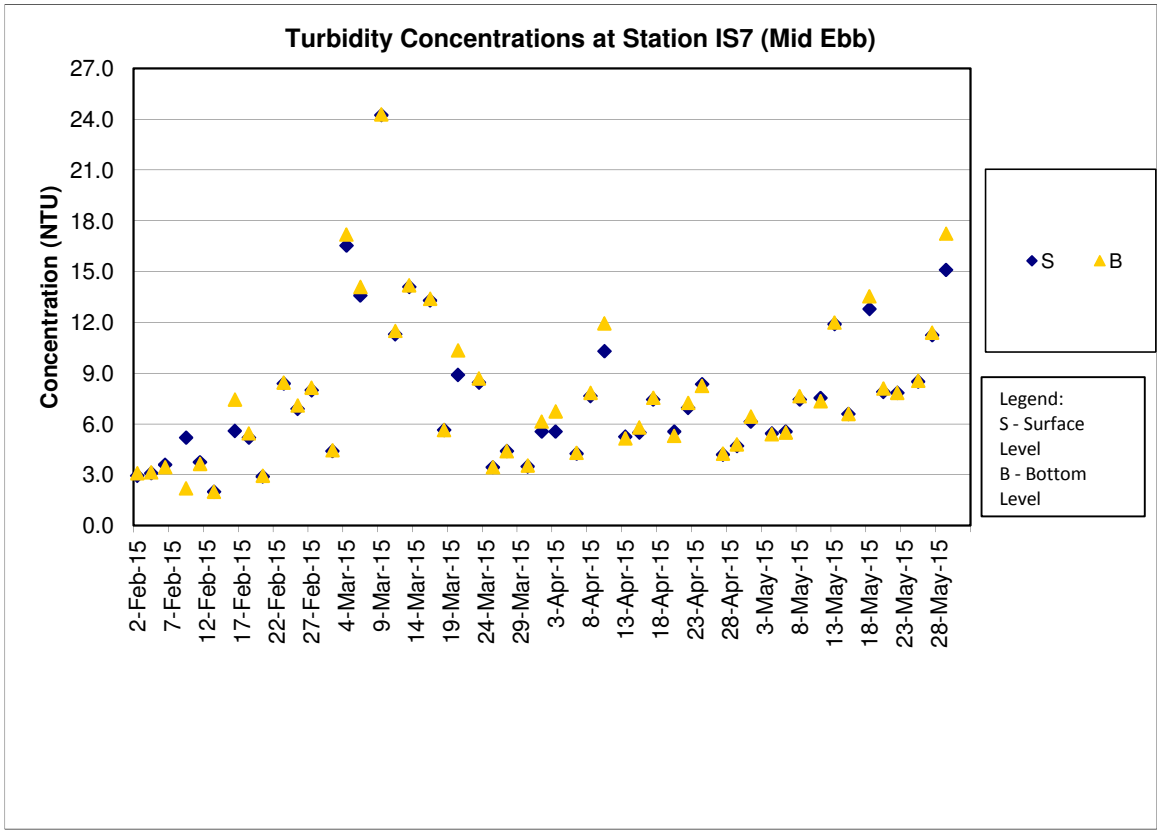

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

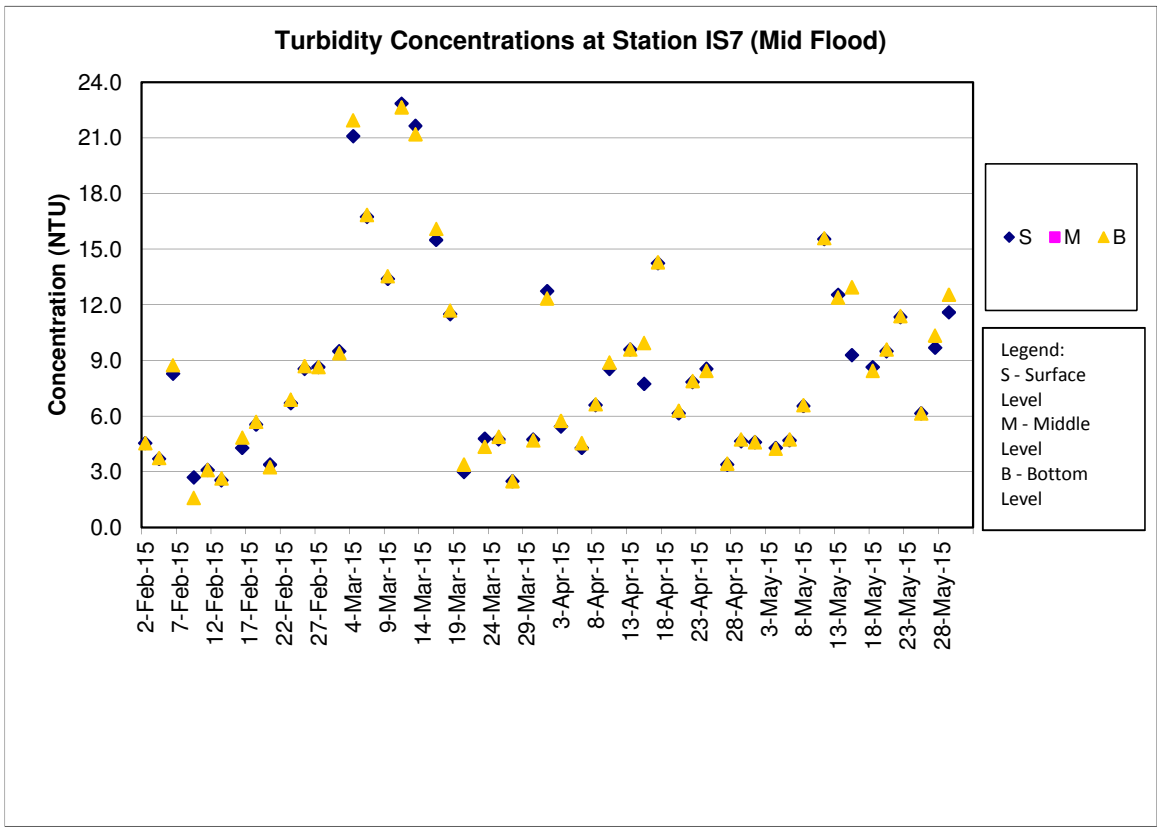

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

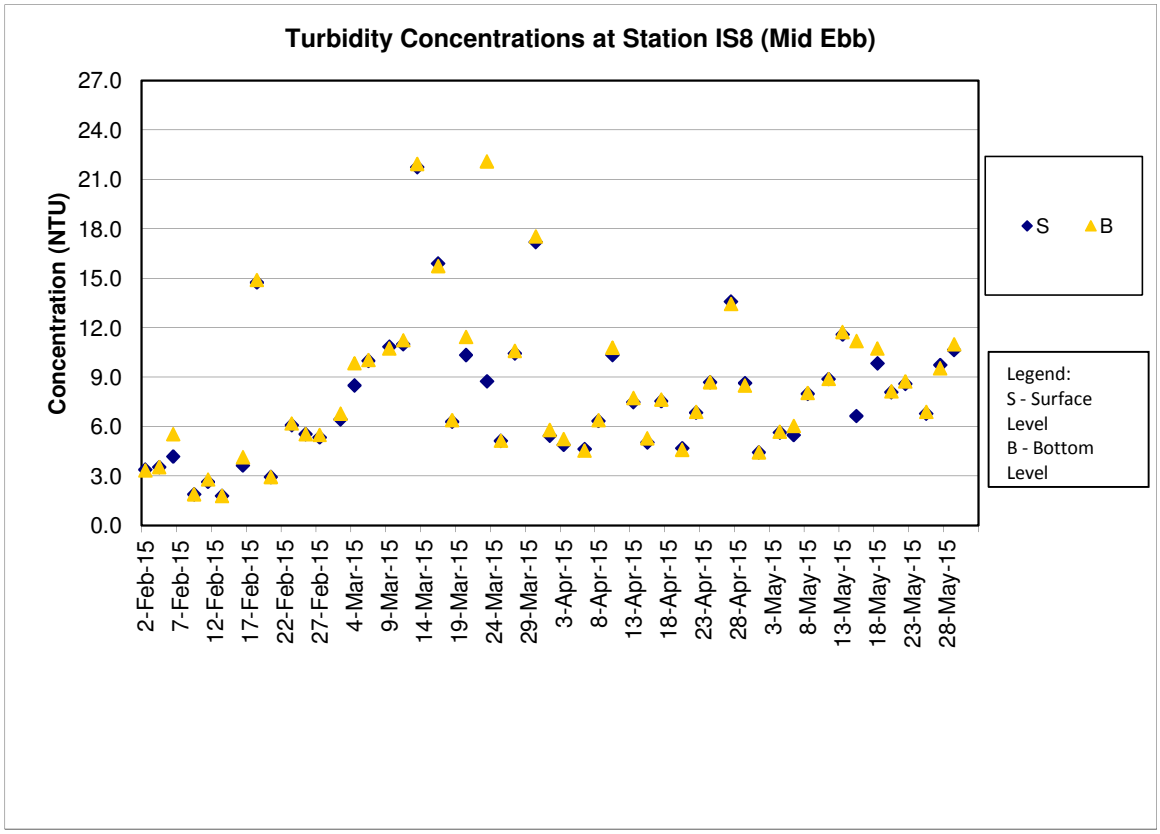

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

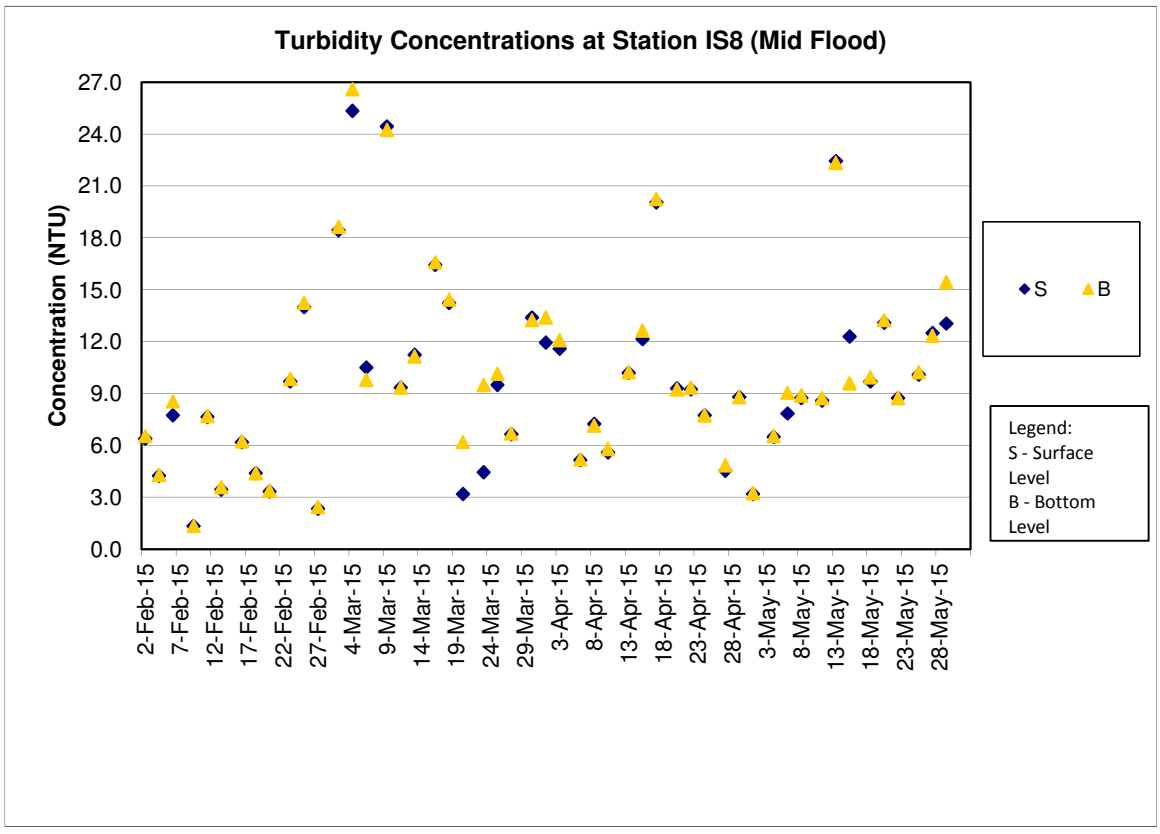

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

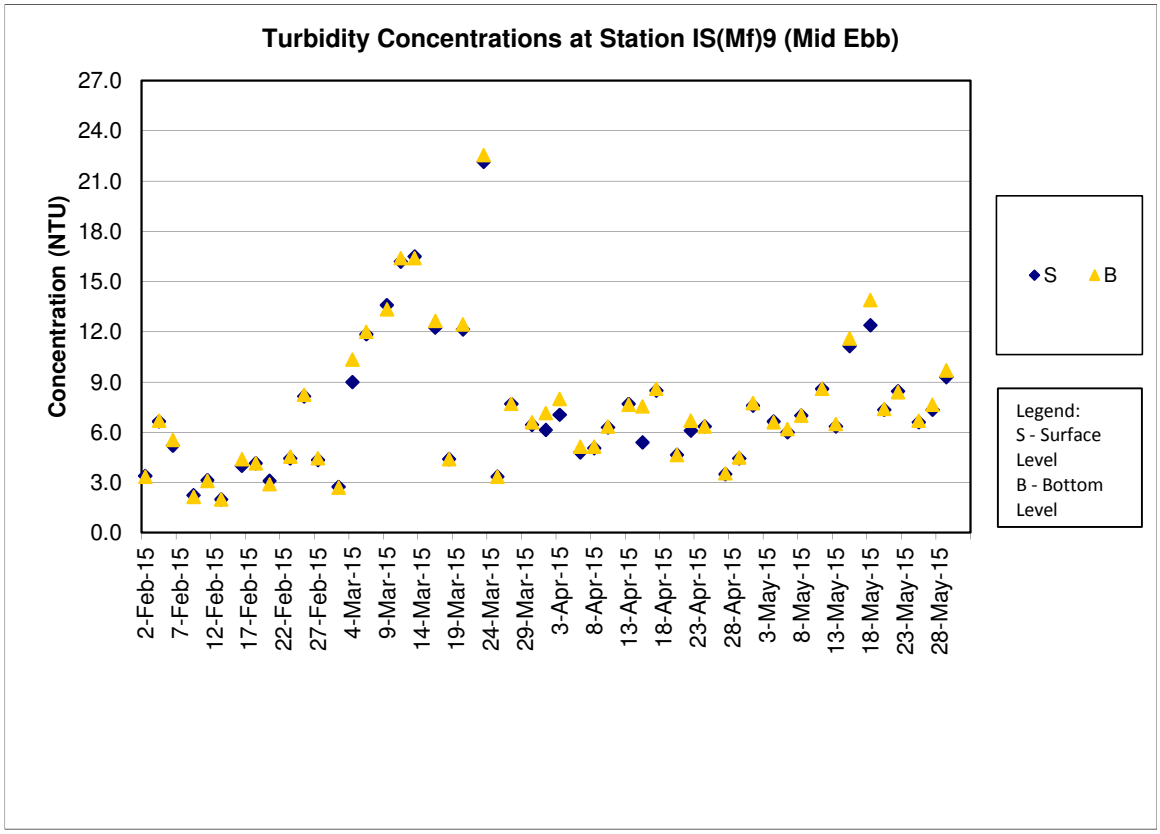

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

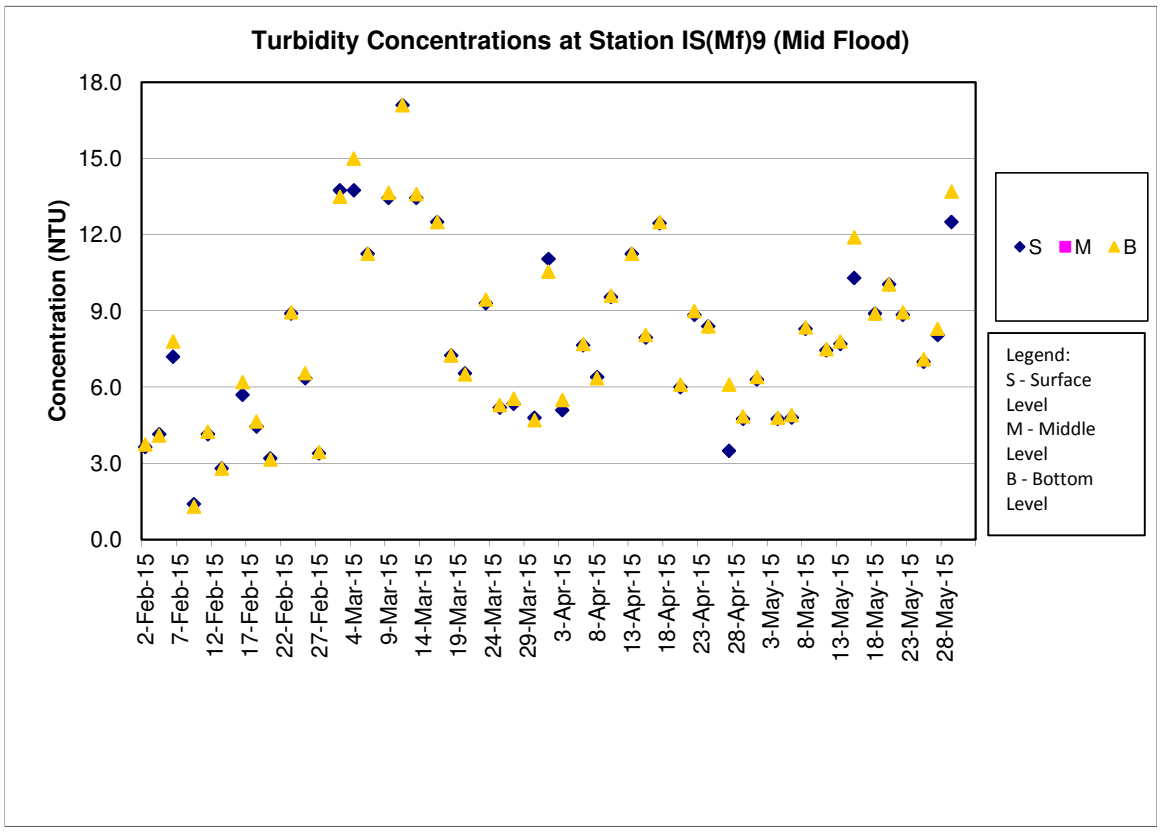

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

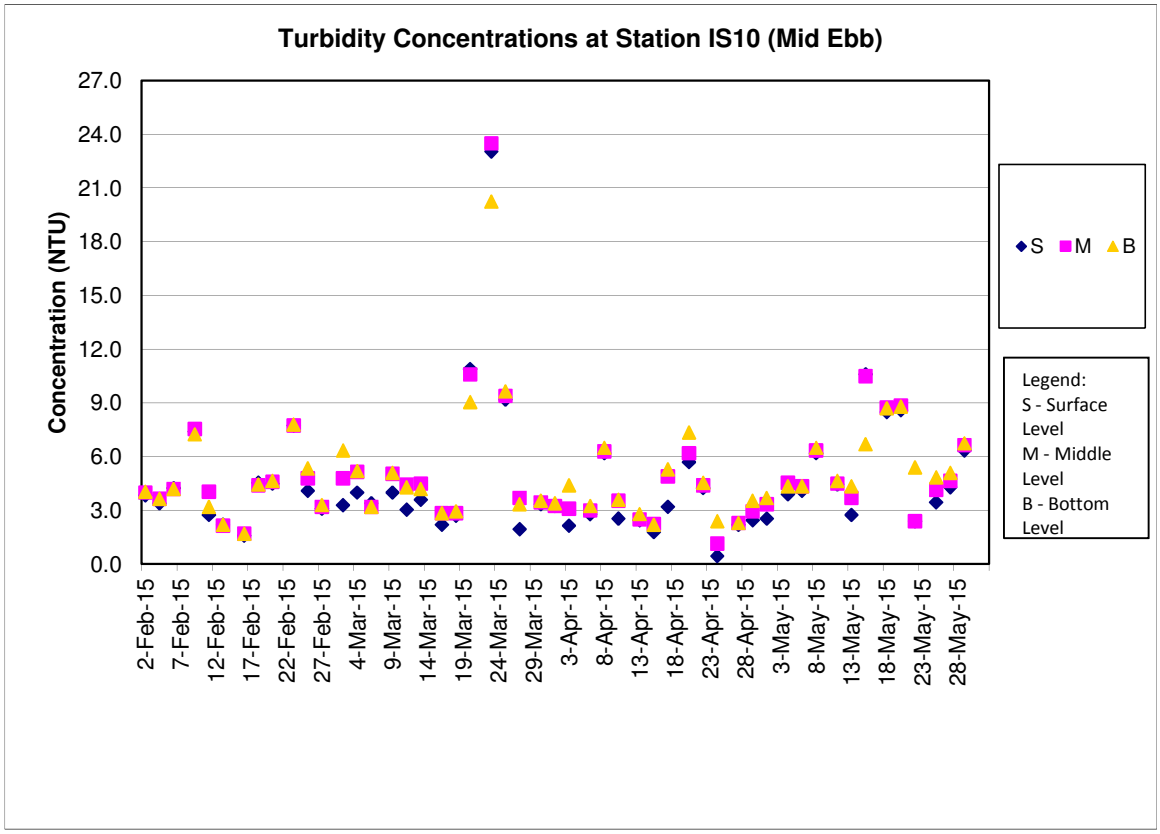

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

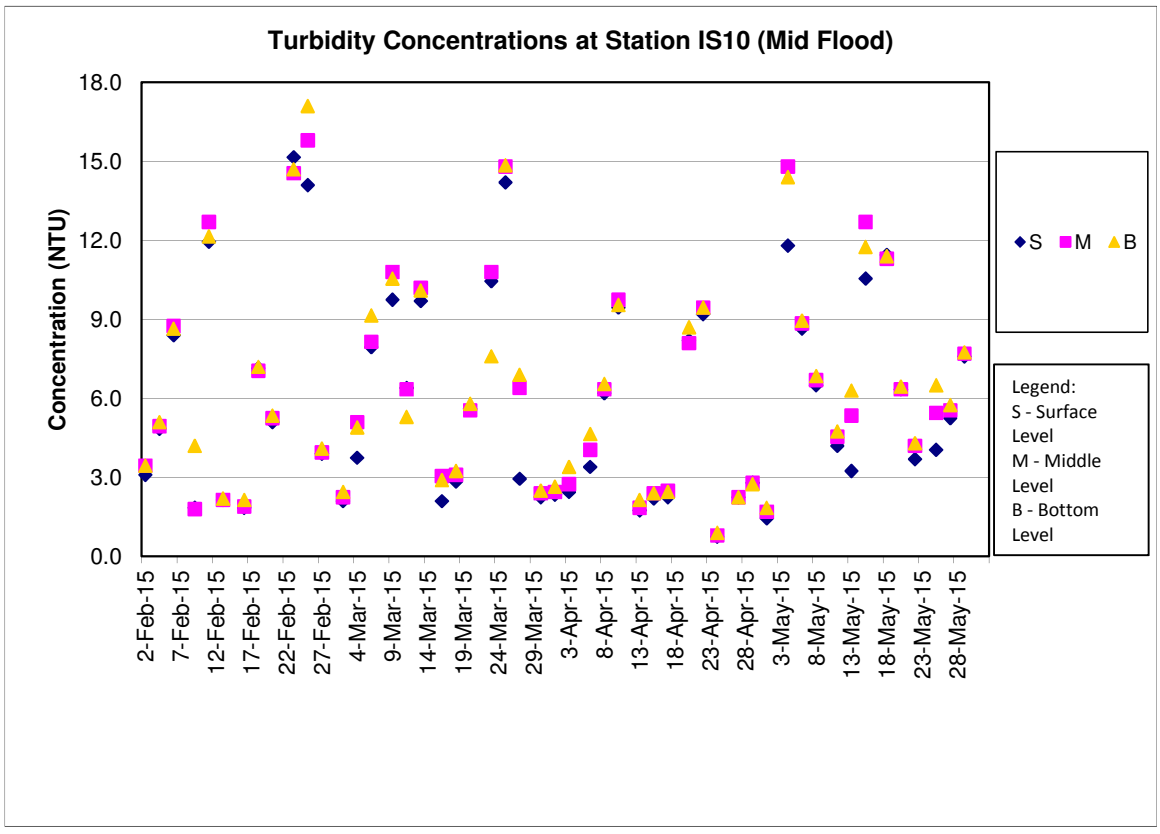

Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

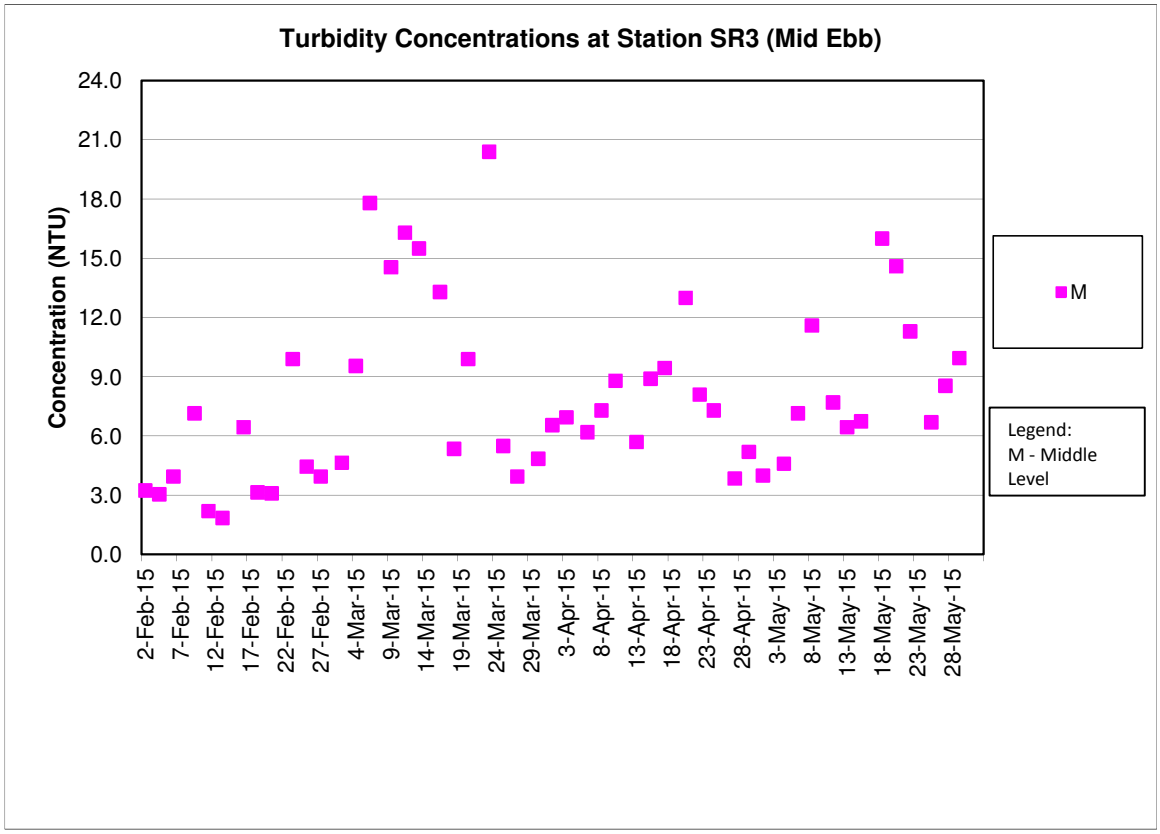

Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

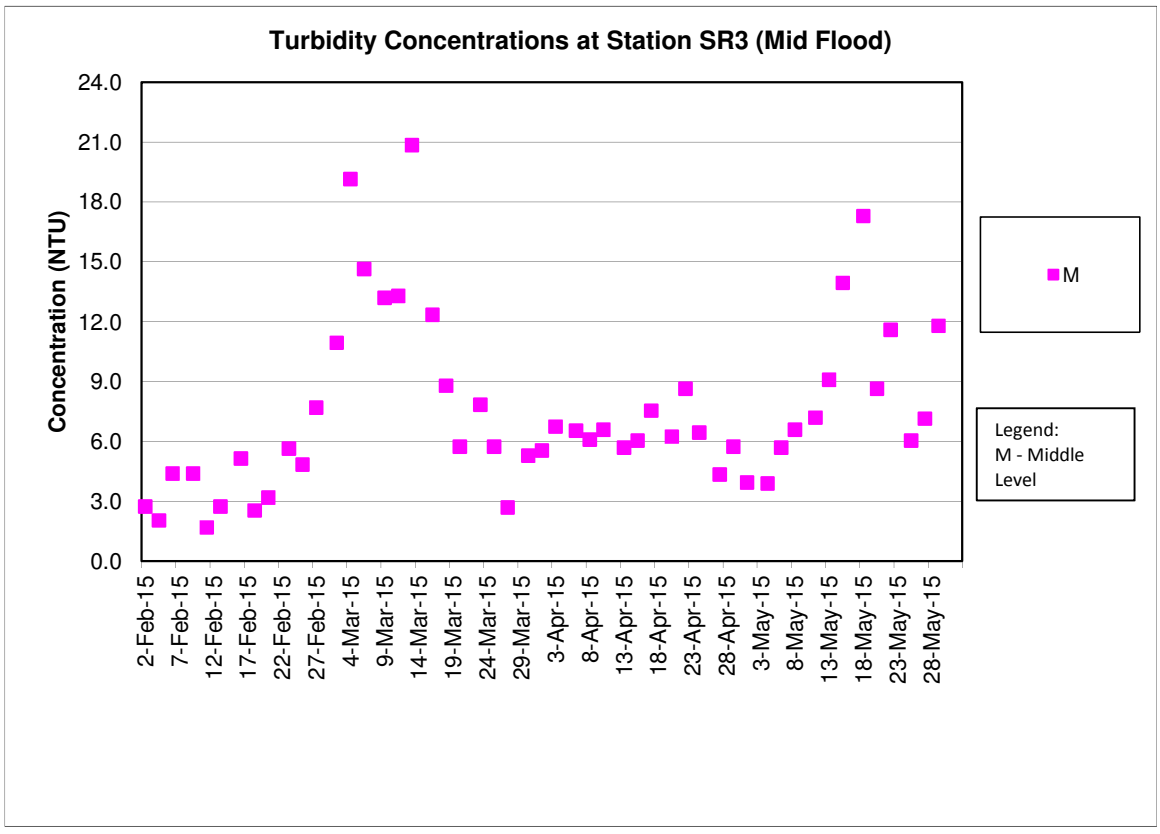

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

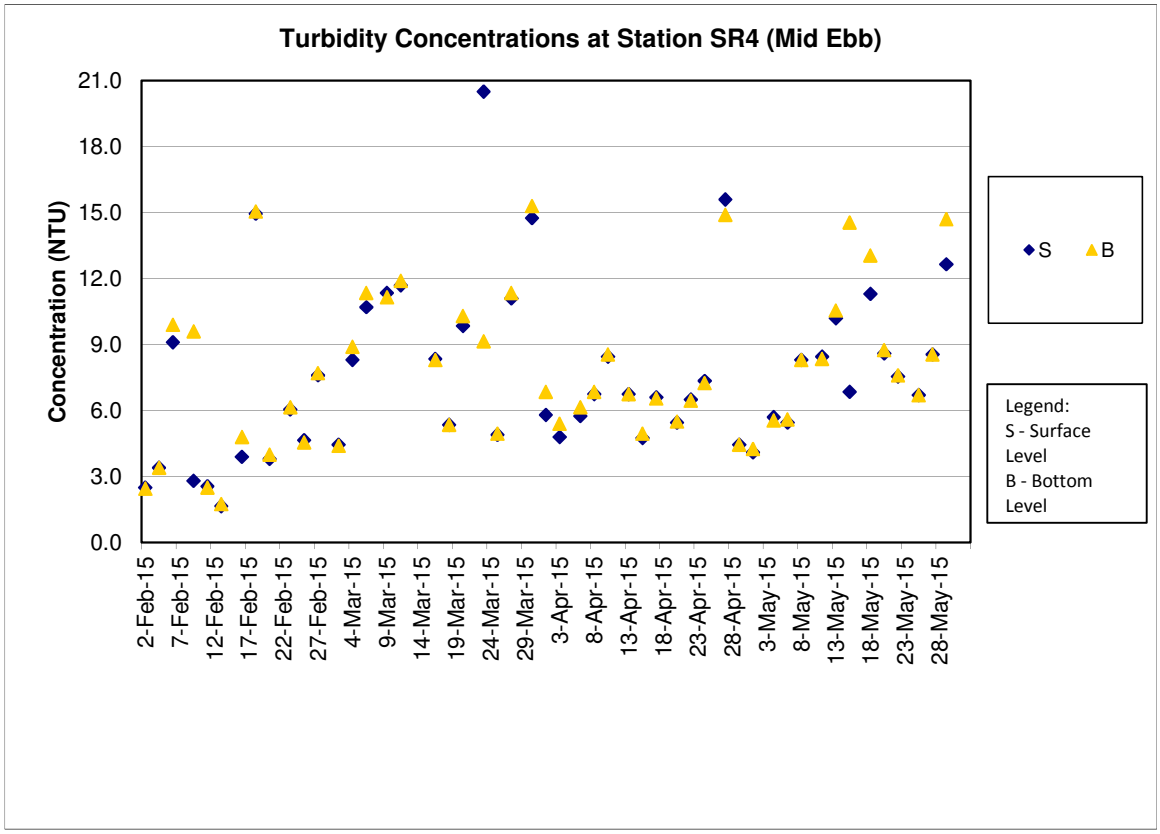

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

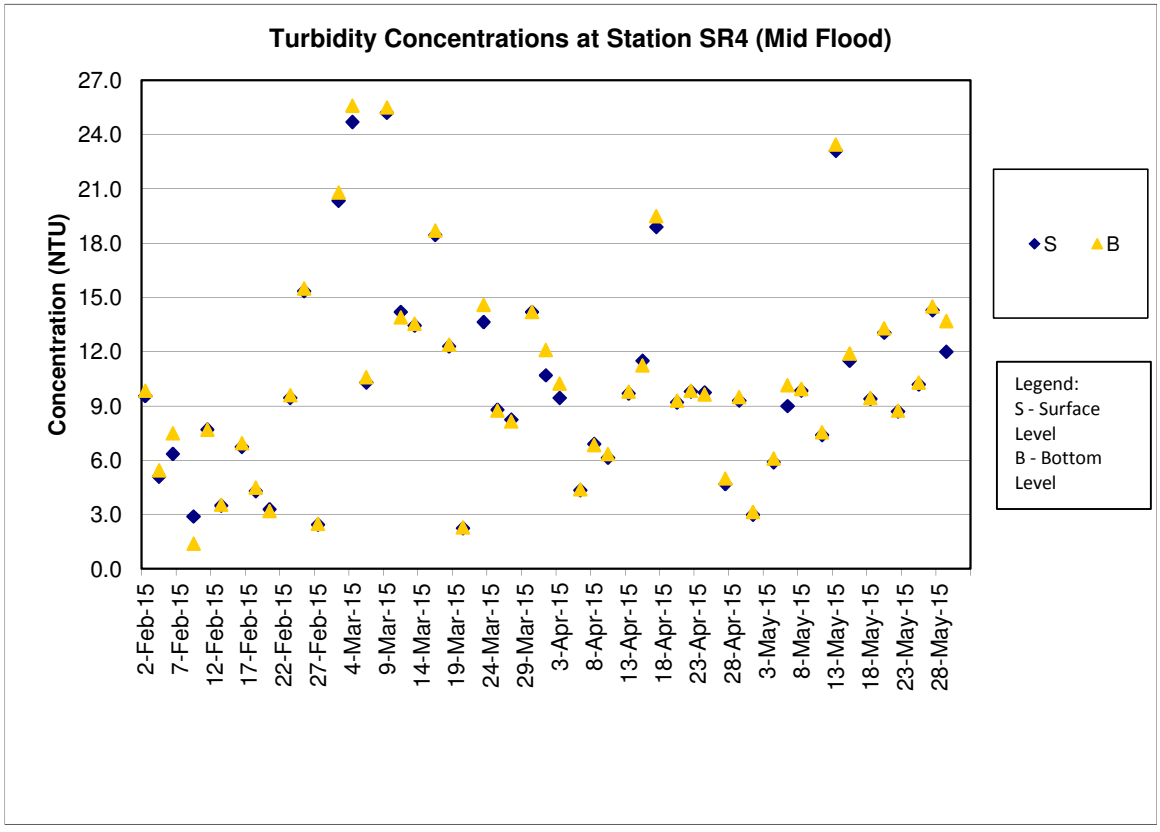

Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

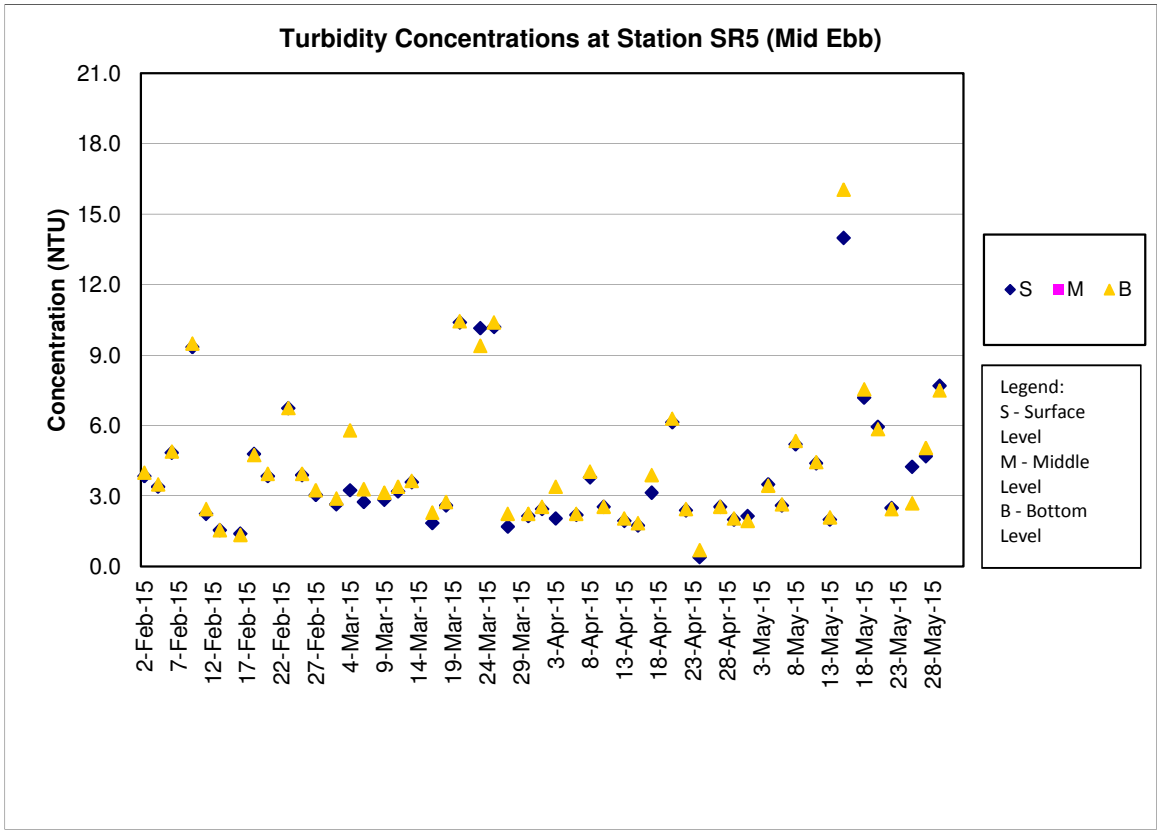

Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

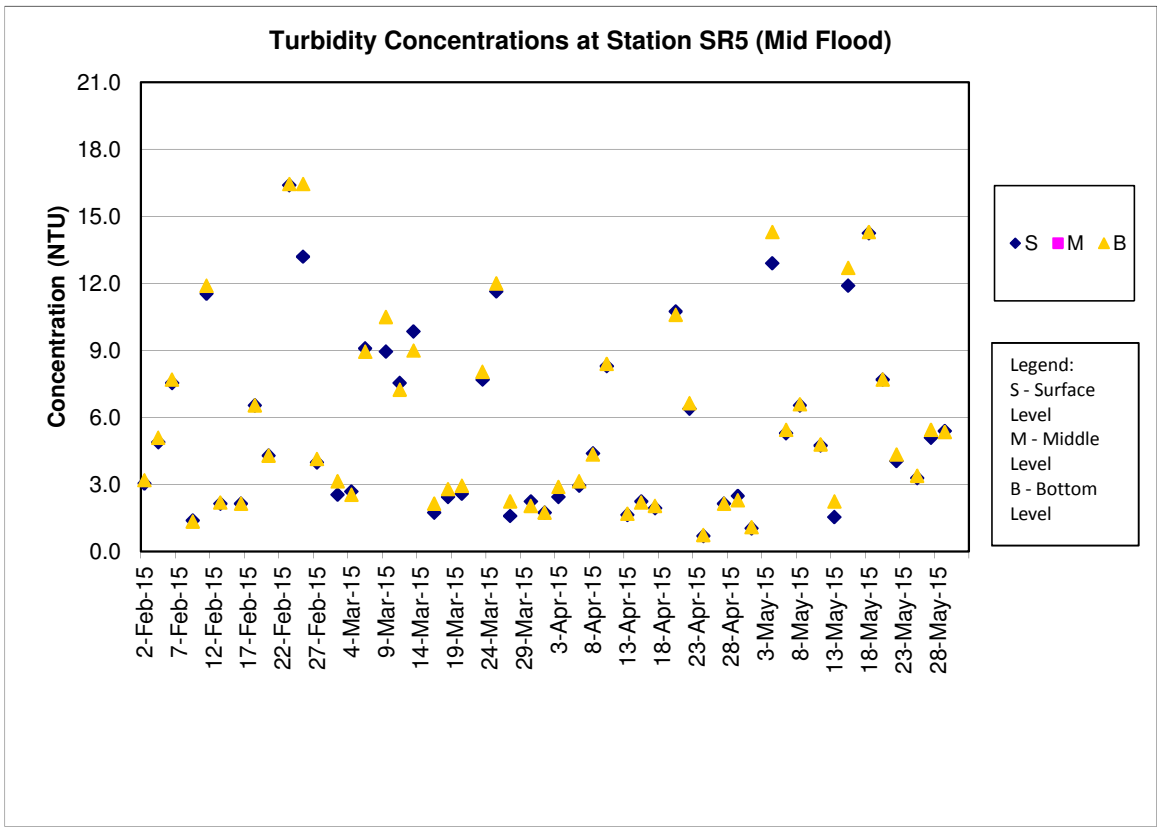

Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle
Level

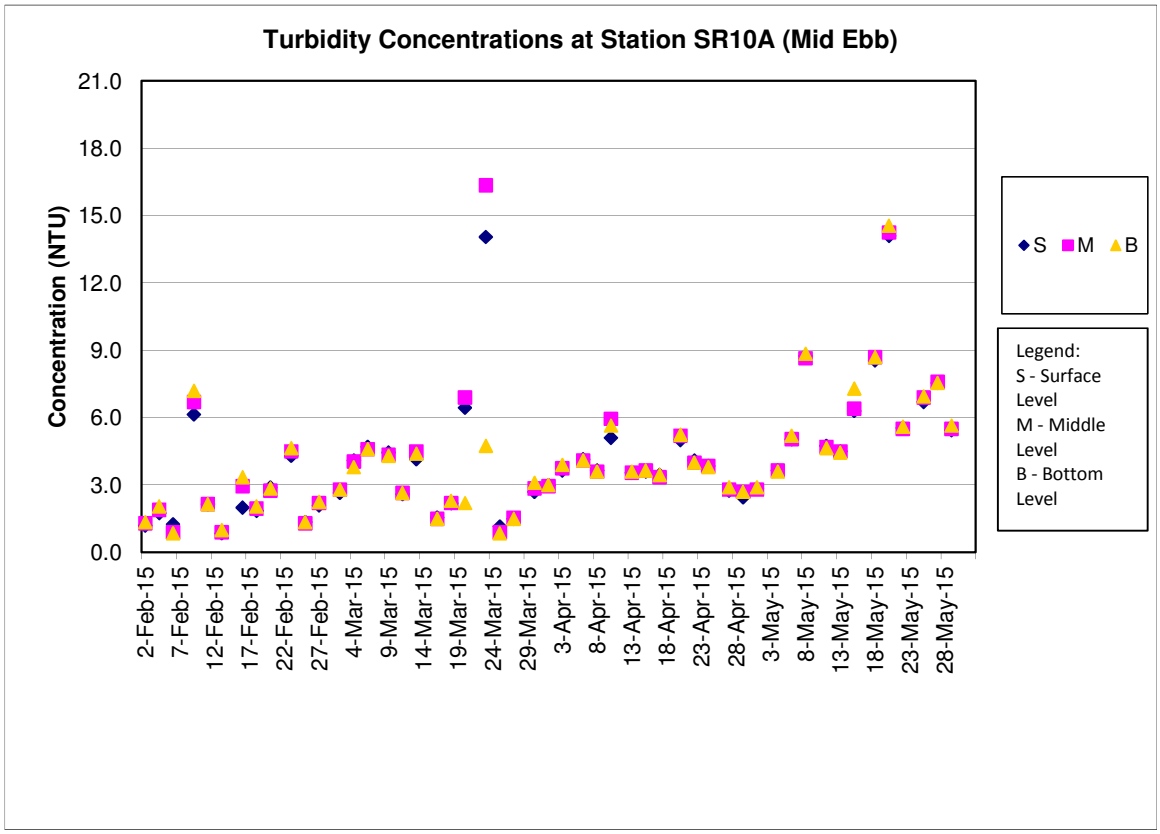

Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle
Level

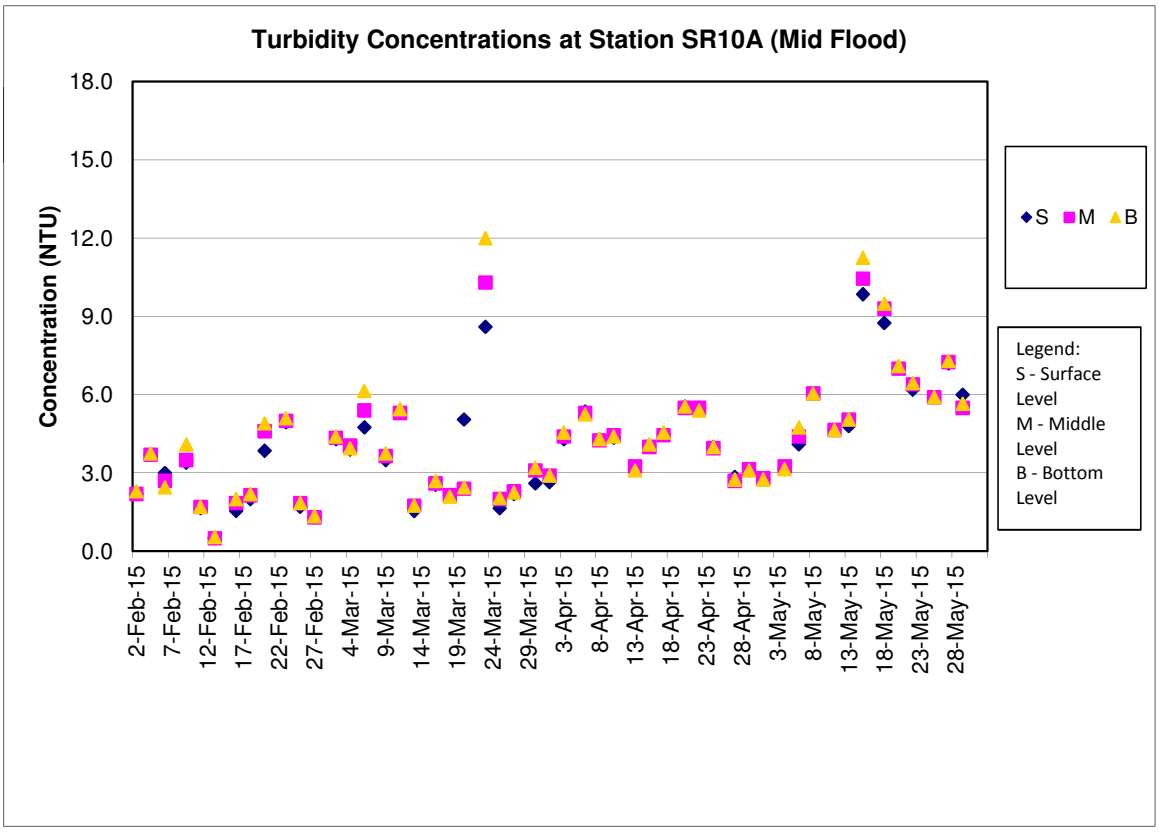

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

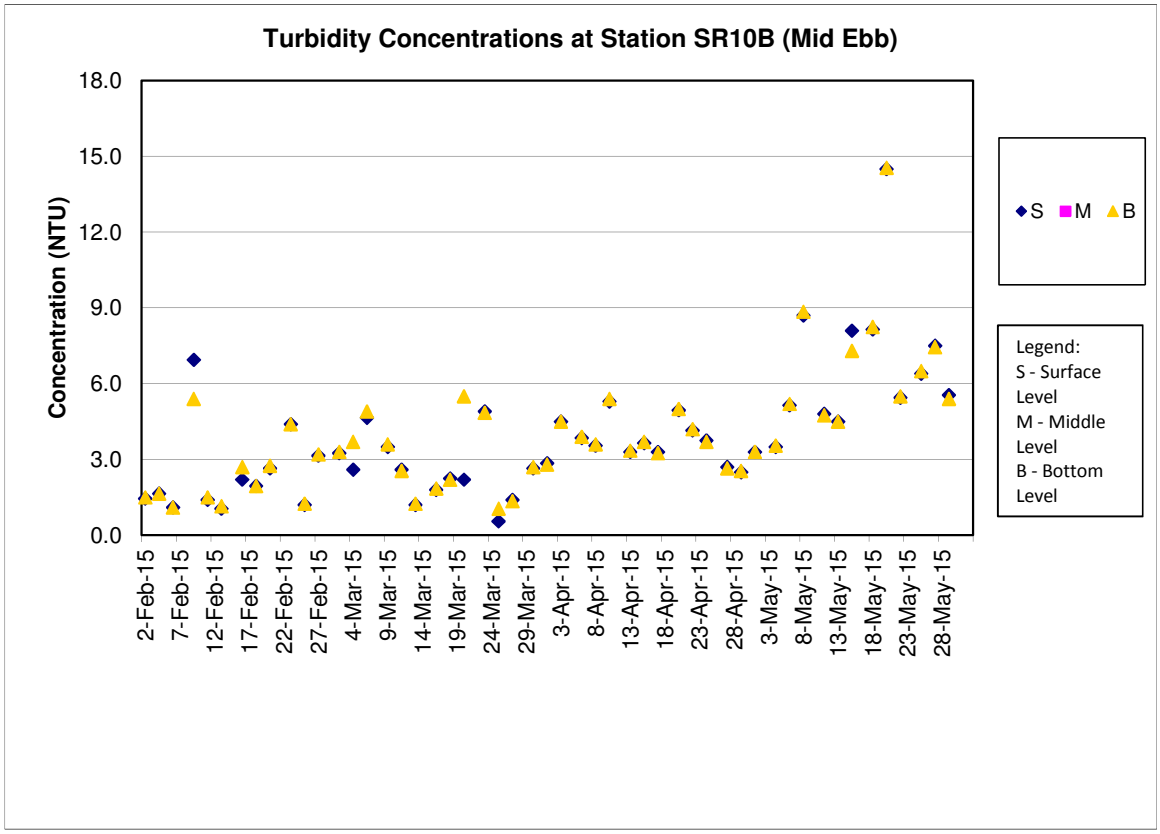

Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

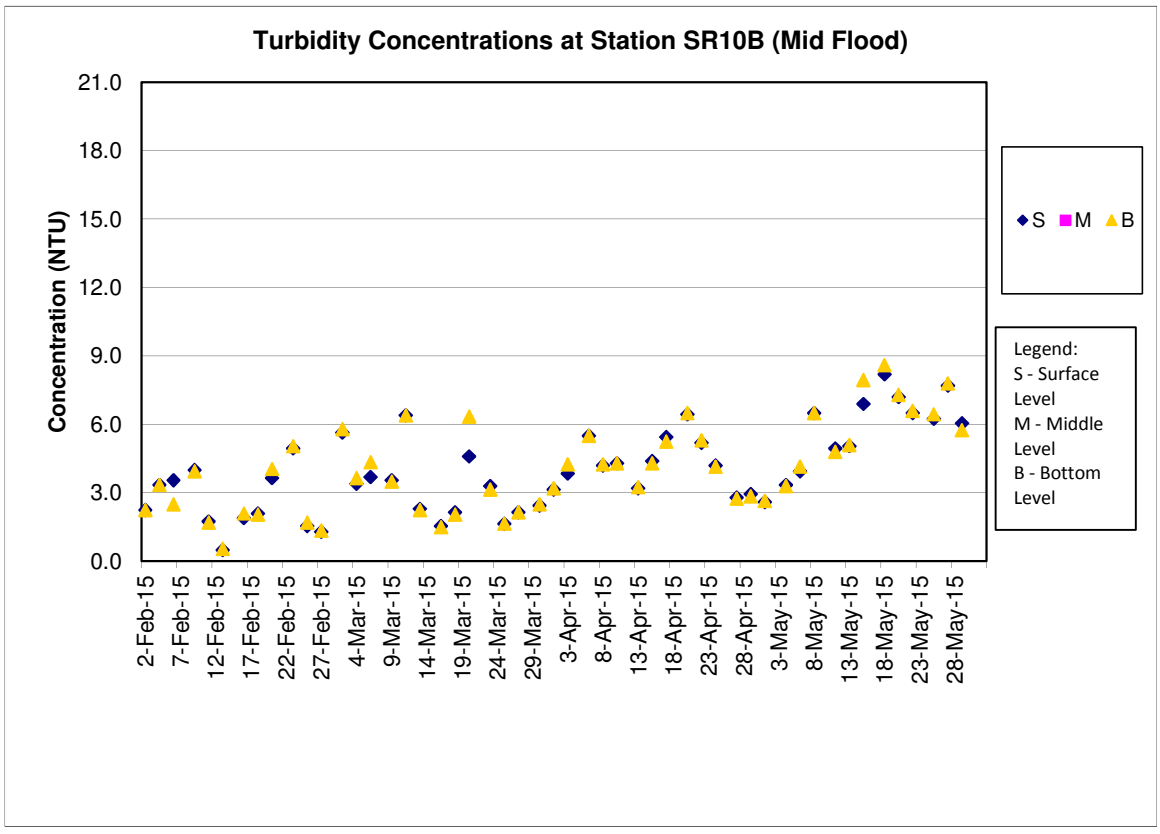

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

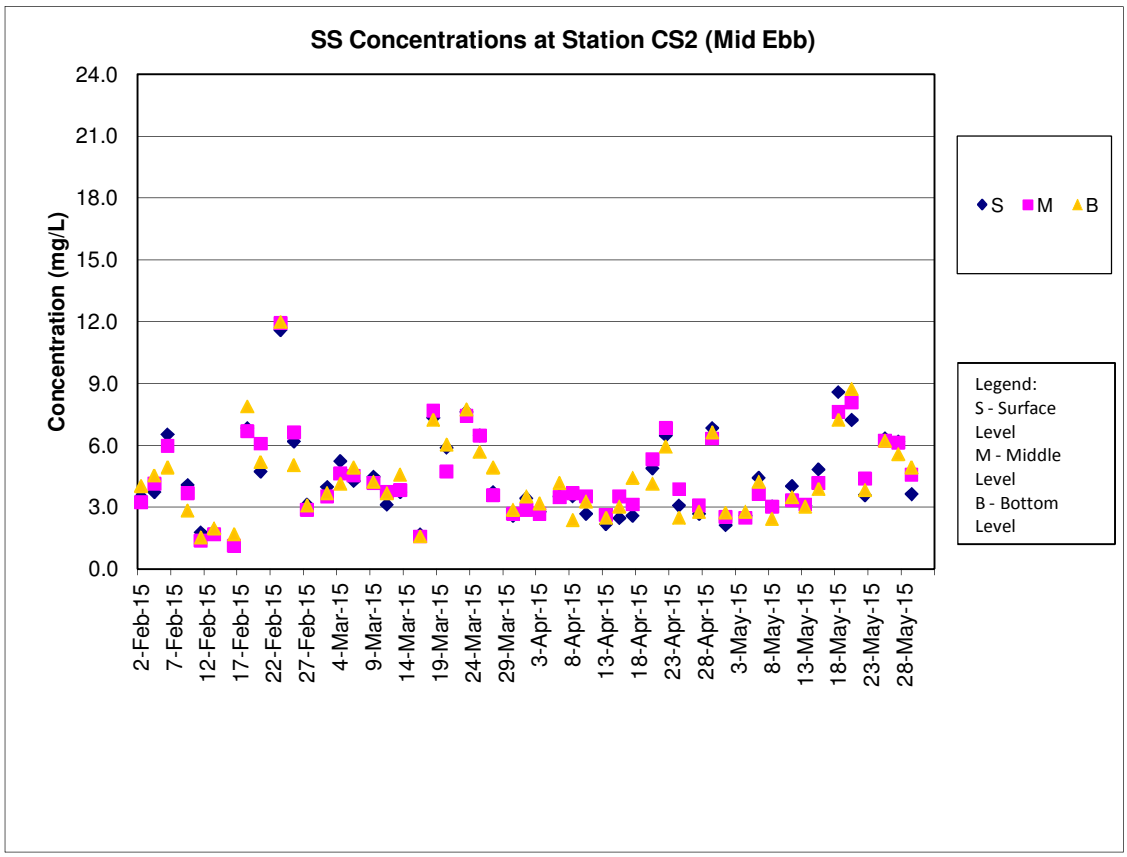

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

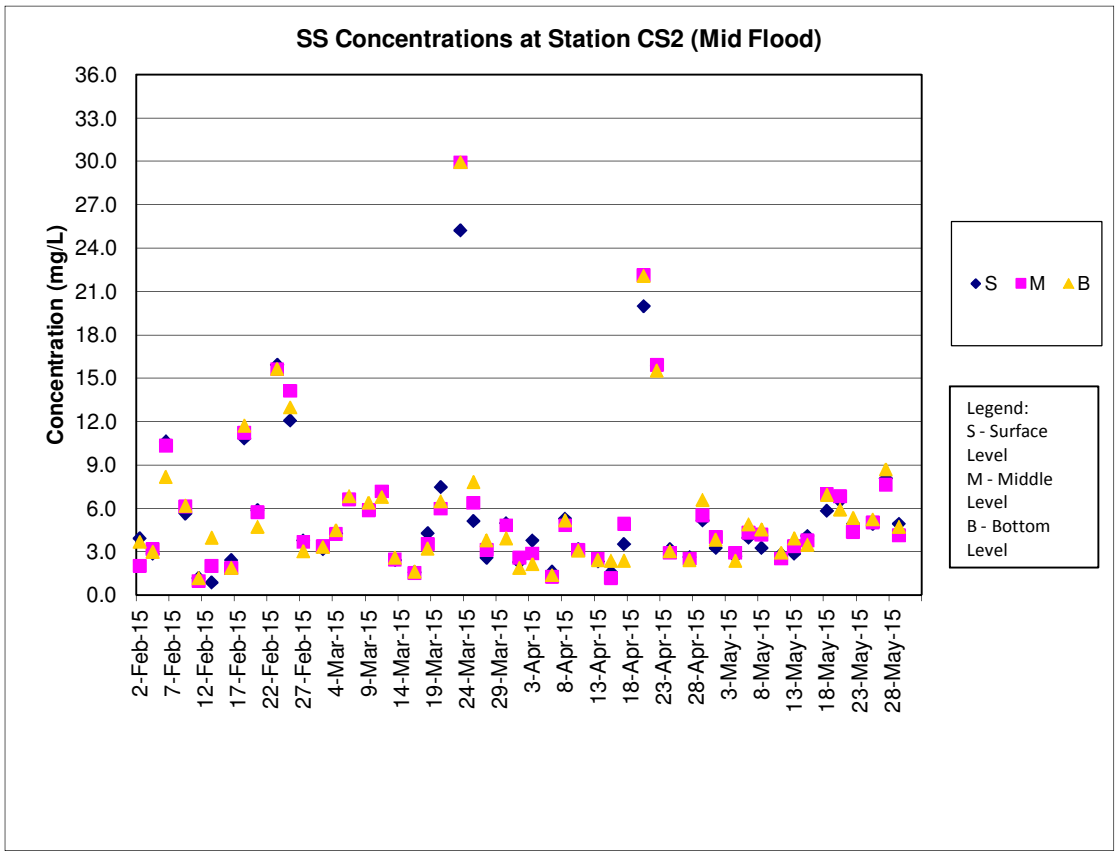

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

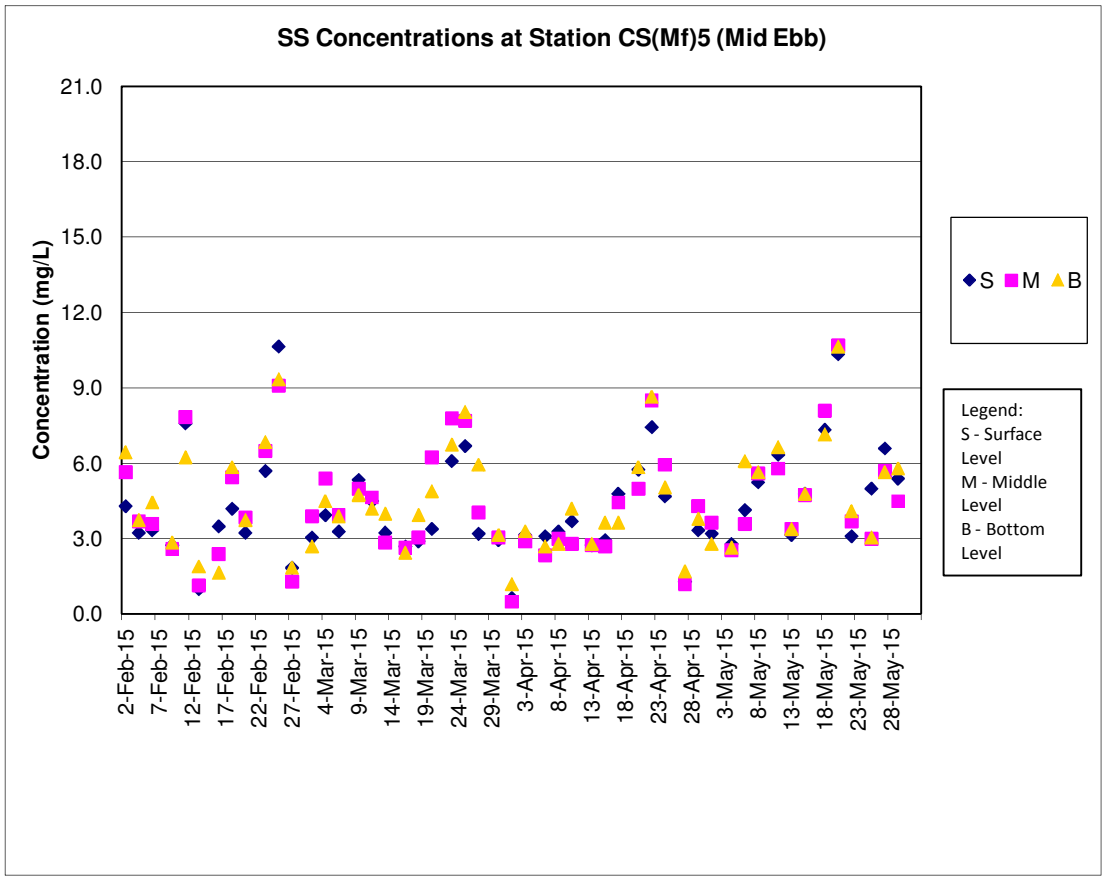

Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

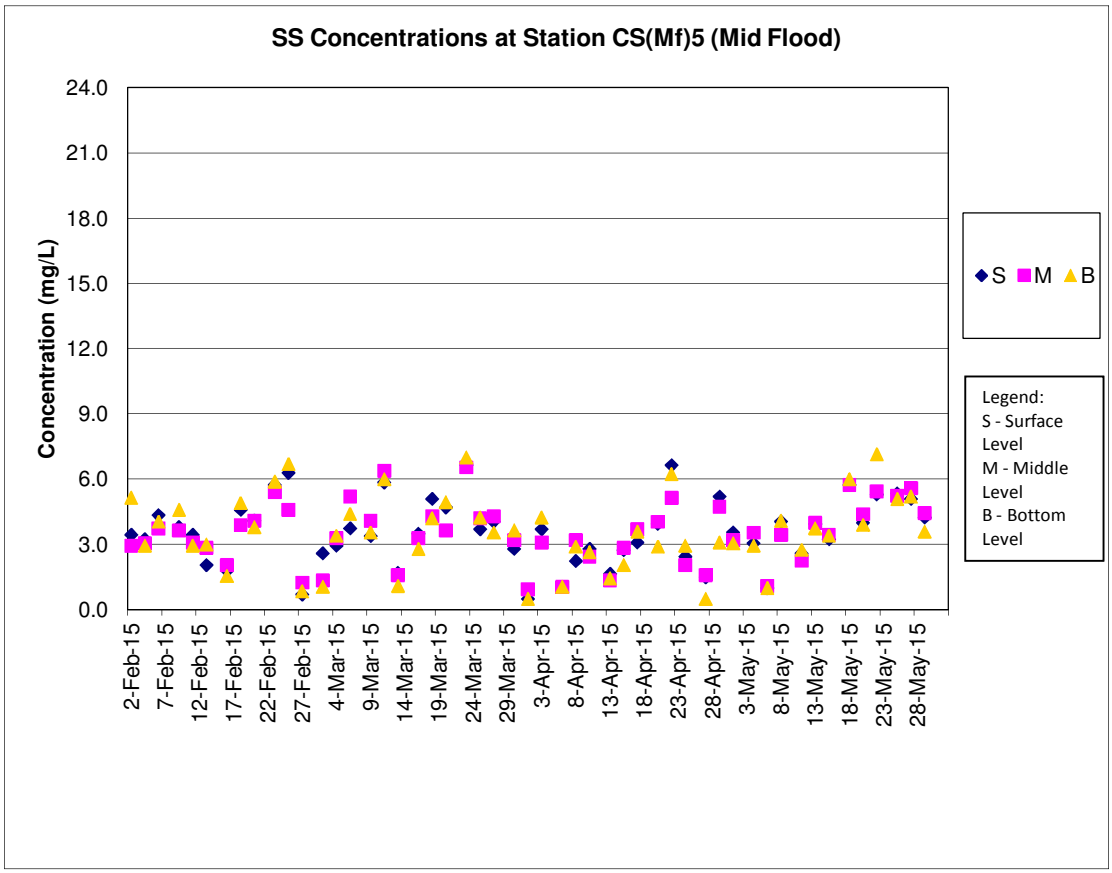

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

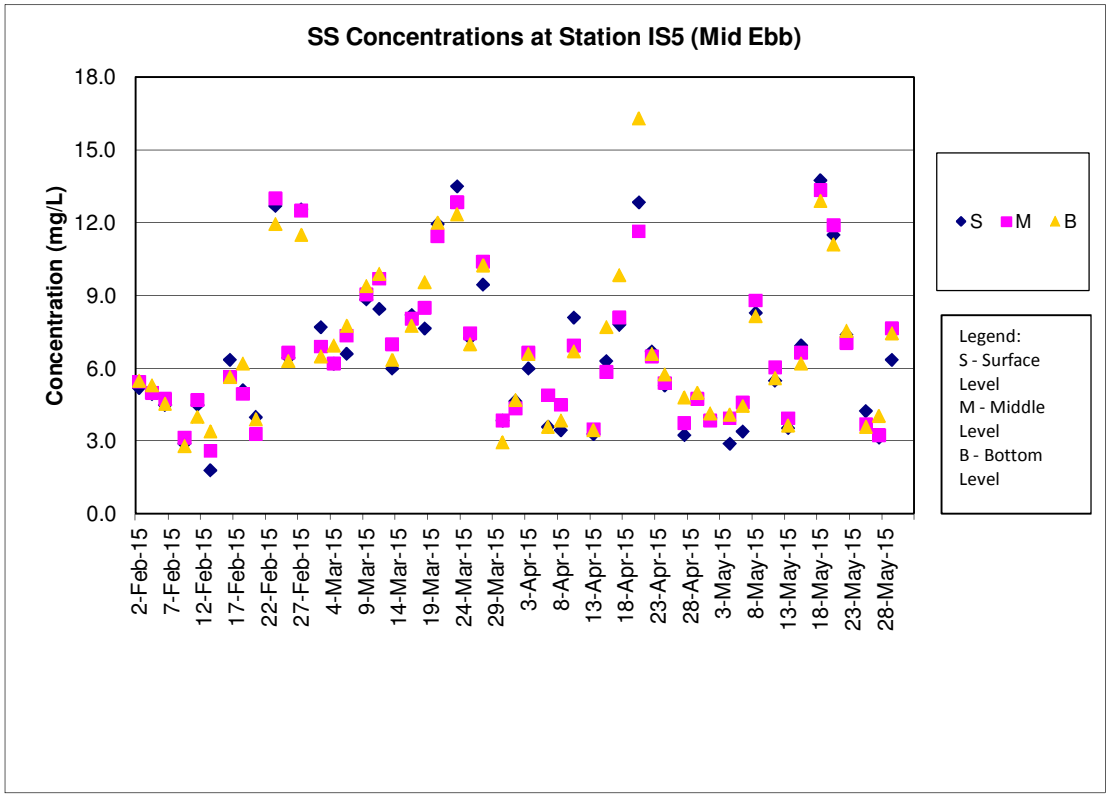

Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

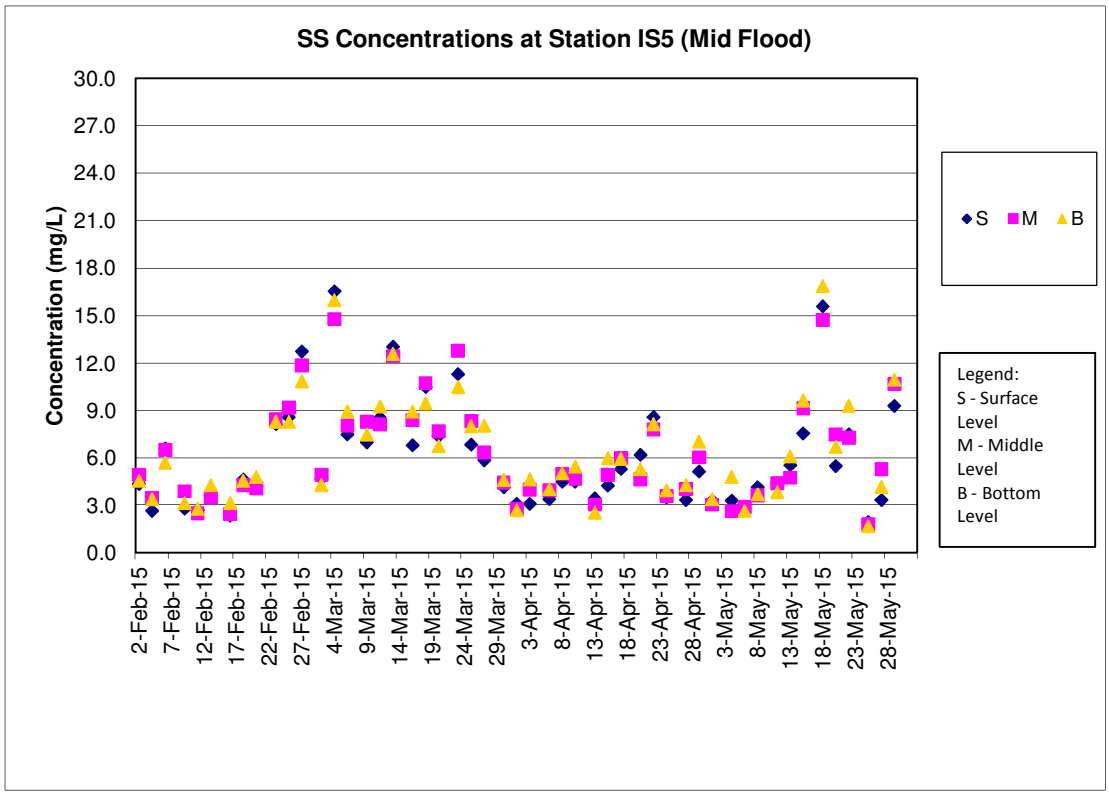

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

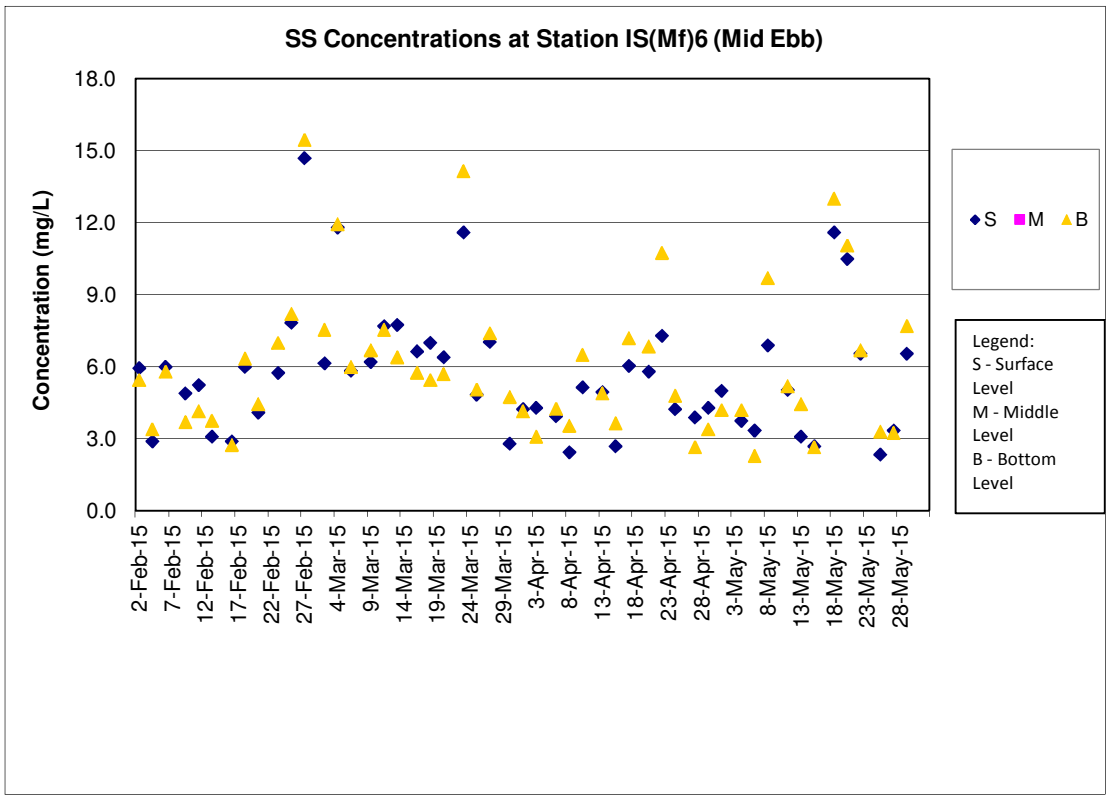

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

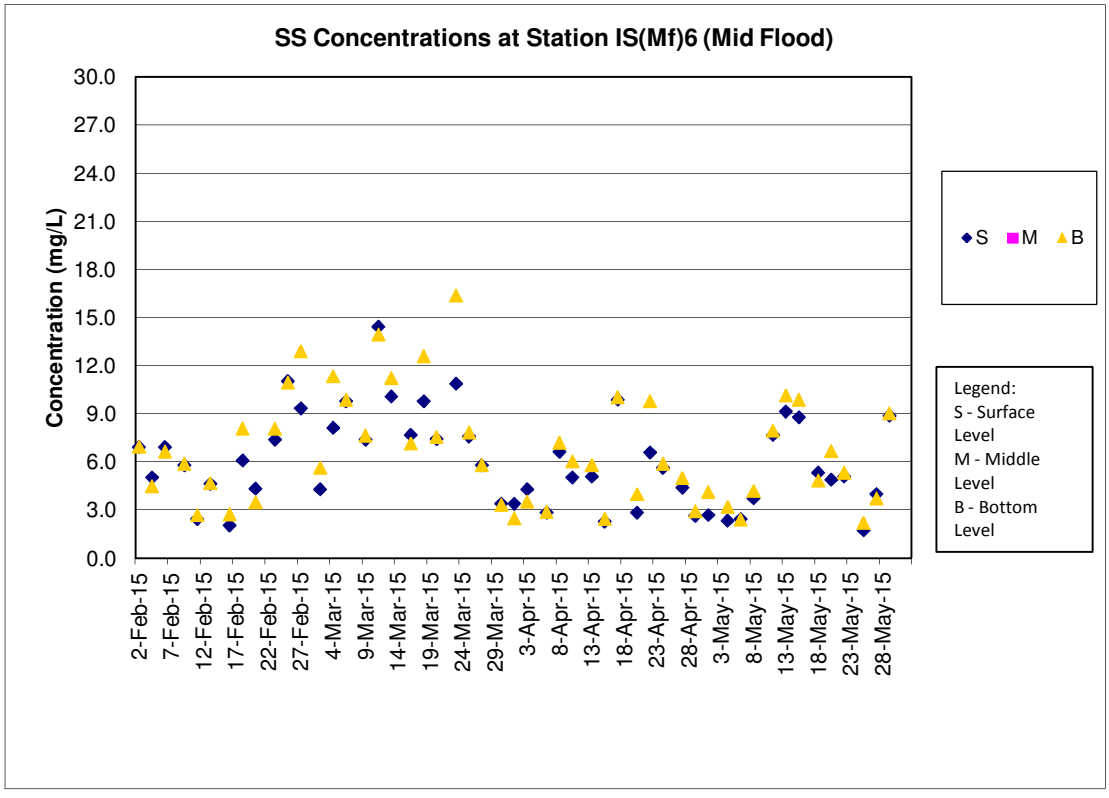

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

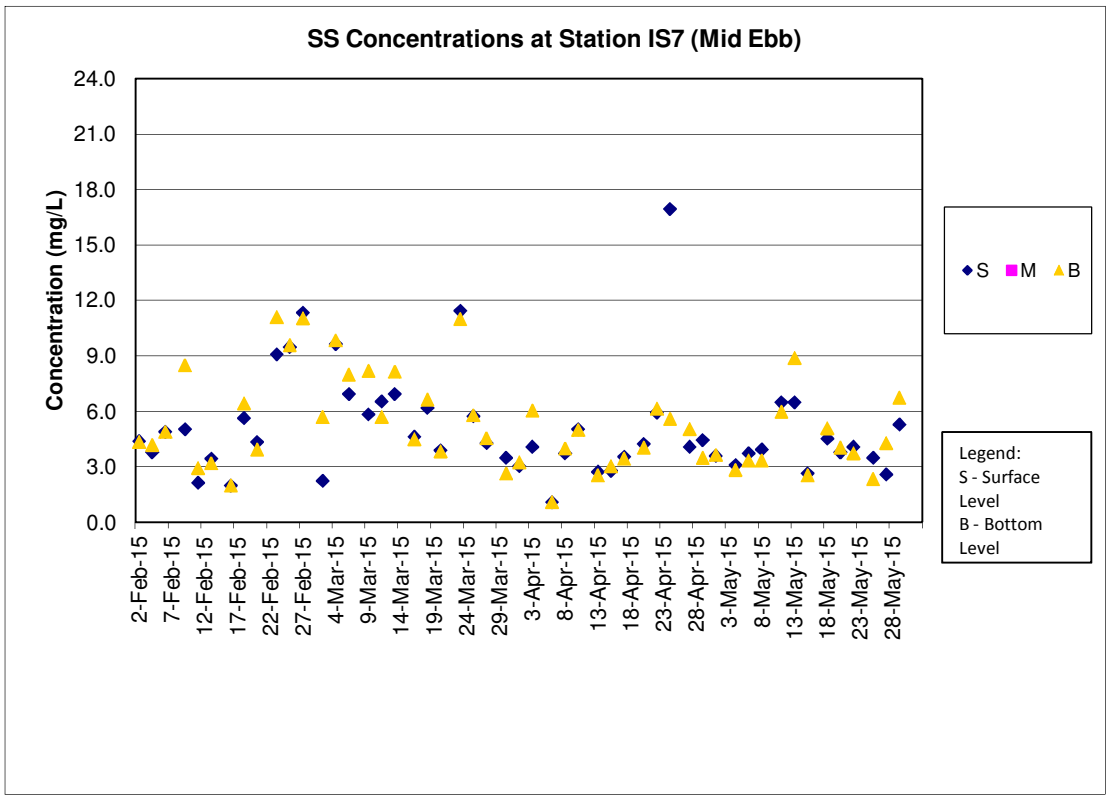

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

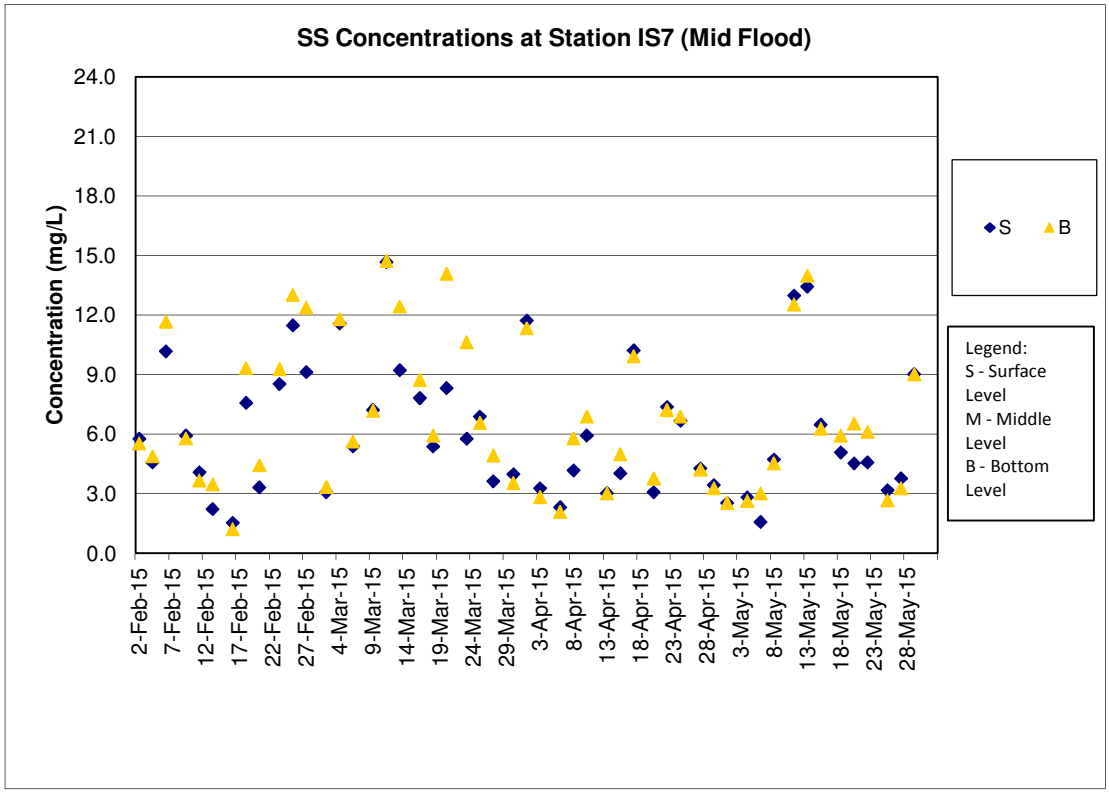

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

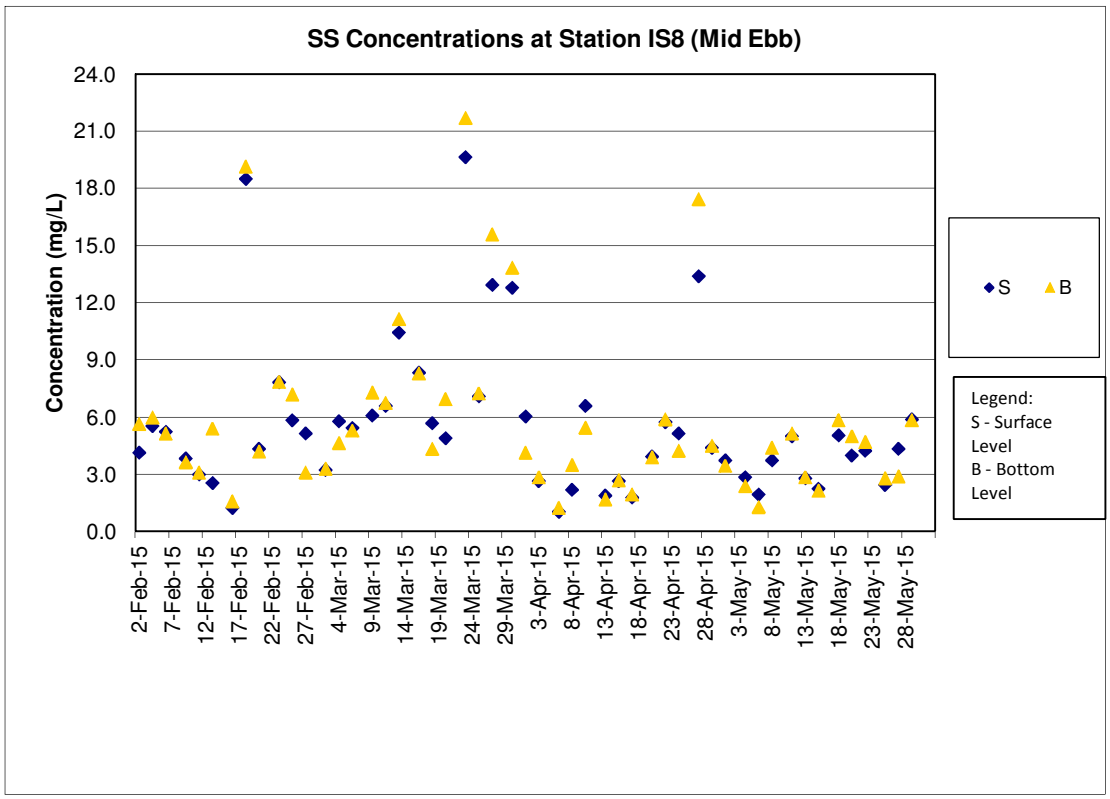

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

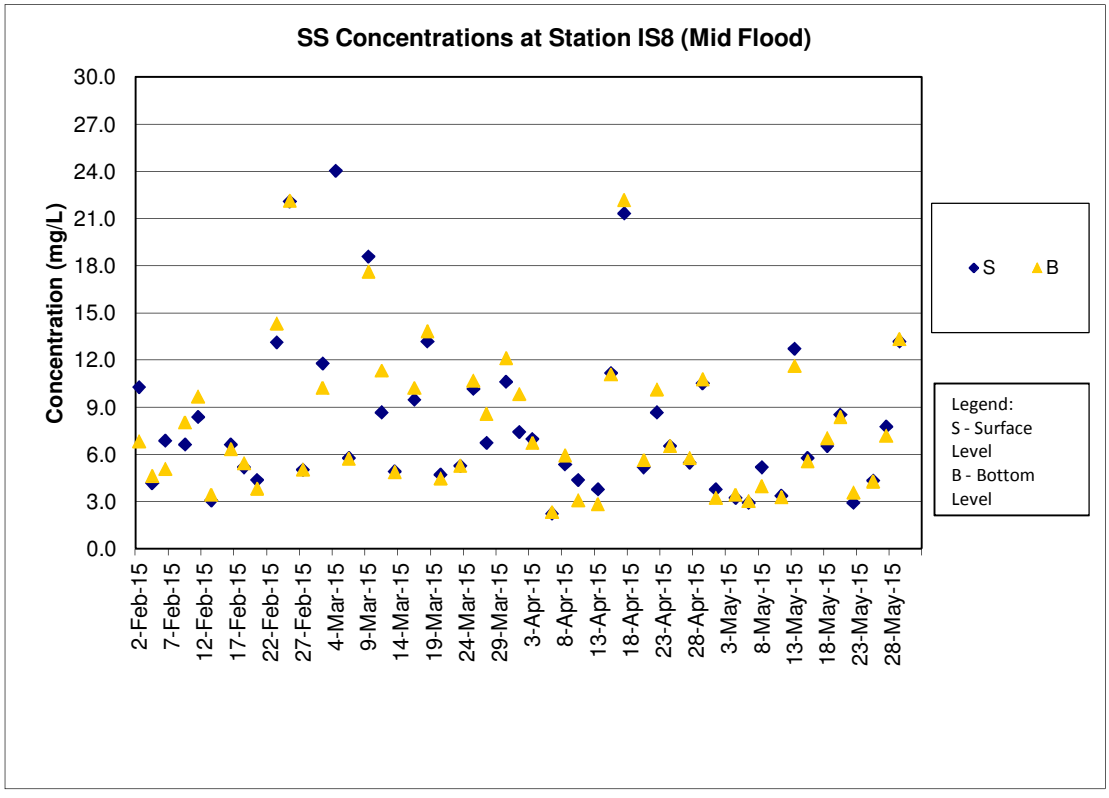

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

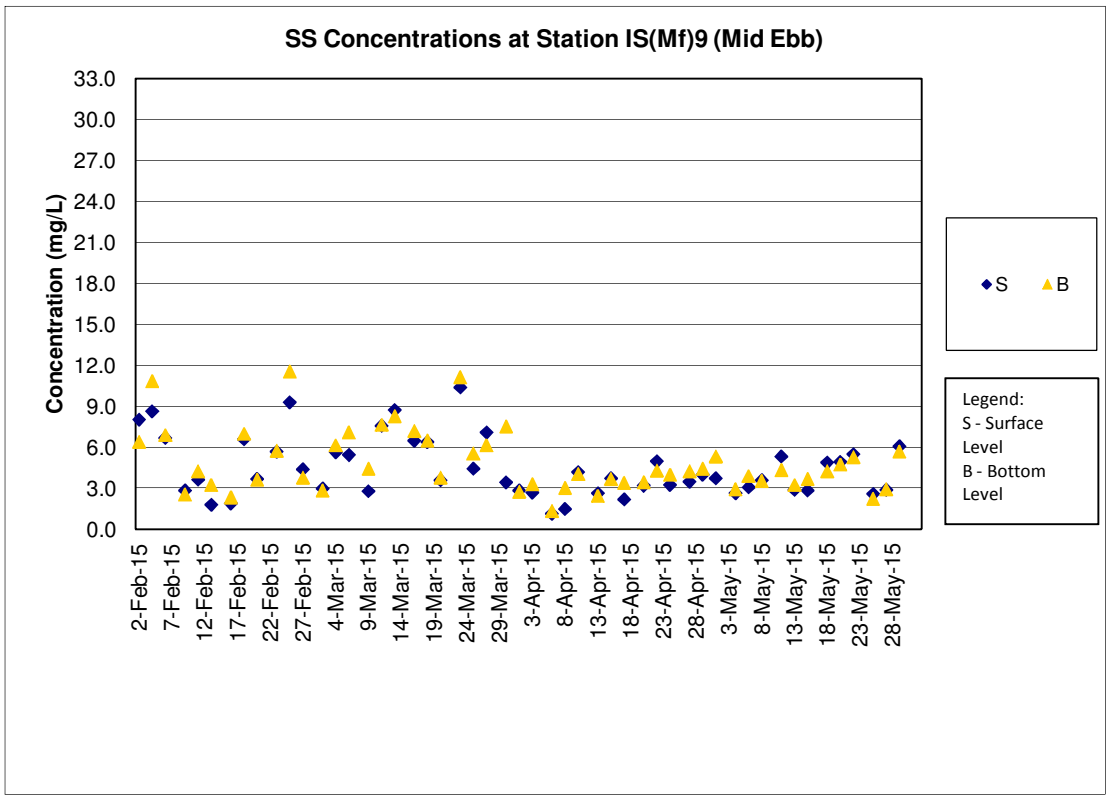

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

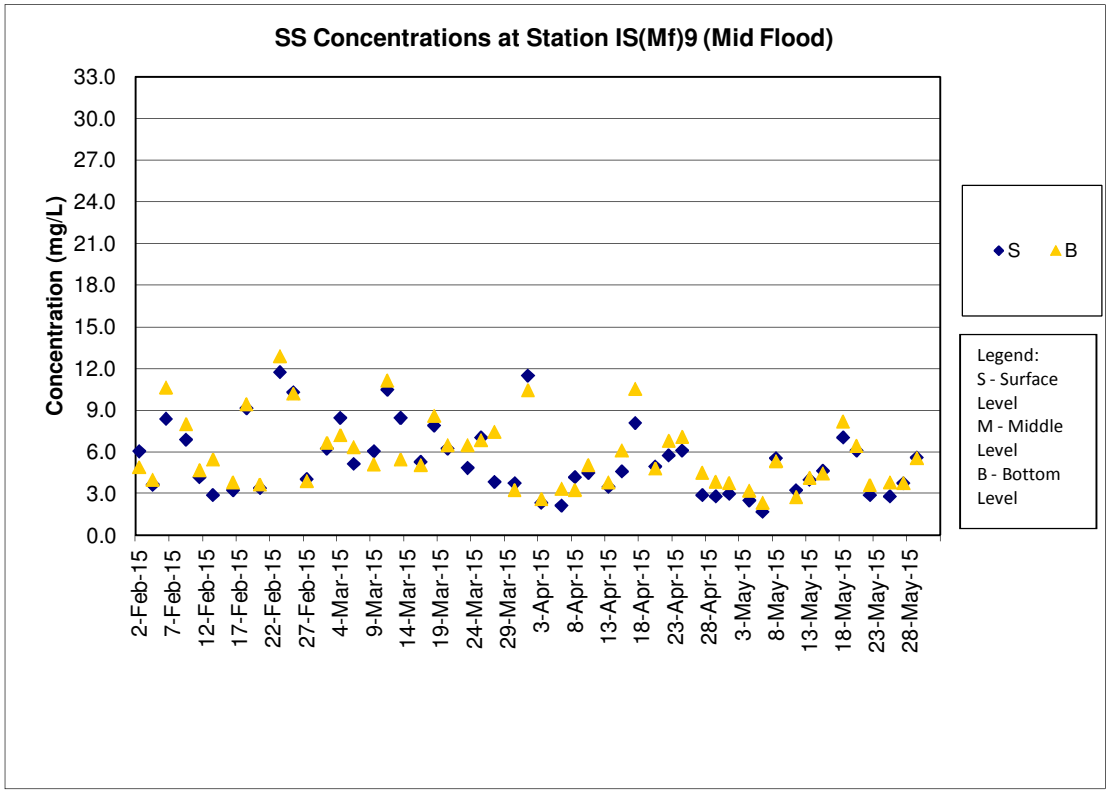

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
B - Bottom Level

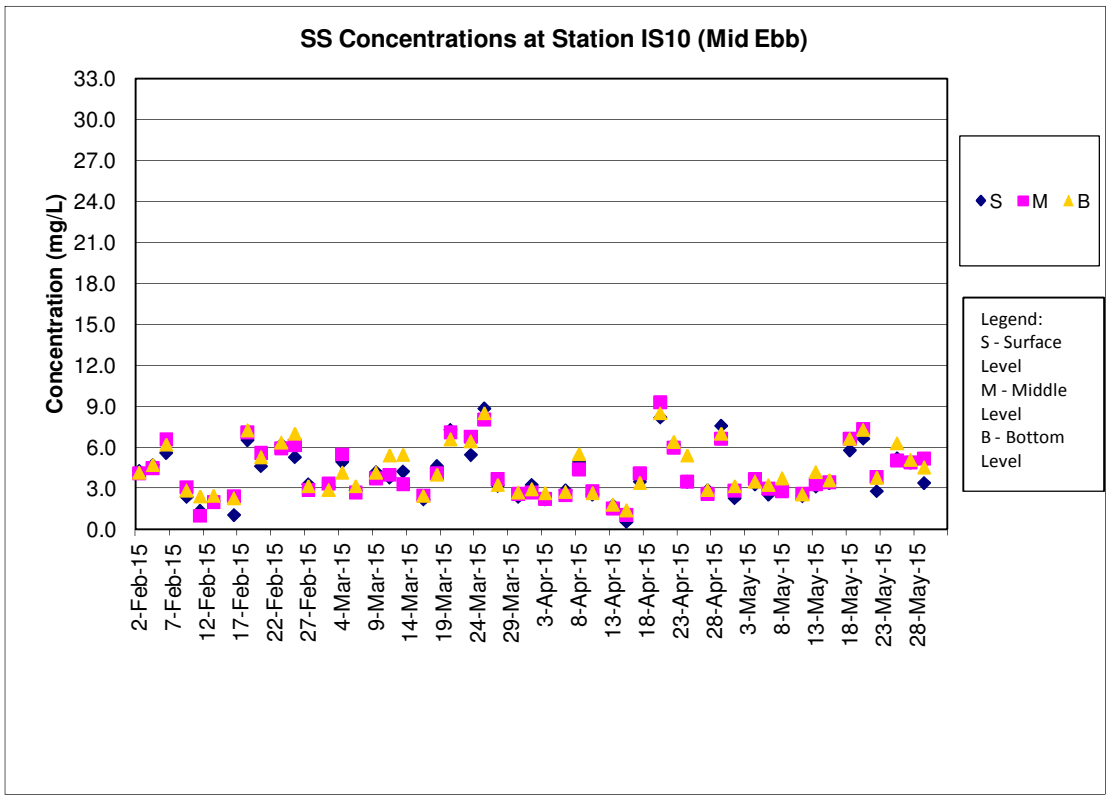

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

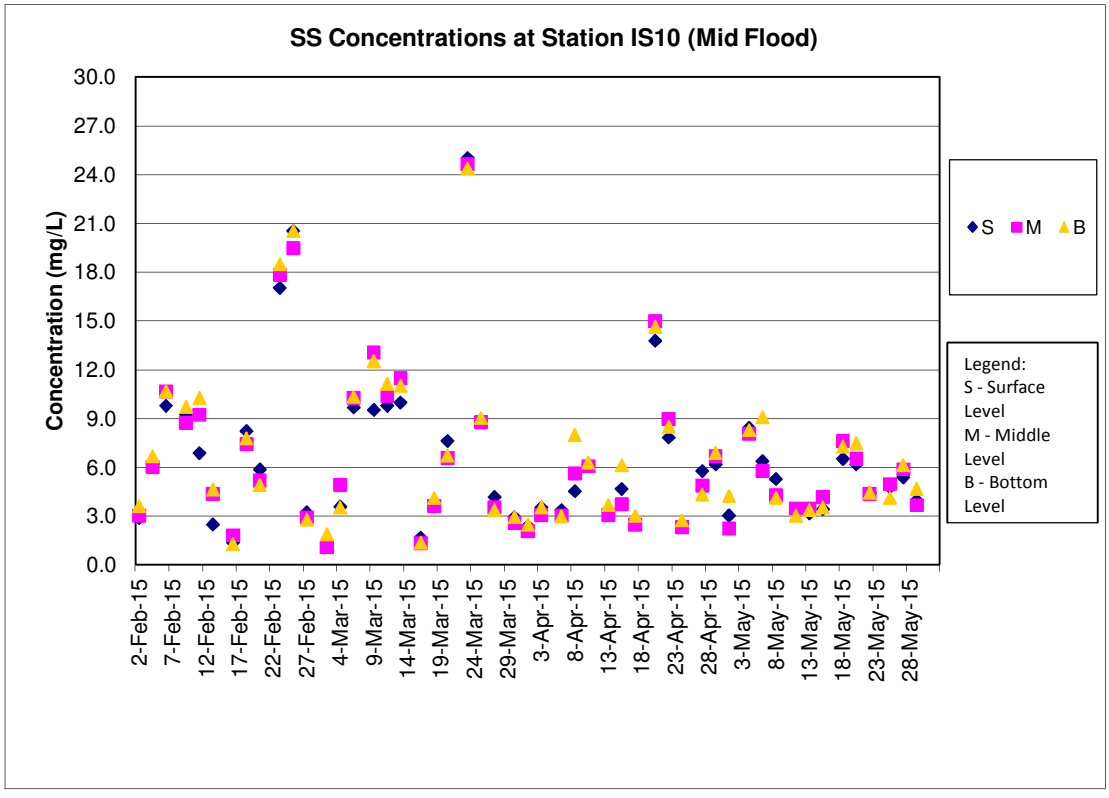

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

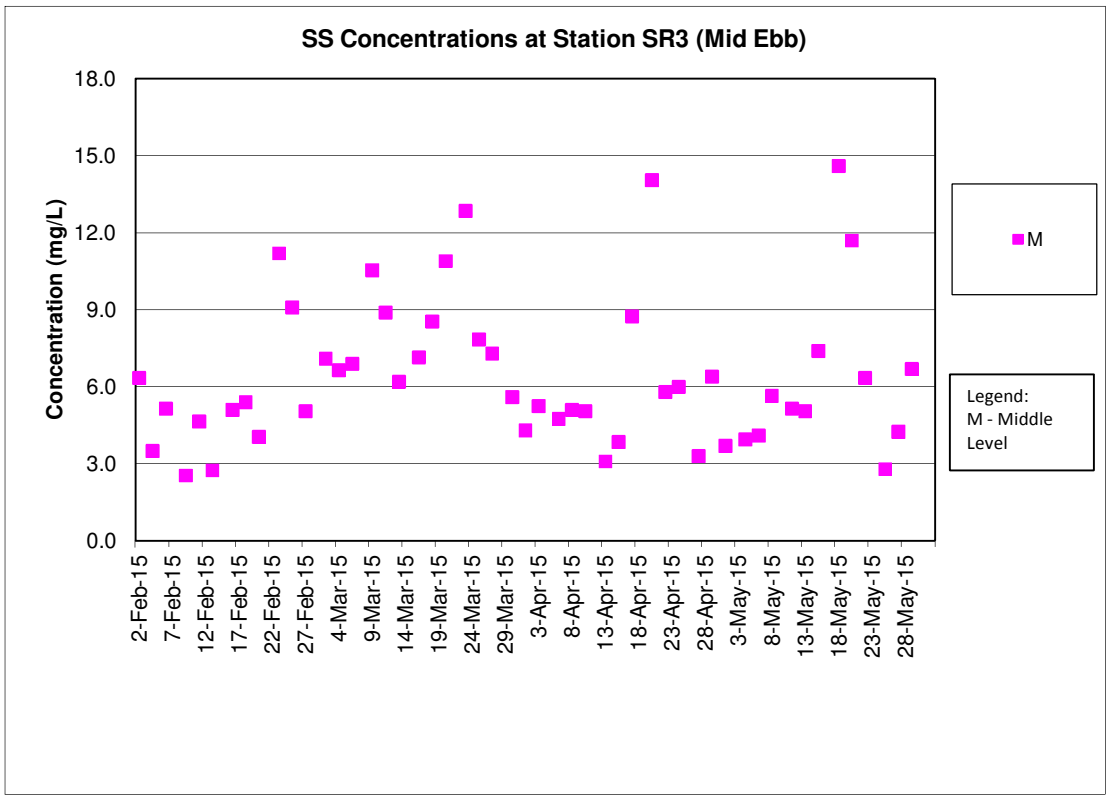

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

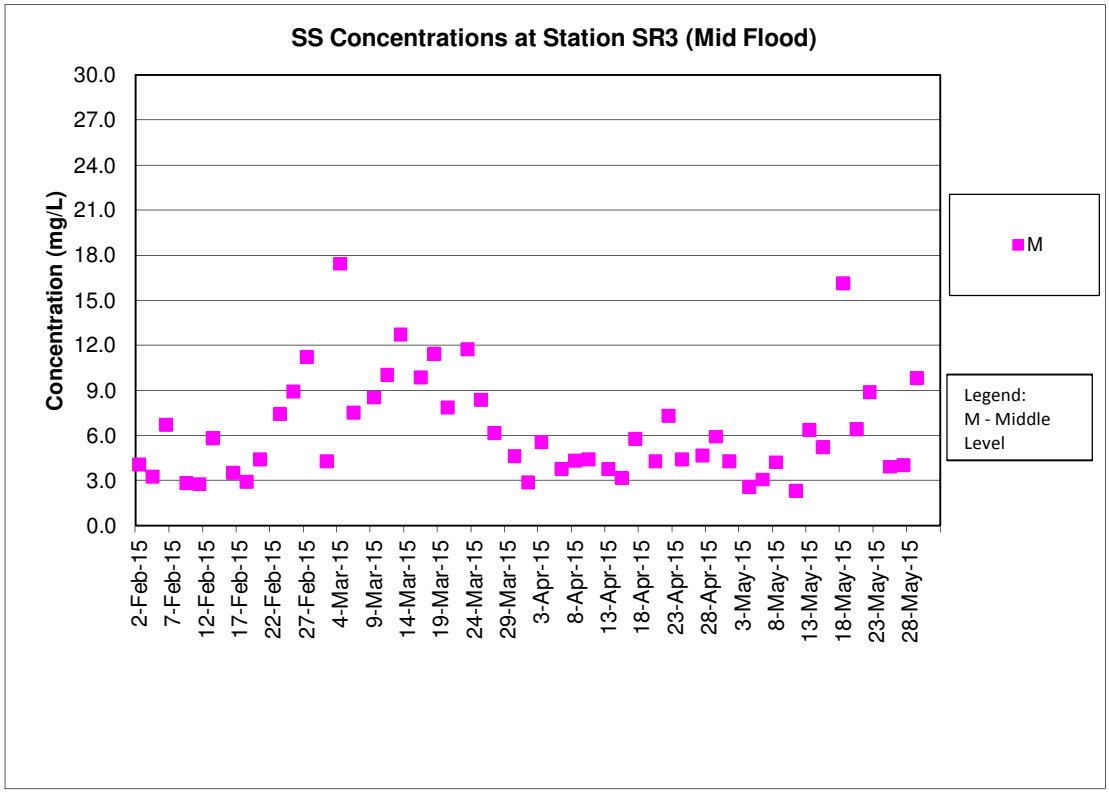

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

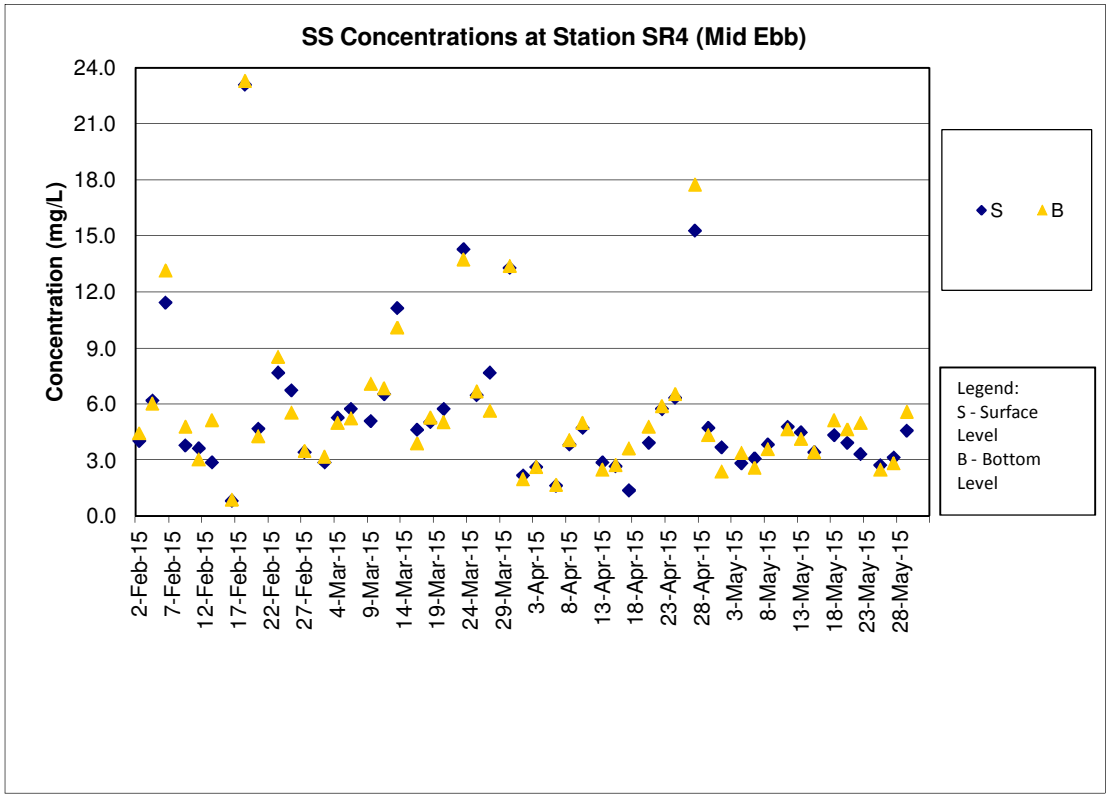

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

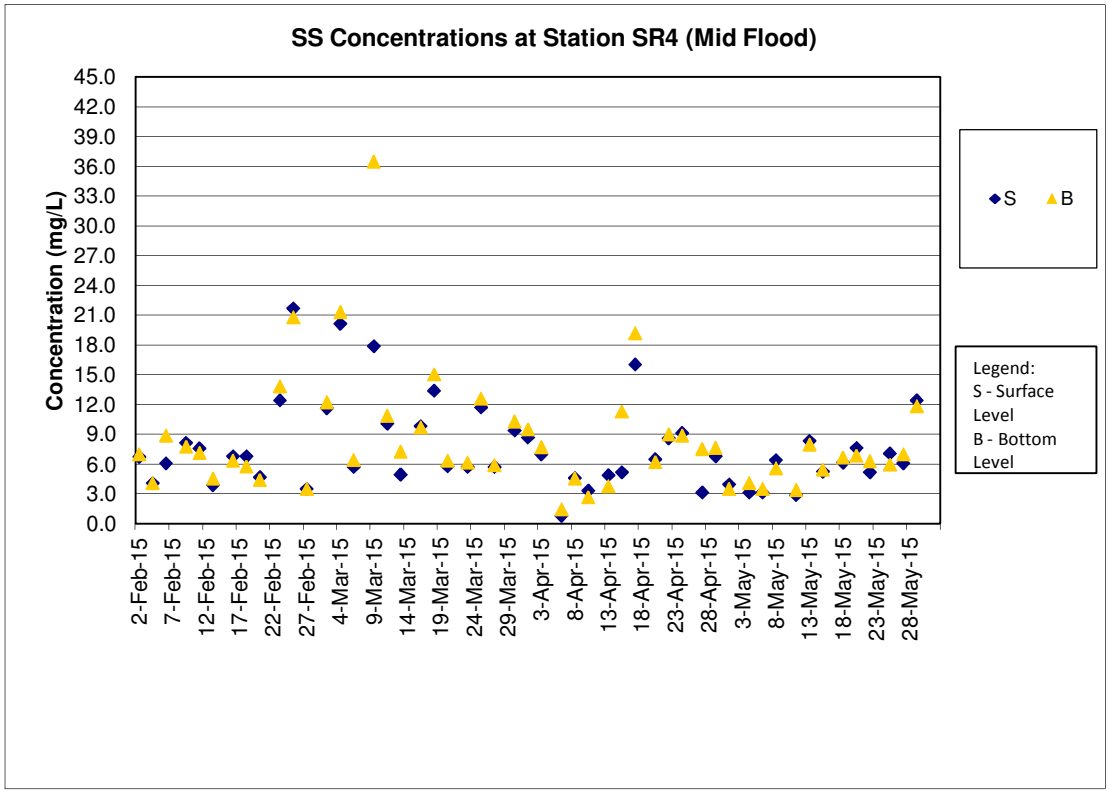

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

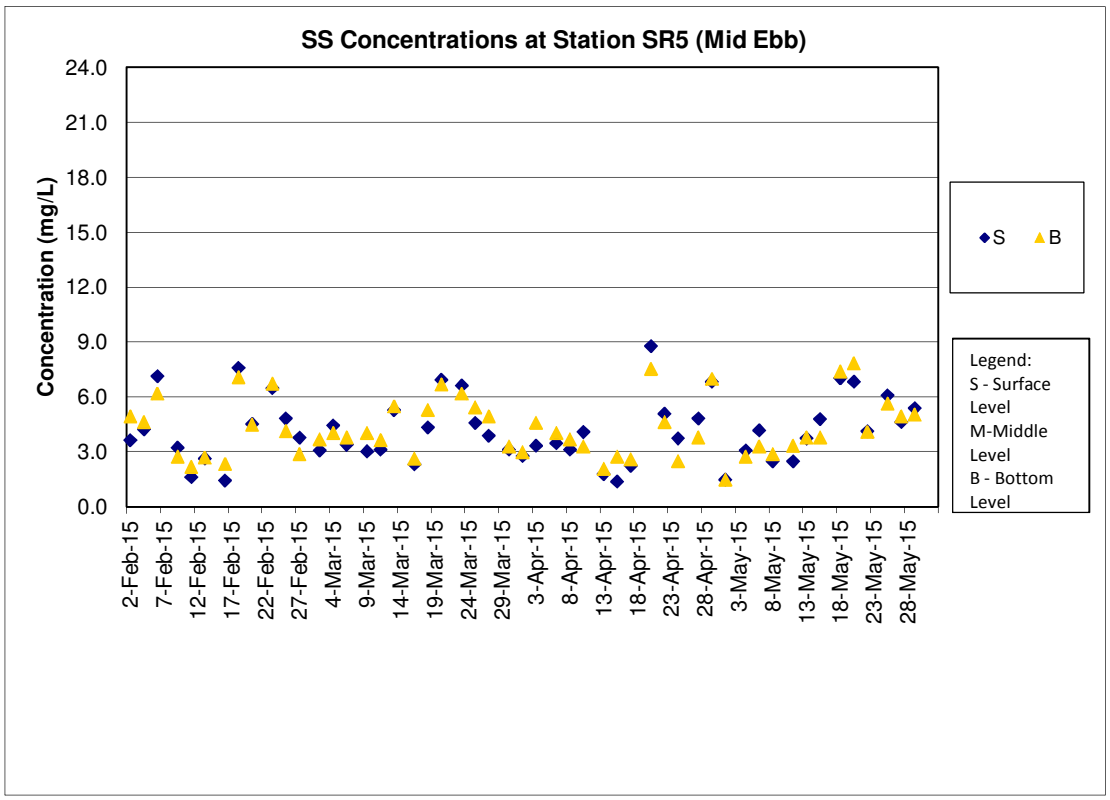

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

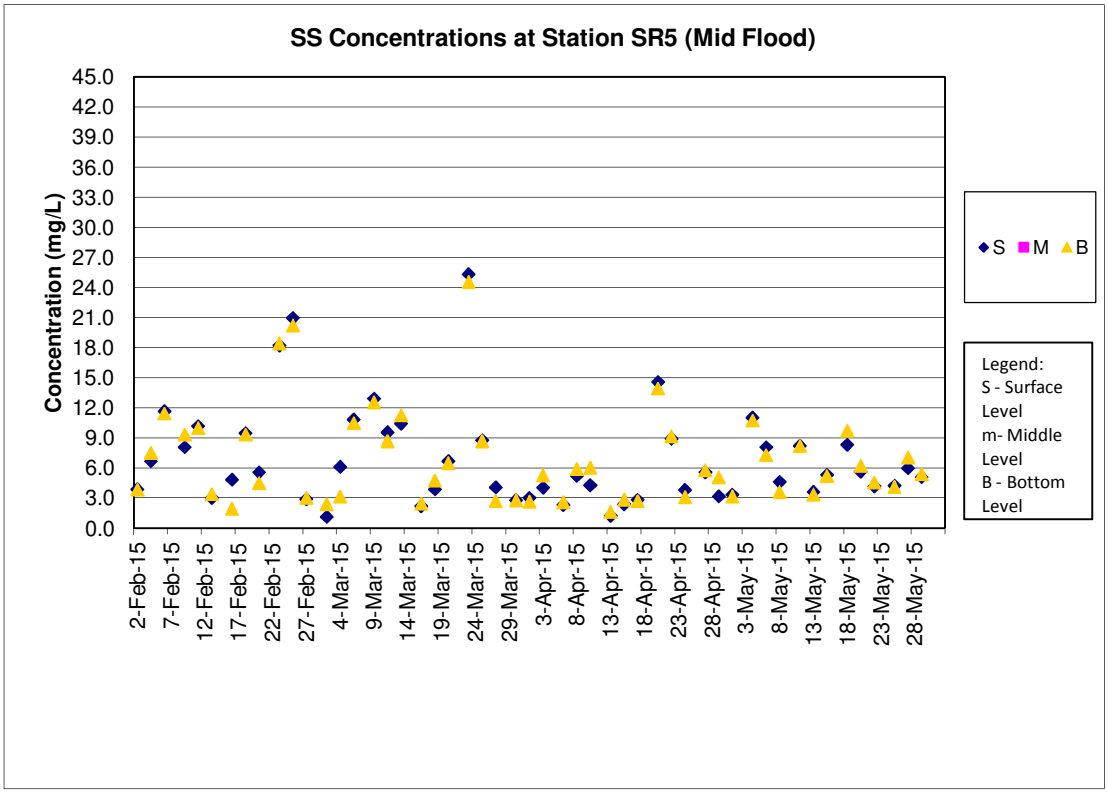

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle
Level

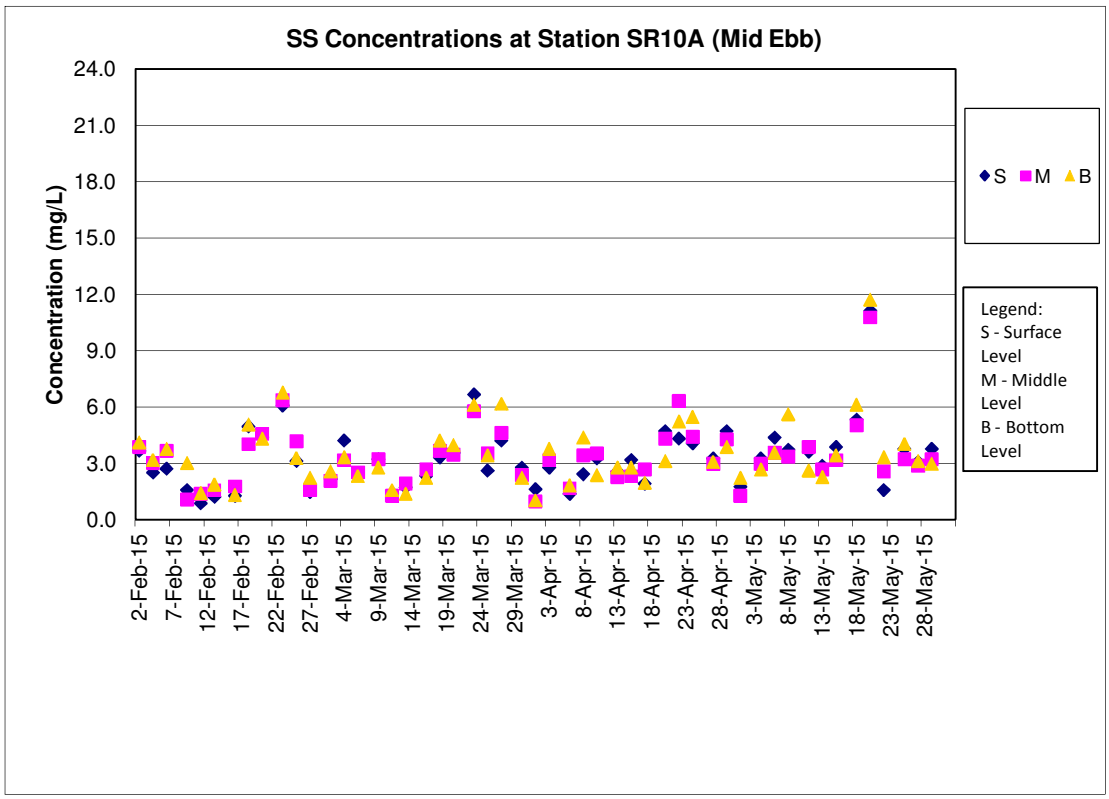

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
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27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
M
Legend:
M - Middle
Level

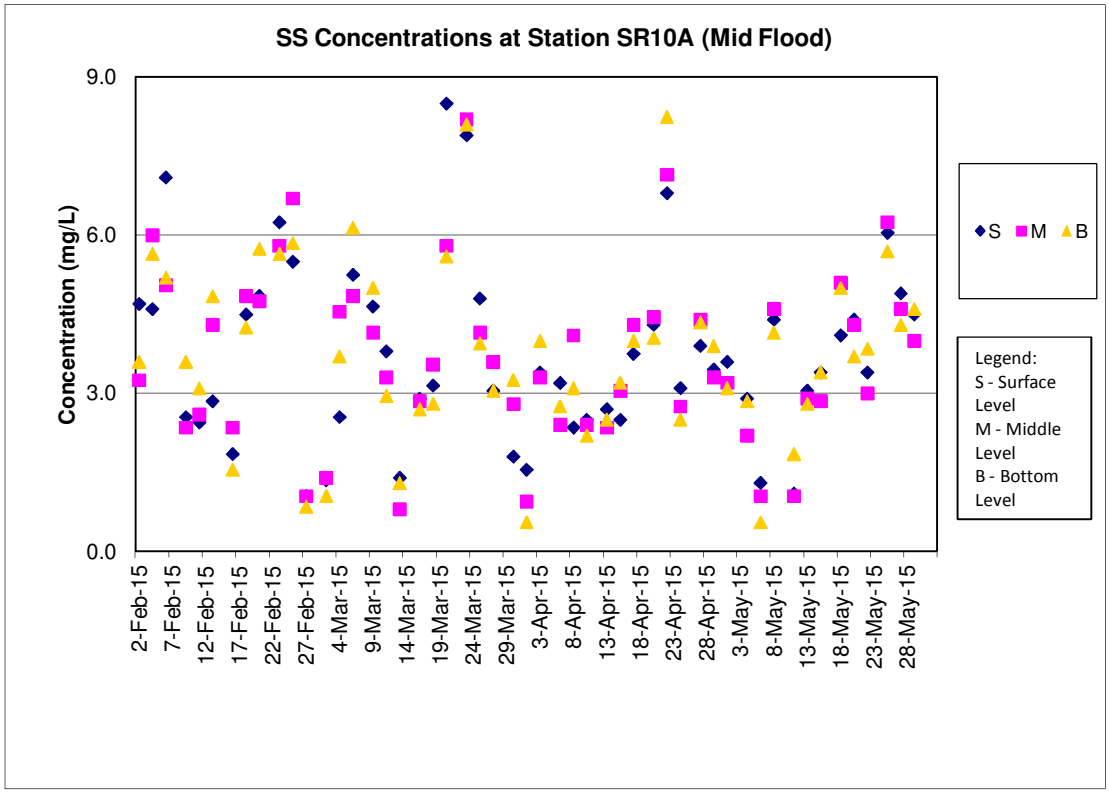

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

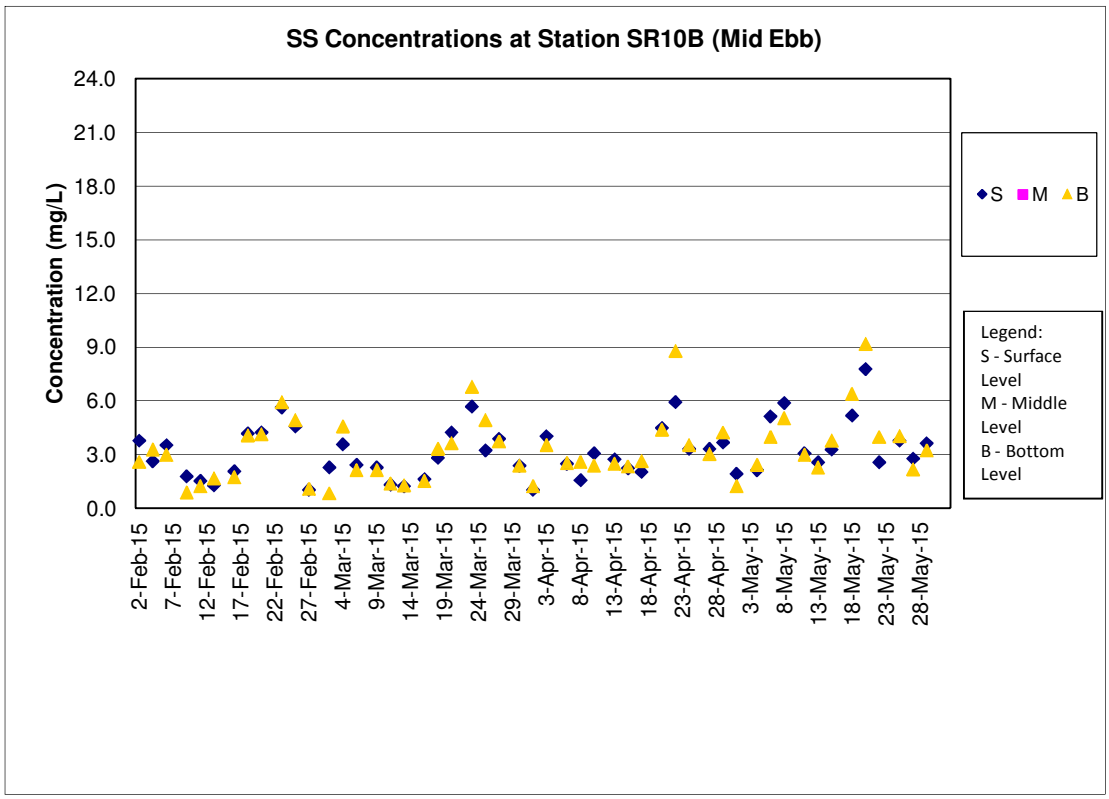

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
B - Bottom Level

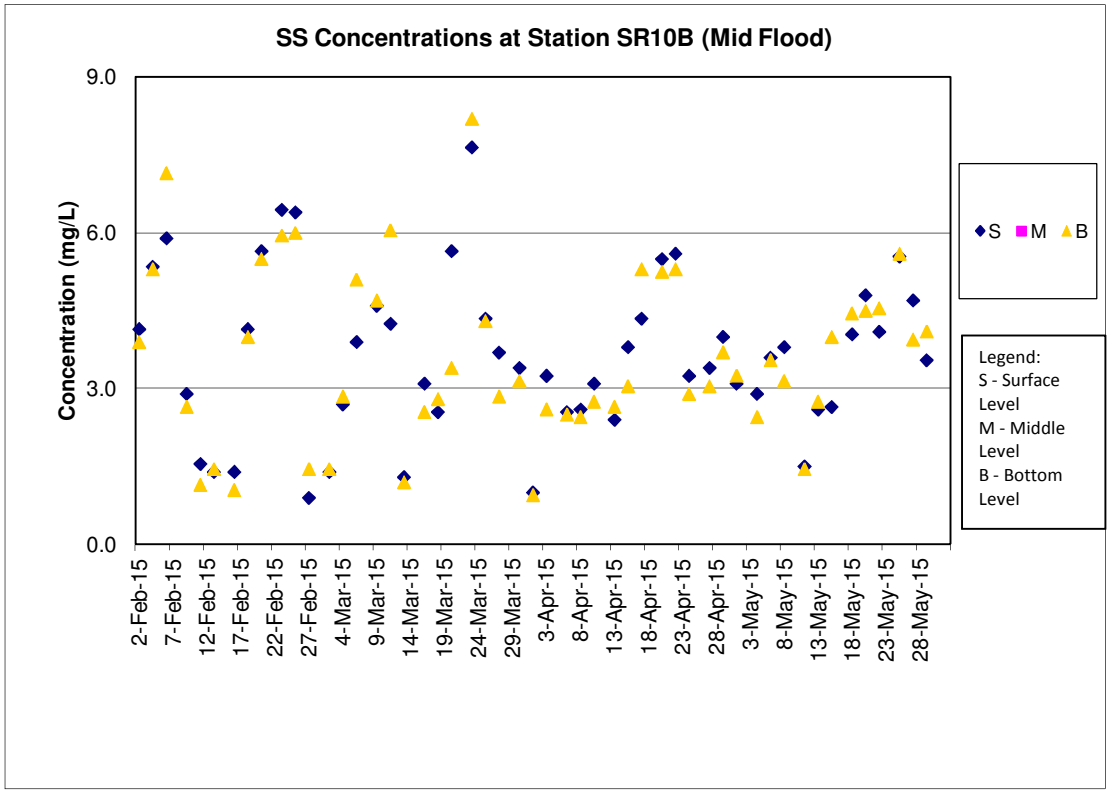

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
9.0
6.0
3.0
0.0
2-Feb-15
7-Feb-15
12-Feb-15
17-Feb-15
22-Feb-15
27-Feb-15
4-Mar-15
9-Mar-15
14-Mar-15
19-Mar-15
24-Mar-15
29-Mar-15
3-Apr-15
8-Apr-15
13-Apr-15
18-Apr-15
23-Apr-15
28-Apr-15
3-May-15
8-May-15
13-May-15
18-May-15
23-May-15
28-May-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX J

Dolphin Monitoring Results

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

11th Quarterly Progress Report (March-May 2015)
submitted to China State Construction Engineering (HK) Ltd.

Submitted by
Samuel K.Y. Hung, Ph.D., Hong Kong Cetacean Research Project

15 June 2015

1. Introduction

1.1. The Hong Kong Link Road (HKLR) serves to connect the Hong Kong-Zhuhai-Macao Bridge (HZMB) Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the northeastern waters of the Hong Kong International Airport. The construction of HKLR is separated into two sections, with the construction for the section between Scenic Hill and Hong Kong Boundary Crossing Facilities being commenced in October 2012.

1.2. According to the updated Environmental Monitoring and Audit (EM&A) Manual (for HKLR), monthly line-transect vessel surveys for Chinese White Dolphin should be conducted to cover the Northwest and Northeast Lantau survey areas as in AFCD annual marine mammal monitoring programme.

1.3. In October 2012, Hong Kong Cetacean Research Project (HKCRP) has been commissioned to conduct this 54-month dolphin monitoring study in order to collect data on Chinese White Dolphins during the construction phase (i.e. impact period) of the HKLR03 project in Northwest Lantau (NWL) and Northeast Lantau (NEL) survey areas, and to analyze the collected survey data to monitor distribution, encounter rate, activities and occurrence of dolphin calves. Photo-identification will also be collected from individual Chinese White Dolphins to examine their individual range patterns.

1.4. From the monitoring results, any changes in dolphin occurrence within the study area will be examined for possible causes, and appropriate actions and additional mitigation measures will be recommended as necessary.

1.5. This report is the eleventh quarterly progress report under the HKLR03 construction phase dolphin monitoring programme submitted to the China State Construction Engineering (HK) Limited, summarizing the results of the surveys findings during the period of March to May 2015.

2. Monitoring Methodology

2.1. Vessel-based Line-transect Survey

2.1.1. According to the requirement of the updated EM&A manual, dolphin monitoring programme should cover all transect lines in NEL and NWL survey areas twice per month throughout the entire construction period. The co-ordinates of all transect lines are shown in Table 1.

Table 1. 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
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					

2.1.2. 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 2013). For each monitoring vessel survey, a 15-m inboard vessel with an open upper deck (about 4.5 m above water surface) was used to make observations from the flying bridge area.

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

2.1.4. 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 traveled in each series (a continuous period of search effort) with the assistance of a handheld GPS (*Garmin eTrex Legend*).

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

2.1.6. 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.

2.1.7. Survey effort being conducted along the parallel transect lines that were perpendicular to the coastlines (as indicated in Figure 1) was labeled as "primary" survey effort, while the survey effort conducted along the connecting lines between parallel lines was labeled as "secondary" survey effort. According to HKCRP long-term dolphin monitoring data, encounter rates of Chinese white dolphins deduced from effort and sighting data collected along primary and secondary lines were similar in NEL and NWL survey areas (Hung 2013). Therefore, both primary and secondary survey effort were presented as on-effort survey effort in this report.

2.2. Photo-identification Work

2.2.1. 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.

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

2.2.3. 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.

2.2.4. 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).

2.2.5. 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.

2.3. Data analysis

2.3.1. Distribution Analysis – The line-transect survey data was integrated with the Geographic Information System (GIS) in order to visualize and interpret different spatial and temporal patterns of dolphin distribution using sighting positions. Location data of dolphin groups were plotted on map layers of Hong Kong using a desktop GIS (ArcView© 3.1) to examine their distribution patterns in details. The dataset was also stratified into different subsets to examine distribution patterns of dolphin groups with different categories of group sizes, young calves and activities.

2.3.2. Encounter rate analysis – Encounter rates of Chinese white dolphins (number of on-effort sightings per 100 km of survey effort, and total number of dolphins sighted on-effort 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. Dolphin encounter rates were calculated in two ways for comparisons with the HZMB baseline monitoring results as well as to AFCD long-term marine mammal monitoring results.

Firstly, for the comparison with the HZMB baseline monitoring results, the encounter rates were calculated using primary survey effort alone, and only data collected under Beaufort 3 or below condition would be used for encounter rate analysis. The average encounter rate of sightings (STG) and average encounter rate of dolphins (ANI) were deduced based on the encounter rates from six events during the present quarter (i.e. six sets of line-transect surveys in North Lantau), which was also compared with the one deduced from the six events during the baseline period (i.e. six sets of line-transect surveys in North Lantau).

Secondly, the encounter rates were calculated using both primary and secondary survey effort collected under Beaufort 3 or below condition as in AFCD long-term monitoring study. The encounter rate of sightings and dolphins were deduced by dividing the total number of on-effort sightings (STG) and total number of dolphins (ANI) by the amount of survey effort for the entire quarterly period (March-May 2015).

2.3.3. Quantitative grid analysis on habitat use – To conduct quantitative grid analysis of habitat use, positions of on-effort sightings of Chinese White Dolphins collected during the quarterly impact phase monitoring period were plotted onto 1-km^2 grids among NWL and NEL survey areas on GIS. Sighting densities (number of on-effort sightings per km^2) and dolphin densities (total number of dolphins from on-effort sightings per km^2) were then calculated for each 1 km by 1 km grid with the aid of GIS. Sighting density grids and dolphin density grids were then further normalized with the amount of survey effort conducted within each grid. The total amount of survey effort spent on each grid was calculated by examining the survey coverage on each line-transect survey to determine how many times the grid was surveyed during the study period. For example, when the survey boat traversed through a specific grid 50 times, 50 units of survey effort were counted for that grid. With the amount of survey effort calculated for each grid, the sighting density and dolphin density of each grid were then normalized (i.e. divided by the unit of survey effort).

The newly-derived unit for sighting density was termed SPSE, representing the number of on-effort **s**ightings **p**er 100 units of **s**urvey **e**ffort. In addition, the derived unit for actual dolphin density was termed DPSE, representing the number of **d**olphins **p**er 100 units of **s**urvey **e**ffort. Among the 1-km^2 grids that were partially covered by land, the percentage of sea area was calculated using GIS tools, and their SPSE and DPSE values were adjusted accordingly. The following formulae were used to estimate SPSE and DPSE in each 1-km^2 grid within the study area:

$$SPSE = ((S / E) \times 100) / SA\%$$
$$DPSE = ((D / E) \times 100) / SA\%$$

where S = total number of on-effort sightings
D = total number of dolphins from on-effort sightings
E = total number of units of survey effort
SA% = percentage of sea area

2.3.4. Behavioural analysis – When dolphins were sighted during vessel surveys, their

behaviour was observed. Different activities were categorized (i.e. feeding, milling/resting, traveling, socializing) and recorded on sighting datasheets. This data was then input into a separate database with sighting information, which can be used to determine the distribution of behavioural data with a desktop GIS. Distribution of sightings of dolphins engaged in different activities and behaviours would then be plotted on GIS and carefully examined to identify important areas for different activities of the dolphins.

2.3.5. Ranging pattern analysis – Location data of individual dolphins that occurred during the 3-month impact phase monitoring period were obtained from the dolphin sighting database and photo-identification catalogue. To deduce home ranges for individual dolphins using the fixed kernel methods, the program Animal Movement Analyst Extension, was loaded as an extension with ArcView© 3.1 along with another extension Spatial Analyst 2.0. Using the fixed kernel method, the program calculated kernel density estimates based on all sighting positions, and provided an active interface to display kernel density plots. The kernel estimator then calculated and displayed the overall ranging area at 95% UD level.

3. Monitoring Results

3.1. Summary of survey effort and dolphin sightings

3.1.1. During the period of March to May 2015, six sets of systematic line-transect vessel surveys were conducted to cover all transect lines in NWL and NEL survey areas twice per month.

3.1.2. From these surveys, a total of 899.81 km of survey effort was collected, with 97.7% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility). Among the two areas, 344.55 km and 555.26 km of survey effort were conducted in NEL and NWL survey areas respectively.

3.1.3. The total survey effort conducted on primary lines was 655.32 km, while the effort on secondary lines was 244.49 km. Both survey effort conducted on primary and secondary lines were considered as on-effort survey data. A summary table of the survey effort is shown in Annex I.

3.1.4. During the six sets of monitoring surveys in March-May 2015, a total of seven groups of 25 Chinese White Dolphins were sighted. Four of the seven dolphin

sightings were made during on-effort search. Two of the four on-effort sightings were made on primary lines, while the other two were made on secondary lines. In this quarterly period, all dolphin groups were sighted in NWL, while none of them were sighted in NEL. In fact, no dolphin was sighted in NEL since July 2014, and only one group of four dolphins was sighted there since December 2013 during HKLR03 monitoring surveys. A summary table of the dolphin sightings is shown in Annex II.

3.2. Distribution

3.2.1. Distribution of dolphin sightings made during monitoring surveys in March to May 2015 is shown in Figure 1. These sightings made in the present quarter were scattered to the western end of the NWL survey area, with no particular concentration (Figure 1). No dolphin was sighted at all in NEL survey area.

3.2.2. Notably, all dolphin sightings were made far away from the HKLR03/HKBCF reclamation sites as well as along the entire alignment of Tuen Mun-Chek Lap Kok Link (TMCLKL) during this quarterly period (Figure 1). However, one sighting of a lone individual was made adjacent to the HKLR09 alignment (Figure 1).

3.2.3. Sighting distribution of the present impact phase monitoring period (March to May 2015) was compared to the one during the baseline monitoring period (September to November 2011). In the present quarter, dolphins have completely avoided the NEL region, which was in stark contrast to their frequent occurrence around the Brothers Islands, near Shum Shui Kok and in the vicinity of HKBCF reclamation site during the baseline period (Figure 1). The nearly complete abandonment of NEL region by the dolphins has been consistently recorded in the past nine quarters, which has resulted in extremely low to zero dolphin encounter rate in this area.

3.2.4. In NWL survey area, dolphin occurrence was also drastically different between the baseline and impact phase quarters. During the present impact monitoring period, much fewer dolphins occurred throughout this survey area than during the baseline period, when many of the dolphin sightings were concentrated between Lung Kwu Chau and Black Point, around Sha Chau, near Pillar Point and to the west of the Chek Lap Kok Airport (Figure 1).

3.2.5. Another comparison in dolphin distribution was made between the three quarterly periods of spring months in 2013, 2014 and 2015 (Figure 2). Among the three spring periods, no dolphin sighting was made in NEL in 2014 and 2015, while there were a few sightings made there in 2012 (Figure 2). The near absence of dolphins in this quarter in NEL was probably more related

to the seasonal occurrence that has been consistently recorded in the past.

3.2.6. On the other hand, dramatic changes in dolphin distribution in NWL waters have observed in the spring months during the three-year period. In 2013, dolphin regularly occurred throughout the NWL survey area, with higher concentration around Sha Chau and Lung Kwu Chau as well as near Black Point. In 2014, dolphin still occurred around Lung Kwu Chau at a high level, but less frequently in the middle portion of North Lantau region. In 2014, they rarely occurred in NWL survey area with scattered sightings without any particular concentration. The temporal trend indicated that dolphin usage in the NWL region has greatly diminished during the spring months of the past few years.

3.3. Encounter rate

3.3.1. During the present three-month study period, the encounter rates of Chinese White Dolphins deduced from the survey effort and on-effort sighting data from the primary transect lines under favourable conditions (Beaufort 3 or below) for each set of the surveys in NEL and NWL are shown in Table 2. The average encounter rates deduced from the six sets of surveys were also compared with the ones deduced from the baseline monitoring period (September – November 2011) (Table 3).

Table 2. Dolphin encounter rates (sightings per 100 km of survey effort) during March-May 2015

SURVEY AREA	DOLPHIN MONITORING DATES	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
Northeast Lantau	Set 1 (4 & 11 Mar 2015)	0.00	0.00
	Set 2 (17 & 26 Mar 2015)	0.00	0.00
	Set 3 (8 & 10 Apr 2015)	0.00	0.00
	Set 4 (17 & 22 Apr 2015)	0.00	0.00
	Set 5 (4 & 8 May 2015)	0.00	0.00
	Set 6 (14 & 18 May 2015)	0.00	0.00
Northwest Lantau	Set 1 (4 & 11 Mar 2015)	1.42	9.93
	Set 2 (17 & 26 Mar 2015)	0.00	0.00
	Set 3 (8 & 10 Apr 2015)	1.40	4.20
	Set 4 (17 & 22 Apr 2015)	0.00	0.00
	Set 5 (4 & 8 May 2015)	0.00	0.00
	Set 6 (14 & 18 May 2015)	0.00	0.00

Table 3. Comparison of average dolphin encounter rates from impact monitoring period (March-May 2015) and baseline monitoring period (September – November 2011) (Note: encounter rates deduced from the baseline monitoring period have been recalculated based only on survey effort and on-effort sighting data made along the primary transect lines under favourable conditions; ± denotes the standard deviation of the 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)	
	March-May 2015	**September - November 2011**	**March-May 2015**	**September - November 2011**
Northeast Lantau	0.00	6.00 ± 5.05	0.00	22.19 ± 26.81
Northwest Lantau	0.47 ± 0.73	9.85 ± 5.85	2.36 ± 4.07	44.66 ± 29.85

3.3.2. To facilitate the comparison with the AFCD long-term monitoring results, the encounter rates were also calculated for the present quarter using both primary and secondary survey effort. The encounter rates of sightings (STG) and dolphins (ANI) in NWL were 0.75 sightings and 3.91 dolphins per 100 km of survey effort respectively, while the encounter rates of sightings (STG) and dolphins (ANI) in NEL were both nil for this quarter.

3.3.3. In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact monitoring period were zero, and such low occurrence of dolphins in NEL have been consistently recorded in the past nine quarters (Table 4). It is a serious concern that dolphin occurrence in NEL in the nine quarters (0.0-1.0 for ER(STG) and 0.0-3.9 for ER(ANI)) have been exceptionally low when compared to the baseline period (Table 4). Dolphins have almost vacated from NEL waters since January 2014, with only one group of four dolphins sighted since then.

3.3.4. Moreover, the average dolphin encounter rates (STG and ANI) in NWL during the present impact phase monitoring period were also much lower (reductions of 95.2% and 94.7% respectively) than the ones recorded in the 3-month baseline period, indicating a dramatic decline in dolphin usage of this survey area during the present impact phase period (Table 5).

3.3.5. Even within the same spring quarters, the dolphin encounter rates in NWL during spring 2015 were small fractions of the ones recorded in spring 2013 and 2014 (Table 5).

Table 4. Comparison of average dolphin encounter rates in Northeast Lantau survey area from all quarters of impact monitoring period and baseline monitoring period (September-November 2011) (Note: encounter rates deduced from the baseline monitoring period have been recalculated based only on survey effort and on-effort sighting data made along the primary transect lines under favourable conditions; the encounter rates in spring months were highlighted in blue; ± denotes the standard deviation of the 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)
September-November 2011 (Baseline)	6.00 ± 5.05	22.19 ± 26.81
December 2012-February 2013 (Impact)	3.14 ± 3.21	6.33 ± 8.64
March-May 2013 (Impact)	0.42 ± 1.03	0.42 ± 1.03
June-August 2013 (Impact)	0.88 ± 1.36	3.91 ± 8.36
September-November 2013 (Impact)	1.01 ± 1.59	3.77 ± 6.49
December 2013-February 2014 (Impact)	0.45 ± 1.10	1.34 ± 3.29
March-May 2014 (Impact)	0.00	0.00
June-August 2014 (Impact)	0.42 ± 1.04	1.69 ± 4.15
September-November 2014 (Impact)	0.00	0.00
December 2014-February 2015 (Impact)	0.00	0.00
March-May 2015 (Impact)	0.00	0.00

Table 5. Comparison of average dolphin encounter rates in Northwest Lantau survey area from all quarters of impact monitoring period and baseline monitoring period (September-November 2011) (Note: encounter rates deduced from the baseline monitoring period have been recalculated based only on survey effort and on-effort sighting data made along the primary transect lines under favourable conditions; the encounter rates in spring months were highlighted in blue; ± denotes the standard deviation of the 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)
September-November 2011 (Baseline)	9.85 ± 5.85	44.66 ± 29.85
December 2012-February 2013 (Impact)	8.36 ± 5.03	35.90 ± 23.10
March-May 2013 (Impact)	7.75 ± 3.96	24.23 ± 18.05
June-August 2013 (Impact)	6.56 ± 3.68	27.00 ± 18.71
September-November 2013 (Impact)	8.04 ± 1.10	32.48 ± 26.51
December 2013-February 2014 (Impact)	8.21 ± 2.21	32.58 ± 11.21
March-May 2014 (Impact)	6.51 ± 3.34	19.14 ± 7.19
June-August 2014 (Impact)	4.74 ± 3.84	17.52 ± 15.12
September-November 2014 (Impact)	5.10 ± 4.40	20.52 ± 15.10
December 2014-February 2015 (Impact)	2.91 ± 2.69	11.27 ± 15.19
March-May 2015 (Impact)	0.47 ± 0.73	2.36 ± 4.07

3.3.5. Notably, the first eight consecutive quarters have triggered the Action Levels under the Event and Action Plan, while the previous and present quarters have both triggered the Limit Levels. As discussed recently in Hung (2014), the dramatic decline in dolphin usage of NEL waters in 2012 and 2013 (including the declines in abundance, encounter rate and habitat use in NEL, as well as shifts of individual core areas and ranges away from NEL waters) was possibly related to the HZMB construction works that were commenced in 2012. It appeared that such noticeable decline has already extended to NWL waters progressively in 2013 and 2014.

3.3.6. A two-way ANOVA with repeated measures and unequal sample size was conducted to examine whether there were any significant differences in the average encounter rates between the baseline and impact monitoring periods. The two variables that were examined included the two periods (baseline and impact phases) and two locations (NEL and NWL).

3.3.7. For the comparison between the baseline period and the present quarter (tenth quarter of the impact phase being assessed), the p-values for the differences in average dolphin encounter rates of STG and ANI were 0.0015 and 0.0139 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in both dolphin encounter rates of STG and ANI.

3.3.8. For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first ten quarters of the impact phase being assessed), the p-values for the differences in average dolphin encounter rates of STG and ANI were 0.0004 and 0.0001 respectively. Even if the alpha value is set at 0.01, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.3.9. As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in NEL and NWL waters in the present quarterly period, and such low occurrence has been consistently documented in previous quarters. This raises serious concern, as the decline in dolphin usage in North Lantau waters could possibly link to the HZMB-related construction activities.

3.3.10. To ensure the continuous usage of North Lantau waters by the dolphins, every possible measure should be implemented by the contractors and relevant authorities to minimize all disturbances to the dolphins.

3.4. Group size

3.4.1. Group size of Chinese White Dolphins ranged from one to eight individuals per group in North Lantau region during March to May 2015. The average dolphin group sizes from these three months were compared with the ones deduced from the baseline period in September to November 2011, as shown in Table 6.

Table 6. Comparison of average dolphin group sizes from impact monitoring period (March – May 2015) and baseline monitoring period (September – November 2011) (Note: ± denotes the standard deviation of the average group size)

	Average Dolphin Group Size	
	March – May 2015	**September – November 2011**
Overall	3.57 ± 2.82 (n = 7)	3.72 ± 3.13 (n = 66)
Northeast Lantau	0.00	3.18 ± 2.16 (n = 17)
Northwest Lantau	3.57 ± 2.82 (n = 7)	3.92 ± 3.40 (n = 49)

3.4.2. The average dolphin group sizes in NWL waters during March to May 2015 were slightly smaller than the ones recorded during the three-month baseline period (Table 6). Five of the seven groups were composed of 1-3 individuals only, while none of the dolphin group had more than 10 individuals.

3.4.3. Distribution of dolphins with larger group sizes (five individuals or more per group) during the present quarter is shown in Figure 3, with comparison to the one in baseline period. During the spring of 2015, distribution of the two larger dolphin groups were located near Black Point and to the west of the airport (Figure 3). This distribution pattern was drastically different from the baseline period, when the larger dolphin groups were distributed more evenly in NWL waters with a few more sighted in NEL waters (Figure 3).

3.4.4. Notably, none of the larger dolphin groups were sighted near the HKLR03 reclamation site during the present monitoring period (Figure 3).

3.5. Habitat use

3.5.1. From March to May 2015, there was no particular habitat that was heavily utilized by Chinese White Dolphins in North Lantau waters, as only four grids recorded the presence of dolphins during on-effort search (Figures 4a and 4b). As in the previous quarters, none of the grids in NEL recorded the presence of dolphins in the present quarter. Moreover, all grids near HKLR03/HKBCF

reclamation sites, HKLR09 or TMCLKL alignment did not record any presence of dolphins during on-effort search in the present quarterly period.

3.5.2. It should be emphasized that the amount of survey effort collected in each grid during the three-month period was fairly low (6-12 units of survey effort for most grids), and therefore the habitat use pattern derived from the three-month dataset should be treated with caution. A more complete picture of dolphin habitat use pattern will be presented when more survey effort for each grid will be collected throughout the impact phase monitoring programme.

3.5.3. When compared with the habitat use patterns during the baseline period, dolphin usage in NEL and NWL has dramatically diminished during the present impact monitoring period (Figure 5). During the baseline period, nine grids between Siu Mo To and Shum Shui Kok recorded moderately high to high dolphin densities, which was in stark contrast to complete absence of dolphins during the present impact phase period (Figure 5).

3.5.4. The density patterns between the baseline and impact phase monitoring periods were also very different in NWL, with higher dolphin usage around Sha Chau, near Black Point, to the west of the airport, as well as between Pillar Point and airport platform during the baseline period. However, these once-highly utilized habitats in the past only recorded rare presence of dolphins during the present impact phase period (Figure 5).

3.6. Mother-calf pairs

3.6.1. During the present quarterly period, no young calves (i.e. unspotted calves or unspotted juveniles) for the second consecutive quarter among the eleven quarters of impact phase monitoring. This absence of young calves is also in stark contrast to their regular occurrence during the baseline period. Their absences should be of a serious concern, and the occurrence of calves should be closely monitored in the upcoming quarters.

3.7. Activities and associations with fishing boats

3.7.1. Three dolphin sightings were associated with feeding activities, while only one sighting of dolphin was associated with socializing activity during the three-month study period.

3.7.2. The percentage of sightings associated with feeding activities during the present quarter (42.9%) was much higher than the one recorded during the baseline period (11.6%). On the other hand, the percentage of socializing activities during the present impact phase monitoring period (14.3%) was slightly higher than the one recorded during the baseline period (5.4%).

However, the higher percentages of both feeding and socializing activities were probably due to the overall small sample size of dolphin sightings. Notably, none of the seven dolphin groups were engaged in traveling or milling/resting behaviour.

3.7.3. Distribution of dolphins engaged in feeding and socializing activities during the present three-month period is shown in Figure 6. The three sightings of feeding activities were located near Black Point, to the north of the airport platform and near HKLR09 alignment adjacent to Sham Wat Bay respectively (Figure 6). The lone sighting associated with socializing activity was located near Black Point as well (Figure 6). Distribution of dolphin sightings associated with these activities during the impact phase was very different from the distribution pattern of these activities during the baseline period (Figure 6).

3.7.4. As in the past monitoring quarters, none of the seven dolphin groups was found to be associated with an operating fishing vessel in North Lantau waters during the present impact phase period. The extremely rare events of fishing boat association in the present and previous quarters were consistently found, and were likely related to the recent trawl ban being implemented in December 2012 in Hong Kong waters.

3.8. Summary of photo-identification works

3.8.1. From March to May 2015, over 800 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.8.2. In total, 16 individuals sighted 18 times altogether were identified (see summary table in Annex III and photographs of identified individuals in Annex IV). All of these 18 re-sightings were made in NWL.

3.8.3. The majority of identified individuals were sighted only once during the three-month period, with the exception of two individuals (NL136 and NL284) being sighted thrice.

3.8.4. Two of these 16 individuals (NL123 and NL285) were also sighted in West Lantau waters during the HKLR09 monitoring surveys for the same three-month period, but the locations of their re-sightings in NWL and WL were not too far apart even though they were separated by the HKLR09 bridge alignment.

3.8.5. Three recognized females (NL104, NL123 and NL202) were accompanied with calves during their re-sightings. All three mothers were frequently sighted with their calves throughout the HKLR03 impact phase monitoring period since October 2012.

3.9. Individual range use

3.9.1. Ranging patterns of the 16 individuals identified during the three-month study period were determined by fixed kernel method, and are shown in Annex V.

3.9.2. All identified dolphins sighted in this quarter were utilizing their range use in NWL, but have avoided the NEL waters where many of them have utilized as their core areas in the past (Annex V). This is in contrary to the extensive movements between NEL and NWL survey areas observed in the earlier impact monitoring quarters as well as during the baseline period.

3.9.3. Notably, a mother-calf pair (i.e. NL123 and NL285) sighted in NWL and NEL waters consistently in the past have extended their range use to WL waters in the present quarter. It should be further monitored to examine whether there has been any consistent shifts of home ranges of some individuals from North Lantau to West Lantau, which could also possibly be related to the HZMB-related construction works.

4. Conclusion

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

4.2. Although dolphins rarely occurred in the area of HKLR03 construction in the past and during the baseline monitoring period, it is apparent that dolphin usage has been significantly reduced in NEL in 2012-15, and many individuals have shifted away from the important habitat around the Brothers Islands.

4.3. It is critical to monitor the dolphin usage in North Lantau region in the upcoming quarters, to determine whether the dolphins are continuously affected by the various construction activities in relation to the HZMB-related works, and whether suitable mitigation measure can be applied to revert the situation.

5. References

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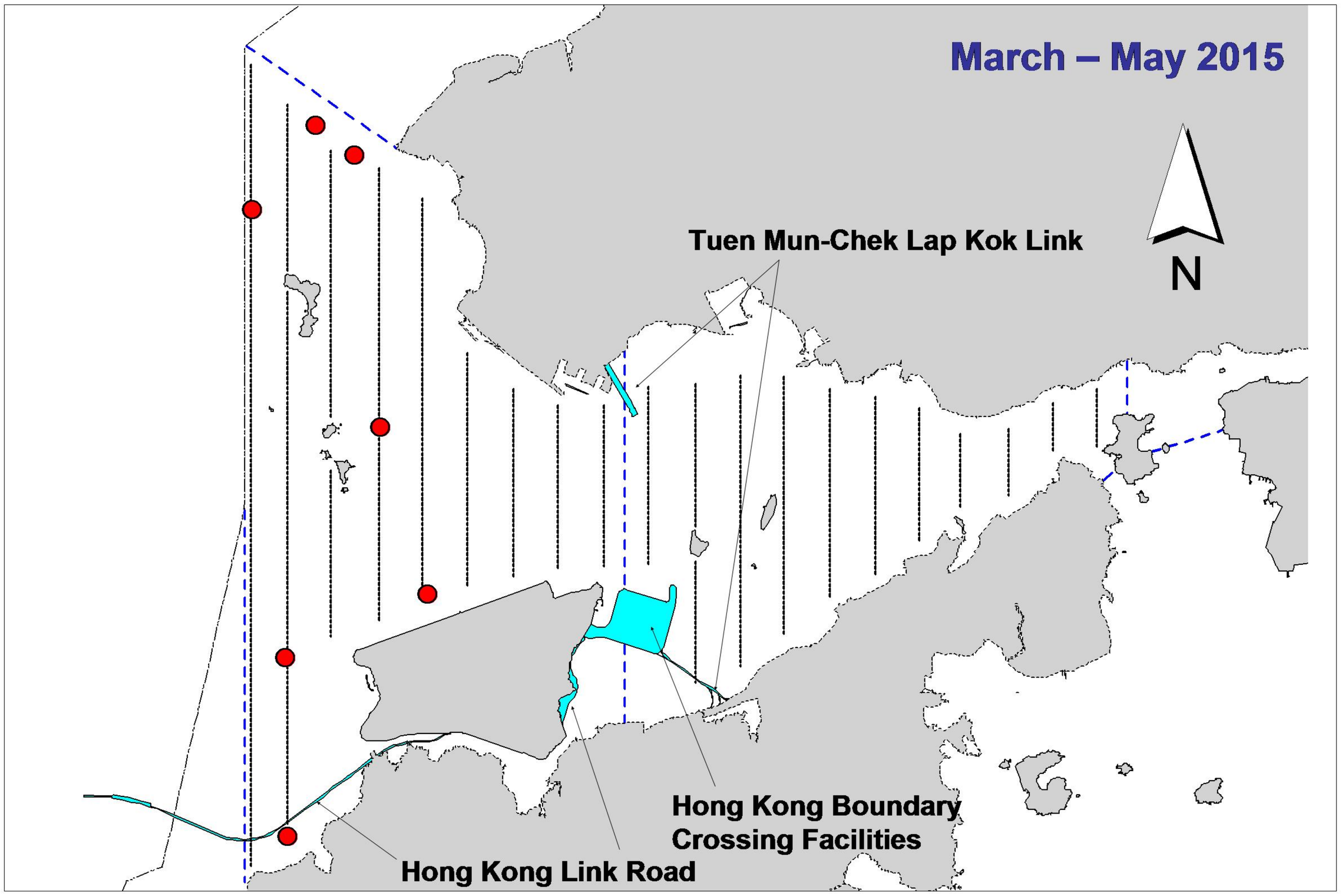


Figure 1. Distribution of Chinese white dolphin sighting in Northwest and Northeast Lantau during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

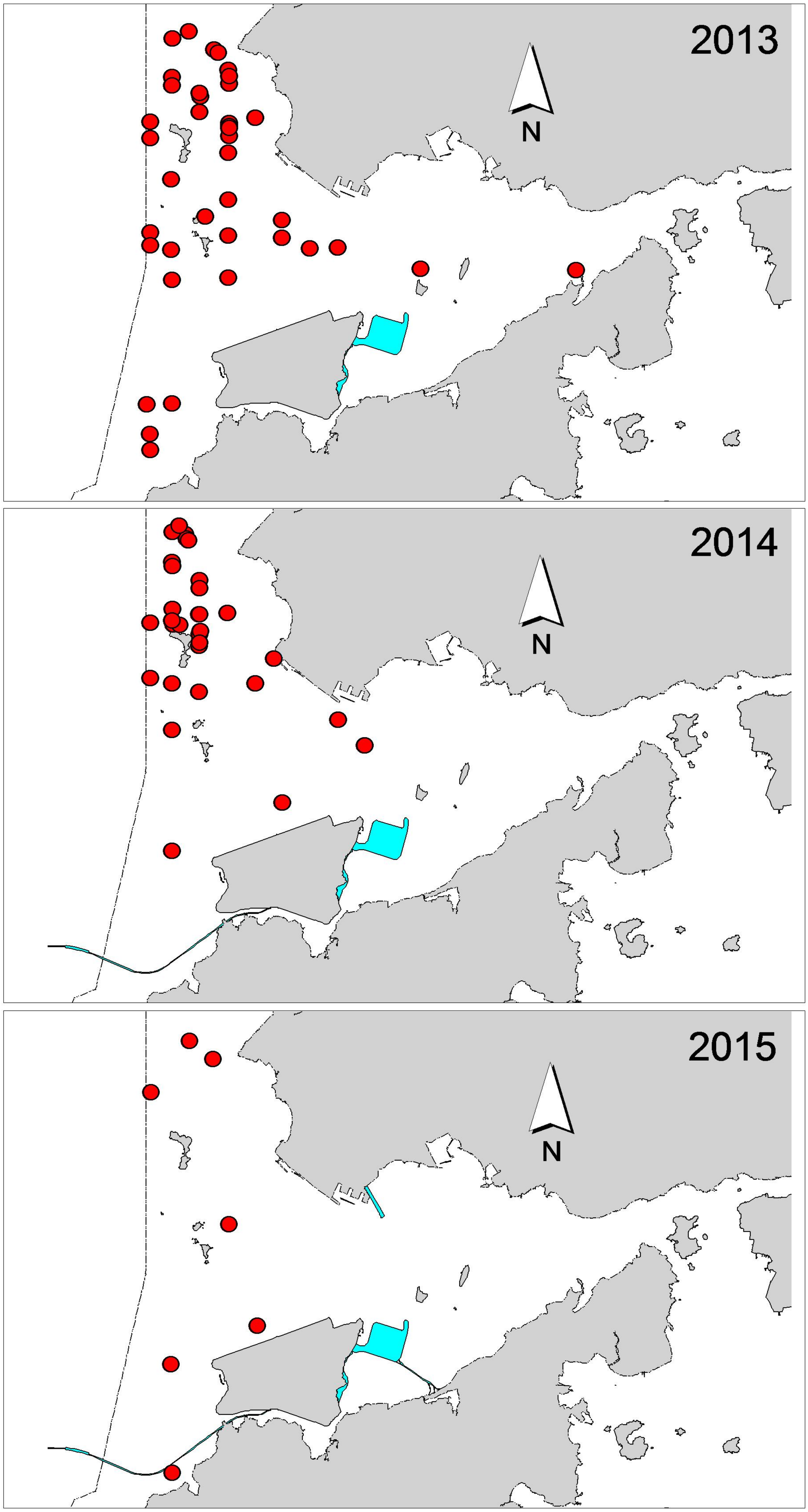


Figure 2. Distribution of Chinese white dolphin sightings in Northwest and Northeast Lantau during the same spring quarters of HKLR03 impact phase in 2013-15

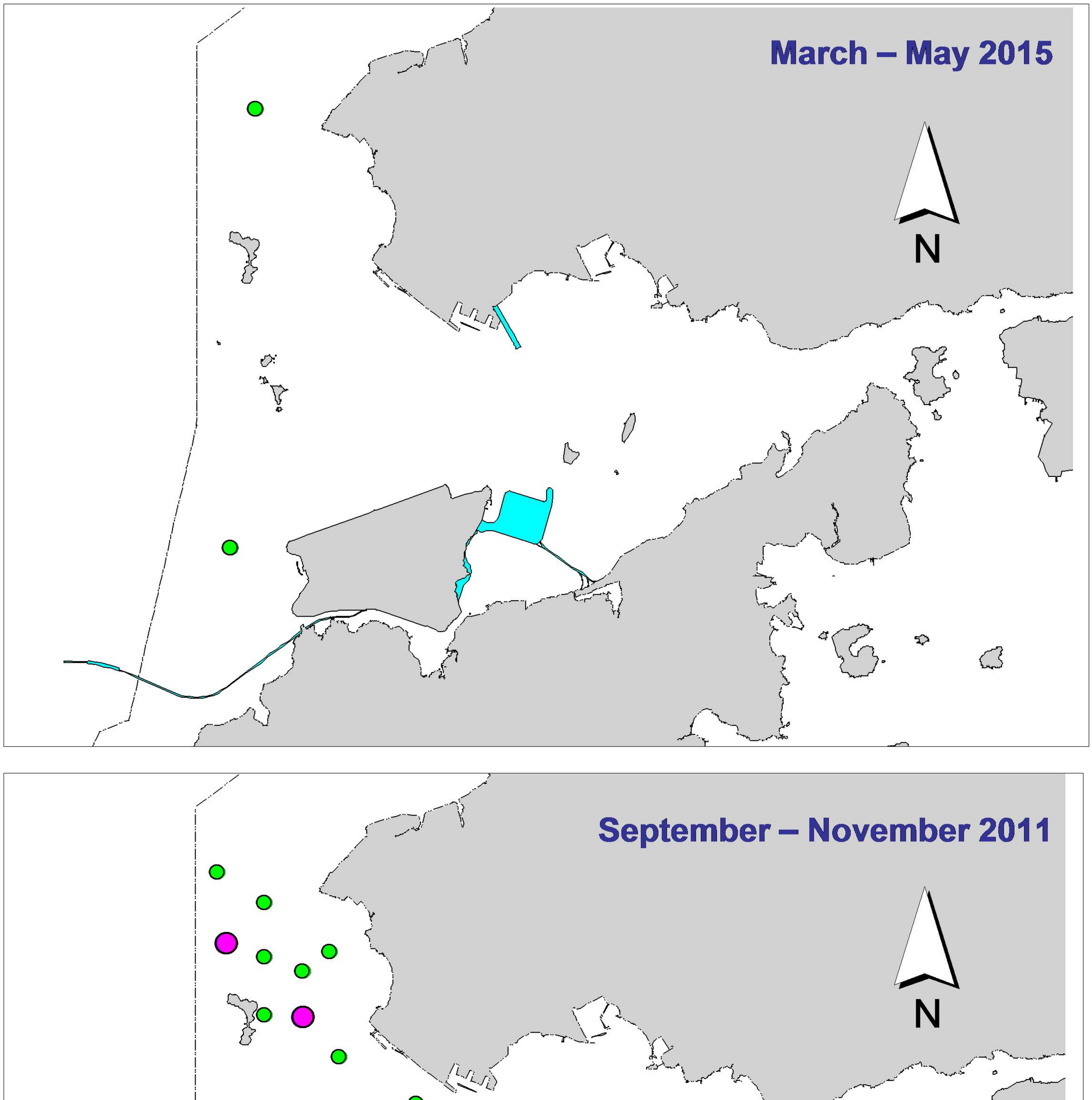


Figure 3. Distribution of Chinese white dolphins with larger group sizes during HKLR03 impact phase (top) and baseline monitoring surveys (bottom) (green dots: group sizes of 5 or more; purple dots: group sizes of 10 or more)

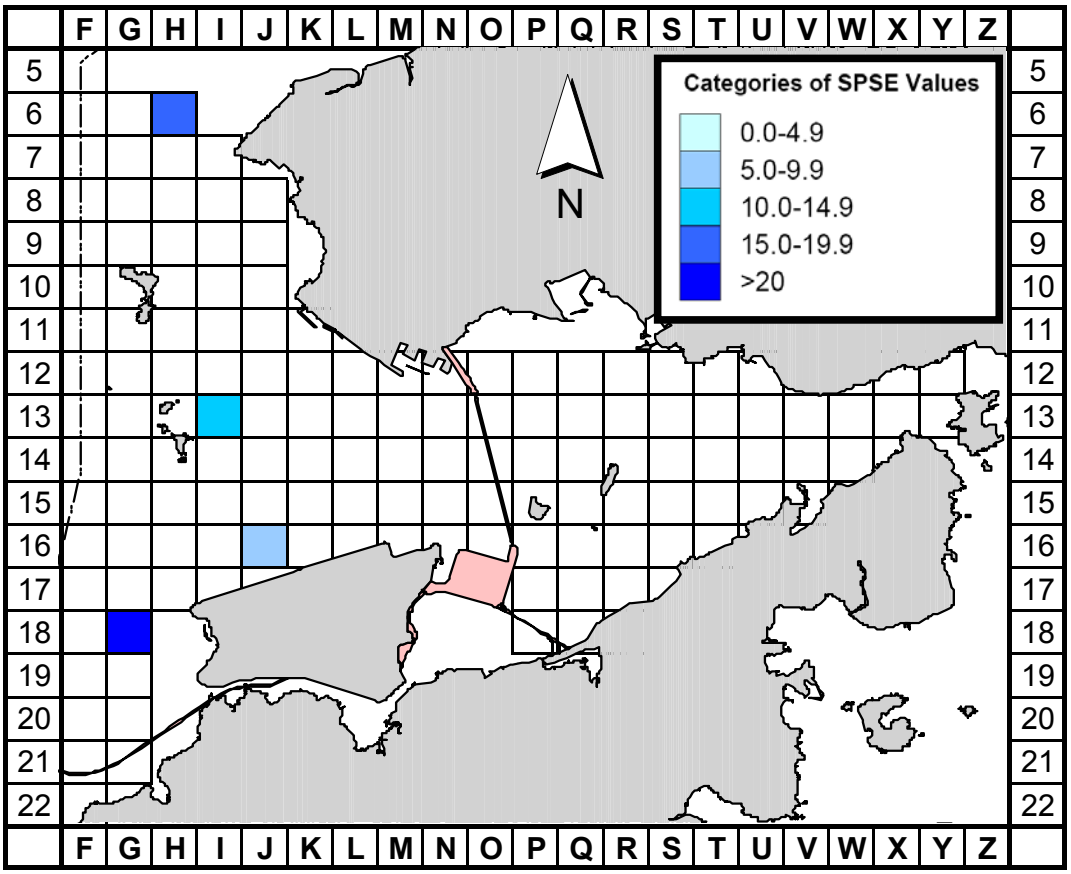


Figure 4a. Sighting density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period monitoring period (Mar-May 15) (SPSE = no. of on-effort sightings per 100 units of survey effort)

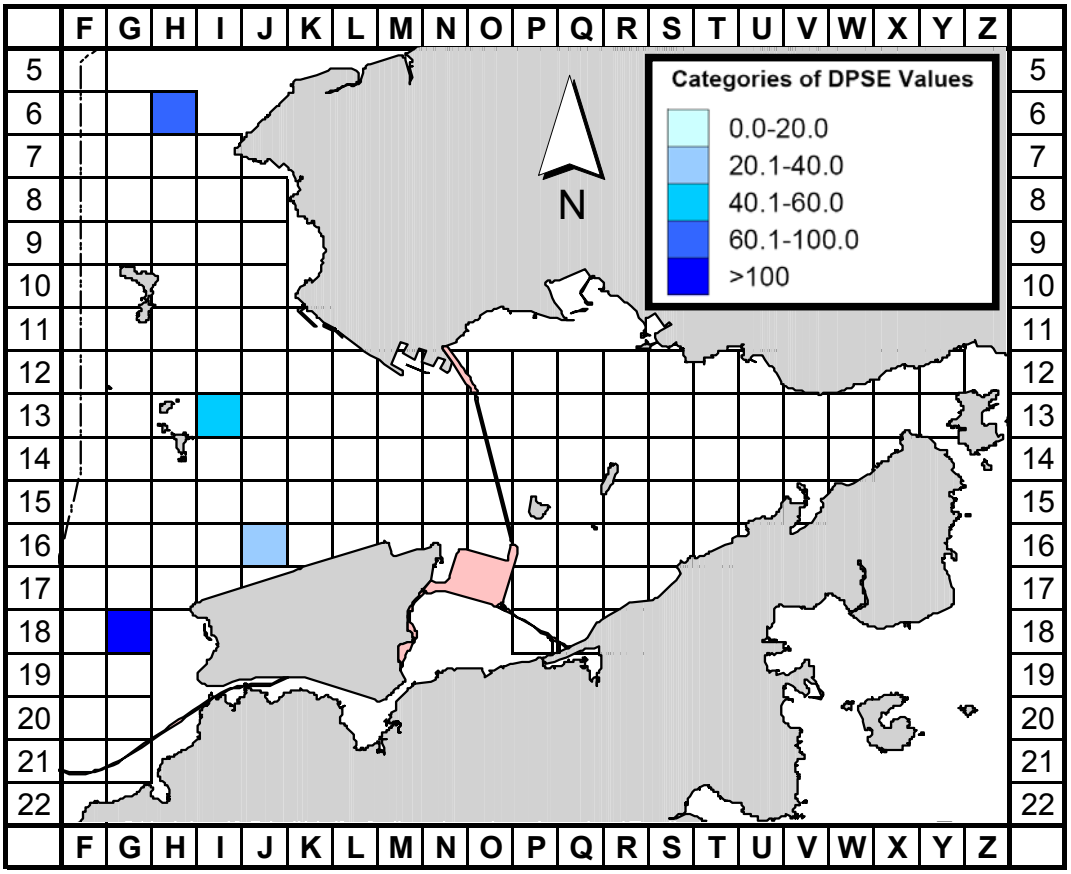


Figure 4b. Density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period (Mar-May 15) (DPSE = no. of dolphins per 100 units of survey effort)

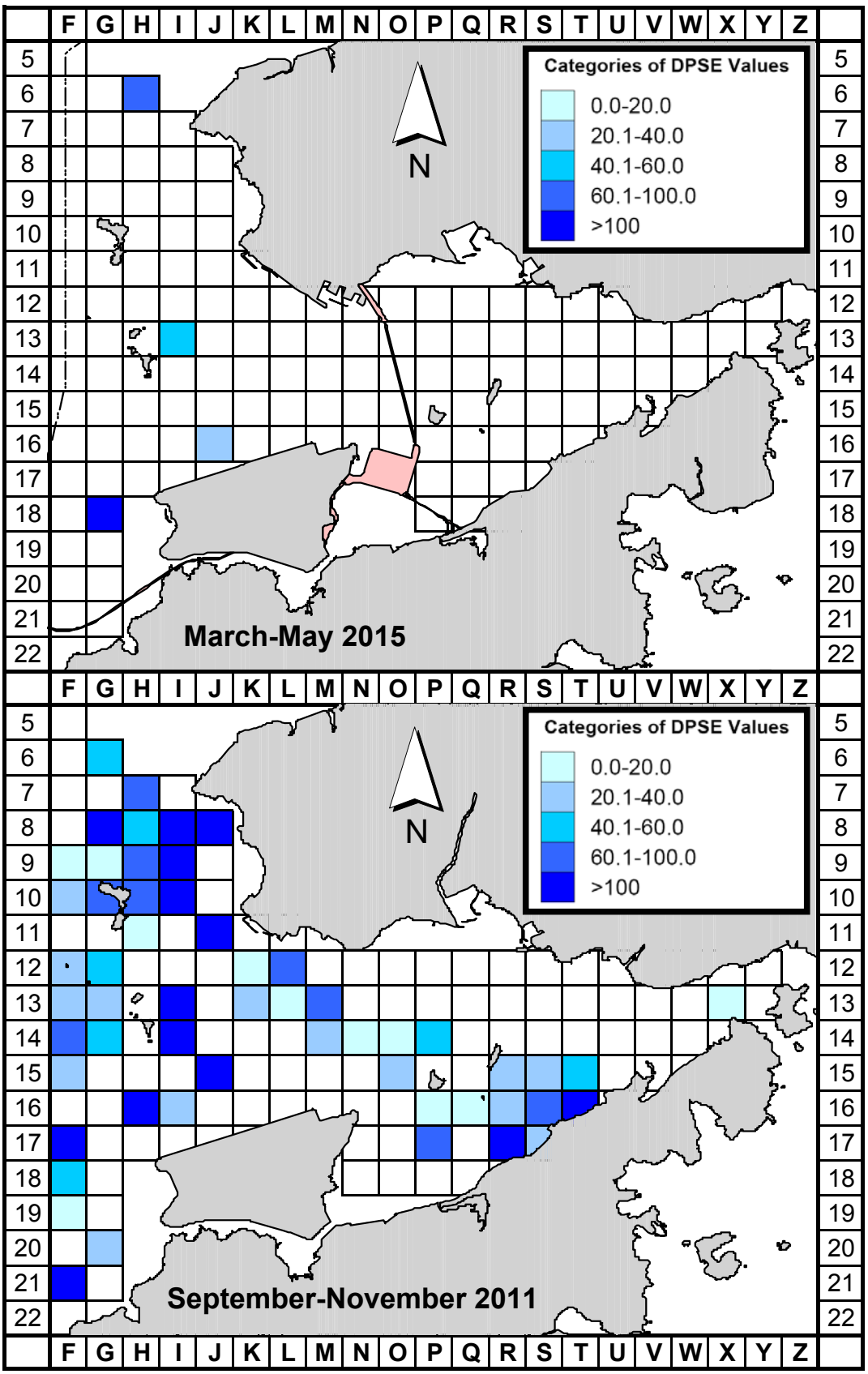


Figure 5. Comparison of density of Chinese white dolphins with corrected survey effort per km^2 in Northwest and Northeast Lantau survey area between the impact monitoring period (March-May 2015) and baseline monitoring period (September-November 2011)
(DPSE = no. of dolphins per 100 units of survey effort)

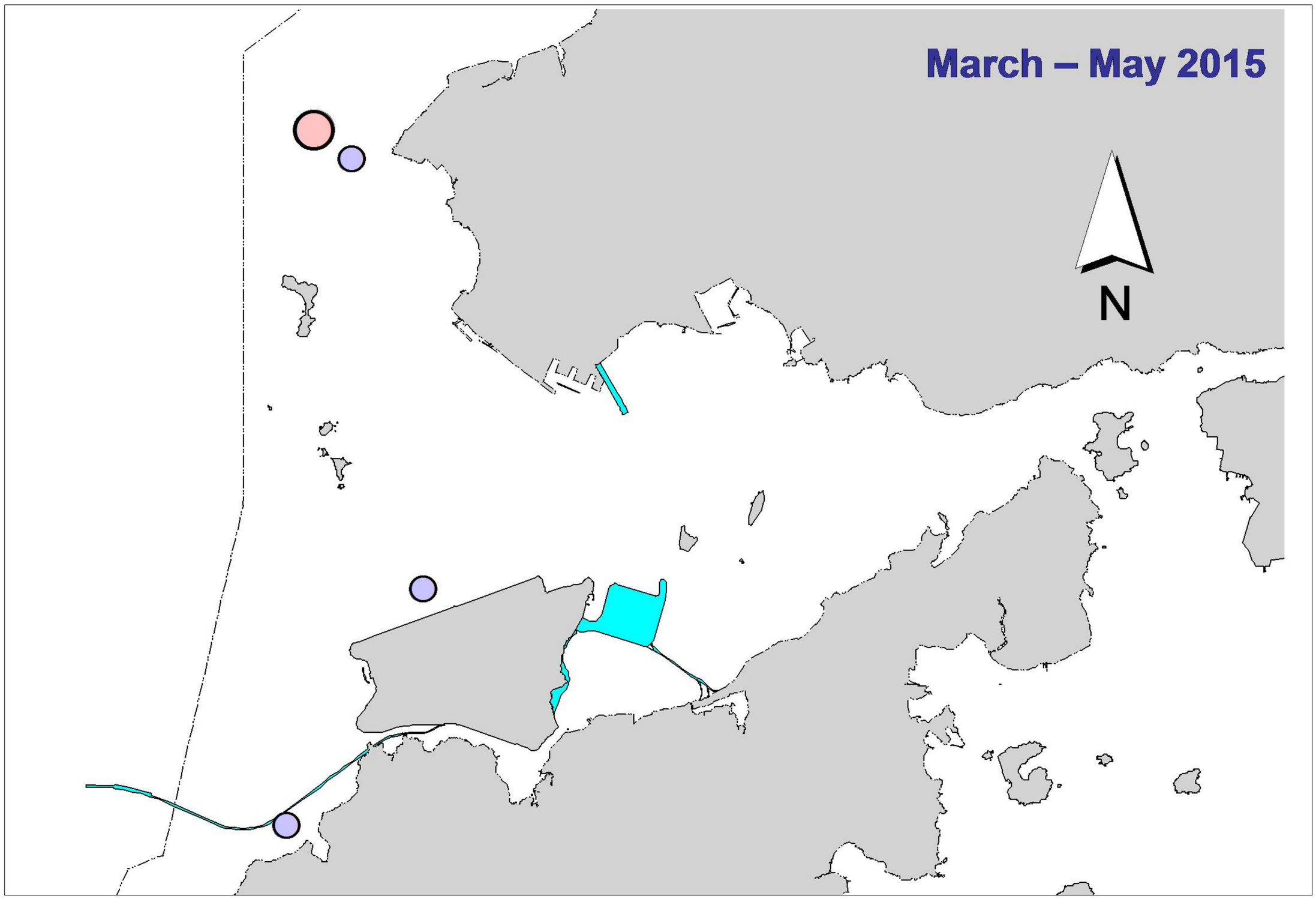


Figure 6. Distribution of Chinese white dolphins engaged in feeding (purple dots), socializing (pink dots) and traveling (green dots) activities during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

Annex I. HKLR03 Survey Effort Database (March-May 2015)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
4-Mar-15	NW LANTAU	1	1.07	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	2	12.71	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	3	25.62	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	4	1.40	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	2	8.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	3	3.30	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	4	1.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	2	5.38	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NE LANTAU	3	12.87	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NE LANTAU	2	3.40	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	3	5.39	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NW LANTAU	2	25.99	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NW LANTAU	3	5.09	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NW LANTAU	2	7.53	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NE LANTAU	2	20.05	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NE LANTAU	2	10.95	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	2	3.26	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	3	36.14	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	4	0.80	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	2	2.20	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	3	10.40	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	14.63	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NE LANTAU	3	1.97	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NE LANTAU	1	1.94	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	7.69	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	3	0.68	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NW LANTAU	1	20.26	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NW LANTAU	2	10.63	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NW LANTAU	2	6.76	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	1	11.38	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NE LANTAU	2	8.40	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NE LANTAU	1	4.32	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	2	6.2	SPRING	STANDARD31516	HKLR	S
8-Apr-15	NE LANTAU	2	14.22	SPRING	STANDARD31516	HKLR	P
8-Apr-15	NE LANTAU	3	5.10	SPRING	STANDARD31516	HKLR	P
8-Apr-15	NE LANTAU	1	0.50	SPRING	STANDARD31516	HKLR	S
8-Apr-15	NE LANTAU	2	9.09	SPRING	STANDARD31516	HKLR	S
8-Apr-15	NE LANTAU	3	0.99	SPRING	STANDARD31516	HKLR	S
8-Apr-15	NW LANTAU	2	4.96	SPRING	STANDARD31516	HKLR	P
8-Apr-15	NW LANTAU	3	25.95	SPRING	STANDARD31516	HKLR	P
8-Apr-15	NW LANTAU	4	0.84	SPRING	STANDARD31516	HKLR	P
8-Apr-15	NW LANTAU	2	2.29	SPRING	STANDARD31516	HKLR	S
8-Apr-15	NW LANTAU	3	5.26	SPRING	STANDARD31516	HKLR	S
10-Apr-15	NW LANTAU	2	14.40	SPRING	STANDARD31516	HKLR	P
10-Apr-15	NW LANTAU	3	26.10	SPRING	STANDARD31516	HKLR	P
10-Apr-15	NW LANTAU	2	9.40	SPRING	STANDARD31516	HKLR	S
10-Apr-15	NW LANTAU	3	4.20	SPRING	STANDARD31516	HKLR	S
10-Apr-15	NE LANTAU	2	15.44	SPRING	STANDARD31516	HKLR	P
10-Apr-15	NE LANTAU	3	1.30	SPRING	STANDARD31516	HKLR	P
10-Apr-15	NE LANTAU	2	10.06	SPRING	STANDARD31516	HKLR	S
17-Apr-15	NW LANTAU	2	4.84	SPRING	STANDARD31516	HKLR	P

Annex I. (cont'd)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
17-Apr-15	NW LANTAU	3	29.76	SPRING	STANDARD31516	HKLR	P
17-Apr-15	NW LANTAU	4	5.8	SPRING	STANDARD31516	HKLR	P
17-Apr-15	NW LANTAU	2	0.3	SPRING	STANDARD31516	HKLR	S
17-Apr-15	NW LANTAU	3	7.6	SPRING	STANDARD31516	HKLR	S
17-Apr-15	NW LANTAU	4	4.8	SPRING	STANDARD31516	HKLR	S
17-Apr-15	NE LANTAU	2	3.60	SPRING	STANDARD31516	HKLR	P
17-Apr-15	NE LANTAU	3	11.51	SPRING	STANDARD31516	HKLR	P
17-Apr-15	NE LANTAU	4	2.21	SPRING	STANDARD31516	HKLR	P
17-Apr-15	NE LANTAU	2	4.41	SPRING	STANDARD31516	HKLR	S
17-Apr-15	NE LANTAU	3	5.07	SPRING	STANDARD31516	HKLR	S
22-Apr-15	NE LANTAU	2	20.00	SPRING	STANDARD31516	HKLR	P
22-Apr-15	NE LANTAU	2	10.90	SPRING	STANDARD31516	HKLR	S
22-Apr-15	NW LANTAU	1	3.24	SPRING	STANDARD31516	HKLR	P
22-Apr-15	NW LANTAU	2	25.27	SPRING	STANDARD31516	HKLR	P
22-Apr-15	NW LANTAU	3	3.37	SPRING	STANDARD31516	HKLR	P
22-Apr-15	NW LANTAU	2	7.07	SPRING	STANDARD31516	HKLR	S
22-Apr-15	NW LANTAU	3	0.85	SPRING	STANDARD31516	HKLR	S
4-May-15	NW LANTAU	2	18.60	SPRING	STANDARD31516	HKLR	P
4-May-15	NW LANTAU	3	13.60	SPRING	STANDARD31516	HKLR	P
4-May-15	NW LANTAU	2	2.30	SPRING	STANDARD31516	HKLR	S
4-May-15	NW LANTAU	3	4.80	SPRING	STANDARD31516	HKLR	S
4-May-15	NE LANTAU	1	3.54	SPRING	STANDARD31516	HKLR	P
4-May-15	NE LANTAU	2	10.73	SPRING	STANDARD31516	HKLR	P
4-May-15	NE LANTAU	3	5.40	SPRING	STANDARD31516	HKLR	P
4-May-15	NE LANTAU	2	8.13	SPRING	STANDARD31516	HKLR	S
4-May-15	NE LANTAU	3	2.70	SPRING	STANDARD31516	HKLR	S
8-May-15	NW LANTAU	2	7.57	SPRING	STANDARD31516	HKLR	P
8-May-15	NW LANTAU	3	33.53	SPRING	STANDARD31516	HKLR	P
8-May-15	NW LANTAU	2	2.30	SPRING	STANDARD31516	HKLR	S
8-May-15	NW LANTAU	3	11.20	SPRING	STANDARD31516	HKLR	S
8-May-15	NE LANTAU	2	4.55	SPRING	STANDARD31516	HKLR	P
8-May-15	NE LANTAU	3	12.74	SPRING	STANDARD31516	HKLR	P
8-May-15	NE LANTAU	2	6.25	SPRING	STANDARD31516	HKLR	S
8-May-15	NE LANTAU	3	3.66	SPRING	STANDARD31516	HKLR	S
14-May-15	NE LANTAU	2	12.61	SPRING	STANDARD31516	HKLR	P
14-May-15	NE LANTAU	3	4.43	SPRING	STANDARD31516	HKLR	P
14-May-15	NE LANTAU	2	9.96	SPRING	STANDARD31516	HKLR	S
14-May-15	NW LANTAU	2	5.56	SPRING	STANDARD31516	HKLR	P
14-May-15	NW LANTAU	3	34.27	SPRING	STANDARD31516	HKLR	P
14-May-15	NW LANTAU	4	0.60	SPRING	STANDARD31516	HKLR	P
14-May-15	NW LANTAU	2	8.17	SPRING	STANDARD31516	HKLR	S
14-May-15	NW LANTAU	3	4.80	SPRING	STANDARD31516	HKLR	S
18-May-15	NW LANTAU	2	5.11	SPRING	STANDARD31516	HKLR	P
18-May-15	NW LANTAU	3	24.12	SPRING	STANDARD31516	HKLR	P
18-May-15	NW LANTAU	4	3.40	SPRING	STANDARD31516	HKLR	P
18-May-15	NW LANTAU	2	2.20	SPRING	STANDARD31516	HKLR	S
18-May-15	NW LANTAU	3	4.70	SPRING	STANDARD31516	HKLR	S
18-May-15	NE LANTAU	2	15.10	SPRING	STANDARD31516	HKLR	P
18-May-15	NE LANTAU	3	4.30	SPRING	STANDARD31516	HKLR	P
18-May-15	NE LANTAU	2	10.80	SPRING	STANDARD31516	HKLR	S

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

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

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
04-Mar-15	1	1009	1	NW LANTAU	2	ND	OFF	HKLR	815213	805485	SPRING	NONE	
11-Mar-15	1	1347	1	NW LANTAU	2	ND	OFF	HKLR	829495	806976	SPRING	NONE	
11-Mar-15	2	1519	7	NW LANTAU	2	258	ON	HKLR	818956	805421	SPRING	NONE	P
26-Mar-15	1	1201	3	NW LANTAU	2	21	ON	HKLR	820290	808597	SPRING	NONE	S
08-Apr-15	1	1309	3	NW LANTAU	3	142	ON	HKLR	823791	807532	SPRING	NONE	P
10-Apr-15	1	1103	2	NW LANTAU	2	ND	OFF	HKLR	828359	804688	SPRING	NONE	
22-Apr-15	1	1432	8	NW LANTAU	2	354	ON	HKLR	830139	806113	SPRING	NONE	S

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

ID#	DATE	STG#	AREA
CH34	11/03/15	1	NW LANTAU
NL49	11/03/15	2	NW LANTAU
NL104	22/04/15	1	NW LANTAU
NL123	11/03/15	2	NW LANTAU
NL136	11/03/15	2	NW LANTAU
	08/04/15	1	NW LANTAU
NL153	22/04/15	1	NW LANTAU
NL165	11/03/15	2	NW LANTAU
NL202	22/04/15	1	NW LANTAU
NL236	22/04/15	1	NW LANTAU
NL261	26/03/15	1	NW LANTAU
NL272	26/03/15	1	NW LANTAU
NL284	11/03/15	2	NW LANTAU
	26/03/15	1	NW LANTAU
NL285	11/03/15	2	NW LANTAU
NL286	22/04/15	1	NW LANTAU
NL307	22/04/15	1	NW LANTAU
WL178	04/03/15	1	NW LANTAU

Annex IV. Sixteen individual dolphins that were identified during March-May 2015 under HKLR03 impact phase monitoring surveys





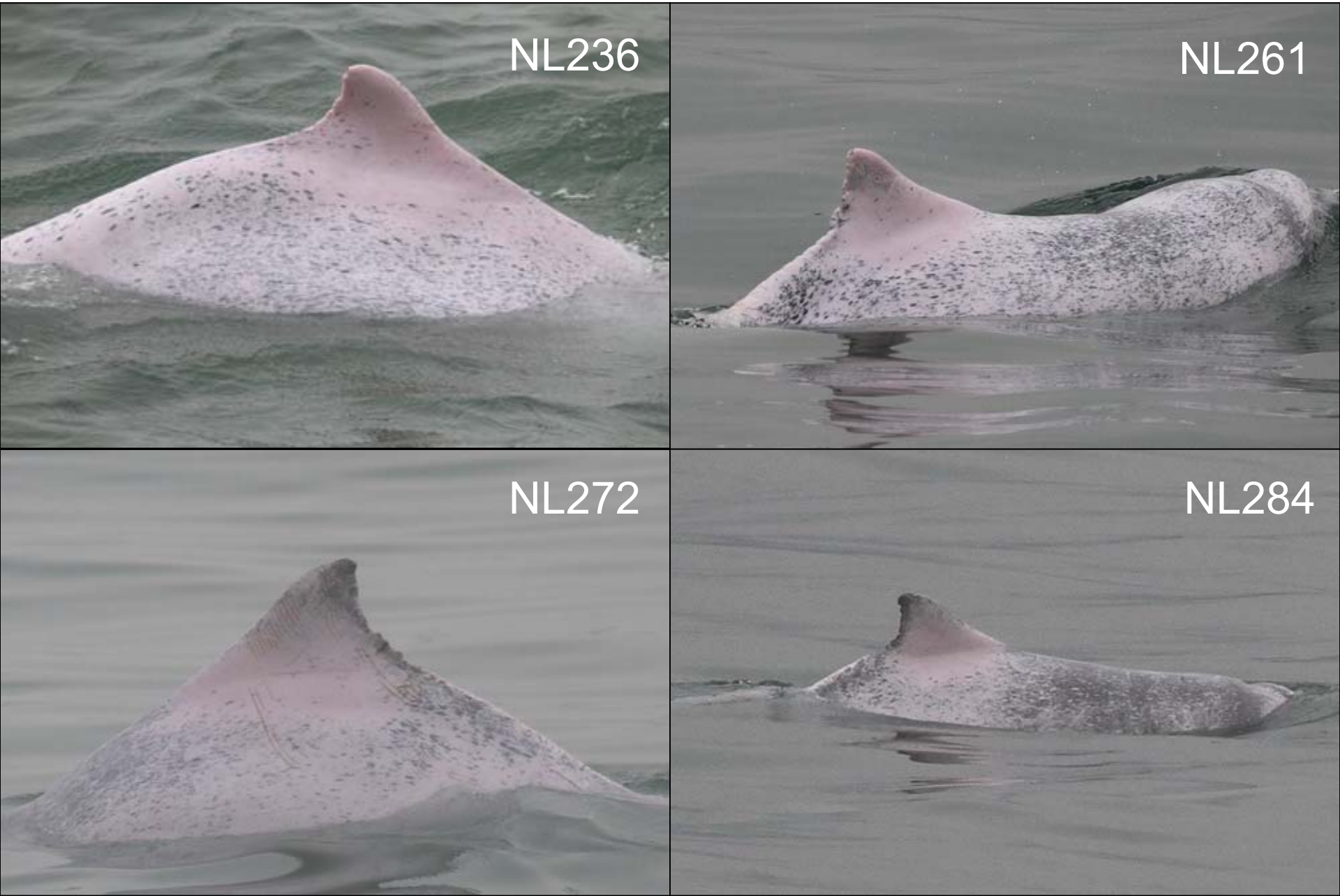




Annex IV. (cont'd)



Annex IV. (cont'd)



Annex IV. (cont'd)

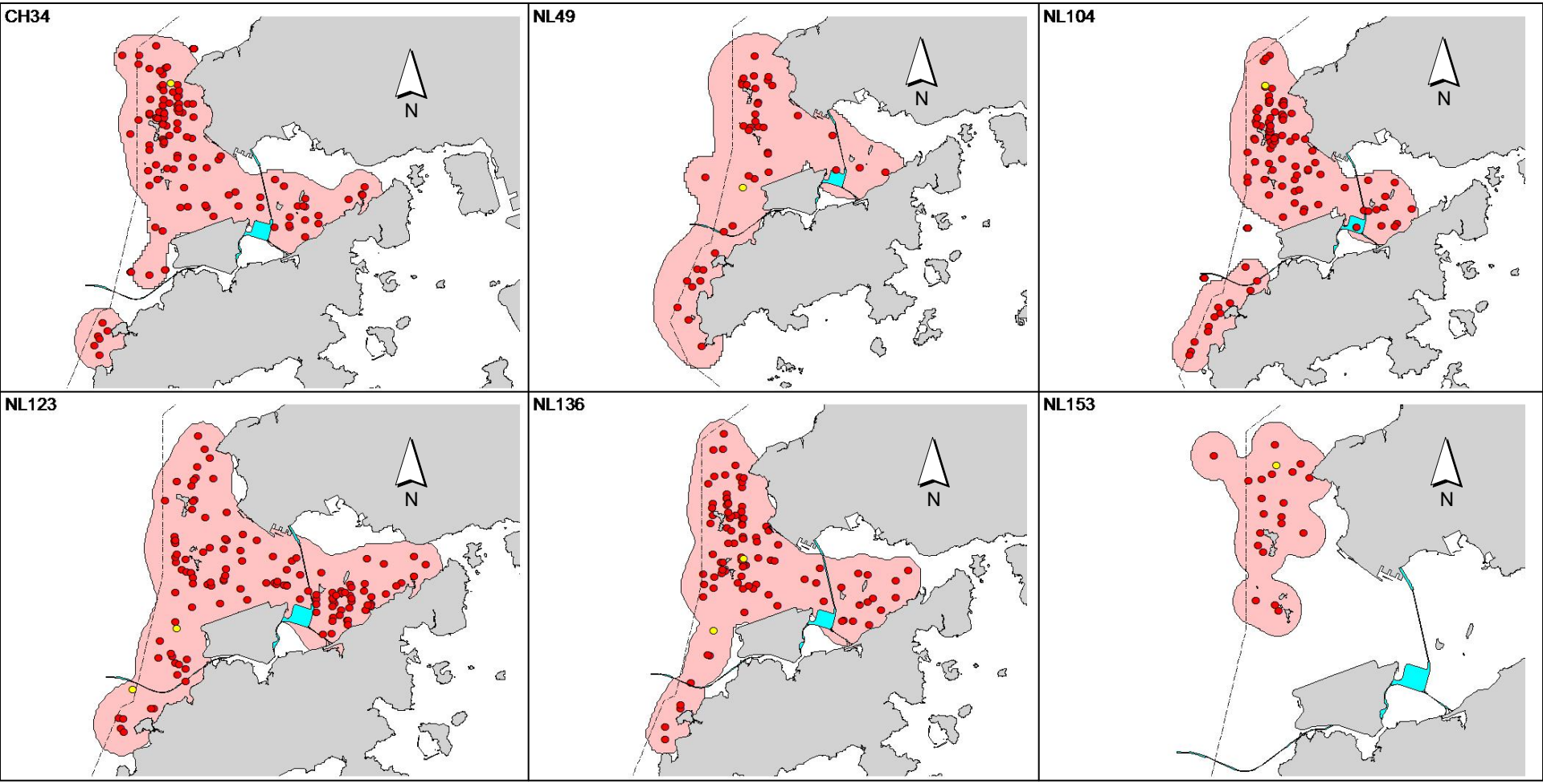




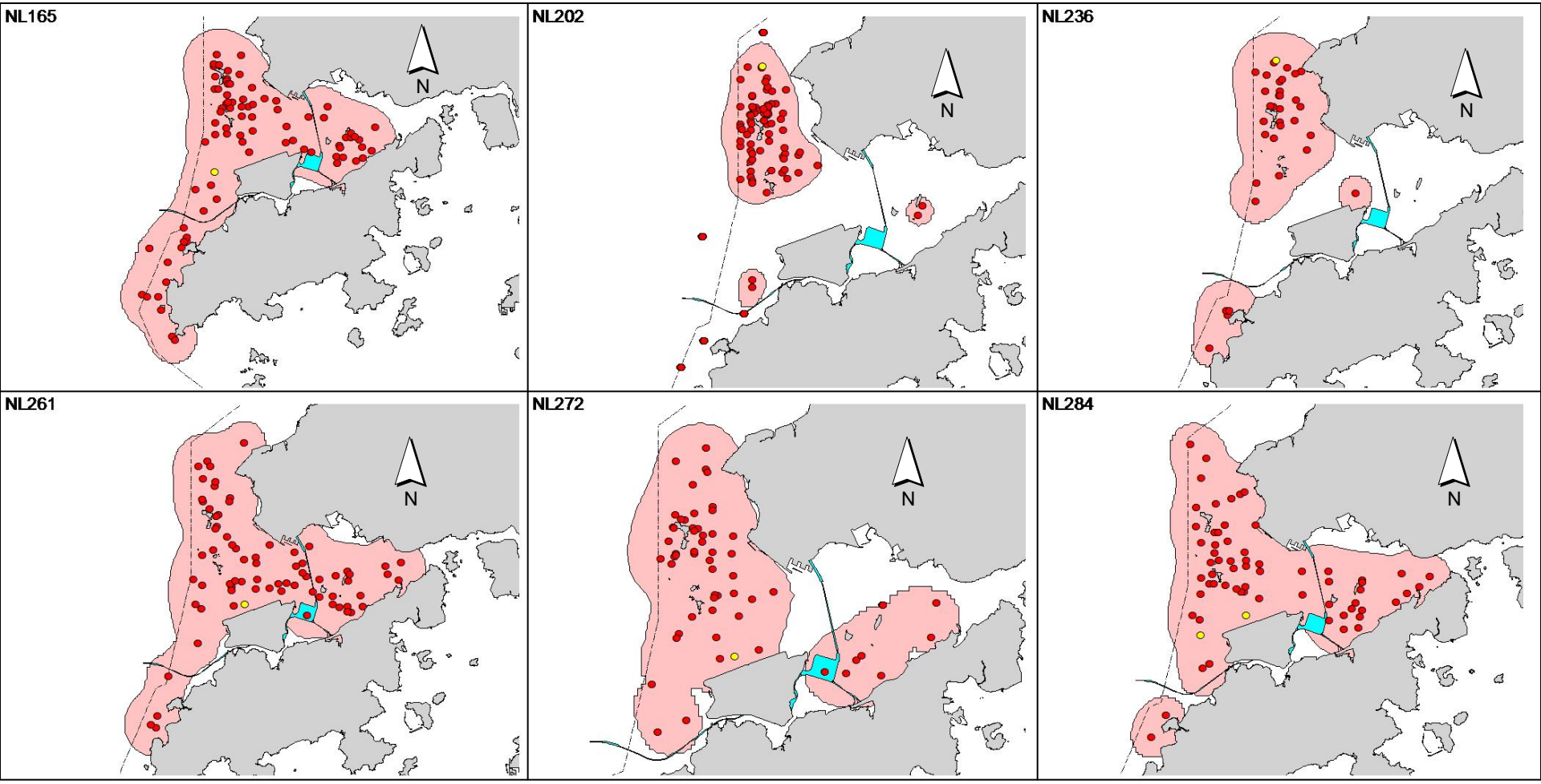




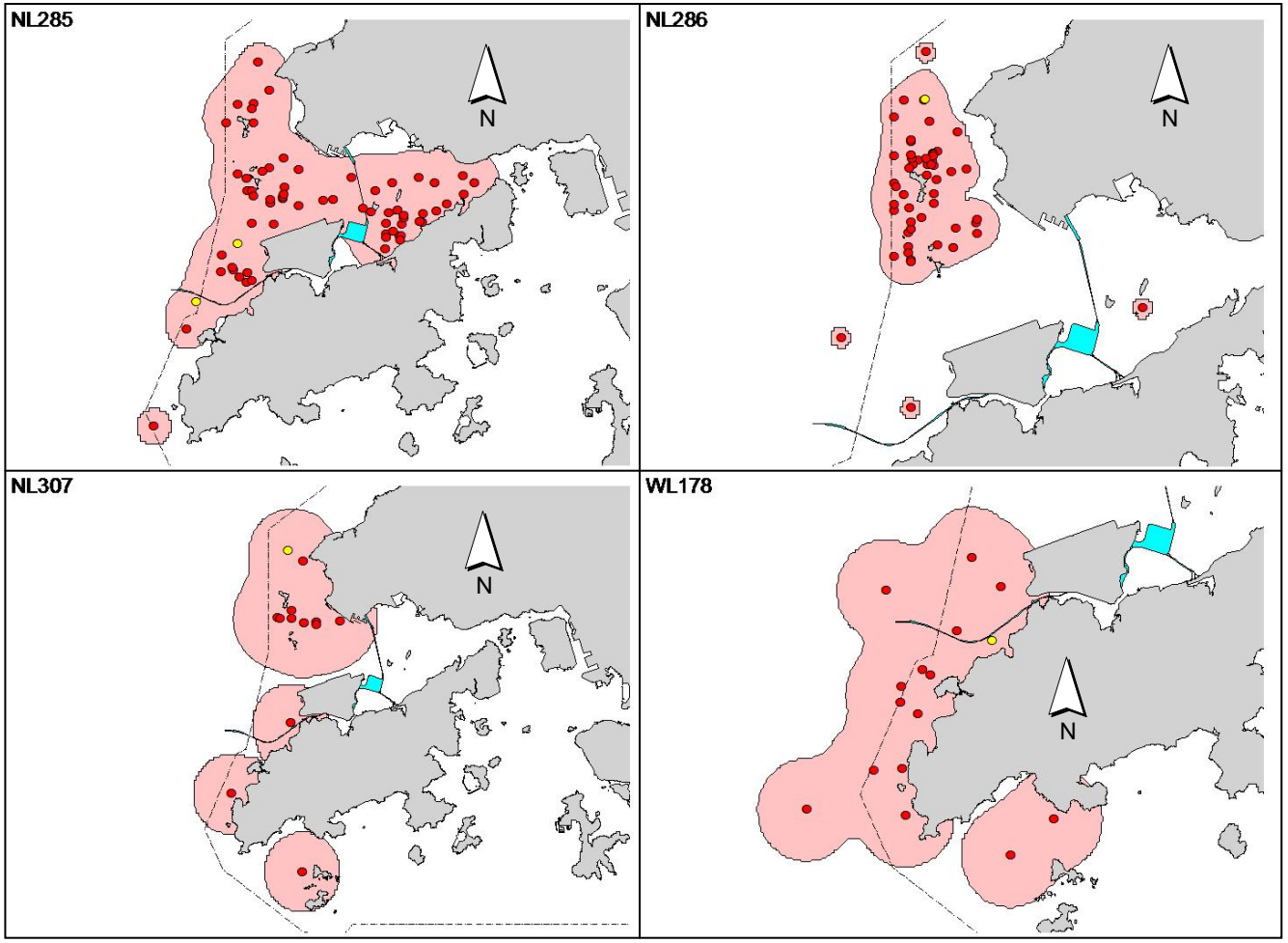
Annex V. Ranging patterns (95% kernel ranges) of 16 individual dolphins that were sighted during HKLR03 impact phase monitoring period (note: yellow dots indicates sightings made in March-May 2015)



Annex V. (cont'd)



Annex V. (cont'd)



APPENDIX K

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2015

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	**Hard Rock and Large Broken Concrete**	**Reused in the Contract *(Note 8)***	**Reused in Other Projects *(Note 8)***	**Disposed as Public Fill *(Note 6)***	**Imported Fill *(Note 6)***	**Metals**	**Paper / Cardboard Packaging**	**Plastics *(Note 3)***	**Chemical Waste**	**Others, e.g. general refuse *(Note 8)***
	(in '000m^3)	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000kg)**	**(in '000kg)**	**(in '000kg)**	**(in '000kg)**	**(in '000m^3)**
Jan	48.460	0.000	33.635	14.687	0.138	3.380	7.500	0.000	0.000	0.000	0.189
Feb	28.973	0.000	8.313	20.634	0.026	19.826	2.700	0.400	0.000	0.000	0.130
Mar	41.562	0.000	21.776	19.786	0.000	35.687	2.800	0.000	0.000	0.000	0.098
Apr	40.002	0.000	12.304	27.698	0.000	22.723	8.970	0.000	0.000	1.239	0.150
May	46.877	0.000	11.038	35.839	0.000	37.790	6.780	0.750	0.000	0.000	0.176
Jun											
Sub-total	205.874	0.000	87.066	118.644	0.164	119.407	28.750	1.150	0.000	1.239	0.741
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
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	205.874	0.000	87.066	118.644	0.164	119.407	28.750	1.150	0.000	1.239	0.741

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

Notes:
(1) The performance target are given in ER Appendix 8J Clause 14
(2) The waste flow table shall also include C&D materials that are not specified in the Contract to be imported for use at the Site
(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
(4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m^3.
(5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for recycling.
(6) Conversion factors for reporting purpose:
excavated (bulk): rock = 2.0 tonnes/m^3; soil = 1.8 tonnes/m^3 , sand=1.9tonnes/m^3 Metal=7.85 tonnes/m^3
(7) Numbers are rounded off to the nearest three decimal places
(8) 30T dump truck carries C&D waste of 8.0m^3; 24T dump truck carries C&D waste of 6.5m^3

APPENDIX L

Summary of Environmental Licenses and Permits

Summary of Environmental Licences and Permits Application and Status

Environmental Permit

Date Application Submitted	Status	Date EP Issued	EP No.	EP Holder	Expiry Date
04.12.2014	VEP issued	22.12.2014	EP-352/2009/D	Highways Department	N/A
16.01.2015	VEP Issued	19.01.2015	EP-353/2009/H	Highways Department	N/A

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

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
25.05.2012	345690	01.06.2012	N/A

Billing Account for Disposal of Construction Waste

Date Application Submitted	Account No	Valid Since	Expiry Date
01.06.2012	7015313	27.06.2012	N/A

Dumping at Sea Ordinance

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

Chemical Waste Producer Registration

Date Registration Submitted	Waste Producer No.	Date Registration Issued	Major Waste Type	Expiry Date
20.06.2012	5213-950-C1169-43	12.07.2012	Spent lubricating oil, spent flammable liquid (diesel), surplus paint, spent organic solvent and their containers, spent batteries, soil containing mineral oil	N/A

Wastewater Discharge License

Item No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017
3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017
4.	15.01.2013	WA 3	Application Ref No.356237 Water Discharge License Ref. WT00015423-2013 was granted on 4 Mar 2013	Valid until 31/03/2018
5.	15.01.2013	WA 4	Application Ref No. 356240 Water Discharge License Ref. WT00016158-2013 was granted on 30 July 2013	Valid until 31/07/2018
6	02.04.2013	Airport Road (Southern)	Water discharge license Ref. 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	31.12.2014	West Portal	Tunnel works	CNP issued on 16.01.2015	GW-RS0053-15	17.01.2015 0000	13.07.2015 2400
2	03.02.2015	Airport Road	Road Works	CNP issued on 12.02.2015	GW-RS0165-15	17.02.2015 1900	16.08.2015 2300
3	06.02.2015	S23	Canopy Pipe Works (Special Case)	CNP issued on 18.02.2015	GW-RS0167-15	23.02.2015 0000	22.08.2015 0500
4	27.02.2015	Reclamation Area	Sheet Piling	CNP issued on 13.03.2015	PP-RS0009-15	15.03.2015 0700	14.09.2015 1900
5	11.03.2015	WA3	Stockpiling/ wastewater treatment	CNP issued on 25.03.2015	GW-RS0294-15	28.03.2015 0000	27.09.2015 2400
6	13.03.2015	Airport Road	Airport Road Maintenance (Special Case)	CNP issued on 27.03.15	GW-RS0310-15	01.04.2015 0000	30.09.2015 0500
7	24.04.2015	S16	Bridge Construction	CNP issued on 11.05.2015	GW-RS0496-15	12.05.2015 1900	11.11.2015 2300
8	05.05.2015	Reclamation Area	Marine and Tunnel Work	CNP issued on 19.05.2015	GW-RS0554-15	20.05.2015 1900	19.11.2015 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
9	05.05.2015	Shaft 1-3	Tunnel works	CNP issued on 19.05.2015	GW-RS0553-15	20.05.2015 1900	19.11.2015 2400
10	07.05.2015	Airport Road	Road Lights Replacement	CNP issued on 14.05.2015	GW-RS0532-15	01.06.2015 2300	30.11.2015 0700
11	07.05.2015	Kwo Lo Wan	RS1 Relocation (Special Case)	CNP issued on 14.05.2015	GW-RS0538-15	21.05.2015 0000	30.06.2015 0500
12	07.05.2015	Tung Fai Road	Cross Road Duct Laying (Special Case)	CNP issued on 14.05.2015	GW-RS0537-15	21.05.2015 2200	30.06.2015 0600
13	15.05.2015	WA4	Loading/ Unloading of stockpiles	CNP issued on 29.05.2015	GW-RW0257-15	04.06.2015 1900	03.12.2015 2300

APPENDIX M

Record of "Notification of Environmental Quality Limit Exceedances

Contract No. HY/2011/03 -

Hong Kong- Zhuhai- Macao Bridge

Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Notifications of Environmental Quality Limits Exceedances Notification No.: 208

Date of Notification: 27th March 2015

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

Monitoring Location: AMS5 – Ma Wan Chung Village

Parameter: 1-hour TSP monitoring

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

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

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

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

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

Zone 2

- Seawall construction

Zone 3A
- Seawall construction

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

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

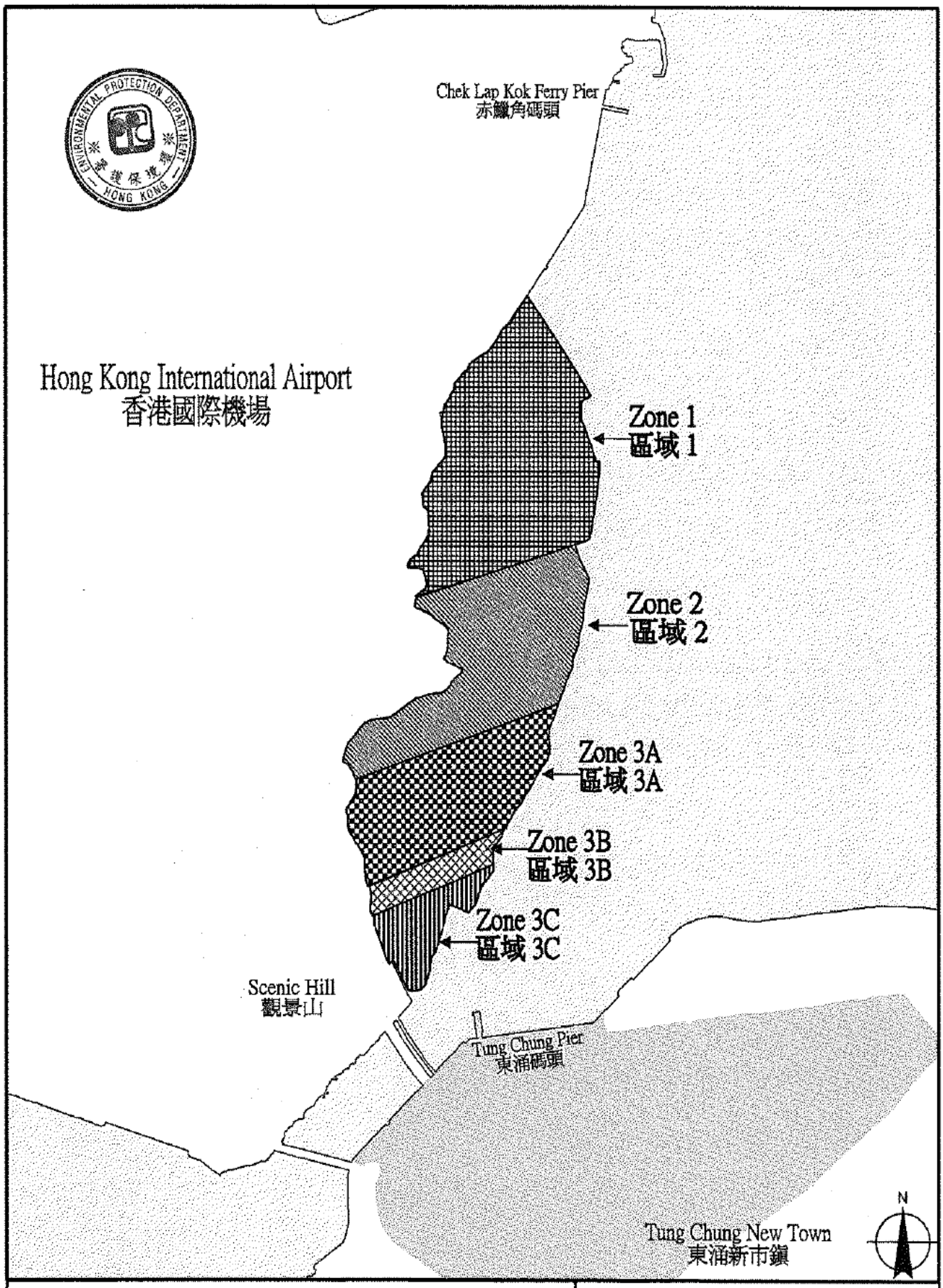
Actions taken/ to be taken:

No immediately actions are required.

Reviewed by : Claudine Lee Title : ET Leader

Date : 27th March 2015

Copied to : Supervising Officer and Contractor



環境保護署 噪音管制監督

Environmental Protection Department 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.: 209

Date of Notification: 27th March 2015

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

Monitoring Location: Water Quality Monitoring Stations

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

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

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

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 04 March 2015, an AL exceedance of suspended solid at station IS8 was recorded during the mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Seawall construction works at Zones 2 and 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station IS8 during the baseline monitoring are shown as below:

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

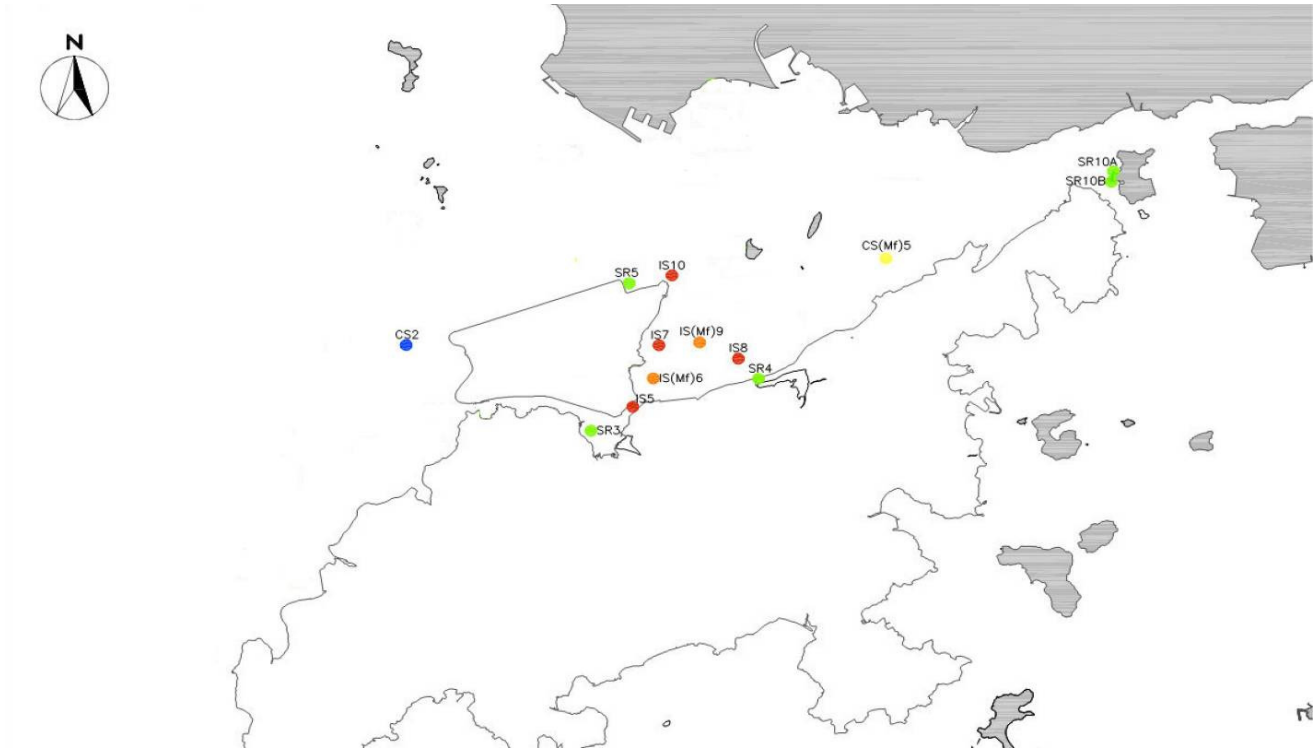
   The measured value at the station IS8 was within the range of suspended solid during baseline monitoring for the mid-flood tide. In addition, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 27th March 2015

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

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

Date of Notification: 27th March 2015

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

Monitoring Location: Water Quality Monitoring Stations

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

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

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

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 09 March 2015, an AL exceedance of suspended solid at station SR4 was recorded during the mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

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

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

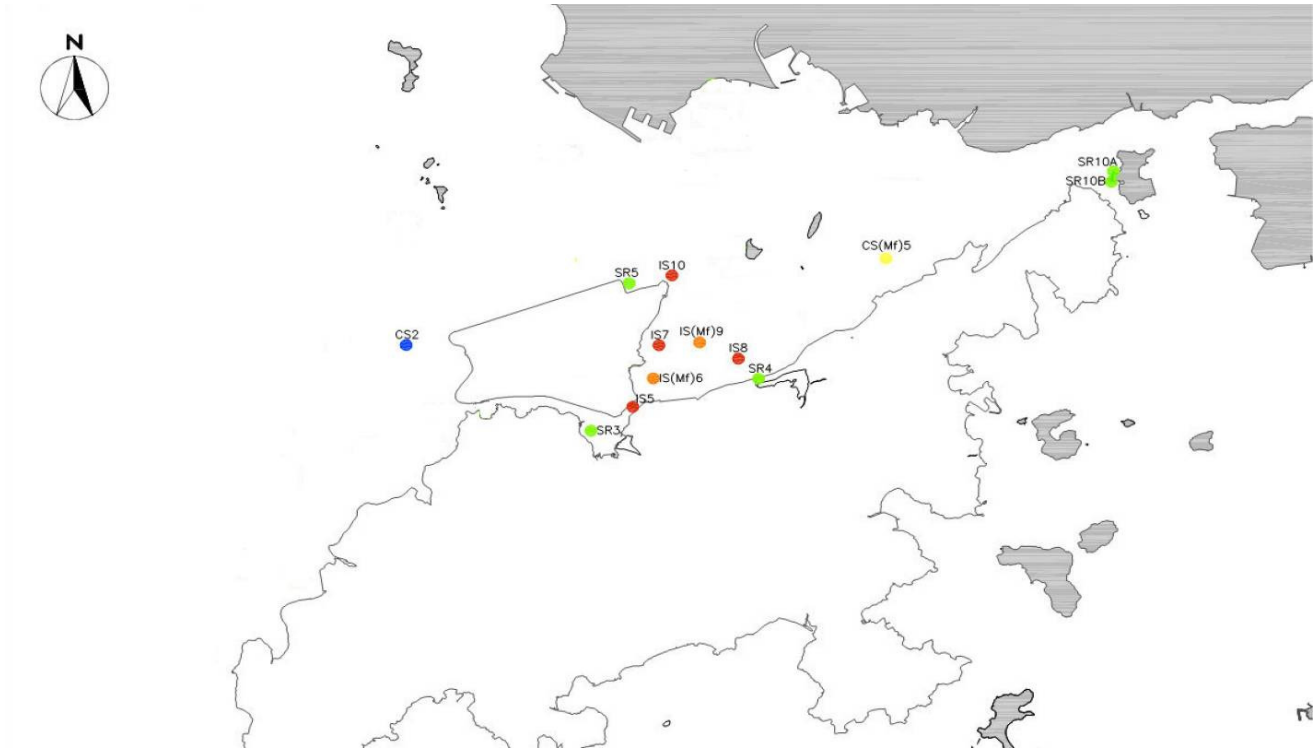
   The measured value at station SR4 was slightly above the range of suspended solid during baseline monitoring for the mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid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

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 27th March 2015

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

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

Date of Notification: 9 April 2015

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

Monitoring Location: Water Quality Monitoring Stations

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

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

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

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

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

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

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

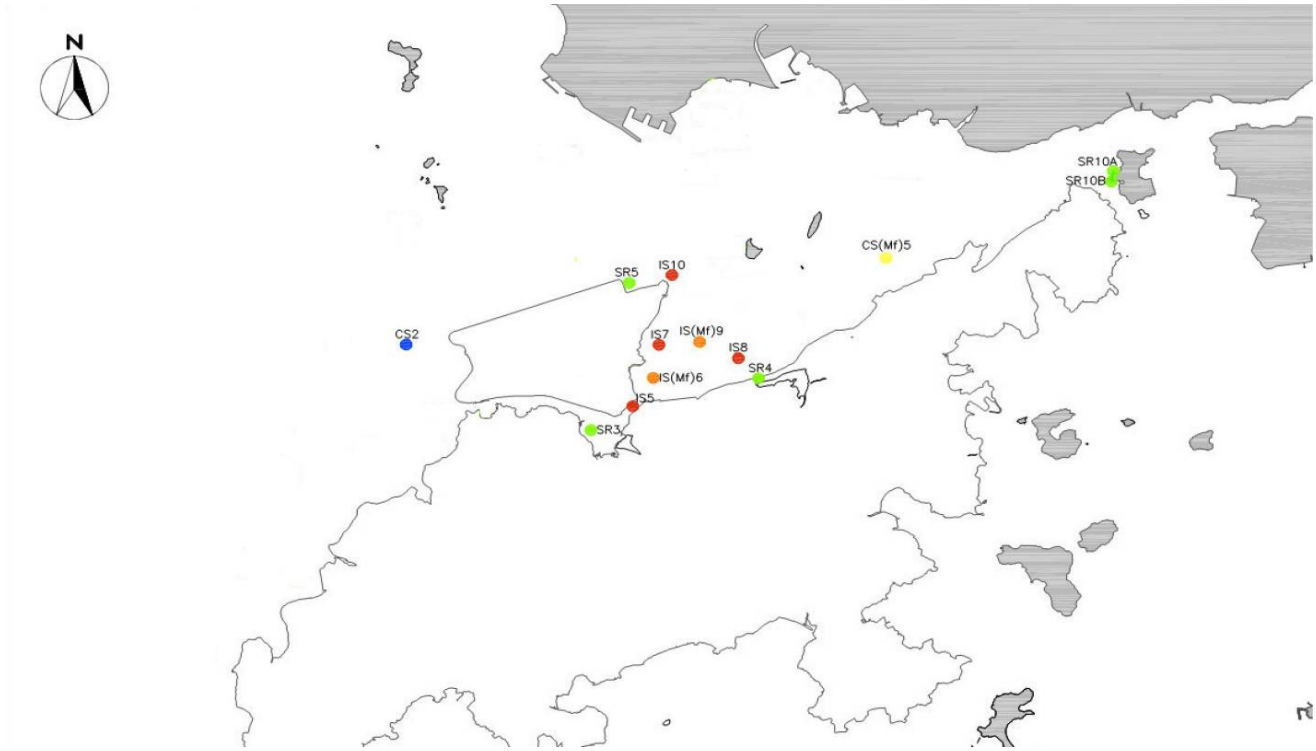
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 9 April 2015

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

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.: 212 ver0

Date of Notification: 29 July 2015

Works Inspected: Not Applicable

Monitoring Location: NEL & NWL

Parameter: Ecology (Chinese White Dolphin Monitoring)

Action & Limit Levels			**Monitoring Results**
	North Lantau Social Cluster		The quarter of March 2015 – May 2015
	Action Level (AL)	Limit Level (LL)	
Northeast Lantau (NEL)	STG < 4.2 & ANI < 15.4	NEL: (STG < 2.4 & ANI <8.9) and NWL: (STG < 3.9 & ANI <17.9)	***STG = 0; ANI = 0***
Northwest Lantau (NWL)	STG < 6.9 & ANI < 31.3		***STG = 0.47; ANI = 2.36***

Notes:
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 triggered if either NEL or NWL falls below the criteria; LL will be triggered if both NEL and NWL fall below the criteria.
4. ***Bold Italic*** means AL exceedances.
5. ***Bold Italic with underline*** means LL exceedances

Possible reason for Limit Level Non-compliance:

According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of March 2015 to May 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation.

There is no evidence showing the current LL non-compliance directly related to the construction works of HKLR03 (where the amounts of working vessels for HKLR03 have been decreasing), although the generally increased amount of vessel traffic in NEL since the impact phase (October 2012). It should also be noted that reclamation work under HKLR03 (adjoining the Airport Island) situates in waters which has rarely been used by dolphins in the past, and the working vessels under HKLR03 have been travelling from source to destination in accordance with the Marine Travel Route to minimize impacts on Chinese White Dolphin. In addition, the contractor will implement proactive mitigation measures such as avoiding anchoring at Marine Department's designated anchorage site – Sham Shui Kok Anchorage (near Brothers Island) as far as practicable.

Actions taken/ to be taken:

Inform the IEC, ER/SOR and Contractor
The ETL informed IEC, ENPO, SOR and Contractor via email on 16 June 2015.

Repeat statistical data analysis to confirm findings and check monitoring data:

A two-way ANOVA with repeated measures and unequal sample size was conducted to examine whether there were any significant differences in the average encounter rates between the baseline and impact monitoring periods. The two variables that were examined included the two periods (baseline and impact phases) and two locations (NEL and NWL).

For the comparison between the baseline period and the present quarter (tenth quarter of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0015 and 0.0139 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in both dolphin encounter rates of STG and ANI.

For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first ten quarters of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0004 and 0.0001 respectively. Even if the alpha value is set at 0.01, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

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:

The AFCD monitoring data during March 2015 to May 2015 has been reviewed by the dolphin specialist. During the same quarter, no dolphin was sighted from 87.62 km of survey effort on primary lines in NEL, while only one group of three dolphins were sighted from 184.19 km of survey effort on primary lines in NWL. This review has confirmed that the extremely low occurrence of dolphins reported by the HKLR03 monitoring survey in spring 2015 in NEL and NWL survey areas is accurate.

Identify source(s) of impact:

There is no evidence showing that the sources of impact directly related to the construction works of HKLR03 that may have affected the dolphin usage in the NEL region.

Recommendations/ mitigation measures/ actions if necessary:

Review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary:

All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. According to the Marine Travel Route Plan, if vessels are crossing along edge of the proposed marine park, the travelling speed will keep not exceeding 5 knots when crossing the edge of the proposed marine park. The Contractor will continue to provide training for skippers to ensure that their working vessels travel from source to destination to minimize impacts on Chinese White Dolphin and avoid anchoring at Marine Department's designated anchorage site - Sham Shui Kok Anchorage (near Brothers Island) as far as practicable. Also, it is recommended to complete the marine works of the Contract as soon as possible so as to reduce the overall duration of impacts and allow the dolphins population to recover as early as possible.

A meeting was held on 10 July 2015 with attendance of representative of Highways Department, ENPO, Resident Site Staff (RSS), Environmental Team (ET) and dolphin specialist for Contract Nos. HY/2010/02, HY/2011/03, HY/2012/07, HY/2012/08. Also, main Contractor for Contract Nos. HY/2011/03 and HY/2012/08 attended the meeting. The discussion/recommendation as recorded in the minutes of the meeting, which might be relevant to HKLR03 Contract are summarized below.

It was concluded that the HZMB works is one of the contributing factors affecting the dolphins. It was also concluded the contribution of impacts due to the HZMB works as a whole (or individual marine contracts) cannot be quantified nor separate from the other stress factors.

It was reminded that the ETs shall keep reviewing the implementation status of the dolphin related mitigation measures and remind the contractor to ensure the relevant measures were fully implemented.

It was recommended that the marine works of HZMB projects should be completed as soon as possible so as to reduce the overall duration of impacts and allow the dolphins population to recover as early as possible.

It was also recommended that the marine works footprint (e.g., reduce the size of peripheral silt curtain) and vessels for the marine works should be reduced as much as possible, and vessels idling / mooring in other part of the North Lantau shall be avoided whenever possible.

It was suggested that the protection measures (e.g., speed limit control) for the proposed Brothers Island Marine Park (BMP) shall be brought forward as soon as possible before its establishment so as to provide a better habitat for dolphin recovery. It was noted that under the Regular Marine Travel Route Plan, the contractors have committed to reduce the vessel speed in BMP.

There was a discussion on exploring possible further mitigation measures, for example, controlling the underwater noise. It was noted that the EIA reports for the projects suggested several mitigation measures, all of which have been implemented.

Reviewed by : Claudine Lee Title : ET Leader

Date : 29 July 2015

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

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 N

Cumulative Statistic on Complaints

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-008	22-Oct-2012	16:41	EPD	Environmental (Water Pollution)	X先生投訴東涌機場對出港珠澳大橋地盤，有污水排到海中（懷疑是油污），污染環境，要求跟進及回覆。 (Photos attached). The "phenomenon"was observed over the past week. The photos attached were taken on 19.10.2012, 22.10.2012 and 23.10.2012	Portion X	The pelican barge as shown in the photos provided on 24 October 2012 did not belong to the Contractor.	Closed	-
COM-2012-009	05-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise and light)	The citizen complained about noise and light pollution from the barges working on the Zhuhai Macau Bridge project. Barge machinery working to about 10pm at night and sometimes can be heard intermittently through the night. The noise is more audible because the machinery is sited on/over the water.	Portion X	The Contractor has adjusted the emission angle of the lights on working vessels with a view to minimizing the glaring effect to the adjoining residential areas	Closed	-
COM-2012-009(2)	11-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise, water quality & air quality)	The complainant noted that the barges are still working on a Sunday, up until 10pm at night, very noisy, causing pollution of the water and at times expelling black smoke from their engines. A photograph taken at 10.40am on Sunday 11 November 2012 was attached.	Portion X	-	Closed	-
COM-2012-009(3)	14-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise)	The complainant did not accept the reply. He further said that "All staff has to do is come out either at night or a Sunday to check, so easy. If this continues I will have no choice to call the police out."	Portion X	The Contractor has taken the following further mitigation measures for the reclamation works: (a) Mitigation Measures for Noise Nuisance: • Improvement of noise covers onto the generators / motors on barges; and • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges. (b) Mitigation Measures for Smoke Emission: • Increase frequency of maintenance and checking of engines on barges that may emit smoke; and • Installation/ replacement of smoke suppression device such as air filter, at engines where necessary.	Closed	-
COM-2012-010(1)	06-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise)	The complainant stated that lately work has started opposite Le Bleu Deux estate using barges. The work in process is generated high level of noise from powered tools used on those barges. Even if the noise was acceptable on weekdays during daytime, it is definitely creating nuisance to local resident at night (past 7pm) and on Sunday. Basically as 5 November 12 evening, he could not leave his window open as the elevel of noise prevent his baby to sleep and he could not even hear the TV in his flat. the noise coming from the site is higher then the sounds from my TV. He would like to know what measure you are planning to put in place to address this issue. He did not think that the current level of noise are acceptable past 7pm and on Sunday.	Portion X	-	Closed	-
COM-2012-010(2)	15-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise & air quality)	The noise can be very annoying, on days depending of the wind direction, you are making more noise than the plane taking off (I measured it myself), to give you an idea of the disturbance you are creating again. *I would also like to bring an other topic beside the noise. Since the beginning of the filling operation, very strong smell of exhaust pipe gas can be smelt in the residential area and I think this is a huge health concern for the local population. On certain days when the wind is blowing towards the residential areas, I have the feeling that there is a diesel engine running in my living room! I would like to know how you are planning to address this?*	Portion X	-	Closed	-

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(3)	15-Nov-2012	-	EPD	Environmental (Noise, water quality & air quality)	The complainant has copied his reply from HyD dated 15 Nov 2012 to EPD and Health Department and he further complained on the following issues: • Noise nuisance generated by diesel engine; • Smell of exhaust pipe gas in his residence; and • Suspected marine water pollution (see enclosed photo). The complainant also requested EPD to install noise and air quality monitoring at Le Bleu Deux estate.	WA6 Portion X	Noise from blowing horn from vessels and barges and Metallic Parts thrown on Ground • Reminded the Contractor to request the captains of the vessels and barges not blowing the horn except in case of emergency or prevention of ship collisions/serious safety matters; • The supervision teams would enhance their tight control on the vessels and barges working at that location, and monitor the situation and take corresponding actions; and • To enhance the work force of RSS to supervise each step of construction activities and the use of hand tools until the completion of the site office erection. Noise from Engines and Cranes of the Barges during Marine Operation • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at night time and Sundays. Noise from power generators • All generators shall be either screened or covered by adequate sound reducing materials; • All generators situated in front of Le Bleu Deux estate will be switched off at 19:00 hrs, except two generators will be kept running up to 22:00hrs and one generator will be kept running overnight for maintaining minimum power requirement; and • Arrangement with CLP Power HK Ltd (CLP) for the permanent power supply to the site offices has been chased in a matter of urgency. The use of power generators will be terminated in phase starting from 6 December 2012. Exhaust Fume Emission • Tight control on using the machine and generators in the vicinity of Le Bleu Deux estate; and • Closely monitor the frequency on engine cleansing and replacement of dust filter. Change of Sea Water in Yellow • The Contractor was reminded to move their vessels and barges at areas with adequate water depth as practically as possible.	Closed	-
COM-2012-010(4)	19-Nov-2012	22:25 hrs.	EPD	Environmental (Air quality and Noise)	The complainant filed again a complaint for the strong exhaust pipe fumes smell coming for the construction site in Tung Chung tonight as well as the extremely high level of noise as at at 10:30 pm (19/11/12).	WA6			
COM-2012-010(5)	24-Nov-2012

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

Complaint Register

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

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-018 (11)	28-Apr-2013	15:44	EPD	Environmental (Noise)	The complainant complained that machinery noise generated from the reclamation site near Tung Chung Development Pier at around 22:00 of 28 April 2013 causing nuisance to public.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Briefing given to the operator of the barges for proper operation of marine vessels; - Operating barge by experienced operators only; - Keeping adequate routine maintenance for barges e.g. application of lubricants into moving parts in order to avoid squeak noise; - Install noise covers onto noisy equipment where practicable. - Remind subcontractor only well-maintained plant should be operated on-site. - Speed up of construction works in order to shorten the duration (days) of potential noise impact/nuisance to the surrounding environment; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-022	08-Apr-2013	--	EPD	Environmental (Water)	The complaint alleged that oil was dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. Photos were provided by the complainant.	Portion X	The Contractor has checked the photos provided by the complainant and confirmed that the vessels and boats shown in the photos do not belong to Contract No. HY/2011/03.As this complaint is not related to this Contract, no follow up action is required. The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan (SRP) in case of accidental release of oils from vessel.	Closed	-
COM-2013-022(2)	23-May-2013	09:15 hrs	EPD	Environmental (Water)	This complaint was a follow-up of a previous complaint received by EPD on 8 April 2013 regarding oil slicks caused by vessels. It was alleged that oil was still being dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. On the other hand, the complainant would also like to know whether the owners of the vessels could present engine oil disposal records for the vessels which supported the HZMB project.	Portion X	The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan in case of accidental release of oils from vessel and handle the chemical waste (waste oil) in accordance with the requirements provided in the EM&A Manual.	Closed	-
COM-2013-023	02-May-2013	--	HyD	Environmental (Noise)	The complainant alleged that there were metal parts dropped on the ground creating noise at 12:58 on 1 May 2013	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-024	23-May-2013	09:50 hrs	EPD	Environmental (Noise)	A complaint was received on 23 May 2013 regarding noise generated from dropping metal parts on numerous occasion on the pier opposite Le Blau Deux at around 08:45 to 10:00 hrs of 18 May 2013 and loading/unloading activities creating noise disturbance by the contractor of HY/2011/03.	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-027	29-Jun-2013	10:02 hrs	RSS	Environmental (Noise)	A complaint was received on 29 June 2013 regarding noise generated from the works area near the site office (WA6) around 10:00 hrs on 29 June 2013	WA6	The Contractor was recommended to minimize the potential noise impacts generated from the construction sites as far as practicable in future.	Closed	-
COM-2013-033	13-Sep-2013	Around 22:00 hrs	RSS	Environmental (Noise)	A complaint was received regarding the noise nuisance from barge at about 22:20 hrs on 13 September 2013 and 02:30 hrs on 14 September 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-034	17-Sep-2013	--	HyD	Environmental (Noise)	A complaint was received on 17 September 2013 regarding the noise nuisance from tree transplanting activities in the morning of 14 September 2013.	Portion Y	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-037	8-Oct-2013 9-Oct-2013 16-Oct-2013	--	Supervising Officer's Representative	Environmental (Noise)	The complainant complained the noise from barge operation from 21:30 to 22:30 hrs on 4 October 2013. The complainant complained that several loud bangs were heard starting from 21:00 hrs on 7 October 2013. The complainant complained that it was very noisy at the noon of 14 October 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: -minimize the quantities of plant used during restricted hours as far as practicable; and -regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-041	31-Oct-2013	21:52 hrs	EPD	Environmental (Noise)	A complaint was received on 31 October 2013 regarding the noise generated from a barge being moved by a tug boat in the morning of 31 October 2013 (around 05:55).	N/A	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during the night-time and early morning period (7pm to 7am).	Closed	-
COM-2013-043	11-Nov-2013	--	EPD	Environmental (Noise)	A complaint was received on 11 November 2013 regarding a barge moving through the southern channel of HyD's construction site after 23:00 hrs on 8 November 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-045	27-Dec-2013	--	HyD	Environmental (Noise)	A complaint was received on 27 December 2013 regarding barges operating at the south channel of Portion X in the afternoon of 26 December 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2014-046	16-Jan-2014	17:22 hrs	HyD	Environmental (Air Quality)	A complaint was received on 16 January 2014 regarding heavy exhausts generated at around 8 a.m. and 10 a.m. over past few months and or even midnight.	N/A	The Contractor has implemented the following measure to minimize exhaust fumes generated from machinery: - Maintenance for the all machinery regularly.	Closed	-
COM-2014-048	18-Jan-2014	--	EPD	Environmental (Other: Blackish mud)	A complaint was received on 18 January 2014 regarding blackish mud along the edge of the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Project near the airport in the morning of 18 January 2014.	Portion X	Based on the investigation results, it is considered that the blackish mud raised in the complaint was not related to HKLR03 Contract. In this case, no follow up action is required.	Closed	-
COM-2014-050	24-Mar-2014	--	EPD	Environmental (Other: Dredged Marine Sediment)	A complaint was received by EPD on 24 March 2014. The complainant advised that there was dredged material found being mixed with soil in the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Project in the vicinity of CAD headquarters and transported out of the site. The complainant suspected that there was improper disposal of dredged marine sediment.	Portion X	Based on the investigation results, it is considered that the complaint is invalid. In this case, no follow up action is required.	Closed	-
COM-2014-051	29-Apr-2014	--	SOR	Environmental (Noise)	A complaint was received on 29 April 2014 regarding loud bang coming from the site at 21:37 hrs on 28 April 2014.	Portion X	Based on the Contractor's site dairy and our investigation, no non-compliance was identified.	Closed	-
COM-2014-053	02-May-2014	--	EPD	Environmental (Noise)	A complaint was received by EPD on 1 May 2014. The complainant advised that there was noise nuisance arising during the evening of 1 May 2014.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plant during restricted hours.	Closed	-
COM-2014-063	03-Dec-14	--	Arup	Environmental (Noise)	According to Arup's email to CSCE and DCVJV on 3 December 2014, "A resident living in Le Bleu Duex addressed a complaint to CE of HyD at about 20:04 hrs last night. He complained about the noise nuisance coming from site office since 19:30 hrs last night. epetitively metal parts had been dropped on the ground by people who seem to be loading or unloading a boat at the pier. Noise was still going on right now at 20:04."	WA6	Based on the investigation results, it is found that the noise complaint is not related to Contract No. HY/2011/03. In this case, no follow up action is required.	Closed	-

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-2014-065	24-Dec-14	Nil	EPD	Environmental (Water Qulity)	A complaint was received on 24 December 2014 regarding the increase of marine refuse (water bottles and debris) along the shore from Yat Tung to Tai O, where the complainant considered might be in relation to the HZMB project(s).	Portion X	Based on the investigation results, it is considered that the complaint is unlikely related to HKLR03 Contract. Nevertheless, the Contractor is reminded to implement all recommended mitigation measures for waste management and avoid dumping rubbish into the sea.	Closed	-
COM-2015-066	08-Apr-15	Nil	EPD (An email forwarded by Arup)	Environmental (Dust)	According to Arup's email to CSCE on 8 April 2015, the ET was informed that a complaint had been received by EPD at about 18:29 hrs on 2 Apr 2015 regarding construction dust from construction site (S15) at Kwo Lo Wan Road, Tung Chung."	S15	Based on the Contractor's information and our investigation, no non-compliance was identified. The Contractor is reminded to continuously implement the dust suppression measures to minimize potential dust impact.	Closed	-
COM-2015-068	10-Apr-15	Nil	EPD (An email forwarded by Arup)	Environmental (Noise)	According to Arup's email to CSCE on 10 April 2015, it is noted that EPD received a noise complaint from a resident of Caribbean Coast. According to the complainant, he was disturbed by noise from construction activities of the HZMB Project during weekends and holidays. The complainant was referring to those activities carried out between Scenic Hill and HKBCF because the complainant mentioned the contractor was China State.	N/A	Based on the information provided and our investigation, the Contractor had complied with the conditions laid down in Construction Noise Permit (CNP) Nos. GW-RS0113-15 and GW-RS0356-15. Hence, no non-compliance was identified. The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours and recommended to implement the following measures to minimize the potential noise impact during restricted hours: minimize the quantities of plant used during restricted hours as far as practicable; and regular review of working duration for restricted hours works and switch off all unnecessary machinery and plant during restricted hours.	Closed	-

APPENDIX O

Mudflat Monitoring Results

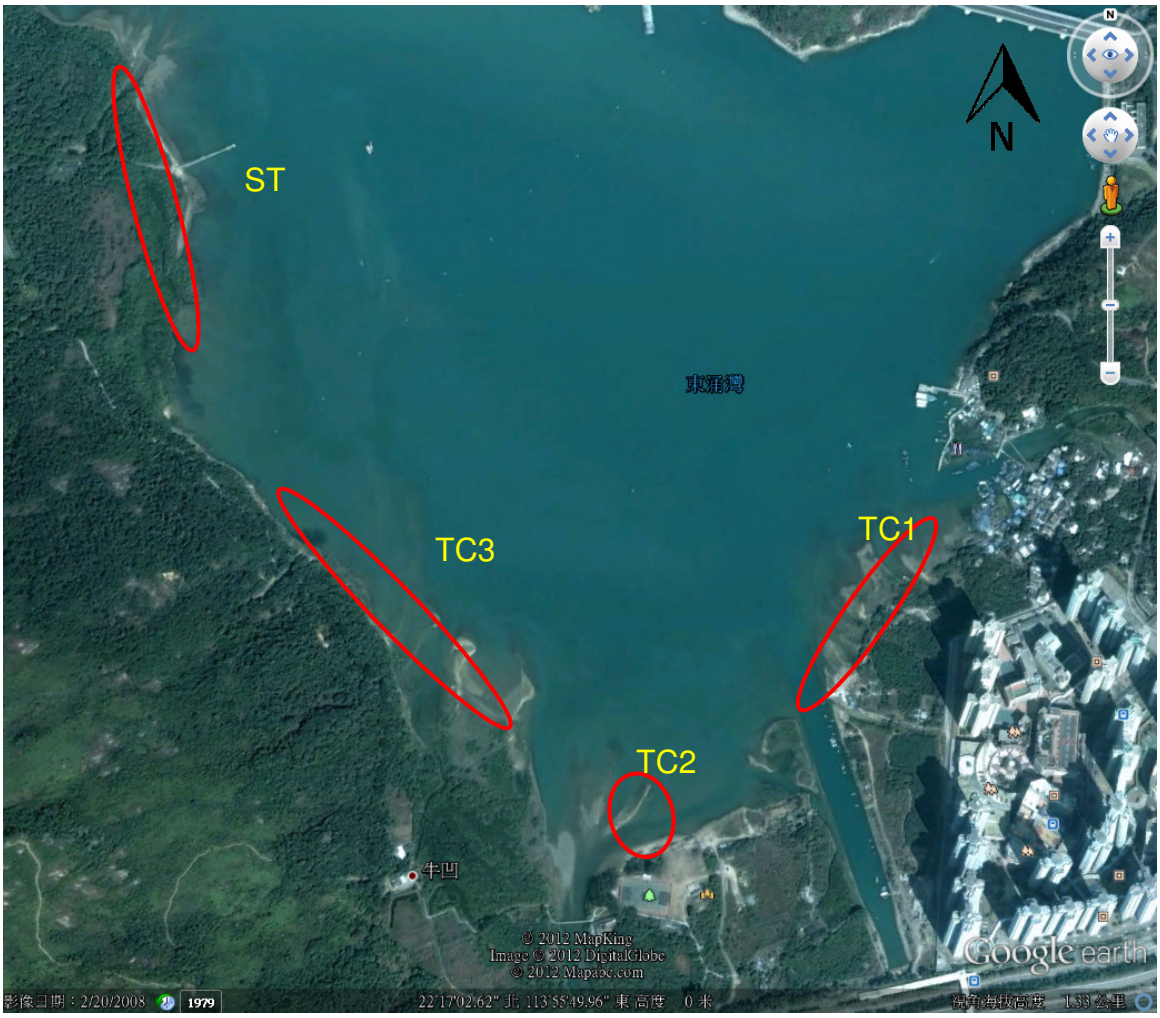


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

TC1



TC2



TC3



ST



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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)
Sampling site TC1 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	M	22° 16.978' N	113° 55.979' E	28.06
1	S	22° 16.997' N	113° 55.986' E	35.46
1	S	22° 17.033' N	113° 55.974' E	65.43
Sampling site TC2 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	M	22° 16.924' N	113° 55.898' E	46.28

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

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

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

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

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

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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)						
Sampling site TC3 (Search hour = 3 hrs)										
Tachypleus tridentatus										
3	S	22° 16.952' N	113° 55.709' E	27.37	29.69	31.43				
3	S	22° 16.947' N	113° 55.716' E	30.26	30.52	32.05				
2	S	22° 16.934' N	113° 55.733' E	30.97	31.04					
2	S	22° 17.002' N	113° 55.658' E	30.01	54.11					
2	M	22° 17.040' N	113° 55.637' E	45.84	51.2					
2	M	22° 17.057' N	113° 55.643' E	49.71	56.59					
7	M	22° 17.059' N	113° 55.624' E	28.42	36.91	39.17	45.25	47.27	47.98	52.09
5	M	22° 17.088' N	113° 55.601' E	49.97	52.4	55.9	60	72.5		
1	M	22° 17.089' N	113° 55.602' E	58.75						

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

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

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site ST (Search hour = 3 hrs)							
Carcinoscorpius rotundicauda							
1	M	22° 17.132' N	113° 55.561' E	46.8			
4	M	22° 17.147' N	113° 55.535' E	51.26	53.51	57.79	61.19
1	M	22° 17.169' N	113° 55.543 E	51.37			
1	M	22° 17.171' N	113° 55.500' E	50.17			
4	G	22° 17.386' N	113° 55.461' E	22.98	36.74	41.36	43.34
2	M	22° 17.234' N	113° 55.495' E	37.15	37.63		
2 *	M	22° 17.155' N	113° 55.549' E	138.2	155.1		

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

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

*: Mating pair that is excluded from the data analysis

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site ST (Search hour = 3 hrs)							
Tachypleus tridentatus							
4	M	22° 17.133' N	113° 55.560' E	33.73	37.49	39.86	44.21
2	M	22° 17.146' N	113° 55.536' E	53.29	68.74		
1	M	22° 17.169' N	113° 55.543' E	55.52			
4	M	22° 17.158' N	113° 55.517' E	43.85	49.61	51.55	53.81
1	M	22° 17.171' N	113° 55.499' E	51.02			
1	M	22° 17.222' N	113° 55.478' E	40.19			
1	M	22° 17.223' N	113° 55.479' E	52.94			
1	M	22° 17.221' N	113° 55.477' E	72.66			
1	G	22° 17.383' N	113° 55.460' E	63.07			
1	M	22° 17.234' N	113° 55.495' E	48.4			
1	M	22° 17.364' N	113° 55.487' E	71.88			

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

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

TC1 *Carcinoscorpius rotundicauda*



Moult of *C. rotundicauda*



TC2 *Carcinoscorpius rotundicauda*



TC3 *Tachypleus tridentatus*



Carcinoscorpius rotundicauda

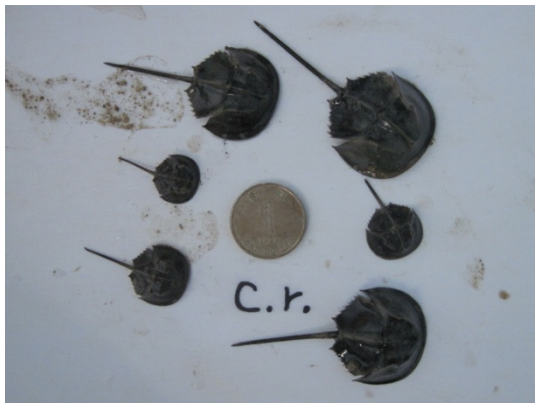
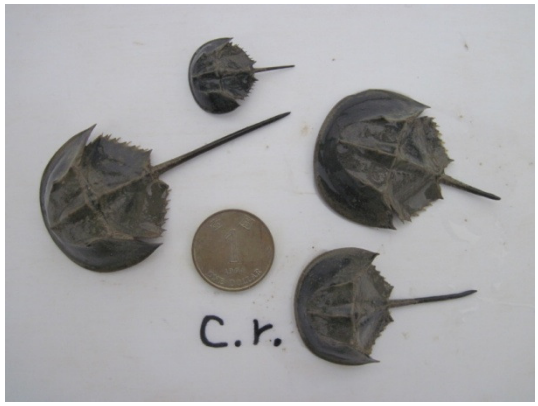


Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (7, 8, 20, 21 Mar. 2015)*

ST *Tachypleus tridentatus* *Carcinoscorpius rotundicauda*





Mating pair of *C. rotundicauda*





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

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

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

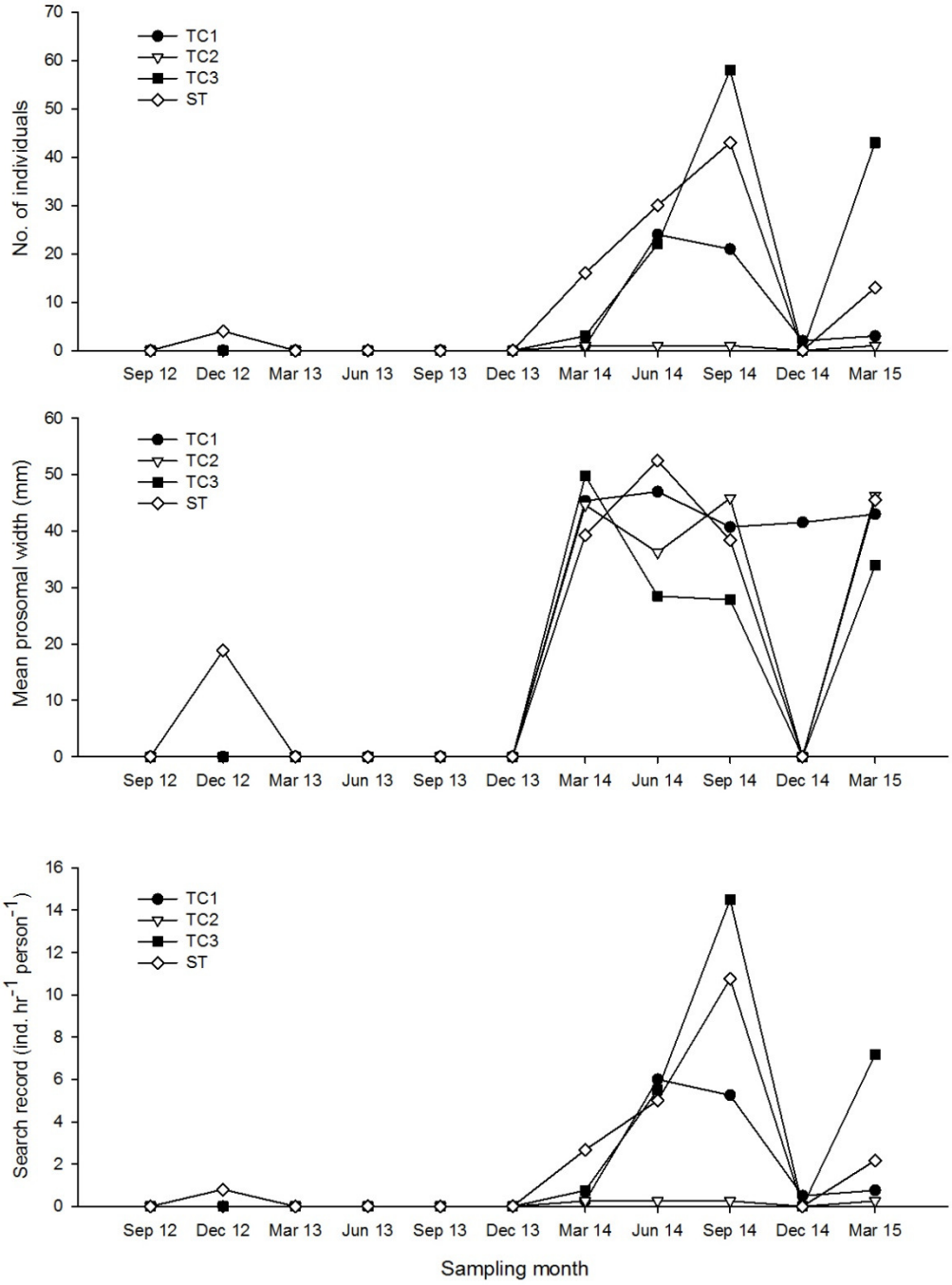


Figure 3.2. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda in every sampling zone along the sampling months.*

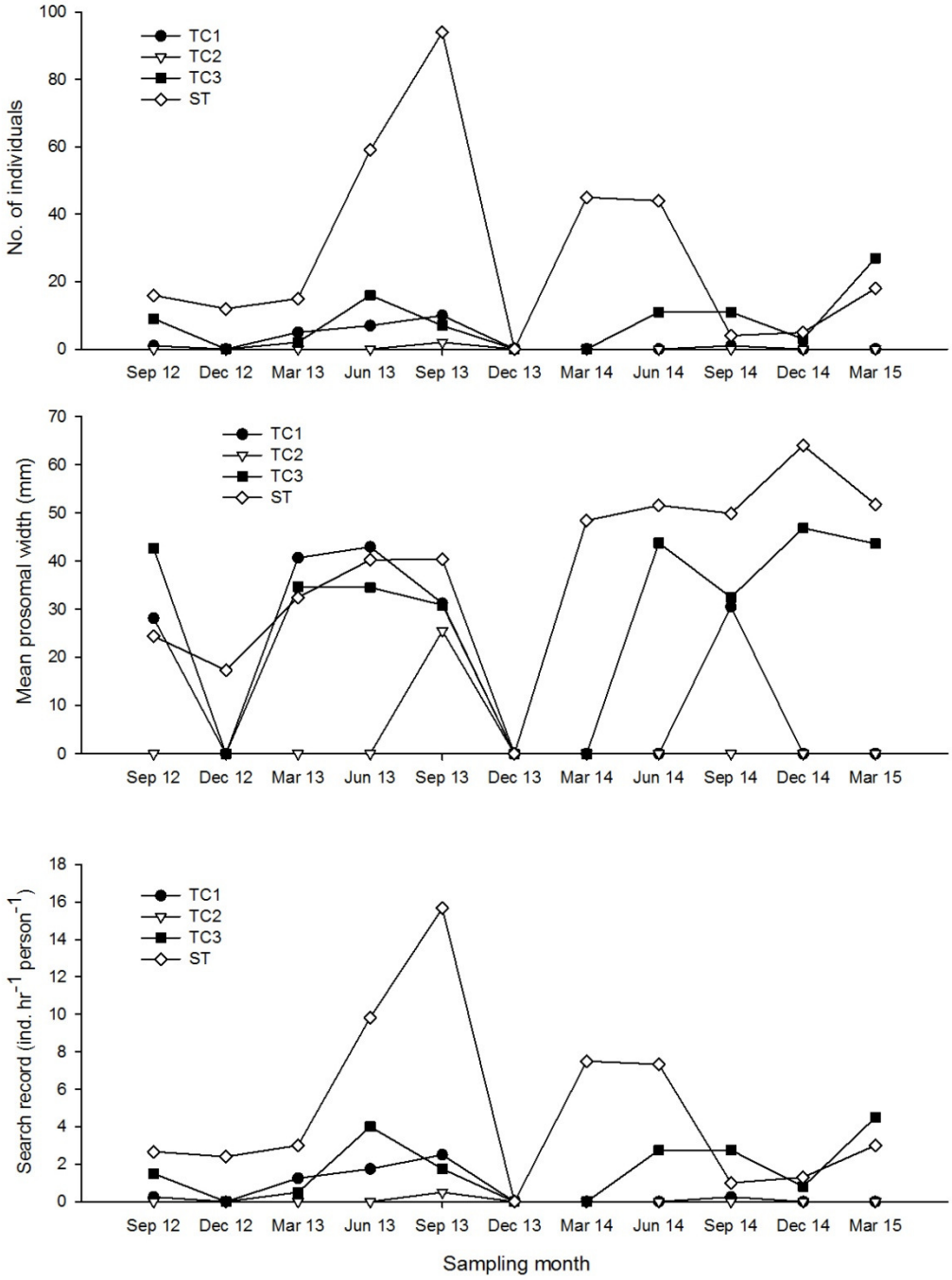


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus in every sampling zone along the sampling months.*

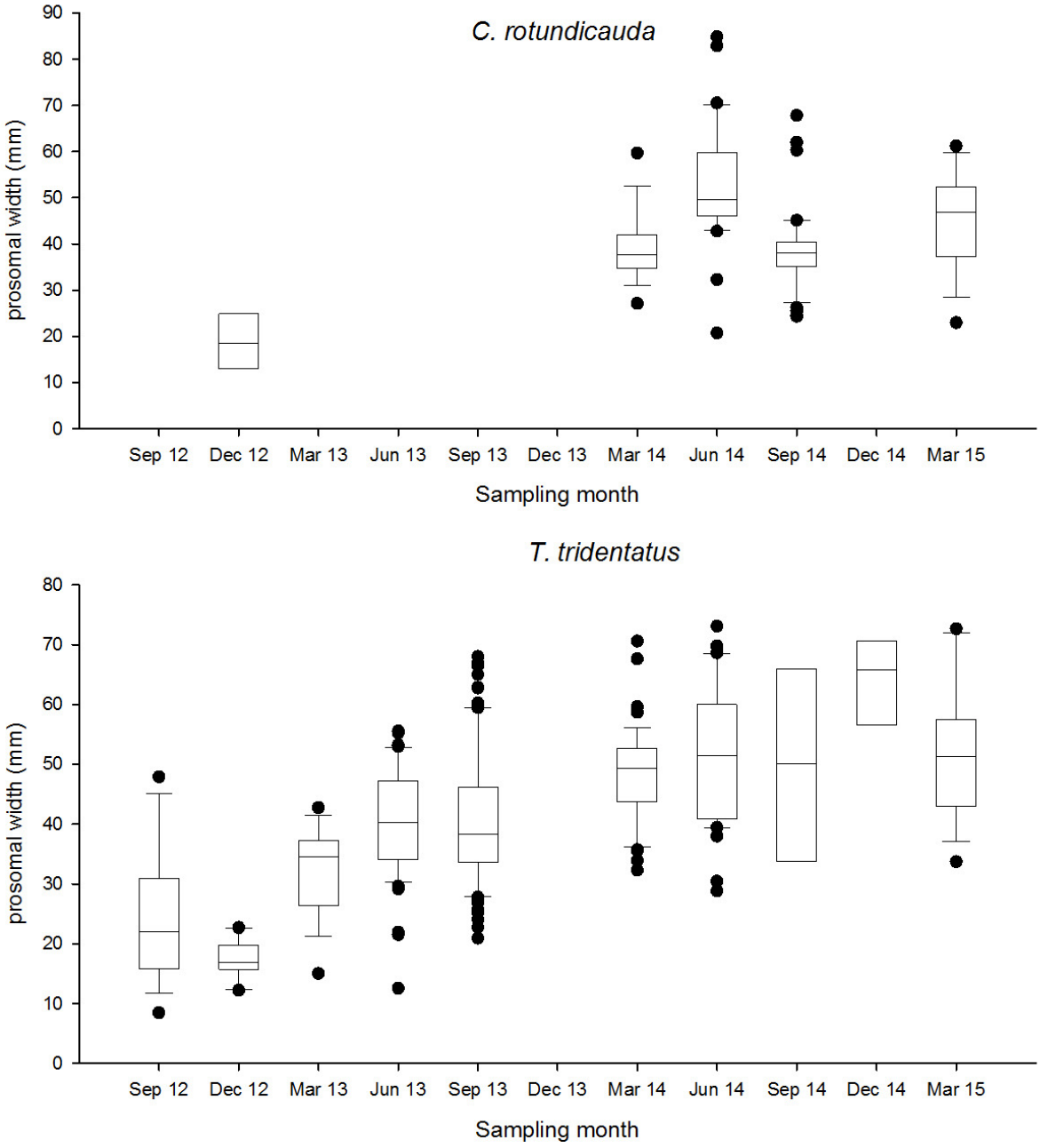


Figure 3.4. *Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and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

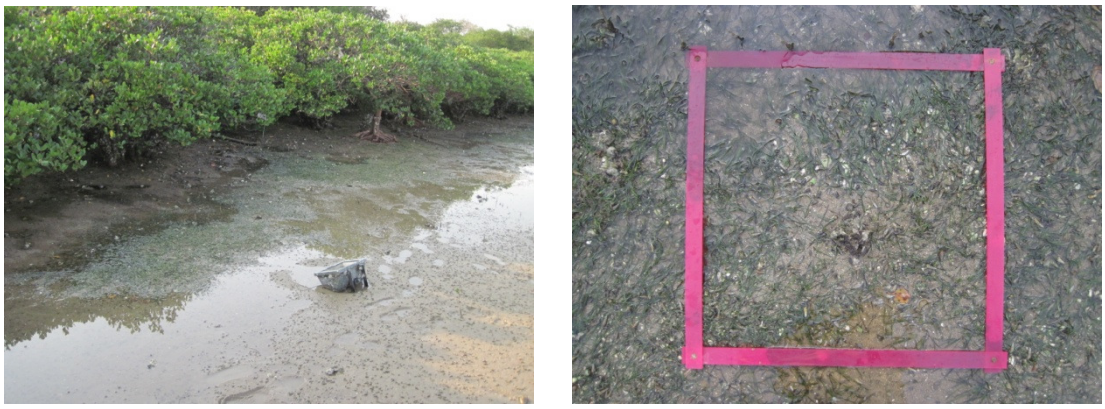
Table 3.3. *Record of seagrass beds survey in every sampling zone*

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

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

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

Zostera japonica



Halophila ovalis



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

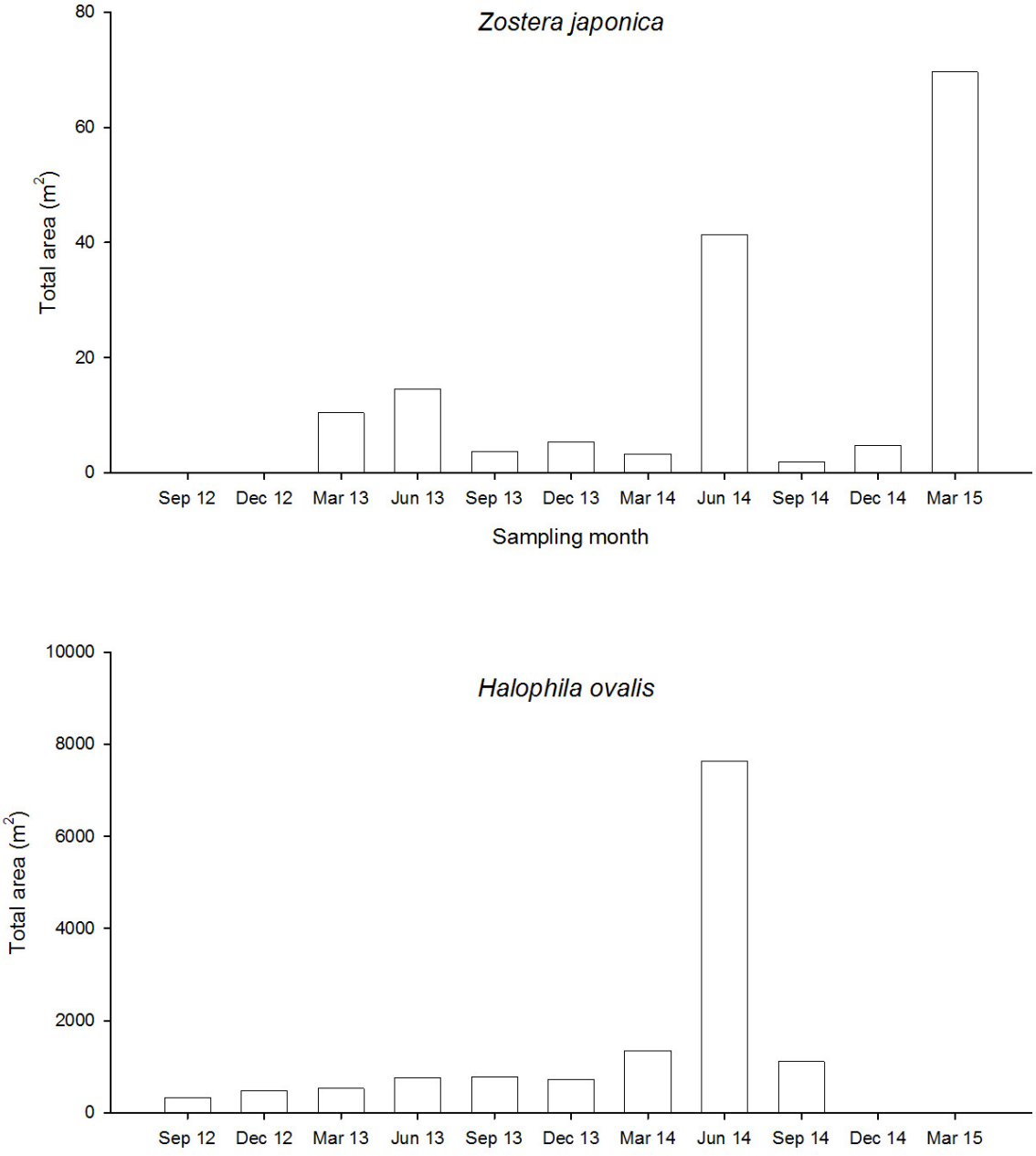


Figure 3.6. *Changes of estimated total area of seagrass beds in ST along the sampling months*



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

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

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

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

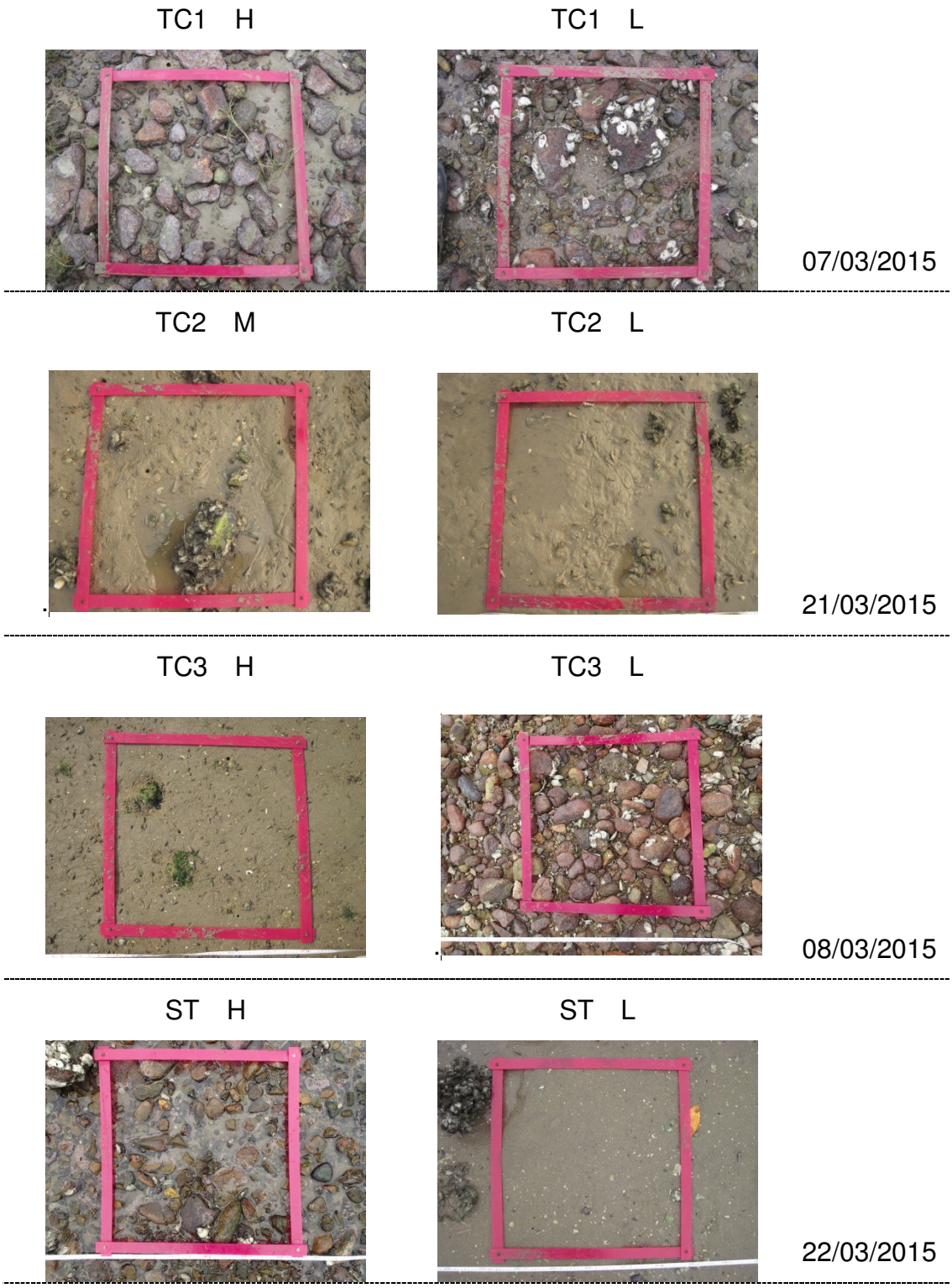


Figure 3.8. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

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

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

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

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

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

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	15	0.3	2	27	0.8	4	31	0.8	4	2	0.1	0
Arthropoda	18	0.4	2	90	2.6	12	11	0.3	1	35	1.0	5
Chordata										1	0.0	0
Cnidaria										36	1.0	5
Echinodermata	5	0.1	1				2	0.1	0	1	0.0	0
Mollusca	4247	98.8	566	3387	96.4	452	3894	98.4	519	3587	97.7	478
Nemertea				2	0.1	0				1	0.0	0
Platyhelminthes										1	0.0	0
Sipuncula	15	0.3	2	8	0.2	1	18	0.5	2	6	0.2	1
Sub-total	4300			3514			3956			3670		

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

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

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

Sampling zone TC1	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	434	77	77
Mid	G	*Batillaria multiformis*	446	69	69
	G	*Monodonta labio*	65	10	79
Low	Bi	*Saccostrea cucullata*	169	33	33
	G	*Batillaria multiformis*	136	27	60
	G	*Monodonta labio*	92	18	78

Bi = Bivalve, G = Gastropod

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

Sampling zone TC2	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	506	66	66
	G	*Cerithidea cingulata*	144	19	85
Mid	G	*Cerithidea djadjariensis*	150	33	33
	Bi	*Saccostrea cucullata*	91	20	54
	G	*Batillaria zonalis*	54	12	66
Low	G	*Cerithidea djadjariensis*	62	33	33
	Bi	*Saccostrea cucullata*	41	22	55
	G	*Batillaria zonalis*	37	20	75

Bi = Bivalve, G = Gastropod

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

Sampling zone TC3	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	290	47	47
	G	*Batillaria multiformis*	175	28	76
	G	*Cerithidea cingulata*	129	21	97
Mid	G	*Cerithidea djadjariensis*	264	46	46
	G	*Cerithidea cingulata*	161	28	73
	G	*Batillaria multiformis*	79	14	87
Low	Bi	*Saccostrea cucullata*	140	36	36
	G	*Monodonta labio*	109	28	65
	G	*Batillaria multiformis*	49	13	77

Bi = Bivalve, G = Gastropod

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

Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	288	42	42
	G	*Monodonta labio*	114	17	59
	Bi	*Saccostrea cucullata*	100	15	73
Mid	Bi	*Saccostrea cucullata*	136	24	24
	G	*Monodonta labio*	115	20	44
	G	*Batillaria multiformis*	92	16	60
Low	G	*Lunella coronata*	55	26	26
	Bi	*Saccostrea cucullata*	46	22	48

Bi = Bivalve, G = Gastropod

Table 3.9. *Mean values of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and in every sampling zone*

Sampling zone	Tidal level	Mean number of species (spp. 0.25 m^{-2})	Mean density (ind. m^{-2})	Mean *H'*	Mean *H'* across tidal level	Mean *J*	Mean *J* across tidal level
TC1	H	6	564	0.70		0.37	
	M	9	646	1.05	1.15	0.49	0.51
	L	12	510	1.69		0.68	
TC2	H	7	768	0.96		0.50	
	M	12	450	1.77	1.35	0.72	0.66
	L	7	187	1.33		0.74	
TC3	H	6	615	0.93		0.55	
	M	7	581	1.34	1.21	0.72	0.64
	L	10	387	1.37		0.64	
ST	H	15	686	1.81		0.67	
	M	13	571	1.87	1.81	0.72	0.73
	L	11	211	1.75		0.79	

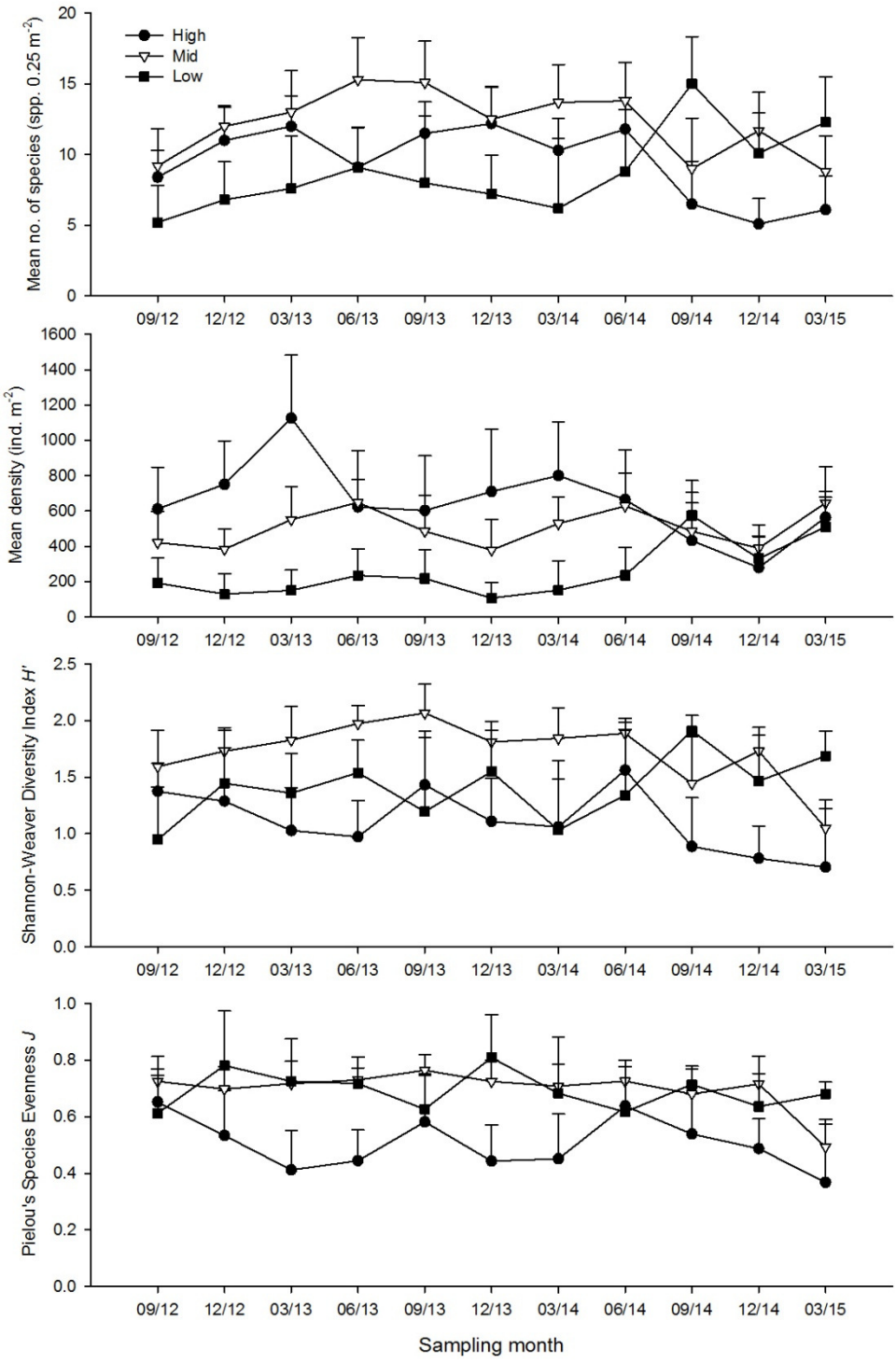


Figure 3.9. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1*

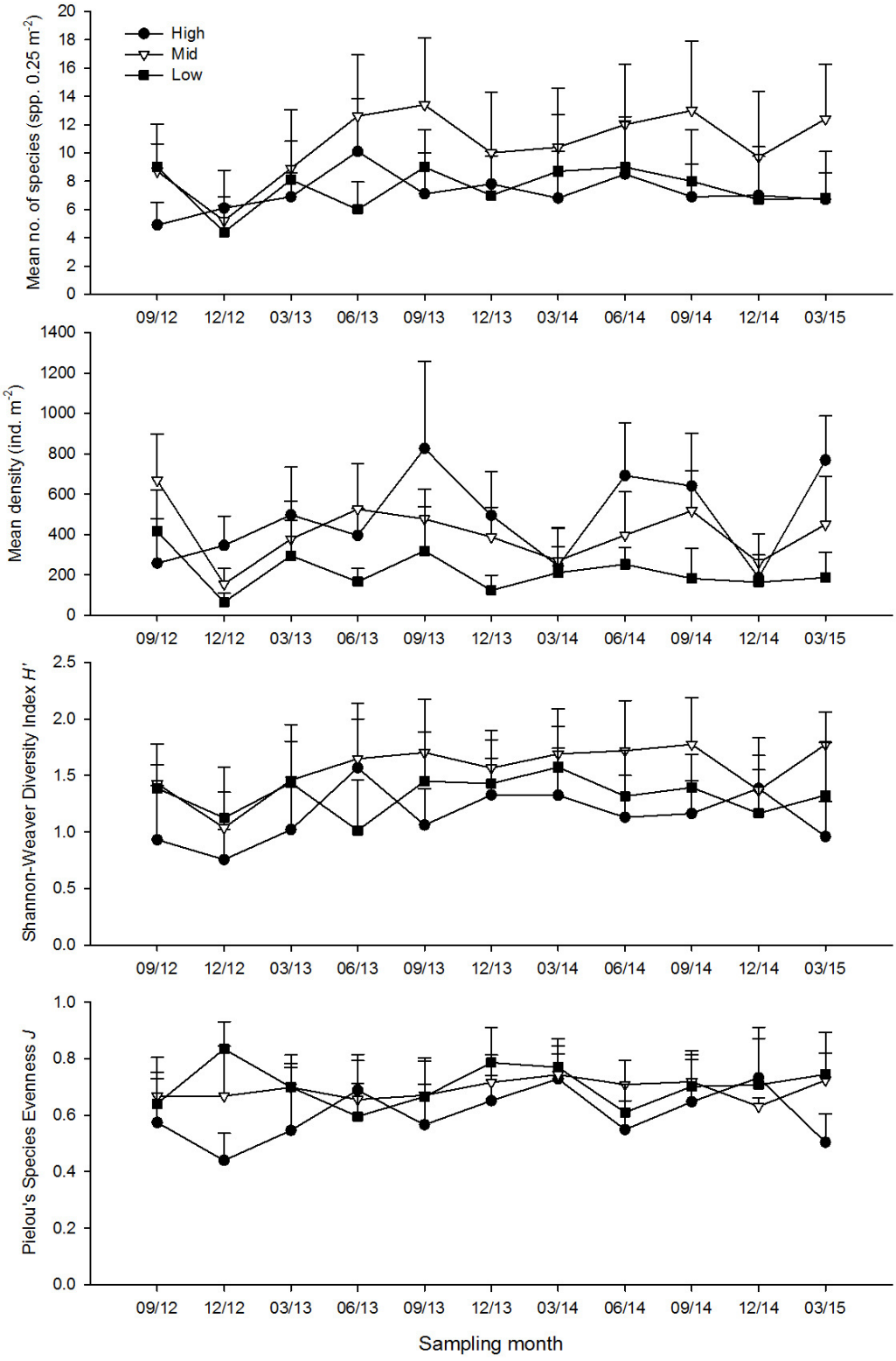


Figure 3.10. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2*

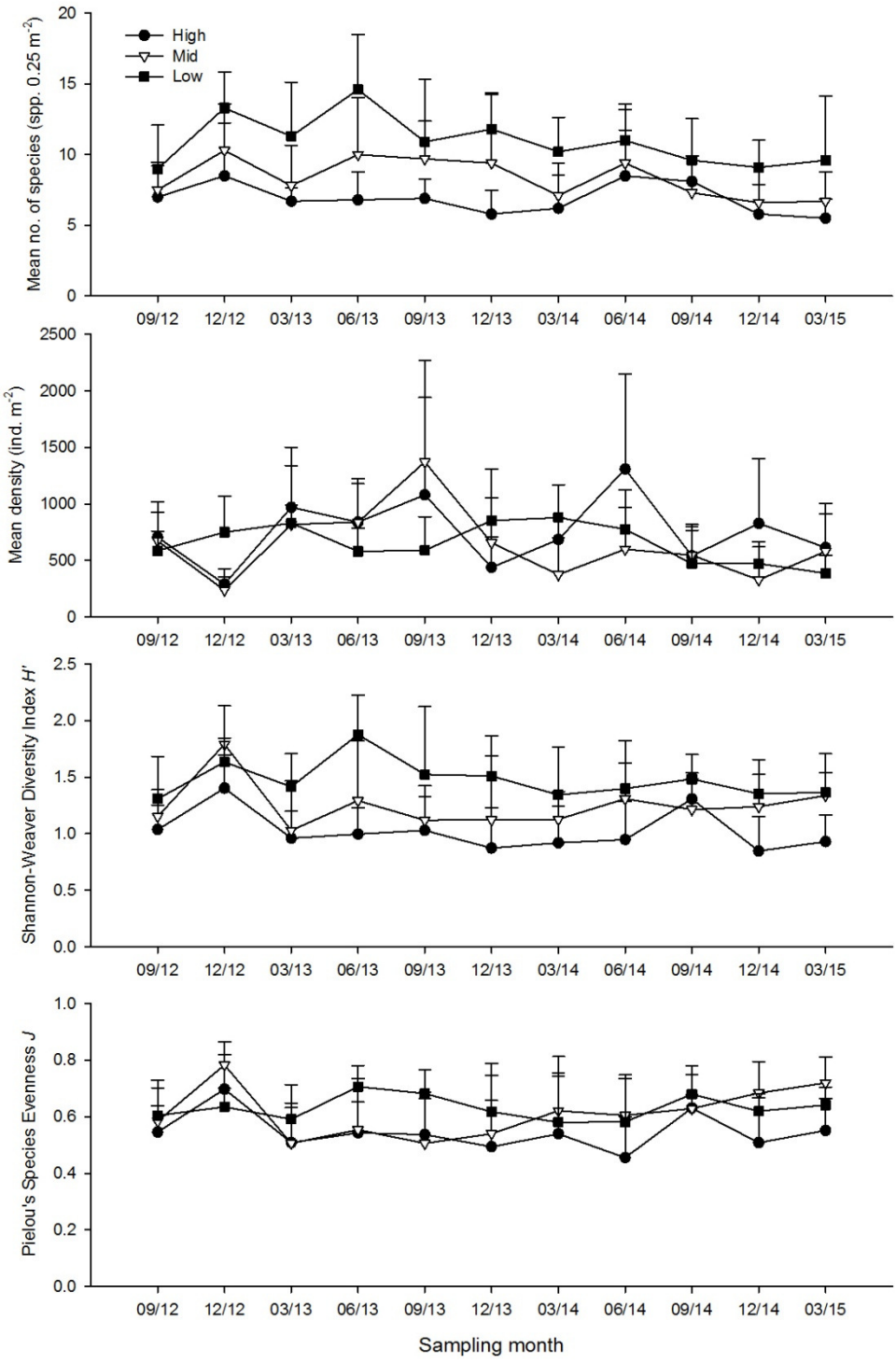


Figure 3.11. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3*

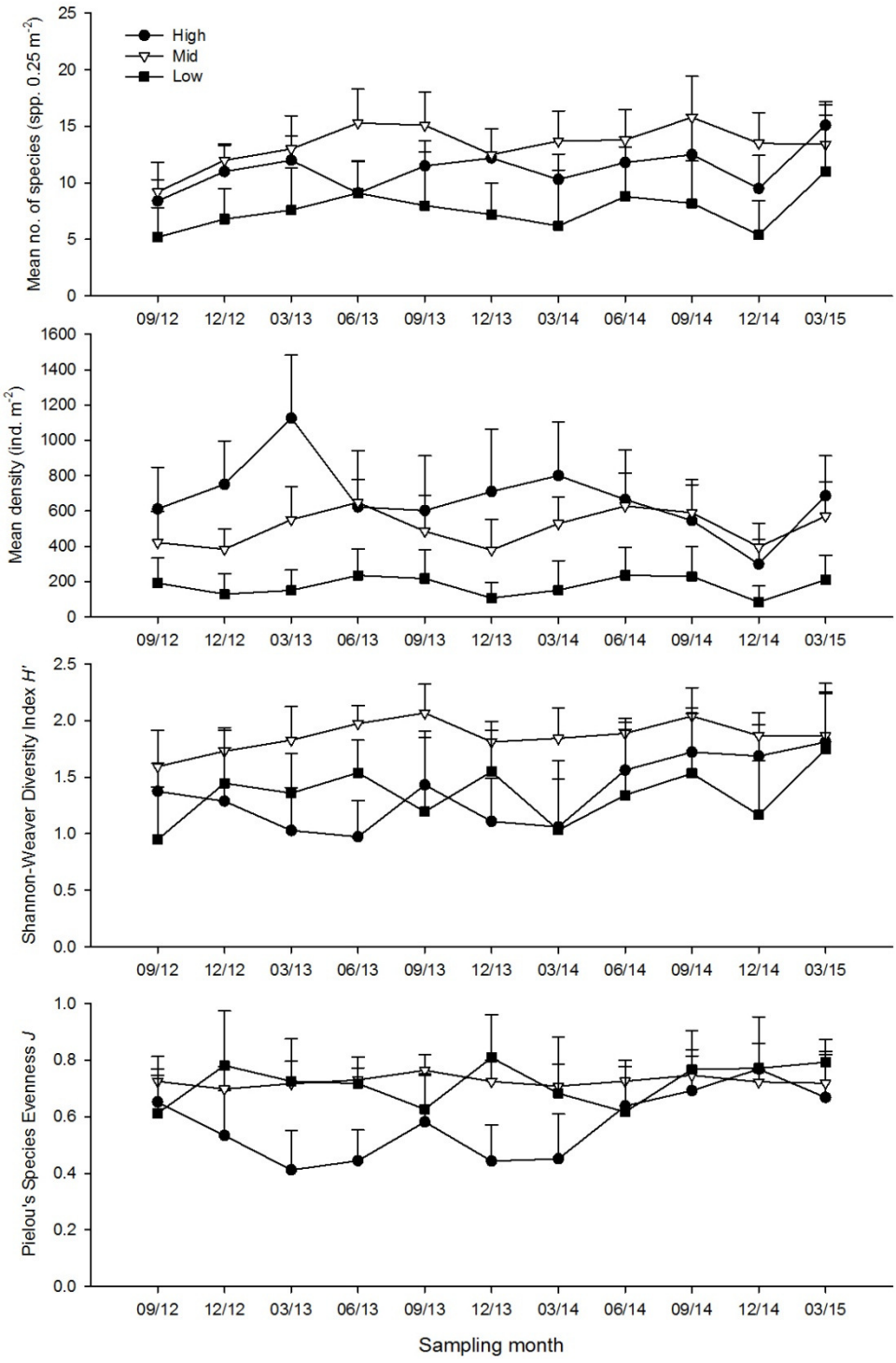


Figure 3.12. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST*

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



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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca vocans*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Perisesarma fasciata*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Xanthidae	*Etisus laevimanus*
Animalia	Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus brevicristatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Chordata	Actinopterygii	Perciformes	Gobiidae	Unidentified goby spp.
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Holothuroidea			Sea cucumber spp.
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Glauconomidae	*Glauconome chinensis*
Animalia	Mollusca	Bivalvia	Veneroida	Psammobiidae	*Soletellina diphos*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Anomalocardia squamosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Circe* sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Marcia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Scapharca cornea*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Planaxidae	*Planaxis sulcatus*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Assimineidae	*Assiminea lutea*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Cephalaspidea	Philinidae	*Philine vitrea*
Animalia	Mollusca	Gastropoda	Pulmonata	Ellobiidae	*Pythia cecillei*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon faba*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon oualaniensis*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Nerita polita*
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida saccharina*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda		Trochidae	*Euchelus scaber*
Animalia	Mollusca	Gastropoda		Trochidae	*Monodonta labio*
Animalia	Mollusca	Gastropoda		Turbinidae	*Chlorostoma argyrostoma*
Animalia	Mollusca	Gastropoda		Turbinidae	*Lunella coronata*
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	*Lepidozona* sp.

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

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

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

Mar 2015 Sampling zone TC 1 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Geloina erosa*			1		1																2
Bi	*Saccostrea cucullata*			11						1												12
Bi	*Xenostrobus atrata*															1						1
C	*Hemigrapsus penicillatus*															1						1
C	*Nanosesarma minutum*							3														3
Ec	Sea cucumber spp.									1												1
G	*Assiminea lutea*																	1				1
G	*Batillaria multiformis*	89		46		45	3	110		141		102		188		112		108		140		1084
G	*Batillaria zonalis*	4		2																		6
G	*Cellana toreuma*					1																1
G	*Cerithidea cingulata*	31		18		4	1			2												56
G	*Cerithidea djadjariensis*	40		20		42	19	2		3										1		127
G	*Cerithidea rhizophorarum*	3					3					1		2								9
G	*Clithon faba*	1		8																		9
G	*Clithon oualaniensis*	1		1																		2
G	*Lepidozona* sp.			1																		1
G	*Littoraria articulata*							8		2		3				2				2		17
G	*Lunella coronata*			1																		1
																					Total	699

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

Mar 2015 Sampling zone TC 1 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Monodonta labio*	1						20		6		2		1		14		6		12		62
G	*Nassarius festivus*	4																				4
G	*Nassarius* sp.					4																4
G	*Pythia cecillei*							3														3
Ol	Marine oligochaete spp.																			1		1
P	Maldanidae spp.						1					1										2
																					Total	1410

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

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

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

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius festivus*	1																				1
G	*Nassarius hepaticus*	1																				1
G	*Nerita polita*																	1				1
G	*Patelloida pygmaea*					2						1		1				1				5
Hc	*Clibanarius* sp.					1																1
Ol	Marine oligochaete spp.					1								2		1				1		5
P	Ampharetidae spp.		1																			1
P	Nereididae spp.									1												1
Sp	*Sipunculus nudus*											1										1
																					Total	1615

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

Mar 2015 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*	7				3		1				4		4								19
Bi	*Barbatia virescens*							5				5		2								12
Bi	*Saccostrea cucullata*	85				44		65		16		47		60		40		34		31		422
Bi	*Xenostrobus atrata*	7				1		1				3		1						3		16
C	*Hemigrapsus penicillatus*																	2				2
C	*Metopograpsus latifrons*							1														1
C	*Nanosesarma minutum*	1				1								3						1		6
Ec	Sea cucumber spp.															1						1
G	*Batillaria bornii*			1		2																3
G	*Batillaria multiformis*	59		5		9		19		15		32		45		66		51		40		341
G	*Batillaria zonalis*			20		1																21
G	*Cellana toreuma*	5				2		12		3				1								23
G	*Cerithidea cingulata*	1				5		2				1								1		10
G	*Cerithidea djadjariensis*	4		10						1		2				2		5		6		30
G	*Cerithidea rhizophorarum*	1		1		2		1												6		11
G	*Clithon faba*					1				1								6		1		9
G	*Clithon oualaniensis*	1				1		1		1								1		4		9
G	*Euchelus scaber*							5														5
G	*Lepidozona* sp.					1																1

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

Mar 2015 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Littoraria articulata*	2						3										1		1		7
G	*Lunella coronata*	12				10		10		3		3		4		3		3		8		56
G	*Monodonta labio*	19				4		25		17		28		38		42		33		25		231
G	*Nassarius festivus*															1						1
G	*Nassarius* sp.									1												1
G	*Nerita polita*	1										1				2		3		1		8
G	*Nipponacmea concinna*													2						1		3
G	*Patelloida pygmaea*											4						1		1		6
Hc	*Clibanarius* sp.																			1		1
Ol	Marine oligochaete spp.															1						1
P	Maldanidae spp.				1	1																2
P	Onuphidae spp.				1																	1
P	Oweniidae spp.				1																	1
Sp	*Sipunculus nudus*					7						4		1				1		1		14
																					Total	1275

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

Mar 2015 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

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

Total 1921

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

Mar 2015 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*			1								2										3
Bi	*Barbatia signata*											1		7		3						11
Bi	*Barbatia virescens*	1		2								9		6		4						22
Bi	*Isognomon isognomon*																			1		1
Bi	*Ruditapes philippinarum*															1		1				2
Bi	*Saccostrea cucullata*	25		17				7		12		81		32		54						228
Bi	*Xenostrobus atrata*	3																				3
C	*Hemigrapsus penicillatus*											1				2				1		4
C	*Metopograpsus latifrons*											1										1
C	*Nanosesarma minutum*	1										2		1		4						8
C	*Uca lactea*																	11				11
C	*Uca vocans*														1							1
G	*Batillaria bornii*											2				12				1		15
G	*Batillaria multiformis*	8		3				2		1		8		5		3		6		5		41
G	*Batillaria zonalis*			5		6		4	1			21	2	28	2	19	1	25	3	17	2	136
G	*Cellana grata*	1		1																		2
G	*Cellana toreuma*	1								2						4						7
G	*Cerithidea cingulata*	5		8				7		2		7		16	1	4		36	1	17		104
G	*Cerithidea djadjariensis*	28		56		2		46		5		52		68	1	13		57		48		376

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

Mar 2015 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Cerithidea rhizophorarum*			3				1				1		2				2	1	6		16
G	*Clithon oualaniensis*							1														1
G	*Dentalium sinuosum*																			1		1
G	*Euchelus scaber*															1						1
G	*Lepidozona* sp.									1												1
G	*Lunella coronata*			2				1		5		6		6		4				2		26
G	*Monodonta labio*	21		1						6		2		2		24						56
G	*Nassarius festivus*					1		3		3		1		1		1		1		2		13
G	*Nerita polita*									2						2						4
G	*Patelloida pygmaea*			1						2				3		2						8
G	*Patelloida saccharina*	2																				2
G	*Thais luteostoma*									1												1
Ne	Nemertea spp.					1																1
P	Maldanidae spp.				2		4	1													1	8
P	Onuphidae spp.						2															2
P	Oweniidae spp.																				1	1
Sp	*Sipunculus nudus*									1		2	1			3						7
																				Total		1125

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

Mar 2015 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*					9						18				11		3		1		42
Bi	*Anomalocardia squamosa*																		1	1		2
Bi	*Barbatia signata*																			1		1
Bi	*Barbatia virescens*																			6		6
Bi	*Circe* sp.														2							2
Bi	*Saccostrea cucullata*					11		9				28				24		15		16		103
Bi	*Xenostrobus atrata*											2										2
C	*Nanosesarma minutum*					1																1
G	*Batillaria bornii*																			5		5
G	*Batillaria multiformis*					1														1		2
G	*Batillaria zonalis*			1		17		10		1	1	19	1	2		18		22		1		93
G	*Cerithidea cingulata*	1																6		3		10
G	*Cerithidea djadjariensis*		1	6		9		25		22		9		9		15		27		33		156
G	*Cerithidea rhizophorarum*															1			1			2
G	*Lepidozona* sp.											2										2
G	*Lunella coronata*					5		5				4								3		17
G	*Nerita polita*																			1		1
G	*Patelloida pygmaea*															3						3
G	*Pisania ignea*							1														1

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

Mar 2015 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Hc	*Clibanarius* sp.							1														1
Hc	*Pagurus dubius*					1																1
P	Maldanidae spp.				1				2		1						1		1			6
P	Onuphidae spp.			1									2		1		1				1	6
P	Oweniidae spp.								1						1							2
Sp	*Sipunculus nudus*																	1				1
																					Total	468

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

Mar 2015 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Circe* sp.		1																			1
Bi	*Geloina erosa*							1							1							2
Bi	*Saccostrea cucullata*			3		1				4				1								9
Bi	*Soletellina diphos*						1															1
C	*Uca* sp.									1												1
G	*Batillaria multiformis*	68	1	27		69		30		58		24		71	3	84	2	1				438
G	*Batillaria zonalis*	2		1						1												4
G	*Cerithidea cingulata*	63	1	36	1	25	2			52	1	102		12		21	2		1	2	1	322
G	*Cerithidea djadjariensis*	92		223	5	131		2		21		20		73		106	9	22		21	1	726
G	*Cerithidea rhizophorarum*	3		6		2		1		1				3			1	2		2		21
G	*Clithon oualaniensis*			1																		1
G	*Nassarius festivus*															2						2
G	*Nassarius hepaticus*											1										1
G	*Nassarius* sp.			1																		1
P	Maldanidae spp.												3								4	7
																					Total	1537

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

Mar 2015 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

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

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

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

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

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

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

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

Total 967

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

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

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

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Clithon oualaniensis*	2		1		2		4														9
G	*Euchelus scaber*													2		1				1		4
G	*Lepidozona* sp.									2												2
G	*Littoraria articulata*	1				1		1						2								5
G	*Lunella coronata*	3		4		4		1		8		4		12		5		7		2		50
G	*Monodonta labio*	15		10		46		29		9		21		38		37		44		35		284
G	*Nassarius festivus*											1		1		1						3
G	*Nassarius* sp.																	2				2
G	*Nerita polita*	3				4		2				2		5		6		1		5		28
G	*Nipponacmea concinna*							1		1		1										3
G	*Patelloida pygmaea*			1		1		1				3								2		8
G	*Planaxis sulcatus*													1								1
Ne	Nemertea spp.													1								1
P	Cirratulidae spp.									1												1
S	*Alpheus brevicristatus*							1														1
																				Total		1715

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*									2		6				3				1		12
Bi	*Barbatia virescens*													5		12		2		2		21
Bi	*Isognomon isognomon*			1																		1
Bi	*Saccostrea cucullata*	43		38				43		36		37		27		50		27		39		340
Bi	*Xenostrobus atrata*	8						1		3		3				5		13				33
C	*Hemigrapsus penicillatus*							1														1
C	*Metopograpsus latifrons*																			1		1
C	*Nanosesarma minutum*	2						1		2		1						1				7
C	*Uca lactea*	6																				6
Cn	Sea anemone spp.	2								4		1		3		1		1		3		15
Ec	Sea cucumber spp.	1																				1
G	*Batillaria bornii*			3				22				16		5		17		8		17		88
G	*Batillaria multiformis*	3		19				2		48		29		13		61		20		34		229
G	*Batillaria zonalis*			4		2																6
G	*Cellana grata*			1				1		4		1		1		2		3		2		15
G	*Cellana toreuma*			9				2		6		8		24		13		15		3		80
G	*Cerithidea cingulata*			7		4		8		2		3		3		5		3		1		36
G	*Cerithidea djadjariensis*			18		49		7				2		1		4		2		1		84
G	*Cerithidea rhizophorarum*			1		3		2														6

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Chlorostoma argyrostoma*					1																1
G	*Clithon oualaniensis*													2								2
G	*Lepidozona* sp.													1								1
G	*Lunella coronata*	4		17				26		10		16		14		10		7		6		110
G	*Monodonta labio*	21		14				9		57		26		27		44		47		43		288
G	*Nassarius festivus*			1				1								2						4
G	*Nerita polita*			1								1		1		3						6
G	*Nipponacmea concinna*									3				1				6				10
G	*Patelloida pygmaea*			1						7		1		3		6		1		2		21
G	Peasiella spp.													1								1
Sp	*Sipunculus nudus*	1																				1
																				Total		1427

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

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

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

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

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

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Cerithidea rhizophorarum*	2		1																		3
G	*Chlorostoma argyrostoma*	1																				1
G	*Euchelus scaber*	6		5		3								2		6		2		1		25
G	*Lepidozona* sp.	2																2				4
G	*Lunella coronata*	30		17		12				2				5		18		28		25		137
G	*Monodonta labio*	5		3														1		1		10
G	*Nassarius festivus*	1										2	1	6		1				2		13
G	*Nerita polita*													2				2				4
G	*Patelloida pygmaea*	1		3		1								1		1						7
G	*Pisania ignea*			6																		6
G	*Thais luteostoma*													1				1				2
P	Cirratulidae spp.	1																				1
Pl	Platyhelminthes spp.																	1				1
S	*Penaeus* sp.					1																1
Sp	*Sipunculus nudus*					1						1		2				1				5
																					Total	528