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

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. 13 (Sep 2015 to Nov 2015)

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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/K for HKBCF were issued on 22 December 2014 and 11 April 2016, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012.

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

This is the thirteenth 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 September 2015 to 30 November 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		
		September 2015	**October 2015**	**November 2015**
Air Quality	1-hr TSP	2, 8, 14, 18, 24 and 30	6, 12, 16, 22 and 27	2, 6, 12, 18, 24 and 30
	24-hr TSP	1, 7, 11, 17, 23 and 29	AMS5: 5, 9, 15, 20, 26 and 30 AMS6: 5, 9, 15, 20 and 26	AMS5: 5, 11, 17, 23 and 27 AMS6: 5, 11, 17 and 27
Noise		4, 8, 14, 24 and 30	6, 12, 22 and 27	2, 12, 18, 24 and 30
Water Quality		2, 4, 7, 9, 11, 14, 16, 18, 21, 23, 25, 28 and 30	2, 5, 7, 9, 12, 14, 16, 19, 21, 23, 26, 28 and 30	2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30
Chinese White Dolphin		2, 11, 17 and 29	6, 13, 19 and 26	2, 6, 10 and 16
Mudflat Monitoring (Ecology)		5, 6, 10, 12 and 13	-	-
Mudflat Monitoring (Sedimentation rate)		10	-	-
Site Inspection		2, 9, 16, 25 and 30	7, 14, 22 and 30	4, 11, 18 and 27

Due to bad weather condition on 2 Sep 2015, noise monitoring at NMS5 was rescheduled from 2 Sep 2015 to 4 Sep 2015.

Due to boat availability issue, the dolphin monitoring schedule was rescheduled from 15 Sep 2015 to 17 Sep 2015, from 21 Sep 2015 to 29 Sep 2015 and from 9 October 2015 to 13 October 2015.

Due to weather condition, the dolphin monitoring schedule was rescheduled from 5 October 2015 to 6 October 2015, from 23 October 2015 to 26 October 2015, from 5 November 2015 to 6 November 2015 and from 13 November 2015 to 16 November 2015.

Due to malfunctioning of HVS at station AMS6, the 24-hr TSP monitoring at station AMS6 on 30 October 2015 was cancelled.

Due to power interruption at station AMS6 on 23 November 2015, the 24-hr TSP monitoring result obtained at AMS6 on 23 November 2015 was not completed and considered invalid.

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	0	0
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	10	0
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0
Dolphin Monitoring	Quarterly Analysis (Sep to Nov 2015)	2	0

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 was one complaint 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-2015-079	7 December 2015	Water Quality

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.

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

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/K for HKBCF were issued on 22 December 2014 and 11 April 2016, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012. **Figure 1.1** shows the project site boundary.

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. Ramboll Environ Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO) for the Project. The project organization with regard to the environmental works is provided in **Appendix A**.

1.1.5 This is the thirteenth 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 September 2015 to 30 November 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

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

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 all observations identified in environmental site inspections undertaken during the 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 Obtained During the Reporting Period

Reporting Period	Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
September 2015	AMS5	95	58 - 151	352	500
	AMS6	97	66 - 138	360	
October 2015	AMS5	123	87 - 204	352	
	AMS6	105	73 - 255	360	
November 2015	AMS5	125	65 - 312	352	
	AMS6	127	78 - 316	360	

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

Reporting Period	Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
September 2015	AMS5	36	18 - 77	164	260
	AMS6	61	34 - 119	173	
October 2015	AMS5	51	14 - 92	164	
	AMS6	80	27 - 136	173	
November 2015	AMS5	55	37 - 71	164	
	AMS6	71	42 - 93	173	

3.2.2 There were no Action and Limit Level exceedances of 1-hour TSP and 24-hour TSP were recorded at AMS5 and 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 Obtained 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)
September 2015	NMS5	56	55 – 58	When one documented complaint is received	75
October 2015		58	58 – 59		
November 2015		60	58 – 67		

*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 and insect 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, ten Action Level exceedances for suspended solid level were recorded. Record of "Notification of Environmental Quality Limit Exceedances" is provided in **Appendix M**. 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 present quarterly period.

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 September to November 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 902.25 km of survey effort was collected, with 95.0% 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, 346.64 km and 555.61 km of survey effort were conducted in NEL and NWL survey areas respectively.

3.5.11 The total survey effort conducted on primary lines 656.41 km, while the effort on secondary lines was 245.84 km. Survey effort conducted on both 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 September-November 2015, a total of 18 groups of 95 Chinese White Dolphins were sighted. A summary table of the dolphin sightings is shown in **Annex II** of **Appendix J.**

3.5.13 For the present quarterly period, all dolphin sightings were made during on-effort search, and all except one dolphin sighting were made on primary lines. Moreover, all dolphin groups were sighted in NWL, while none was sighted at all in NEL. In fact, since July 2014, only one sighting of a lone dolphin was made in NEL during HKLR03 monitoring surveys.

Distribution

3.5.14 Distribution of dolphin sightings made during monitoring surveys in September to November 2015 is shown in **Figure 1 of Appendix J**. Dolphin sightings made in the present quarter were mostly clustered around Lung Kwu Chau (**Figure 1 of Appendix J**). A few other sightings were also made near Sha Chau and to the west of the airport platform (**Figure 1 of Appendix J**).

3.5.15 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 the present quarterly period (**Figure 1 of Appendix J**). On the other hand, two sightings with five dolphins were made in the vicinity of the HKLR09 alignment (**Figure 1 of Appendix J).**

3.5.16 Sighting distribution of the present impact phase monitoring period (September to November 2015) was compared to the one during the baseline monitoring period (September to November 2011). In the present quarter, dolphins have disappeared from 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 eleven quarters of HKLR03 monitoring, which has resulted in zero to extremely low dolphin encounter rate in this area.

3.5.17 In NWL survey area, dolphin occurrence was also drastically different between the baseline and impact phase periods. During the present impact monitoring period, fewer dolphins occurred in 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**).

3.5.18 Another comparison in dolphin distribution was made between the three quarterly periods of autumn months in 2013, 2014 and 2015 (**Figure 2** of **Appendix J**). Among the three autumn

periods, no dolphin was sighted at all in NEL in both 2014 and 2015, while two sightings were made there in 2013 (**Figure 2** of **Appendix J**).

3.5.19 On the other hand, dramatic changes in dolphin distribution in NWL waters were also observed in the autunm months during the three-year period (**Figure 2 of Appendix J**). In 2013, dolphins regularly occurred throughout the NWL survey area, with higher concentrations of sightings around Sha Chau, Lung Kwu Chau, near Black Point and Pillar Point. In 2014, dolphins still frequently occurred around Sha Chau and Lung Kwu Chau, but less frequently in the middle portion of the North Lantau region. In 2015, they infrequently occurred in NWL survey area with the only concentration of sightings around Lung Kwu Chau, while they generally absent for the rest of this area. Similar temporal changes in dolphin distribution were also observed in the spring and summer periods of 2013-15. The temporal trend indicated that dolphin usage in the NWL region has progressively diminished in recent years.

Encounter Rate

3.5.20 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 (September to November 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 (2 & 11 Sep 2015)	0.00	0.00
	Set 2 (17 & 29 Sep 2015)	0.00	0.00
	Set 3 (6 & 13 Oct 2015)	0.00	0.00
	Set 4 (19 & 26 Oct 2015)	0.00	0.00
	Set 5 (2 & 6 Nov 2015)	0.00	0.00
	Set 6 (10 & 16 Nov 2015)	0.00	0.00
Northwest Lantau	Set 1 (2 & 11 Sep 2015)	5.47	51.95
	Set 2 (17 & 29 Sep 2015)	4.01	21.38
	Set 3 (6 & 13 Oct 2015)	5.86	24.91
	Set 4 (19 & 26 Oct 2015)	2.73	10.94
	Set 5 (2 & 6 Nov 2015)	3.84	15.38
	Set 6 (10 & 16 Nov 2015)	1.73	1.73

Table 3.5 Comparison of average dolphin encounter rates from impact monitoring period (September to November 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	0.0	6.00 ± 5.05	0.0	22.19 ± 26.81
Northwest Lantau	3.94 ± 1.57	9.85 ± 5.85	21.05 ± 17.19	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.

3.5.21 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 3.31 sightings and 17.52 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.

3.5.22 In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact monitoring period were zero with no sighting made, and such low occurrence of dolphins in NEL have been consistently recorded in the past eleven quarters of HKLR03 monitoring (**Table 3.6**). This is a serious concern as the dolphin occurrence in NEL in the last eleven 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 two groups of five dolphins sighted there since then despite consistent and intensive survey effort being conducted in this survey area.

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
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

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 2014-February 2015 (Impact)	0.00	0.00
March-May 2015 (Impact)	0.00	0.00
June – August 2015 (Impact)	0.44 ± 1.08	0.44 ± 1.08
September-November 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.

3.5.23 Moreover, the average dolphin encounter rates (STG and ANI) in NWL during the present impact phase monitoring period were also much lower (reductions of 60.0% and 52.9% respectively) than the ones recorded in the 3-month baseline period, indicating a dramatic decline in dolphin usage of this survey area as well during the present impact phase period (**Table 3.7**).

3.5.24 Even for the same autumn quarters, the dolphin encounter rates in NWL during autumn 2015 were much lower than the ones recorded in autumn 2013 and 2014 (**Table 3.7**).

3.5.25 It should be noted that the encounter rates in NWL in the present quarter have slightly rebounded from the exceptionally low level in the previous three quarters (**Table 3.7**). Such potential rebound in dolphin occurrence could be an encouraging sign, and should be continuously monitored in the upcoming monitoring quarters.

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

June – August 2015 (Impact)	2.53 ± 3.20	9.21 ± 11.57
September-November 2015 (Impact)	3.94 ± 1.57	21.05 ± 17.19

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.

3.5.26 As discussed recently in Hung (2015), the dramatic decline in dolphin usage of NEL waters in the past few years (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 since 2012. It appeared that such noticeable decline has already extended to NWL waters progressively in 2013 to 2015.

3.5.27 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).

3.5.28 For the comparison between the baseline period and the present quarter (twelfth quarter of the impact phase being assessed), the p-values for the differences in average dolphin encounter rates of STG and ANI were 0.0079 and 0.071 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in the dolphin encounter rate of STG, but not in the dolphin encounter rate of ANI.

3.5.29 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e first twelve quarters of the impact phase being assessed), the p-values for the differences in average dolphin encounter rates of STG and ANI were 0.00009 and 0.00003 respectively. Even if the alpha value is set at 0.0001, significant differences were still detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.30 As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in both NEL and NWL survey areas during the present quarterly period, and such low occurrence of dolphins has also been consistently documented in previous quarters. This raises serious concern, as the timing of the decline in dolphin usage in North Lantau waters coincided well with the construction schedule of the HZMB-related projects (Hung 2015).

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

Group Size

3.5.32 Group size of Chinese White Dolphins ranged from one to twelve individuals per group in North Lantau region during September to November 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 (Sep – Nov 2015) and Baseline Monitoring Period (Sep – Nov 2011)

Survey Area	Average Dolphin Group Size	
	Reporting Period	Baseline Monitoring Period
Overall	5.28 ± 3.54 (n = 18)	3.72 ± 3.13 (n = 66)
Northeast Lantau	N/A	3.18 ± 2.16 (n = 17)
Northwest Lantau	5.28 ± 3.54 (n = 18)	3.92 ± 3.40 (n = 49)

Note:

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

3.5.33 The average dolphin group sizes in NWL waters during September to November 2015 was higher than the ones recorded during the three-month baseline period (**Table 3.8**). Seven of the 18 groups were composed of 1-3 individuals only, while five other groups were moderate in size with 4-6 individuals per group. Moreover, six large dolphin groups were sighted during the present quarterly period, including three groups with 7-9 individuals each, and another three groups with 10-12 individuals each.

3.5.34 Distribution of dolphins with larger group sizes (five individuals or more per group and ten individuals per group) during the present quarter is shown in **Figure 3 of Appendix J**, with comparison to the one in baseline period. During the autumn months of 2015, distribution of these large groups of dolphins were all located around Lung Kwu Chau and Sha Chau, with the three exceptionally large groups of dolphins (i.e. with 10 or more individuals) sighted adjacent to Lung Kwu Chau (**Figure 3 of Appendix J**). This distribution pattern was very 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**).

Habitat Use

3.5.35 From September to November 2015, the only area being heavily utilized by Chinese White Dolphins was around and to the north of Lung Kwu Chau, as well as both eastern and western sides of Sha Chau in North Lantau region (**Figures 4a and 4b of Appendix J**). All grids near HKLR03/HKBCF reclamation sites as well as TMCLKL alignment did not record any presence of dolphins during on-effort search in the present quarterly period, but one grid (F19) in the vicinity of HKLR09 alignment recorded moderately high dolphin densities (**Figures 4b of Appendix J**).

3.5.36 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 should be examined when more survey effort for each grid will be collected throughout the impact phase monitoring programme.

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

3.5.38 The density patterns were also very different in NWL between the baseline and impact phase monitoring periods, 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. In contrast, only the waters around Lung Kwu Chau and Sha Chau recorded high densities of dolphins during the present impact phase period (**Figure 5 of Appendix J**).

Mother-calf Pairs

3.5.39 During the present quarterly period, two young calves (i.e. unspotted calf or unspotted juvenile) were spotted with their mothers near Lung Kwu Chau

3.5.40 The rare occurrence of young calves in the present quarter was in stark contrast to their regular occurrence in North Lantau waters during the baseline period. This should be of a serious concern, and the occurrence of young calves in North Lantau waters should be closely monitored in the upcoming quarters.

Activities and Associations with Fishing Boats

3.5.41 Four of the 18 dolphin groups were engaged in feeding activities, while two other dolphin groups were engaged in socializing activities. None of the dolphin groups were engaged in traveling or milling/resting activity during the three-month study period.

3.5.42 The percentages of sightings associated with feeding activities (22.2%) and socializing activities (11.1%) during the present impact phase period were both higher than the ones recorded during the baseline period (11.6% and 5.4% respectively). However, it should be noted the sample sizes on total numbers of dolphin sightings were very different between the two periods

3.5.43 Distribution of dolphins engaged in various activities during the present three-month period and baseline period is shown in **Figure 6 of Appendix J**. The four dolphin groups engaged in feeding activities were sighted near Lung Kwu Chau and Sha Chau as well as to the north of Lung Kwu Chau (**Figure 6 of Appendix J**). The two groups engaged in socializing activities were both located to the west of Lung Kwu Chau (**Figure 6 of Appendix J**).

3.5.44 When compared to the baseline period, distribution of various dolphin activities during the present impact phase monitoring period was drastically different with a much more restricted area of occurrences.

3.5.45 As consistently recorded in the past monitoring quarters, none of the 18 dolphin groups was found to be associated with operating fishing vessels in North Lantau waters during the present impact phase period.

Summary Photo-identification works

3.5.46 From September to November 2015, over 2,500 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.5.47 In total, 34 individuals sighted 65 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 re-sightings were made in NWL.

3.5.48 The majority of identified individuals were sighted only once or twice during the three-month period, with the exception of two individuals (NL46 and NL210) being 3-4 times and another three individuals (NL48, NL202 and NL286) being sighted 5-6 times.

3.5.49 Notably, eight of these 34 individuals (NL33, NL123, NL284, NL285, WL05, WL79, WL241 and WL243) were also sighted in West Lantau waters during the HKLR09 monitoring surveys from September to November 2015, implying that they have moved across the HKLR09 bridge alignment during the same three-month period.

Individual range use

3.5.50 Ranging patterns of the 34 individuals identified during the three-month study period were determined by fixed kernel method, and are shown in **Annex V** of **Appendix J**.

3.5.51 All identified dolphins sighted in the present quarter were utilizing NWL waters only, but have completely avoided 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 the baseline period.

3.5.52 Notably, several individuals (NL33, NL123, NL284, NL285 and WL05) consistently utilized both NWL and NEL waters in the past have extended their range use to WL waters (and even SWL waters in the case of NL33) during the present quarter. In the upcoming quarters, individual range use and movements should be continuously monitored to examine whether there has been any consistent shifts of individual home ranges from North Lantau to West or Southwest Lantau, as such shift could possibly be related to the HZMB-related construction works (see Hung 2015).

Action Level / Limit Level Exceedance

3.5.53 There was two Action Level exceedances of dolphin monitoring for the quarterly monitoring data (between September - November 2015). According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of September to November 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation. There is no evidence showing the current AL 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.

3.5.54 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).A).

3.5.55 For the comparison between the baseline period and the present quarter (12th quarter of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0079 and 0.071 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in dolphin encounter rate of STG, but not in the dolphin encounter rate of ANI.

3.5.56 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first twelve quarters of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.00009 and 0.00003 respectively. Even if the alpha value is set at 0.001, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.57 The AFCD monitoring data during September 2015 to November 2015 has been reviewed by the dolphin specialist. During the same quarter, no dolphin was sighted from 78.70 km of survey effort on primary lines in NEL, while seven groups of 24 dolphins were sighted from 144.11 km of survey effort on primary lines in NWL. This review has confirmed that the low occurrence of dolphins reported by the HKLR03 monitoring surveys in autumn 2015 in NEL and NWL survey area is accurate.

3.5.58 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.

3.5.59 A meeting was held on 15 January 2016 with attendance of representative of Highways Department (HyD), 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/2012/07 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.

3.5.60 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.

3.5.61 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.

3.5.62 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.

3.5.63 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.

3.5.64 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. HyD updated that the proposed BMP will be gazetted in January 2016. The ETs were reminded to update the BMP boundary in the Regular Marine Travel Route Plan.

3.5.65 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 10 September 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 (September 2015)		
Monitoring Station	**Easting (m)**	**Northing (m)**	**Surface Level (mPD)**	**Easting (m)**	**Northing (m)**	**Surface Level (mPD)**
S1	810291.160	816678.727	0.950	810291.167	816678.723	1.061
S2	810958.272	815831.531	0.864	810958.278	815831.542	0.960

S3	810716.585	815953.308	1.341	810716.595	815953.340	1.466
S4	811221.433	816151.381	0.931	811221.414	816151.336	1.004

Table 3.10 Comparison of Measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	0.007	-0.004	0.111	Level continuously increased
S2	0.006	0.011	0.096	Level continuously increased
S3	0.010	0.032	0.125	Level continuously increased
S4	-0.019	-0.045	0.073	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 September 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-Sep-15	5.69	20.40	8.30	5.46	15.85	13.50
4-Sep-15	6.27	7.55	7.35	6.22	4.40	4.60
7-Sep-15	6.32	3.75	3.30	6.43	4.75	5.80
9-Sep-15	6.89	4.65	2.95	7.75	4.80	4.10
11-Sep-15	6.53	5.95	5.35	9.00	7.20	6.80
14-Sep-15	5.82	6.75	6.50	5.74	5.35	7.00
16-Sep-15	5.86	10.70	11.90	5.64	7.50	7.70
18-Sep-15	5.82	8.50	7.50	5.71	6.70	6.20
21-Sep-15	6.07	6.30	5.30	6.58	3.80	2.70
23-Sep-15	6.15	3.80	2.45	7.39	3.30	2.60
25-Sep-15	6.63	5.20	5.90	8.23	10.05	5.20
28-Sep-15	5.27	7.65	7.90	6.04	8.05	8.55
30-Sep-15	5.64	17.15	13.75	5.47	12.45	16.00
Average	6.07	8.33	6.80	6.59	7.25	6.98

Mudflat Ecology Monitoring

Sampling Zone

3.6.6 In order to collect baseline information of mudflats in the study site, the study site was divided into three sampling zones (labeled as TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (labeled as ST) (**Figure 2.1 of Appendix O**). The horizontal length of sampling zones TC1, TC2, TC3 and ST were about 250 m, 300 m, 300 m and 250 m, respectively. Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in every sampling zone. The present survey was conducted in September 2015 (totally 5 sampling days between 5th and 13th September 2015The 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 6th (for TC1), 10th (for TC3 and ST) and 12th (for TC2) September 2015. During the survey period, the weather was hot and sunny in TC1, TC3 and ST while it was rainy in TC2.

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 6th (for TC1), 10th (for TC3 and ST) and 12th (for TC2) September 2015. During the survey period, the weather was hot and sunny in TC1, TC3 and ST while it was rainy in TC2.

Intertidal Soft Shore Communities

3.6.9 The intertidal soft shore community surveys were conducted in low tide period on 5th (for ST), 6th (for TC1), 12th (for TC2) and 13th September 2015 (for TC3). 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 were 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'= -Σ (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 In general, two species of horseshoe crab *Carcinoscorpius rotundicauda* (total 196 ind.) and *Tachypleus tridentatus* (total 10 ind.) were recorded in the survey area. Individuals were mainly found on fine sand while few were found on soft mud. The group size varied from 2 to 26 individuals for every sight record. Although less number of *Tachypleus tridentatus* was recorded, the average body size was larger than that of *Carcinoscorpius rotundicauda*. Photo records were shown in **Figure 3.1 of Appendix O** while the complete records of horseshoe crab survey in every sampling zone were shown in **Annex II of Appendix O**.

3.6.15 One big individual of *Carcinoscorpius rotundicauda* was found trapped in a trash fish net (**Figure 3.1 of Appendix O**) on ST shore (GPS coordinate: 22° 17.385' N, 113° 55.460' E). Its prosomal width reached 130.77 mm. After photo recording, it was released to water. This big individual should have had migrated to sub-tidal habitat. It might forage on intertidal habitat occasionally during high tide period. Since intertidal soft shore was no longer a nursery ground for this individual, its record was excluded from the data analysis. It was to avoid mixing up with juvenile population living on soft shore.

3.6.16 **Table 3.1 of Appendix O** summarizes the survey results of horseshoe crab in present survey. For *Carcinoscorpius rotundicauda,* it could be found in all sampling zones while more individuals were recorded in TC3 and ST (TC1: 41 ind., TC2: 4 ind., TC3: 70 ind., ST: 81 ind.). The search record was 10.3 ind. hr^{-1} $person^{-1}$, 1.0 ind. hr^{-1} $person^{-1}$, 11.7 ind. hr^{-1} $person^{-1}$, 13.5 ind. hr^{-1} $person^{-1}$ in TC1, TC2, TC3 and ST respectively. The size of individuals was similar among TC1 (mean prosomal width: 39.58 mm), TC2 (36.20 mm) and ST (37.03mm) while that of TC3 was smaller (27.27 mm).

3.6.17 For *Tachypleus tridentatus,* it could be found in TC3 (1 ind.) and ST (9 ind.) only. The search records were 0.2 ind. hr^{-1} $person^{-1}$ and 1.5 ind. hr^{-1} $person^{-1}$ in TC3 and ST respectively. The mean prosomal width of TC3 (53.90 mm) was larger than that of ST (48.50mm).

3.6.18 In the previous survey of March 2015, there was one important finding that a mating pair of *Carcinoscorpius rotundicauda* was found in ST (prosomal width: male 155.1 mm, female 138.2 mm) **(Figure 3.2 of Appendix 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 3.2 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.

3.6.19 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.

3.6.20 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

3.6.21 **Figures 3.3 and 3.4 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 from September 2012 to September 2014. Then the search record in TC3 was even higher than that in ST from March 2015 to June 2015. In this sampling month (Sep. 2015), highest search record was found in ST again. For TC1, the search record was at low to medium level and fluctuated slightly along the sampling months. In contrast, much lower search record was found in TC2 (2 ind. in September 2013, 1 ind. in March, June, September. 2014, March and June 2015, 4 ind. in September. 2015). For spatial difference of horseshoe crab size, larger individuals were usually found in ST while smaller individuals were usually found in TC3.

3.6.22 Throughout the monitoring period conducted, it was obvious that TC3 and ST (western shore of Tung Chung Wan) was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). Relatively, other sampling zones were not a suitable nursery ground especially TC2. Possible factors were less area of suitable substratum (especially TC1) and higher human disturbance (TC1 and TC2: close to urban district and easily accessible). In TC2, large daily salinity fluctuation was a possible factor either since it was flushed by two rivers under tidal inundation. The individuals inhabiting TC1 and TC2 were confined in small moving range due to limited area of suitable substrata during the nursery period.

Seasonal variation of horseshoe crab population

3.6.23 Throughout the monitoring period conducted, the search record of horseshoe crab declined obviously during dry season especially December (**Figures 3.3 and 3.4 of Appendix O**). In December 2013, no individual of horseshoe crab was found. In December 2014, 2 individuals of *Carcinoscorpius rotundicauda* and 8 individuals of *Tachypleus tridentatus* were found only. The horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15 ºC). Similar results of low search record in dry season were reported in a previous territory-wide survey of horseshoe crab. For example, the search records in Tung Chung Wan were 0.17 ind. hr^{-1} $person^{-1}$ and 0.00 ind. hr^{-1} $person^{-1}$ in wet season and dry season respectively (details see Li, 2008). After the dry season, the search record increased with the warmer climate.

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

3.6.25 For *Tachypleus tridentatus,* sharp increase of number of individuals was recorded in ST with wet season (from March to September 2013). According to a personal conversation with Prof. Shin (CityU), his monitoring team had recorded similar increase of horseshoe crab population during wet season. It was believed that the suitable ambient temperature increased its conspicuousness. However similar pattern was not recorded during the wet season of 2014. The number of individuals increased in March and June 2014 followed by a rapid decline in September 2014. Then the number of individuals showed a general decreasing trend from March. 2014 to June 2015. Apart from natural mortality, migration from nursery soft shore to subtidal habitat was another possible cause. Since the mean prosomal width of *Tachypleus tridentatus* continued to grow and reached about 50 mm since March 2014. Then it varied slightly between 50-65 mm from September 2014 to September 2015. Most of the individuals might have reached a suitable size strong enough to forage in sub-tidal habitat.

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

Box plot of horseshoe crab populations in TC3

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

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

Box plot of horseshoe crab populations in ST

3.6.29 **Figure 3.6 of Appendix O** shows the changes of prosomal width of *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* in ST. As mentioned above, *Carcinoscorpius rotundicauda* was rarely found between September 2012 and December 2013 hence the data were lacking. From Mar. 2014 to Sep. 2015, the size of major population decreased and more small individuals were recorded after Jun. of every year. It indicated new rounds of successful breeding and spawning of *Carcinoscorpius rotundicauda* in ST. It matched with the previous mating record in ST in Mar. 2015. Because the newly hatched individuals (prosomal width ~5mm) would take about half year to grow to a size with conspicuous walking trail.

3.6.30 For *Tachypleus tridentatus,* a consistent growing trend was observed for the major population from December 2012 to December 2014 regardless of change of search record. The prosomal width increased from 15-30 mm to 55-70 mm. As mentioned, the large individuals might have reached a suitable size for migrating from the nursery soft shore to subtidal habitat. From March to June 2015, the size of major population decreased slightly with prosomal width 40-60 mm. It further indicated some of order individuals might have migrated to sub-tidal habitat. From March to September 2015, the size of major population decreased slightly to a prosomal width 40-60 mm. At the same time, the number of individuals decreased gradually. It further indicated some of large individuals might have migrated to sub-tidal habitats.

3.6.31 As a summary for horseshoe crab populations in TC3 and ST, there was successful spawning of *Carcinoscorpius rotundicauda* from 2014 to 2015. The spawning time should be in spring

while the major spawning month might be different slightly between two zones. There were consistent, increasing trends of population size in these two sampling zones. For *Tachypleus tridentatus*, small individuals were rarely found TC3 and ST from 2014 to 2015. It was believed no occurrence of successful spawning. The existing individuals (that recorded since 2012) grew to a mature size and migrated to sub-tidal habitat. Hence the number of individuals decreased gradually. It was expected the population would remain at low level until new round of successful spawning.

Impact of the HKLR project

3.6.32 The present survey was the 12th survey of the EM&A programme during the construction period. Based on the results, impact of the HKLR project could not be detected on horseshoe crabs considering the factor of natural, seasonal variation. In case, abnormal phenomenon (e.g. very few numbers of horseshoe crab individuals in warm weather, large number of dead individuals on the shore) is observed, it would be reported as soon as possible.

Seagrass Beds

3.6.33 In general, two species of seagrass *Halophila ovalis* and *Zostera japonica* were recorded in ST only. Both species were found on sandy substratum nearby the seaward side of mangrove vegetation at 2.0 m above C.D. Two species were found coexisting in two seagrass beds. Photo records were shown in **Figure 3.7 of Appendix O** while the complete records of seagrass beds survey were shown in **Annex III of Appendix O.**

3.6.34 **Table 3.2 of Appendix O** summarize the results of seagrass beds survey in ST. Four patches of *Halophila ovalis* were found while the total seagrass bed area was about 91.4 m^2 (average area 22.8 m^2). The largest patch was a long strand with seagrass bed area 32.0 m^2 and variable vegetation coverage 10-80%. Two other patches were smaller strands (17.4 and 26.3 m^2) with variable vegetation coverage 30-60%. Both had co-existing seagrass *Zostera japonica*. The smallest patch was about 15.8 m^2 with highest percentage coverage 80%. For *Zostera japonica*, there were two long strands (17.4-26.3 m^2) of seagrass beds with low coverage percentage 10-20%. Both long strands had co-existing seagrass *Halophila ovalis*. The total seagrass bed area was about 43.7 m^2 (average area 21.8 m^2).

Temporal variation of seagrass beds

3.6.35 **Figure 3.8 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). From March to June 2015, the patch size increased sharply again (90.0 m^2). It might be due to the disappearance of the originally dominant seagrass *Halophila ovalis* resulting in less competition for substratum and nutrients. In September 2015, the patch size decreased and was found coexisting with seagrass *Halophila ovalis*. In general, the seagrass bed of *Zostera japonica* fluctuated in patch size along the sampling months.

3.6.36 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 September 2012 (First survey). The total seagrass bed area grew steadily from 332.3 m^2 in September 2012 to 727.4 m^2 in December 2013. Flowers could be observed in the largest patch during its flowering period in December 2013. In March 2014, 31 small to medium patches were newly recorded (variable area 1-72 m^2 per patch, vegetation coverage 40-80% per patch) in lower tidal zone between 1.0 and 1.5 m above C.D. The total seagrass area increased further to 1350 m^2. In June 2014, these small and medium patches grew and extended to each others. These patches were no longer distinguishable and were covering a

significant mudflat area of ST. It was generally grouped into 4 large areas (1116 – 2443 m^2) of seagrass beds characterized of patchy distribution, variable vegetable coverage (40-80%) and smaller leaves. The total seagrass bed area increased sharply to 7629 m^2. In September 2014, the total seagrass area declined sharply to 1111 m^2. There were only 3-4 small to large patches (6 - 253 m^2) at high tidal level and 1 patch at low tidal level (786 m^2). Typhoon or strong water current was a possible cause (Fong, 1998). In September 2014, there were two tropical cyclone records in Hong Kong (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.

3.6.37 In December 2014, all the seagrass patches of *Halophila ovalis* disappeared in ST. **Figure 3.9 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*

3.6.38 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.

3.6.39 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).

3.6.40 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.

3.6.41 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.

3.6.42 From March to June 2015, 2-3 small patches of *Halophila ovalis* were newly found coinhabiting with another seagrass species *Zostera japonica*. But its total patch area was still very low relative to the previous records. The recolonization rate was low while cold weather and insufficient sunlight were possible factors between December 2014 and March 2015. Moreover, it would need to compete with more abundant seagrass *Zostera japonica* for substratum and nutrient. Since *Zostera japonica* had extended and had covered the original seagrass bed of *Halophila ovalis* at certain degree. In September 2015, the total seagrass area of *Halophila ovalis* had increased rapidly from 6.8 m^2 to 91.35 m^2. It had recolonized its original patch locations and covered *Zostera japonica*. Hence it was expected that the seagrass bed of *Halophila ovalis* would increase continually in the following months.

Impact of the HKLR project

3.6.43 The present survey was the 12th survey of the EM&A programme during the construction period. According to the results of present survey, there was recolonization of both seagrass species *Halophila ovalis* and *Zostera japonica* in ST. The seagrass patches were believed in recovery. Hence the negative impact of HKLR project on the seagrass was not significant. In case, adverse phenomenon (e.g. reduction of seagrass patch size, abnormal change of leave colour) is observed again, it would be reported as soon as possible.

Intertidal Soft Shore Communities

3.6.44 **Table 3.3 and Figure 3.10 of Appendix O** show the types of substratum along the horizontal transect at every tidal level in every sampling zone. The relative distribution of different substrata was estimated by categorizing the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect. The distribution of substratum types varied among tidal levels and sampling zones:

- In TC1, high percentage of 'Sands' (70%) was recorded at high tidal level which was different from previous records (high percentage of 'Gravels and Boulders'). By direct observation on site, there was no obvious change of substratum at high tidal level. Hence it was simply due to more random quadrats laid on sandy substratum in this sampling. High percentage of 'Gravels and Boulders' was recorded (80-100%) at mid and low tidal levels.
- In TC2, the substratum distribution was different between tidal levels. At high tidal level, higher percentage of 'Sands' (60%) was recorded followed by 'Soft mud' (30%). At mid tidal level, higher percentage of 'Sands' (70%) was recorded followed by 'Gravels and Boulders' (30%). At low tidal level, higher percentage of 'Soft mud' (60%) was recorded followed by 'Sands' (40%).

- In TC3, the substratum type was clearly different between high-mid tidal level and low tidal level. 'Sands' was the main substratum type (90-100%) at high and mid tidal levels while 'Gravels and Boulders' was the main substratum type (100%) at low tidal level.
- In ST, the substratum type was clearly different between high-mid tidal level and low tidal level. 'Gravels and Boulders' (90-100%) was the main substratum at high and mid tidal levels. At low tidal level, higher percentage of 'Sands' (70%) was recorded followed by 'Gravels and Boulders' (30%).

3.6.45 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.

3.6.46 **Table 3.4 of Appendix O** lists the total abundance, density and number of taxon of every phylum in this survey. A total of 12502 individuals were recorded. Mollusca was significantly the most abundant phylum (total individuals 11994, density 400 ind. m^{-2}, relative abundance 95.9%). The second abundant phylum was Arthropoda (383 ind., 13 ind. m^{-2}, 3.1%). The third and fourth abundant phyla were Annelida (71 ind., 2 ind. m^{-2}, 0.6%) and Sipuncula (23 ind., 1 ind. m^{-2}, 0.2%). Relatively other phyla were very low in abundances (density $\leq$1 ind. m^{-2}, relative abundance $\leq$0.1%). Moreover, the most diverse phylum was Mollusca (35 taxa) followed by Arthropoda (13 taxa) and Annelida (9 taxa). There was 1 taxon recorded only for other phyla. The complete list of collected specimens is shown in **Annex V of Appendix O**.

3.6.47 **Table 3.5 of Appendix O** show the number of individual, relative abundance and density of each phylum in every sampling zone. The total abundance (2454-4506 ind.) varied among the four sampling zones while the phyla distributions were similar. In general, Mollusca was the most dominant phylum (no. of individuals: 2359-4297 ind.; relative abundance 94.9-98.0%; density 315-573 ind. m^{-2}). Other phyla were significantly lower in number of individuals. Arthropoda was the second abundant phylum (35-169 ind.; 1.4-3.8%; 5-23 ind. m^{-2}). Annelida was the third abundant phylum (32-35 ind.; 0.8-1.1%; 4-5 ind. m^{-2}) in TC2 and TC3. Sipuncula was the third or fourth abundant phylum (8-9 ind.; 0.3%; 1 ind. m^{-2}) in TC1 and TC2. Cnidaria (sea anemone) was the third abundant phylum (12 ind.; 0.5%; 2 ind. m^{-2}) in ST. Relatively other phyla were low in abundance among the four sampling zones (≤ 0.3%).

Dominant species in every sampling zone

3.6.48 **Table 3.6 of Appendix O** lists the abundant species (relative abundance >10%) in every sampling zone. In TC1, gastropod *Batillaria multiformis* was the most abundant species (54 ind. m^{-2}, relative abundance 29%) followed by gastropods *Cerithidea djadjariensis* (47 ind. m^{-2}, 25%) and *Cerithidea cingulata* (38 ind. m^{-2}, 20%) at high tidal level (major substratum: 'Sands'). However all abundant species were at low density relative to other sampling zones. At mid tidal level (major substratum: 'Gravels and Boulders'), the abundant species were gastropods *Monodonta labio* (112 ind. m^{-2}, 34%), *Batillaria multiformis* (79 ind. m^{-2}, 24%) and rock oyster *Saccostrea cucullata* (72 ind. m^{-2}, 22%, attached on boulders) at low-moderate densities. At low tidal level (major substratum: 'Gravels and Boulders'), gastropod *Monodonta labio* (242 ind. m^{-2}, 47%) and rock oyster *Saccostrea cucullata* (121 ind. m^{-2}, 24%) were abundant at moderate-high densities.

3.6.49 At TC2, gastropod *Cerithidea djadjariensis* (407 ind. m^{-2}, 53%) was the most abundant at high density followed by *Cerithidea cingulata* (157 ind. m^{-2}, 20%) at high tidal level (major substratum: 'Sands'). Relative to high tidal level, the density of every taxon was much lower and similar at mid and low tidal levels. No dominant species was determined. At mid tidal level (major substratum: 'Sands'), rock oyster *Saccostrea cucullata* (76 ind. m^{-2}, 25%, attached on boulders), gastropods *Batillaria zonalis* (73 ind. m^{-2}, 24%), *Monodonta labio* (44 ind. m^{-2}, 15%) and *Cerithidea djadjariensis* (31 ind. m^{-2}, 10%) were commonly occurring at low density. At low tidal level (major substratum: 'Soft mud'), *Batillaria zonalis* (41 ind. m^{-2}, 34%), rock oyster *Saccostrea cucullata* (24 ind. m^{-2}, 20%) and barnacle *Balanus amphitrite* (19 ind. m^{-2}, 16%, attached on boulders) were commonly occurring at low density.

3.6.50 A*t* TC3, the abundant species were similar with variable densities at high and mid tidal levels (major substratum: 'Sands'). There were gastropods *Cerithidea djadjariensis* (146-257 ind. m^{-2}, 25-35%), *Batillaria multiformis* (143-256 ind. m^{-2}, 25-35%) and *Cerithidea cingulata* (128-222 ind. m^{-2}, 18-39%) at moderate densities. At low tidal level (major substratum: 'Gravels and Boulders'), gastropod *Monodonta labio* (197 ind. m^{-2}, 39%) and rock oyster *Saccostrea cucullata* (146 ind. m^{-2}, 29%, attached on boulders) were abundant at moderate densities. Little black mussel *Xenostrobus atratus* (48 ind. m^{-2}, 10%) was the third abundant species at low density.

3.6.51 At ST, gastropod *Monodonta labio* (130-145 ind. m^{-2}, 34-38%) and rock oyster *Saccostrea cucullata* (80-91 ind. m^{-2}, 21-24%, attached on boulders) were the abundant species of low-moderate densities at high and mid tidal levels (major substratum: 'Gravels and Boulders'). Gastropods *Batillaria multiformis* (76 ind. m^{-2}, 20%) and *Lunella coronata* (45 ind. m^{-2}, 12%) were the third abundant species at high tidal level and mid tidal level respectively. At low tidal level (major substratum: 'Sands'), rock oyster *Saccostrea cucullata* (71 ind. m^{-2}, 33%) was the most abundant followed by gastropods *Lunella coronata* (41 ind. m^{-2}, 19%) and *Euchelus scaber* (30 ind. m^{-2}, 14%). All three species were at low densities.

3.6.52 In general, there was no consistent zonation pattern of species distribution observed across all sampling zones and tidal levelsThe species distribution should be determined by the type of substratum primarily. In general, gastropods *Cerithidea djadjariensis* (total number of individuals: 2350 ind., relative abundance 18.8%), *Batillaria multiformis* (1757 ind., 14.1%), and *Cerithidea cingulata* (1561 ind., 12.5%) and *Batillaria zonalis* (468 ind., 3.7%) were the most commonly occurring species on sandy and soft mud substrata. Gastropods *Monodonta labio* (2249 ind., 18.0%), *Lunella coronata* (408 ind., 3.3%) and rock oyster *Saccostrea cucullata* (1930 ind., 15.4%) were commonly occurring species inhabiting gravel and boulders substratum.

3.6.53 Relative to the results of previous sampling (June 2015), the densities of gastropod *Batillaria multiformis* declined sharply in TC1, TC3 and ST. Heat stress was one possible cause of population decline. According to the online database of Hong Kong Observatory, there were 14, 13 and 18 days with 'Very Hot Weather Warning' in June, July and August 2015 respectively (total 45 days) with mean monthly ambient temperature 29.1-29.7 ˚C. Moreover majority of low tide period occurs in day time of summer (especially afternoon) in Hong Kong. The substratum between mid and high tidal levels would be strongly heated under direct sunshine with little water splashing. Since this gastropod species usually inhabits at high and mid tidal levels, high mortality rate would be resulted. Its population was believed to be restored gradually during dry season.

Biodiversity and abundance of soft shore communities

3.6.54 **Table 3.7 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 mean species number (10 spp. 0.25 m^{-2}) and mean *H'* (1.6) in ST were slightly higher than other sampling zones (mean species number: 8 spp. 0.25 m^{-2}, *H'* 1.3-1.4). The mean densities were quite variable among sites. The mean density of TC3 (601 ind. m^{-2}) was higher than other sampling zones (327-398 ind. m^{-2}). However mean *J* showed no clear difference among sampling zones (0.6-0.7).

3.6.55 Across the tidal levels, there was no consistent difference of the mean number of species, *H'* and *J* in all sampling zones. For the mean density, a general decreasing trend was observed from high tidal level to low tidal level at TC2, TC3 and ST. At TC1, the mean density at low tidal level was higher than that at high and mid tidal levels. As mentioned, the variation of mean density should be determined by the type of substratum primarily.

3.6.56 **Figures 3.11 to 3.14 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. From Jun. to Sep. 2015, the mean densities decreased clearly at high tidal level in TC1 and ST. As mentioned, it was due to higher mortality of dominant gastropod *Batillaria*

multiformis under heat stress of wet season. Overall no consistent temporal change of any biological parameters was observed. All the parameters were under slight and natural fluctuation with the seasonal variation.

Impact of the HKLR project

3.6.57 The present survey was the 12th 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 There were no Action/ Limit Level exceedances of 1-hour TSP and 24-hour TSP at AMS5 and AMS6 during the reporting period.

Noise

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

Water Quality

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

4.1.2 The construction activities were carried out within silt curtain as recommended in the EIA Report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. The exceedance of suspended solid level was considered to be attributed to other external factors, rather than the contract works. Therefore, the exceedance was 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

4.1.3 There was two Action Level exceedances of dolphin monitoring for the quarterly monitoring data (between September - November 2015). According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of September to November 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation.

4.1.4 There is no evidence showing the current AL 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.

4.1.5 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	--	--	--	--	--	--	25 Nov 2015	25 Nov 2015	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	--	--	--	--	--	25 Nov 2015	25 Nov 2015	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	25 Nov 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	2 Oct 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR3	Action Level	--	--	--	--	--	--	25 Nov 2015	25 Nov 2015	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR4	Action Level	--	--	--	--	--	--	--	11 Sep 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	2 Oct 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	3	7	10**	
	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 was one complaint 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-2015-079	7 December 2015	Water Quality

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 place additional sand bags along the boundary of dusty material at N1.
- The Contractor was reminded to replace the broken sand bags at N20.
- The Contractor was reminded to provide water spraying for drilling activities at S8 and breaking activity/ excavation works at S16.
- The Contractor was reminded to spray water regularly on the unpaved road at S16.
- The Contractor was reminded to provide a proper cover for drilling machines to avoid dust emission at S15.
- The Contractor was reminded to repair the shelter of cement storage area to minimise dust emission at S11;
- The Contractor was reminded to cover the bags of cement provide cover on the dump truck at HMA of Portion Y.
- The Contractor was reminded to seal the holes of the water barriers at WA6.
- The Contractor was reminded to provide proper noise barriers at S16.
- The Contractor was reminded to cover the engine cover at all times during its operation at S15.
- The Contractor was reminded to maintain the silt curtain in accordance with the design plan at Portion X.
- The Contractor was reminded to place sand bags around the storage area of aggregate/clay at vessel Shun Tat 82.
- The Contractor was reminded to seal the gap completely to avoid seepage of untreated water to water body at S11.
- The Contractor was reminded to remove the concrete rubbles and dusty materials and prevent washing away the dusty materials into the sea at S7.
- The Contractor was reminded to replace/provide sandbags to the edge of S7 to prevent washing away sand and the leakage of the muddy water into the sea at S7.
- The Contractor was reminded to clean up the surface runoff at N1.
- The Contractor was reminded to reconnect the wastewater treatment plant to provide the waste water treatment at S25.
- The Contractor was reminded to collect the muddy water for treatment prior to discharge at S25.
- The Contractor was reminded to provide sand bags along the site boundary at S25.
- The Contractor was reminded to conduct and record the inspection record of sewage treatment plant accordingly.
- The Contractor was reminded to block the site entrance /exit or provide a wheel wash facility for the site entrance/exit at S8.
- The Contractor was reminded to provide a labour to wash wheels at WA4.
- The Contractor was reminded to clean the obstacle in the wheel washing bay at S23.
- The Contractor was reminded to place sand bags along the road at N20.
- The Contractor was reminded to provide a proper wheel washing facility and provide wheel washing for the dump truck before leaving the site at N20.

- The Contractor was reminded to collect the stagnant water for treatment prior to discharge at N4, S16, S8, S9, S11, S16, ventilation building, HMA of Portion Y, A2 bridge of N20 and inside the abandon wheel washing bay at N20.
- The Contractor was reminded to use a red bucket to contain the water dripping from air-conditioner at HMA of Portion Y.
- The Contractor was reminded to remove the empty chemical containers at S15.
- The Contractor was reminded to provide a drip tray for the chemical containers to avoid land contamination at S8, S11, S15, scaffolding area of ventilation building and HMA of Portion Y.
- The Contractor was reminded to clear oil stains at S11.
- The Contractor was reminded to collect the waste properly at S15 and S25.
- The Contractor was reminded to clean up a refuse skip frequently at S8.
- The Contractor was reminded to remove the waste cement bags at S11.
- The Contractor was reminded to remove the rubbish at N1, S7, S11, S15, S19, WA6, S25, A2 bridge of N20 and HMA of Portion Y.
- The Contractor was reminded to clean up the general refuse / wood strips waste in the container at HMA of Portion Y.
- The Contractor was reminded to clean up the used wooden panels and rubbish in the container at S11.
- The Contractor was reminded to clean up the concrete waste at S19, N20 and HMA of Portion Y.

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 thirteenth Quarterly EM&A Report which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 September 2015 to 30 November 2015.

Air Quality

5.3.2 There were no Action/Limit Level exceedances of 1-hour TSP and 24-hour TSP at AMS5 and AMS6 during the reporting period.

Noise

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

Water Quality

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

Dolphin

5.3.5 There were two Action Level exceedances of dolphin monitoring for the quarterly monitoring data (September – November 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 since 2012, 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 September 2015 survey was the twelfth 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 believed in recovery. 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 2, 9, 16, 25 and 30 September 2015, 7, 14, 22 and 30 October 2015 and 4, 11, 18 and 27 November 2015. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

5.3.12 There was one complaint received during the reporting period.

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

FIGURES

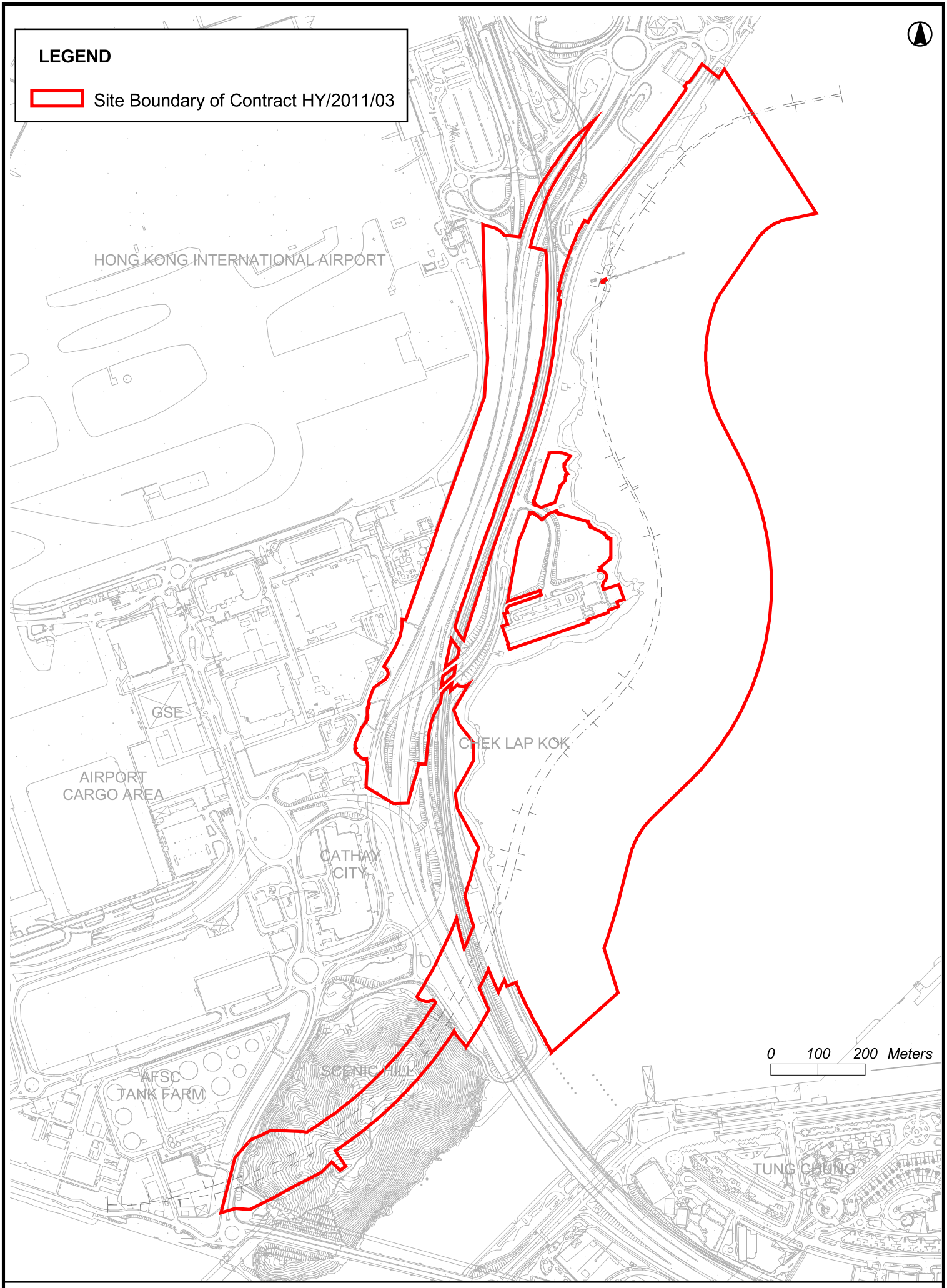


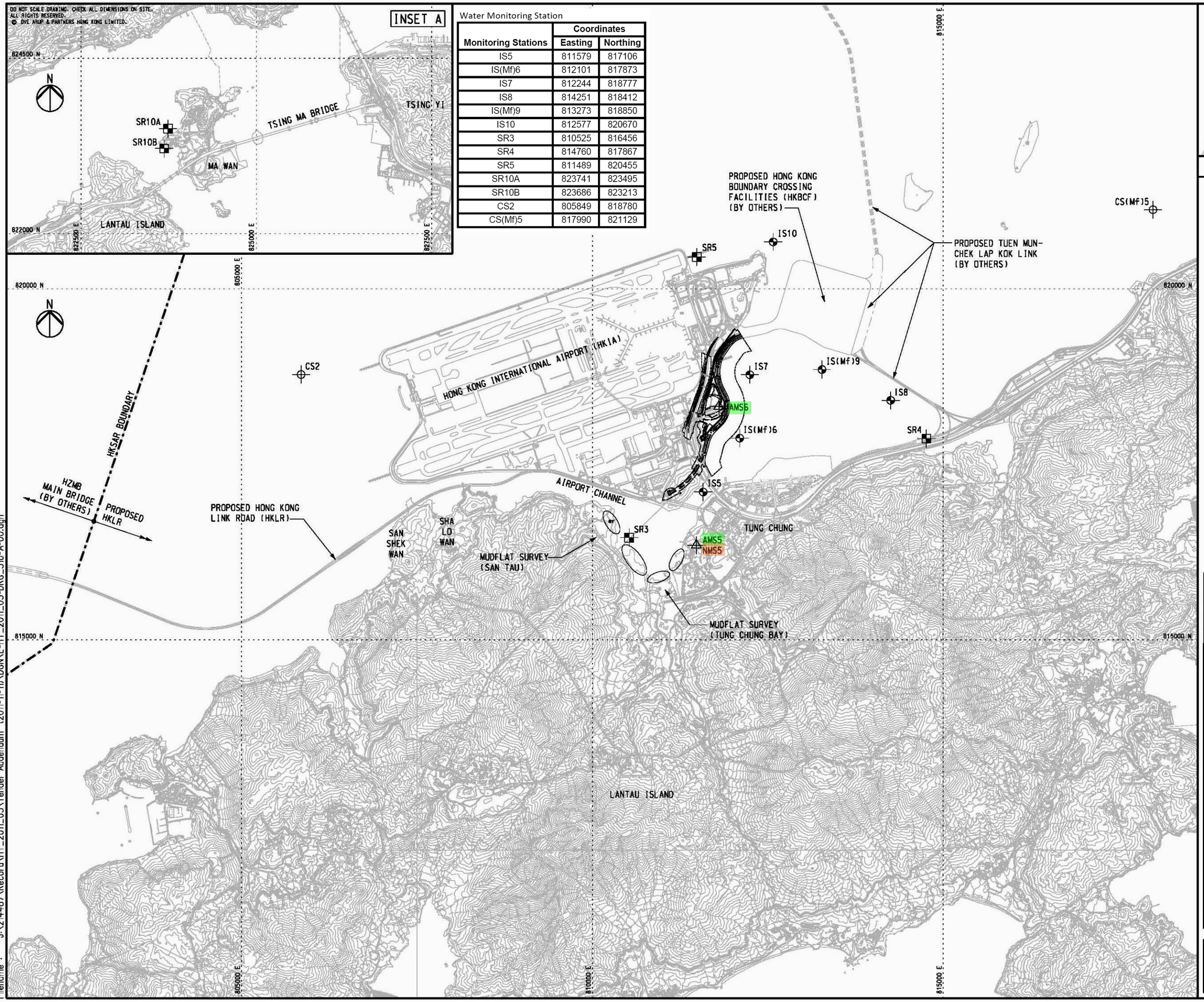
Figure 1.1 Location of the Site

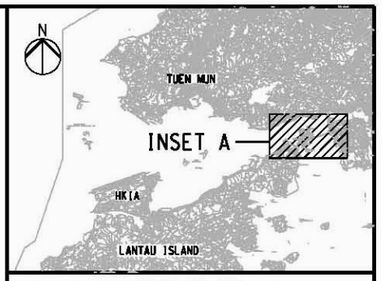
DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
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INSET A

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

Printed by : 10/11/2011
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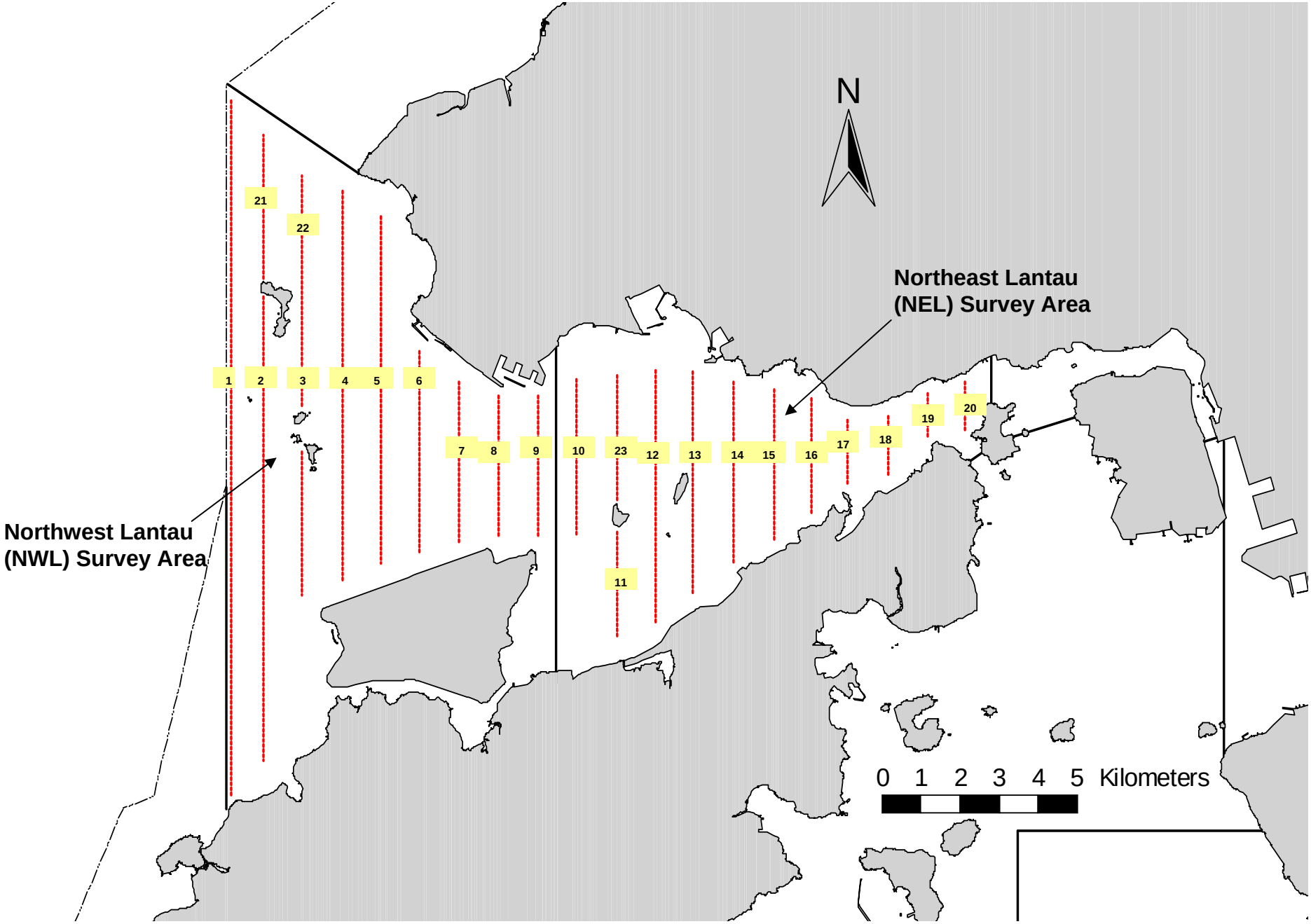


Figure 2.2 Transect Line Layout in Northwest and Northeast Lantau Survey Areas

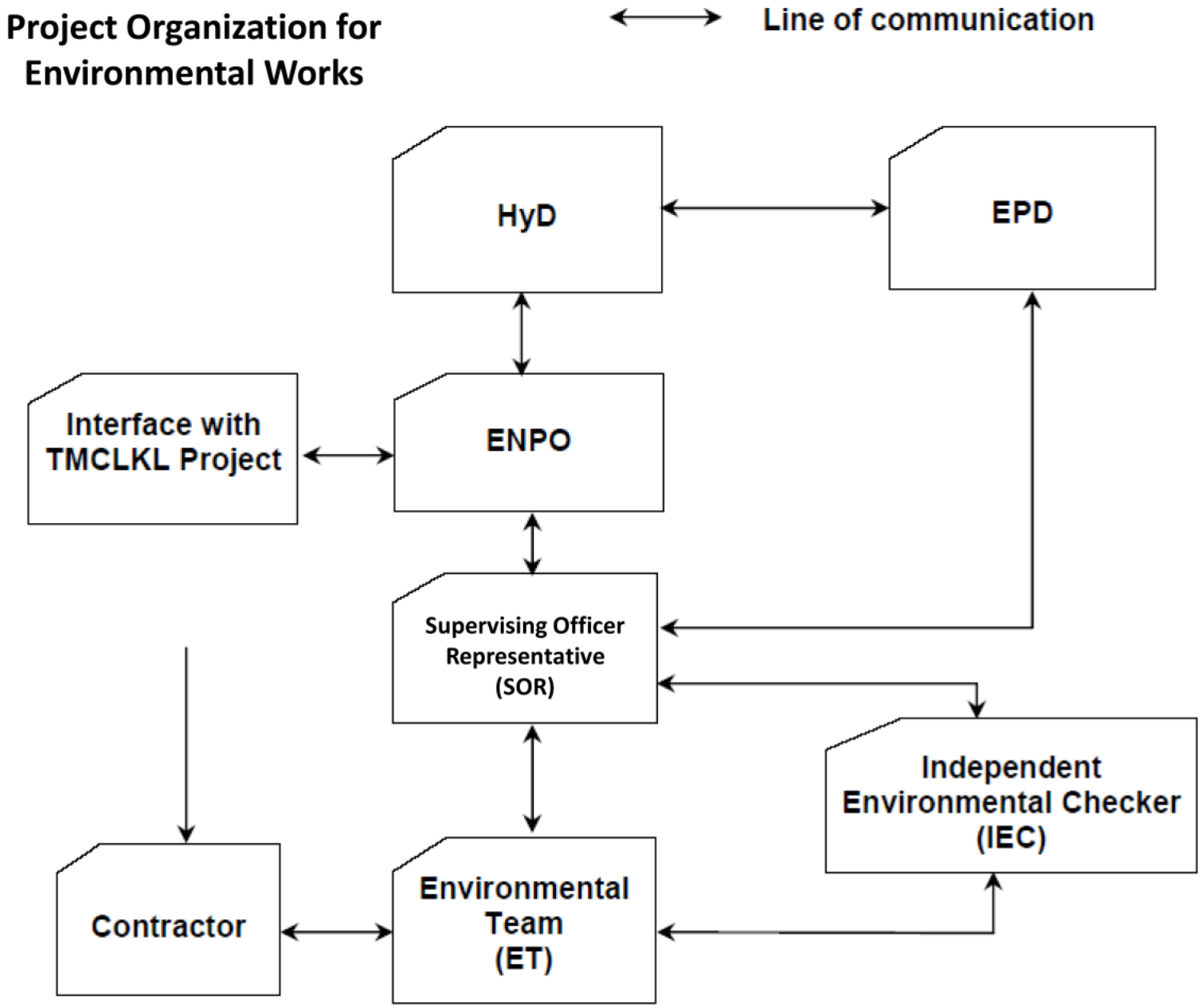
APPENDIX A

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 (Ramboll Environ Hong Kong Limited)	Environmental Project Office Leader	Y. H. Hui	3465 2888	3465 2899
	Independent Environmental Checker	Antony Wong	3465 2888	3465 2899
Contractor (China State Construction Engineering (Hong Kong) Ltd)	Project Manager	S. Y. Tse	3968 7002	2109 2588
	Environmental Officer	Federick Wong	3968 7117	2109 2588
Environmental Team (BMT Asia Pacific)	Environmental Team Leader	Claudine Lee	2241 9847	2815 3377
24 hours complaint hotline	---	---	5699 5730	---

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M40 (Rev.00)

Sheet 1 of 11

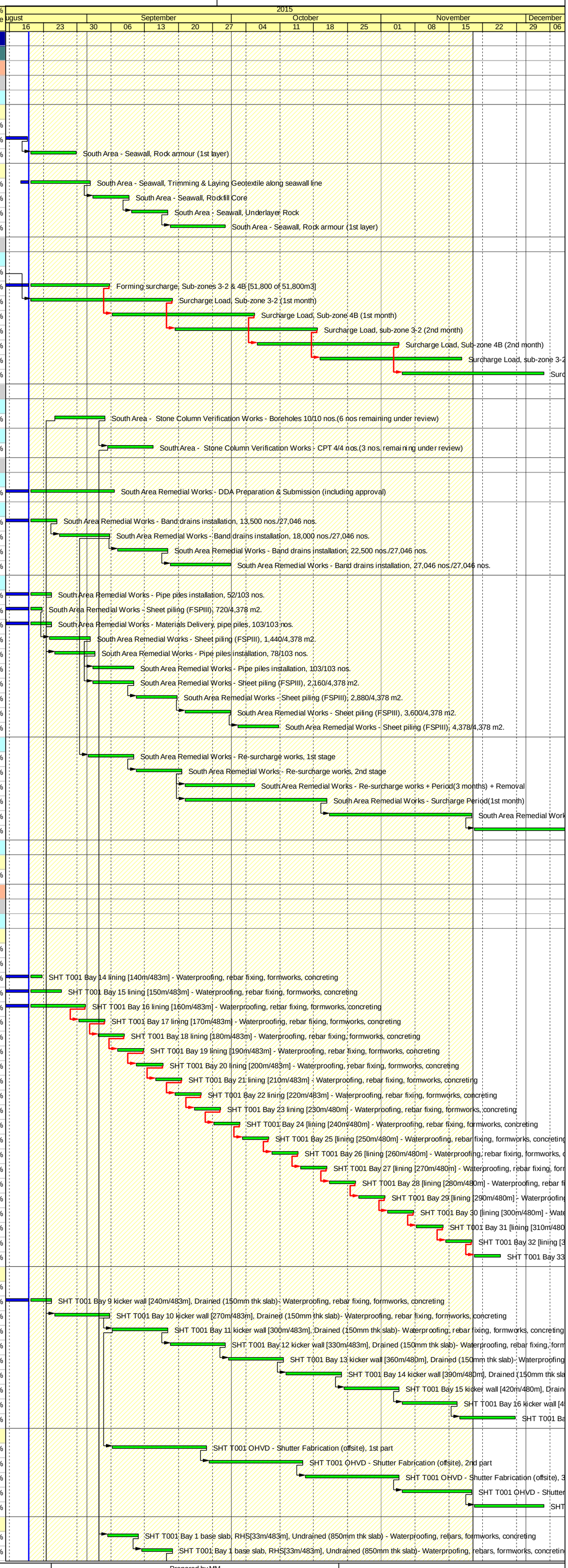
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (September 2015 to November 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+000 to SWCH 0+450					
Seawall Construction					
SWCH 0+340 to SWCH 0+470 - 130m					
SW1380	South Area - Seawall, Rockfill Core	7d	17-Jul-15 A	10-Aug-15 A	100%
SW1390	South Area - Seawall, Underlayer Rock	7d	11-Aug-15 A	19-Aug-15 A	100%
SW1440	South Area - Seawall, Rock armour (1st layer)	9d	20-Aug-15	29-Aug-15	0%
SWCH 0+270 to SWCH 0+340 - 70m					
SW1450	South Area - Seawall, Trimming & Laying Geotextile along seawall line	14d	18-Aug-15 A	01-Sep-15	10%
SW1460	South Area - Seawall, Rockfill Core	7d	02-Sep-15	09-Sep-15	0%
SW1470	South Area - Seawall, Underlayer Rock	7d	10-Sep-15	17-Sep-15	0%
SW1480	South Area - Seawall, Rock armour (1st layer)	9d	18-Sep-15	29-Sep-15	0%
Outstanding Reclamation Works - SWCH 0+600 to SWCH 0+960(South of CNAC Tower)					
Surcharge					
RSC1087-1	Forming surcharge, Sub-zones 3-2 & 4B [25,000 of 51,800m3]	9d	11-Jun-15 A	12-Aug-15 A	100%
RSC1187-2	Forming surcharge, Sub-zones 3-2 & 4B [51,800 of 51,800m3]	15d	12-Aug-15 A	05-Sep-15	93%
RSC1088	Surcharge Load, Sub-zone 3-2 (1st month)	30d	20-Aug-15 A	18-Sep-15	0%
RSC1188-1	Surcharge Load, Sub-zone 4B (1st month)	30d	06-Sep-15	05-Oct-15	0%
RSC1089	Surcharge Load, sub-zone 3-2 (2nd month)	30d	19-Sep-15	18-Oct-15	0%
RSC1188-2	Surcharge Load, Sub-zone 4B (2nd month)	30d	06-Oct-15	04-Nov-15	0%
RSC1094	Surcharge Load, sub-zone 3-2 (3rd month)	30d	19-Oct-15	17-Nov-15	0%
RSC1104	Surcharge Load, Sub-zone 4B (3rd month)	30d	05-Nov-15	04-Dec-15	0%
Boreholes & CPT - Stone Column Verification - SWCH 0+100 to SWCH 0+960					
Boreholes					
RSC2000-03	South Area - Stone Column Verification Works - Boreholes 10/10 nos.(6 nos remainir	10d	25-Aug-15*	04-Sep-15	0%
CPT					
RSC2000-05	South Area - Stone Column Verification Works - CPT 4/4 nos.(3 nos. remaining unde	8d	05-Sep-15	14-Sep-15	0%
Area 1: Outstanding Remedial Works to Seawall - SWCH 0+450 to SWCH 0+780 (300m)					
Design Review					
A1100	South Area Remedial Works - DDA Preparation & Submission (including approval)	18d	03-Feb-15 A	06-Sep-15	80%
Band Drains					
A1091	South Area Remedial Works - Band drains installation, 13,500 nos./27,046 nos.	12d	08-Aug-15 A	25-Aug-15	55%
A1101	South Area Remedial Works - Band drains installation, 18,000 nos./27,046 nos.	10d	26-Aug-15	05-Sep-15	0%
A1131	South Area Remedial Works - Band drains installation, 22,500 nos./27,046 nos.	10d	07-Sep-15	17-Sep-15	0%
A1090	South Area Remedial Works - Band drains installation, 27,046 nos./27,046 nos.	10d	18-Sep-15	30-Sep-15	0%
Pipe Piles/Sheet Piles					
A1280	South Area Remedial Works - Pipe piles installation, 52/103 nos.	8d	08-Aug-15 A	24-Aug-15	40%
A1550	South Area Remedial Works - Sheet piling (FSPIII), 720/4,378 m2.	10d	08-Aug-15 A	22-Aug-15	68%
A1240	South Area Remedial Works - Materials Delivery, pipe piles, 103/103 nos.	8d	15-Aug-15 A	24-Aug-15	16%
A1650	South Area Remedial Works - Sheet piling (FSPIII), 1,440/4,378 m2.	8d	24-Aug-15	01-Sep-15	0%
A1290	South Area Remedial Works - Pipe piles installation, 78/103 nos.	8d	25-Aug-15	02-Sep-15	0%
A1300	South Area Remedial Works - Pipe piles installation, 103/103 nos.	8d	02-Sep-15	10-Sep-15	0%
A1660	South Area Remedial Works - Sheet piling (FSPIII), 2,160/4,378 m2.	8d	02-Sep-15	10-Sep-15	0%
A1670	South Area Remedial Works - Sheet piling (FSPIII), 2,880/4,378 m2.	8d	11-Sep-15	19-Sep-15	0%
A1680	South Area Remedial Works - Sheet piling (FSPIII), 3,600/4,378 m2.	8d	21-Sep-15	30-Sep-15	0%
A1690	South Area Remedial Works - Sheet piling (FSPIII), 4,378/4,378 m2.	8d	02-Oct-15	10-Oct-15	0%
Surcharge					
A1110	South Area Remedial Works - Re-surcharge works, 1st stage	10d	01-Sep-15	10-Sep-15	0%
A1111	South Area Remedial Works - Re-surcharge works, 2nd stage	10d	11-Sep-15	20-Sep-15	0%
A1310	South Area Remedial Works - Re-surcharge works + Period(3 months) + Removal	15d	21-Sep-15	05-Oct-15	0%
A1141	South Area Remedial Works - Surcharge Period(1st month)	30d	21-Sep-15	20-Oct-15	0%
A1161	South Area Remedial Works - Surcharge Period(2nd month)	30d	21-Oct-15	19-Nov-15	0%
A1171	South Area Remedial Works - Surcharge Period(3rd month)	30d	20-Nov-15	19-Dec-15	0%
Additional VST & CPT					
VST - Vane Shear Test					
A1580	South Area Remedial Works - Vane Shear Test, 18/18 nos.	7d	16-Jul-15 A	12-Aug-15 A	100%
SHT Mined Tunnel Works at Scenic Hill					
Mined Tunnel through Scenic Hill [480m Approx.]					
To Zhuhai-Macao [4-Lane] Carriageway - T001					
T001 Lining					
SHT4610	SHT T001 Bay 12 lining [120m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	16-Jul-15 A	10-Aug-15 A	100%
SHT4620	SHT T001 Bay 13 lining [130m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	21-Jul-15 A	13-Aug-15 A	100%
SHT4630	SHT T001 Bay 14 lining [140m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	25-Jul-15 A	22-Aug-15	70%
SHT4700	SHT T001 Bay 15 lining [150m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	31-Jul-15 A	26-Aug-15	50%
SHT4710	SHT T001 Bay 16 lining [160m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	05-Aug-15 A	31-Aug-15	20%
SHT4720	SHT T001 Bay 17 lining [170m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	30-Aug-15	04-Sep-15	0%
SHT4730	SHT T001 Bay 18 lining [180m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	03-Sep-15	08-Sep-15	0%
SHT4740	SHT T001 Bay 19 lining [190m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	07-Sep-15	12-Sep-15	0%
SHT4750	SHT T001 Bay 20 lining [200m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	11-Sep-15	16-Sep-15	0%
SHT4760	SHT T001 Bay 21 lining [210m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	15-Sep-15	20-Sep-15	0%
SHT4770	SHT T001 Bay 22 lining [220m/483m] - Waterproofing, rebar fixing, formworks, concr	6d	19-Sep-15	24-Sep-15	0%
SHT4780	SHT T001 Bay 23 lining [230m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	23-Sep-15	28-Sep-15	0%
SHT4790	SHT T001 Bay 24 [lining [240m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	27-Sep-15	02-Oct-15	0%
SHT4800	SHT T001 Bay 25 [lining [250m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	03-Oct-15	08-Oct-15	0%
SHT4810	SHT T001 Bay 26 [lining [260m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	09-Oct-15	14-Oct-15	0%
SHT4820	SHT T001 Bay 27 [lining [270m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	15-Oct-15	20-Oct-15	0%
SHT4830	SHT T001 Bay 28 [lining [280m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	21-Oct-15	26-Oct-15	0%
SHT4840	SHT T001 Bay 29 [lining [290m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	27-Oct-15	01-Nov-15	0%
SHT4850	SHT T001 Bay 30 [lining [300m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	02-Nov-15	07-Nov-15	0%
SHT4860	SHT T001 Bay 31 [lining [310m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	08-Nov-15	13-Nov-15	0%
SHT4870	SHT T001 Bay 32 [lining [320m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	14-Nov-15	19-Nov-15	0%
SHT4880	SHT T001 Bay 33 [lining [330m/480m] - Waterproofing, rebar fixing, formworks, concr	6d	20-Nov-15	25-Nov-15	0%
T001 Kicker Wall					
SHT4000-10	SHT T001 Bay 8 kicker wall [210m/483m], Drained (150mm thk slab)- Waterproofing,	12d	14-May-15 A	13-Aug-15 A	100%
SHT4000-11	SHT T001 Bay 9 kicker wall [240m/483m], Drained (150mm thk slab)- Waterproofing,	12d	21-May-15 A	24-Aug-15	60%
SHT4000-12	SHT T001 Bay 10 kicker wall [270m/483m], Drained (150mm thk slab)- Waterproofing	12d	25-Aug-15	05-Sep-15	0%
SHT4000-13	SHT T001 Bay 11 kicker wall [300m/483m], Drained (150mm thk slab)- Waterproofing	12d	06-Sep-15	17-Sep-15	0%
SHT4000-14	SHT T001 Bay 12 kicker wall [330m/483m], Drained (150mm thk slab)- Waterproofing	12d	18-Sep-15	29-Sep-15	0%
SHT4000-15	SHT T001 Bay 13 kicker wall [360m/480m], Drained (150mm thk slab)- Waterproofing	12d	30-Sep-15	11-Oct-15	0%
SHT4000-16	SHT T001 Bay 14 kicker wall [390m/480m], Drained (150mm thk slab)- Waterproofing	12d	12-Oct-15	23-Oct-15	0%
SHT4000-17	SHT T001 Bay 15 kicker wall [420m/480m], Drained (150mm thk slab)- Waterproofing	12d	24-Oct-15	04-Nov-15	0%
SHT4000-18	SHT T001 Bay 16 kicker wall [450m/480m], Drained (150mm thk slab)- Waterproofing	12d	05-Nov-15	16-Nov-15	0%
SHT4000-19	SHT T001 Bay 17 kicker wall [480m/480m], Drained (150mm thk slab)- Waterproofing	12d	17-Nov-15	28-Nov-15	0%
T001 OHVD					
SHT5110-01	SHT T001 OHVD - Shutter Fabrication (offsite), 1st part	20d	06-Sep-15	25-Sep-15	0%
SHT5110-02	SHT T001 OHVD - Shutter Fabrication (offsite), 2nd part	20d	26-Sep-15	15-Oct-15	0%
SHT5110-03	SHT T001 OHVD - Shutter Fabrication (offsite), 3rd part	20d	16-Oct-15	04-Nov-15	0%
SHT5110-04	SHT T001 OHVD - Shutter Fabrication delivery on site	15d	05-Nov-15	19-Nov-15	0%
SHT5110-05	SHT T001 OHVD - Shutter assembly works	15d	20-Nov-15	04-Dec-15	0%
T001 Base Slab					
SHT4000-1	SHT T001 Bay 1 base slab, RHS[33m/483m], Undrained (850mm thk slab) - Waterprc	7d	05-Sep-15	11-Sep-15	0%
SHT4000-2	SHT T001 Bay 1 base slab, RHS[33m/483m], Undrained (850mm thk slab)- Waterpro	7d	12-Sep-15	18-Sep-15	0%



Works Programme

Works Programme

Works Programme

Milestone

Milestone

Works Programme

China State Construction Engineering (Hong Kong) Ltd -

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

, Section between Scenic Hill and HKBCF

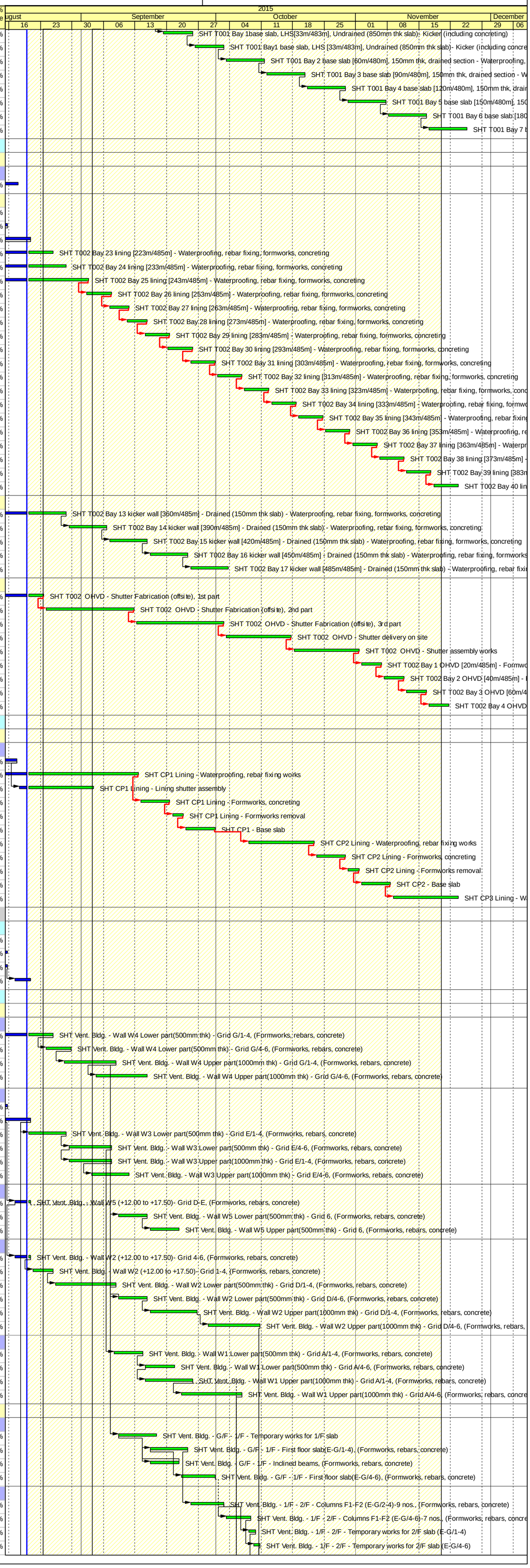
Prepared by MM

Date	Revision	Checked	Approved
03-Sep-15		WC	SYT

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

(September 2015 to November 2015)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT4000-3	SHT T001 Bay 1base slab, LHS[33m/483m], Undrained (850mm thk slab)- Kicker (inc	7d	19-Sep-15	25-Sep-15	0%
SHT4000-4	SHT T001 Bay1 base slab, LHS [33m/483m], Undrained (850mm thk slab)- Kicker (inc	7d	26-Sep-15	02-Oct-15	0%
SHT4010	SHT T001 Bay 2 base slab [60m/480m], 150mm thk, drained section - Waterproofing,	9d	03-Oct-15	11-Oct-15	0%
SHT4020	SHT T001 Bay 3 base slab [90m/480m], 150mm thk, drained section - Waterproofing,	9d	12-Oct-15	20-Oct-15	0%
SHT4030	SHT T001 Bay 4 base slab [120m/480m], 150mm thk, drained section - Waterproofin	9d	21-Oct-15	29-Oct-15	0%
SHT4040	SHT T001 Bay 5 base slab [150m/480m], 150mm thk, drained section- Waterproofing,	9d	30-Oct-15	07-Nov-15	0%
SHT4050	SHT T001 Bay 6 base slab [180m/480m], 150mm thk, drained section - Waterproofing	9d	08-Nov-15	16-Nov-15	0%
SHT4060	SHT T001 Bay 7 base slab [210m/480m] 150mm thk, drained section- Waterproofing,	9d	17-Nov-15	25-Nov-15	0%
To HKBCF [3-Lane] Carriageway - T002					
T002 Remaining Mechanical Excavation - Drill & Break					
T002 Drill & Break [24m]					
SHT6124	SHT T002 Remaining Mechanical Excavation & Arch Rib - Bottom Bench, (12 meters)	16d	28-May-15 A	18-Aug-15 A	100%
T002 Lining					
SHT7230	SHT T002 Bay 20 lining [193m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	18-Jul-15 A	12-Aug-15 A	100%
SHT7240	SHT T002 Bay 21 lining [203m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	22-Jul-15 A	15-Aug-15 A	100%
SHT7250	SHT T002 Bay 22 lining [213m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	28-Jul-15 A	20-Aug-15 A	100%
SHT7260	SHT T002 Bay 23 lining [223m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	04-Aug-15 A	25-Aug-15	65%
SHT7270	SHT T002 Bay 24 lining [233m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	08-Aug-15 A	28-Aug-15	40%
SHT7280	SHT T002 Bay 25 lining [243m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	12-Aug-15 A	02-Sep-15	20%
SHT7290	SHT T002 Bay 26 lining [253m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	02-Sep-15	07-Sep-15	0%
SHT7300	SHT T002 Bay 27 lining [263m/485m] - Waterproofing, rebar fixing, formworks, concr	5d	07-Sep-15	11-Sep-15	0%
SHT7310	SHT T002 Bay 28 lining [273m/485m] - Waterproofing, rebar fixing, formworks, concr	5d	11-Sep-15	15-Sep-15	0%
SHT7320	SHT T002 Bay 29 lining [283m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	15-Sep-15	20-Sep-15	0%
SHT7330	SHT T002 Bay 30 lining [293m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	20-Sep-15	25-Sep-15	0%
SHT7340	SHT T002 Bay 31 lining [303m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	25-Sep-15	30-Sep-15	0%
SHT7350	SHT T002 Bay 32 lining [313m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	01-Oct-15	06-Oct-15	0%
SHT7360	SHT T002 Bay 33 lining [323m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	07-Oct-15	12-Oct-15	0%
SHT7370	SHT T002 Bay 34 lining [333m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	13-Oct-15	18-Oct-15	0%
SHT7380	SHT T002 Bay 35 lining [343m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	19-Oct-15	24-Oct-15	0%
SHT7390	SHT T002 Bay 36 lining [353m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	25-Oct-15	30-Oct-15	0%
SHT7400	SHT T002 Bay 37 lining [363m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	31-Oct-15	05-Nov-15	0%
SHT7410	SHT T002 Bay 38 lining [373m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	06-Nov-15	11-Nov-15	0%
SHT7420	SHT T002 Bay 39 lining [383m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	12-Nov-15	17-Nov-15	0%
SHT7430	SHT T002 Bay 40 lining [393m/485m] - Waterproofing, rebar fixing, formworks, concr	6d	18-Nov-15	23-Nov-15	0%
T002 Kicker Wall					
SHT6500-19	SHT T002 Bay 13 kicker wall [360m/485m] - Drained (150mm thk slab) - Waterproofin	9d	27-Jun-15 A	28-Aug-15	10%
SHT6500-20	SHT T002 Bay 14 kicker wall [390m/485m] - Drained (150mm thk slab) - Waterproofin	9d	29-Aug-15	06-Sep-15	0%
SHT6500-21	SHT T002 Bay 15 kicker wall [420m/485m] - Drained (150mm thk slab) - Waterproofin	9d	07-Sep-15	15-Sep-15	0%
SHT6500-22	SHT T002 Bay 16 kicker wall [450m/485m] - Drained (150mm thk slab) - Waterproofin	9d	16-Sep-15	24-Sep-15	0%
SHT6500-23	SHT T002 Bay 17 kicker wall [485m/485m] - Drained (150mm thk slab) - Waterproofin	9d	25-Sep-15	03-Oct-15	0%
T002 OHVD					
SHT7510-01	SHT T002 OHVD - Shutter Fabrication (offsite), 1st part	20d	01-Aug-15 A	23-Aug-15	80%
SHT7510-02	SHT T002 OHVD - Shutter Fabrication (offsite), 2nd part	20d	24-Aug-15	12-Sep-15	0%
SHT7510-03	SHT T002 OHVD - Shutter Fabrication (offsite), 3rd part	20d	13-Sep-15	02-Oct-15	0%
SHT7510-04	SHT T002 OHVD - Shutter delivery on site	15d	03-Oct-15	17-Oct-15	0%
SHT7510-05	SHT T002 OHVD - Shutter assembly works	15d	18-Oct-15	01-Nov-15	0%
SHT7510-1	SHT T002 Bay 1 OHVD [20m/485m] - Formworks, rebar fixing, concreting	5d	02-Nov-15	06-Nov-15	0%
SHT7510-2	SHT T002 Bay 2 OHVD [40m/485m] - Formworks, rebar fixing, concreting	5d	07-Nov-15	11-Nov-15	0%
SHT7510-3	SHT T002 Bay 3 OHVD [60m/485m] - Formworks, rebar fixing, concreting	5d	12-Nov-15	16-Nov-15	0%
SHT7510-4	SHT T002 Bay 4 OHVD [80m/485m] - Formworks, rebar fixing, concreting	5d	17-Nov-15	21-Nov-15	0%
Cross Passages					
Civil & Structural and E&M Works					
Cross Passage At Mined Tunnel - 5 nos.					
SHT9060-1	SHT CP1 Lining - Lining shutter fabrication	15d	01-Aug-15 A	17-Aug-15 A	100%
SHT9060-2	SHT CP1 Lining - Waterproofing, rebar fixing works	15d	15-Aug-15 A	13-Sep-15	20%
SHT9060-11	SHT CP1 Lining - Lining shutter assembly	15d	18-Aug-15 A	03-Sep-15	25%
SHT9060-3	SHT CP1 Lining - Formworks, concreting	7d	14-Sep-15	20-Sep-15	0%
SHT9060-4	SHT CP1 Lining - Formworks removal	3d	21-Sep-15	23-Sep-15	0%
SHT9060-5	SHT CP1 - Base slab	7d	24-Sep-15	30-Sep-15	0%
SHT9060-6	SHT CP2 Lining - Waterproofing, rebar fixing works	15d	08-Oct-15	22-Oct-15	0%
SHT9060-7	SHT CP2 Lining - Formworks, concreting	7d	23-Oct-15	29-Oct-15	0%
SHT9060-8	SHT CP2 Lining - Formworks removal	3d	30-Oct-15	01-Nov-15	0%
SHT9060-9	SHT CP2 - Base slab	7d	02-Nov-15	08-Nov-15	0%
SHT9060-10	SHT CP3 Lining - Waterproofing, rebar fixing works	15d	09-Nov-15	23-Nov-15	0%
Ventilation Building					
Footing/Excavation Works -T001					
SHT8240	SHT Vent. Bldg. - Footing Excavation (T001 area), 2nd half, between Grids A-D/4-6	18d	26-May-15 A	12-Aug-15 A	100%
SHT8093	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 1st half	15d	07-Jun-15 A	15-Aug-15 A	100%
SHT8053	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 2nd half	12d	27-Jun-15 A	15-Aug-15 A	100%
SHT8083	SHT Vent. Bldg. - Backfilling works (T001 area)	3d	17-Aug-15 A	20-Aug-15 A	100%
RC Works					
RC Walls					
Wall W4 - Grid Line G					
SHT8063	SHT Vent. Bldg. - Wall W4 Lower part(500mm thk) - Grid G/1-4, (Formworks, rebars,	15d	03-Aug-15 A	25-Aug-15	66.67%
SHT8064	SHT Vent. Bldg. - Wall W4 Lower part(500mm thk) - Grid G/4-6, (Formworks, rebars,	6d	24-Aug-15	29-Aug-15	0%
SHT8065	SHT Vent. Bldg. - Wall W4 Upper part(1000mm thk) - Grid G/1-4, (Formworks, rebars	10d	28-Aug-15	08-Sep-15	0%
SHT8066	SHT Vent. Bldg. - Wall W4 Upper part(1000mm thk) - Grid G/4-6, (Formworks, rebars, concrete)	10d	04-Sep-15	15-Sep-15	0%
Wall W3 - Grid Line E					
SHT8350	SHT Vent. Bldg. - Wall W3 (+12.00 to +13.75) - Grid G/1-6, (Formworks, rebars, conc	8d	01-Aug-15 A	15-Aug-15 A	100%
SHT8360	SHT Vent. Bldg. - Wall W3 (+13.75 to +17.50) - Grid G/1-6, (Formworks, rebars, conc	3d	15-Aug-15 A	20-Aug-15 A	100%
SHT8040	SHT Vent. Bldg. - Wall W3 Lower part(500mm thk) - Grid E/1-4, (Formworks, rebars,	8d	20-Aug-15	28-Aug-15	0%
SHT8190	SHT Vent. Bldg. - Wall W3 Lower part(500mm thk) - Grid E/4-6, (Formworks, rebars,	8d	29-Aug-15	07-Sep-15	0%
SHT8200	SHT Vent. Bldg. - Wall W3 Upper part(1000mm thk) - Grid E/1-4, (Formworks, rebars	8d	29-Aug-15	07-Sep-15	0%
SHT8220	SHT Vent. Bldg. - Wall W3 Upper part(1000mm thk) - Grid E/4-6, (Formworks, rebars	8d	03-Sep-15	11-Sep-15	0%
Wall W5 - Grid Line 6					
SHT8123	SHT Vent. Bldg. - Wall W5 (+12.00 to +17.50)- Grid D-E, (Formworks, rebars, concre	6d	17-Aug-15 A	20-Aug-15	90%
SHT8073	SHT Vent. Bldg. - Wall W5 Lower part(500mm thk) - Grid 6, (Formworks, rebars, conc	6d	09-Sep-15	15-Sep-15	0%
SHT8103	SHT Vent. Bldg. - Wall W5 Upper part(500mm thk) - Grid 6, (Formworks, rebars, conc	6d	16-Sep-15	22-Sep-15	0%
Wall W2 - Grid Line D					
SHT8370	SHT Vent. Bldg. - Wall W2 (+12.00 to +17.50)- Grid 4-6, (Formworks, rebars, concret	6d	17-Aug-15 A	20-Aug-15	90%
SHT8380	SHT Vent. Bldg. - Wall W2 (+12.00 to +17.50)- Grid 1-4, (Formworks, rebars, concret	4d	21-Aug-15	25-Aug-15	0%
SHT8050	SHT Vent. Bldg. - Wall W2 Lower part(500mm thk) - Grid D/1-4, (Formworks, rebars,	12d	26-Aug-15	08-Sep-15	0%
SHT8250	SHT Vent. Bldg. - Wall W2 Lower part(500mm thk) - Grid D/4-6, (Formworks, rebars,	6d	09-Sep-15	15-Sep-15	0%
SHT8260	SHT Vent. Bldg. - Wall W2 Upper part(1000mm thk) - Grid D/1-4, (Formworks, rebars	10d	16-Sep-15	26-Sep-15	0%
SHT8270	SHT Vent. Bldg. - Wall W2 Upper part(1000mm thk) - Grid D/4-6, (Formworks, rebars	10d	29-Sep-15	10-Oct-15	0%
Wall W1 - Grid Line A					
SHT8052	SHT Vent. Bldg. - Wall W1 Lower part(500mm thk) - Grid A/1-4, (Formworks, rebars,	6d	08-Sep-15	14-Sep-15	0%
SHT8082	SHT Vent. Bldg. - Wall W1 Lower part(500mm thk) - Grid A/4-6, (Formworks, rebars,	6d	15-Sep-15	21-Sep-15	0%
SHT8092	SHT Vent. Bldg. - Wall W1 Upper part(1000mm thk) - Grid A/1-4, (Formworks, rebars	10d	15-Sep-15	25-Sep-15	0%
SHT8102	SHT Vent. Bldg. - Wall W1 Upper part(1000mm thk) - Grid A/4-6, (Formworks, rebars	10d	23-Sep-15	06-Oct-15	0%
T002 - Area between E-G/1-6					
Ground Floor - 1st Floor					
SHT8051	SHT Vent. Bldg. - G/F - 1/F - Temporary works for 1/F slab	8d	09-Sep-15	17-Sep-15	0%
SHT8081	SHT Vent. Bldg. - G/F - 1/F - First floor slab(E-G/1-4), (Formworks, rebars, concrete)	8d	16-Sep-15	24-Sep-15	0%
SHT8071	SHT Vent. Bldg. - G/F - 1/F - Inclined beams, (Formworks, rebars, concrete)	6d	16-Sep-15	22-Sep-15	0%
SHT8101	SHT Vent. Bldg. - G/F - 1/F - First floor slab(E-G/4-6), (Formworks, rebars, concrete)	6d	23-Sep-15	30-Sep-15	0%
1st Floor - 2nd Floor					
SHT8060	SHT Vent. Bldg. - 1/F - 2/F - Columns F1-F2 (E-G/2-4)-9 nos., (Formworks, rebars, c	5d	25-Sep-15	02-Oct-15	0%
SHT8280	SHT Vent. Bldg. - 1/F - 2/F - Columns F1-F2 (E-G/4-6)-7 nos., (Formworks, rebars, c	5d	03-Oct-15	08-Oct-15	0%
SHT8290	SHT Vent. Bldg. - 1/F - 2/F - Temporary works for 2/F slab (E-G/1-4)	2d	08-Oct-15	09-Oct-15	0%
SHT8300	SHT Vent. Bldg. - 1/F - 2/F - Temporary works for 2/F slab (E-G/4-6)	2d	09-Oct-15	10-Oct-15	0%



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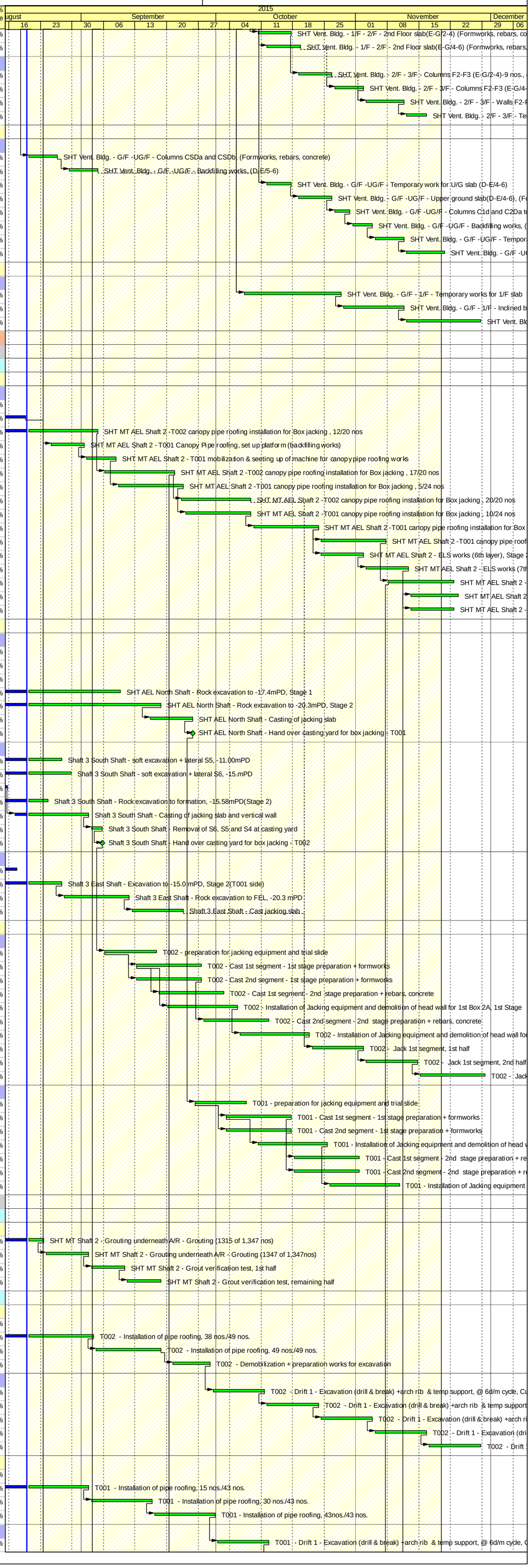
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT8310	SHT Vent. Bldg. - 1/F - 2/F - 2nd Floor slab(E-G/2-4) (Formworks, rebars, concrete)	7d	10-Oct-15	17-Oct-15	0%
SHT8320	SHT Vent. Bldg. - 1/F - 2/F - 2nd Floor slab(E-G/4-6) (Formworks, rebars, concrete)	7d	12-Oct-15	19-Oct-15	0%
2nd Floor - 3rd Floor					
SHT8062	SHT Vent. Bldg. - 2/F - 3/F - Columns F2-F3 (E-G/2-4)-9 nos., (Formworks, rebars, c	6d	19-Oct-15	26-Oct-15	0%
SHT8112	SHT Vent. Bldg. - 2/F - 3/F - Columns F2-F3 (E-G/4-6)-7 nos., (Formworks, rebars, c	6d	27-Oct-15	02-Nov-15	0%
SHT8340	SHT Vent. Bldg. - 2/F - 3/F - Walls F2-F3, (Formworks, rebars, concrete)	8d	03-Nov-15	11-Nov-15	0%
SHT8122	SHT Vent. Bldg. - 2/F - 3/F - Temporary works for 3/F slab	4d	12-Nov-15	16-Nov-15	0%
Area between D-E/1-6					
Ground Floor - Upper Ground Floor					
SHT8162	SHT Vent. Bldg. - G/F -UG/F - Columns CSDa and CSDb, (Formworks, rebars, concr	6d	20-Aug-15	26-Aug-15	0%
SHT8182	SHT Vent. Bldg. - G/F -UG/F - Backfilling works, (D-E/5-6)	6d	29-Aug-15	04-Sep-15	0%
SHT8192	SHT Vent. Bldg. - G/F -UG/F - Temporary work for U/G slab (D-E/4-6)	6d	12-Oct-15	17-Oct-15	0%
SHT8202	SHT Vent. Bldg. - G/F -UG/F - Upper ground slab(D-E/4-6), (Formworks, rebars, conc	6d	19-Oct-15	26-Oct-15	0%
SHT8222	SHT Vent. Bldg. - G/F -UG/F - Columns C1d and C2Da to UG/F, (Formworks, rebars,	4d	27-Oct-15	30-Oct-15	0%
SHT8232	SHT Vent. Bldg. - G/F -UG/F - Backfilling works, (D-E/1-4)	4d	31-Oct-15	04-Nov-15	0%
SHT8242	SHT Vent. Bldg. - G/F -UG/F - Temporary work for U/G slab (D-E/1-4)	6d	05-Nov-15	11-Nov-15	0%
SHT8252	SHT Vent. Bldg. - G/F -UG/F - Upper ground slab(D-E/1-4), (Formworks, rebars, conc	8d	12-Nov-15	20-Nov-15	0%
T001 - Area between A-D/1-6					
Ground Floor - 1st Floor					
SHT8152	SHT Vent. Bldg. - G/F - 1/F - Temporary works for 1/F slab	18d	07-Oct-15	28-Oct-15	0%
SHT8172	SHT Vent. Bldg. - G/F - 1/F - Inclined beams, (Formworks, rebars, concrete)	12d	29-Oct-15	11-Nov-15	0%
SHT8212	SHT Vent. Bldg. - G/F - 1/F - First floor slab(A-D/1-4), (Formworks, rebars, concrete)	15d	12-Nov-15	28-Nov-15	0%
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)					
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Civil & Structural Works					
SHT MT - ELS Works for AEL West Shaft (Shaft 2)					
ELS/Pipe Roofing for Box Jacking works under AEL					
SHT1823-35	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 7/20 nos	16d	23-Jun-15 A	11-Aug-15 A	100%
SHT1823-18	SHT MT AEL Shaft 2 - Excavation works to -16.0mPD(T001 side)	10d	25-Jul-15 A	19-Aug-15 A	100%
SHT1823-36	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 12/20 no:	16d	10-Aug-15 A	04-Sep-15	30%
SHT1770.00	SHT MT AEL Shaft 2 - T001 Canopy Pipe roofing, set up platform (backfilling works)	8d	25-Aug-15	01-Sep-15	0%
SHT1770.10	SHT MT AEL Shaft 2 - T001 mobilization & seeting up of machine for canopy pipe roo	7d	02-Sep-15	08-Sep-15	0%
SHT1823-37	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 17/20 no:	16d	06-Sep-15	21-Sep-15	0%
SHT1770-01	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 5/24 nos	15d	09-Sep-15	23-Sep-15	0%
SHT1823-38	SHT MT AEL Shaft 2 -T002 canopy pipe roofing installation for Box jacking , 20/20 no:	16d	23-Sep-15	08-Oct-15	0%
SHT1770-02	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 10/24 no:	15d	24-Sep-15	08-Oct-15	0%
SHT1770-03	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 15/24 no:	15d	09-Oct-15	23-Oct-15	0%
SHT1770-04	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 20/24 no:	15d	24-Oct-15	07-Nov-15	0%
SHT1823-26	SHT MT AEL Shaft 2 - ELS works (6th layer), Stage 2, -13.0mPD	10d	24-Oct-15	02-Nov-15	0%
SHT1823-74	SHT MT AEL Shaft 2 - ELS works (7th layer), Stage 2, -16.0mPD	10d	03-Nov-15	12-Nov-15	0%
SHT1770-05	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 24/24 no:	15d	08-Nov-15	22-Nov-15	0%
SHT1844-5	SHT MT AEL Shaft 2 - ELS works (4th layer), Stage 1, -7.0mPD	11d	13-Nov-15	23-Nov-15	0%
SHT1823-84	SHT MT AEL Shaft 2 - Excavation to final elevation, Stage 2, -19.5mPD	10d	13-Nov-15	22-Nov-15	0%
SHT MT - ELS WORKS for AEL East Shaft (Shaft 3+Shaft 3A[North Shaft & South Shaft])					
North Shaft (including part of East Shaft)					
A11480-1	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim e	18d	05-Feb-15 A	12-Aug-15 A	100%
A11480-2	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim e	18d	07-Feb-15 A	12-Aug-15 A	100%
A12200-12	SHT AEL North Shaft - Rock excavation to -14mPD, Stage 2	12d	23-May-15 A	13-Aug-15 A	100%
A12210-1	SHT AEL North Shaft - Rock excavation to -17.4mPD, Stage 1	15d	25-Jul-15 A	09-Sep-15	35%
A12210-2	SHT AEL North Shaft - Rock excavation to -20.3mPD, Stage 2	15d	14-Aug-15 A	18-Sep-15	15%
A12210-3	SHT AEL North Shaft - Casting of jacking slab	10d	16-Sep-15	25-Sep-15	0%
A12210-4	SHT AEL North Shaft - Hand over casting yard for box jacking - T001	0d		25-Sep-15	0%
South Shaft (including part of East Shaft)					
A12070-6	Shaft 3 South Shaft - soft excavation + lateral S5, -11.00mPD	10d	16-Jun-15 A	27-Aug-15	70%
A12070-9	Shaft 3 South Shaft - soft excavation + lateral S6, -15.mPD	10d	02-Jul-15 A	29-Aug-15	50%
A12070-10	Shaft 3 South Shaft - Rock excavation to formation, -18.67mPD(Stage 1)	12d	11-Jul-15 A	15-Aug-15 A	100%
A12070-50	Shaft 3 South Shaft - Rock excavation to formation, -15.58mPD(Stage 2)	12d	11-Jul-15 A	24-Aug-15	90%
A12070-20	Shaft 3 South Shaft - Casting of jacking slab and vertical wall	14d	17-Aug-15 A	02-Sep-15	0%
A12070-30	Shaft 3 South Shaft - Removal of S6, S5 and S4 at casting yard	3d	03-Sep-15	05-Sep-15	0%
A12070-40	Shaft 3 South Shaft - Hand over casting yard for box jacking - T002	0d		05-Sep-15	0%
East Shaft - ELS for Box jacking Works under AEL(24H working hours)					
SHT1765-8	Shaft 3 East Shaft - Rock excavation to FEL, -18.67 mPD(T002 side)	15d	30-Jul-15 A	17-Aug-15 A	100%
SHT1765-7	Shaft 3 East Shaft - Excavation to -15.0 mPD, Stage 2(T001 side)	15d	04-Aug-15 A	27-Aug-15	50%
SHT1765-9	Shaft 3 East Shaft - Rock excavation to FEL, -20.3 mPD	15d	28-Aug-15	11-Sep-15	0%
SHT1770.01	Shaft 3 East Shaft - Cast jacking slab	12d	12-Sep-15	23-Sep-15	0%
SHT Works under AEL(BOX JACKING) - By Double Jack - 7days 24 hrs					
Box Casting/Jacking - T002 (24 hours working period)					
BXJ-15360	T002 - preparation for jacking equipment and trial slide	12d	06-Sep-15	17-Sep-15	0%
BXJ-15370	T002 - Cast 1st segment - 1st stage preparation + formworks	15d	13-Sep-15	27-Sep-15	0%
BXJ-15380	T002 - Cast 2nd segment - 1st stage preparation + formworks	15d	13-Sep-15	27-Sep-15	0%
BXJ-15371	T002 - Cast 1st segment - 2nd stage preparation + rebars, concrete	15d	18-Sep-15	02-Oct-15	0%
BXJ-15385	T002 - Installation of Jacking equipment and demolition of head wall for 1st Box 2A, 1s	16d	20-Sep-15	05-Oct-15	0%
BXJ-15381	T002 - Cast 2nd segment - 2nd stage preparation + rebars, concrete	15d	28-Sep-15	12-Oct-15	0%
BXJ-15386	T002 - Installation of Jacking equipment and demolition of head wall for 1st Box 2A, 1s	16d	06-Oct-15	21-Oct-15	0%
BXJ-15396	T002 - Jack 1st segment, 1st half	12d	22-Oct-15	02-Nov-15	0%
BXJ-15406	T002 - Jack 1st segment, 2nd half	12d	03-Nov-15	14-Nov-15	0%
BXJ-15390	T002 - Jack 2nd segment, 1st half	15d	15-Nov-15	29-Nov-15	0%
Box Casting/Jacking - T001 (24 hours working period)					
BXJ-1010	T001 - preparation for jacking equipment and trial slide	12d	26-Sep-15	07-Oct-15	0%
BXJ-1020	T001 - Cast 1st segment - 1st stage preparation + formworks	15d	03-Oct-15	17-Oct-15	0%
BXJ-1040	T001 - Cast 2nd segment - 1st stage preparation + formworks	15d	03-Oct-15	17-Oct-15	0%
BXJ-1055	T001 - Installation of Jacking equipment and demolition of head wall for 1st Box 1A, 1s	16d	10-Oct-15	25-Oct-15	0%
BXJ-1030	T001 - Cast 1st segment - 2nd stage preparation + rebars, concrete	15d	18-Oct-15	01-Nov-15	0%
BXJ-1050	T001 - Cast 2nd segment - 2nd stage preparation + rebars, concrete	15d	18-Oct-15	01-Nov-15	0%
BXJ-1056	T001 - Installation of Jacking equipment and demolition of head wall for 1st Box 1A, 1s	16d	26-Oct-15	10-Nov-15	0%
Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2(by Drill & Break)					
Grouting Underneath Airport Road (between Shaft 1 & 2)					
Shaft 2(AEL West Access Shaft)					
SHT2220-18	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (1315 of 1,347 nos)	12d	07-Aug-15 A	23-Aug-15	70%
SHT2220-28	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (1347 of 1,347nos)	10d	24-Aug-15	02-Sep-15	0%
SHT2220-19	SHT MT Shaft 2 - Grout verification test, 1st half	8d	03-Sep-15	10-Sep-15	0%
SHT2220-20	SHT MT Shaft 2 - Grout verification test, remaining half	8d	11-Sep-15	18-Sep-15	0%
Mined Tunnel Works - Drive from Shaft 1(by Drill & Break)					
T002 (from Shaft 1) - 38m					
SHT2120-38	T002 - Installation of pipe roofing, 19 nos./49 nos.	13d	20-Jul-15 A	10-Aug-15 A	100%
SHT2120-39	T002 - Installation of pipe roofing, 38 nos./49 nos.	15d	11-Aug-15 A	03-Sep-15	63%
SHT2120-40	T002 - Installation of pipe roofing, 49 nos./49 nos.	15d	04-Sep-15	18-Sep-15	0%
SHT2120-110	T002 - Demobilization + preparation works for excavation	6d	21-Sep-15	29-Sep-15	0%
T002 - Drift 1					
SHT2120-50	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	30-Sep-15	11-Oct-15	0%
SHT2120-52	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	12-Oct-15	23-Oct-15	0%
SHT2120-54	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	24-Oct-15	04-Nov-15	0%
SHT2120-56	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	05-Nov-15	16-Nov-15	0%
SHT2120-58	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	17-Nov-15	28-Nov-15	0%
T001 (from Shaft 1) -38m					
SHT2121-37	T001 - Mobilization of plants for pipe roofing installation works	7d	01-Aug-15 A	12-Aug-15 A	100%
SHT2121-38	T001 - Installation of pipe roofing, 15 nos./43 nos.	14d	15-Aug-15 A	02-Sep-15	5%
SHT2121-39	T001 - Installation of pipe roofing, 30 nos./43 nos.	14d	03-Sep-15	16-Sep-15	0%
SHT2121-40	T001 - Installation of pipe roofing, 43nos./43 nos.	14d	17-Sep-15	30-Sep-15	0%
T001 - Drift 1					
SHT2121-50	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	01-Oct-15	12-Oct-15	0%



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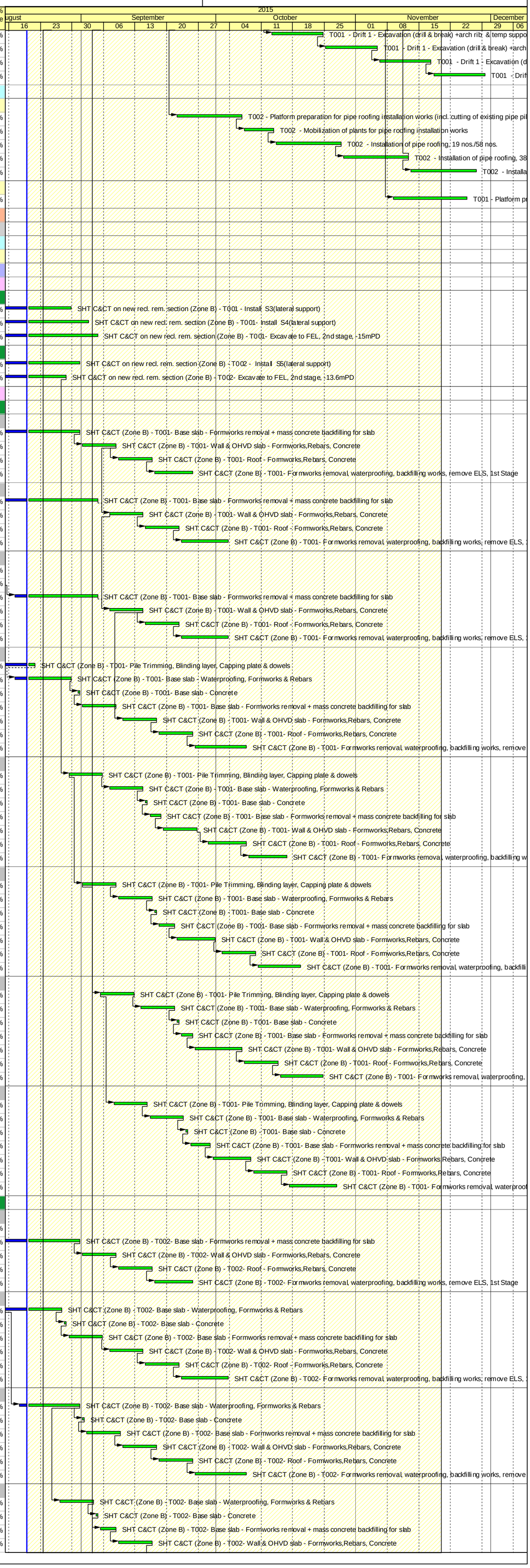
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT2121-52	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	13-Oct-15	24-Oct-15	0%
SHT2121-54	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	25-Oct-15	05-Nov-15	0%
SHT2121-56	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	06-Nov-15	17-Nov-15	0%
SHT2121-58	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 6d/m cycle, Cu	12d	18-Nov-15	29-Nov-15	0%
Mined Tunnel Works - Drive from Shaft 2 (by Drill & Break)					
T002 (from Shaft 2) - 18m					
SHT2122-35	T002 - Platform preparation for pipe roofing installation works (incl. cutting of existing	15d	22-Sep-15	06-Oct-15	0%
SHT2122-36	T002 - Mobilization of plants for pipe roofing installation works	7d	07-Oct-15	13-Oct-15	0%
SHT2122-37	T002 - Installation of pipe roofing, 19 nos./58 nos.	15d	14-Oct-15	28-Oct-15	0%
SHT2122-38	T002 - Installation of pipe roofing, 38 nos./58 nos.	15d	29-Oct-15	12-Nov-15	0%
SHT2122-39	T002 - Installation of pipe roofing, 58 nos./58 nos.	15d	13-Nov-15	27-Nov-15	0%
T001 (from Shaft 2) - 24m					
SHT2123-35	T001 - Platform preparation for pipe roofing installation works (incl. cutting of existing	15d	09-Nov-15	25-Nov-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					
ELS - Tunnel SHT- Zone B -C&CT (T1.9.1 + Ext. Ch14+315 to Ch14+452/(Ch14+322to Ch14+474)					
Excavation & Lateral Support(T1.9.1+Extension)					
T001(T1.9.1)					
SHT1860-6	SHT C&CT on new recl. rem. section (Zone B) - T001 - Install S3(lateral support)	14d	09-Feb-15 A	29-Aug-15	60%
SHT1860-8	SHT C&CT on new recl. rem. section (Zone B) - T001- Install S4(lateral support)	14d	28-Mar-15 A	02-Sep-15	35%
SHT1860-10	SHT C&CT on new recl. rem. section (Zone B) - T001- Excavate to FEL, 2nd stage, -1	14d	11-Jul-15 A	04-Sep-15	60%
T002(T1.9.1)					
SHT1861-10	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S5(lateral support)	14d	15-May-15 A	31-Aug-15	80%
SHT1861-12	SHT C&CT on new recl. rem. section (Zone B) - T002- Excavate to FEL, 2nd stage, -1	14d	29-May-15 A	28-Aug-15	95%
CCT RC Works(T1.9.1+Extension)					
T001(1.9.1)					
Bay 1 (Ch 14+400 - Ch 14+420, L=20m)					
SHT1867-15	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	7d	14-Jul-15 A	31-Aug-15	45%
SHT1867-20	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	01-Sep-15	08-Sep-15	0%
SHT1867-25	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	09-Sep-15	16-Sep-15	0%
SHT1867-30	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	17-Sep-15	25-Sep-15	0%
Bay 2 (Ch 14+420 - Ch 14+438, L=18m)					
SHT1867-50	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	7d	03-Aug-15 A	04-Sep-15	30%
SHT1867-55	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	07-Sep-15	14-Sep-15	0%
SHT1867-60	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	15-Sep-15	22-Sep-15	0%
SHT1867-65	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	23-Sep-15	03-Oct-15	0%
Bay 3 (Ch 14+438 - Ch 14+452, L=14m)					
SHT1867-75	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	9d	15-Jul-15 A	13-Aug-15 A	100%
SHT1867-80	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	14-Aug-15 A	14-Aug-15 A	100%
SHT1867-85	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	7d	17-Aug-15 A	04-Sep-15	30%
SHT1867-90	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	07-Sep-15	14-Sep-15	0%
SHT1867-95	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	15-Sep-15	22-Sep-15	0%
SHT1867-100	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	23-Sep-15	03-Oct-15	0%
Bay 4 (Ch 14+380 - Ch 14+400, L=20m)					
SHT1867-105	SHT C&CT (Zone B) - T001- Pile Trimming, Blinding layer, Capping plate & dowels	14d	06-Aug-15 A	21-Aug-15	90%
SHT1867-110	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	9d	17-Aug-15 A	29-Aug-15	50%
SHT1867-115	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	31-Aug-15	31-Aug-15	0%
SHT1867-120	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	7d	01-Sep-15	08-Sep-15	0%
SHT1867-125	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	10-Sep-15	17-Sep-15	0%
SHT1867-130	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	18-Sep-15	25-Sep-15	0%
SHT1867-135	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	26-Sep-15	07-Oct-15	0%
Bay 5 (Ch 14+364 - Ch 14+380, L=16m)					
SHT1867-140	SHT C&CT (Zone B) - T001- Pile Trimming, Blinding layer, Capping plate & dowels	7d	29-Aug-15	05-Sep-15	0%
SHT1867-145	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	7d	07-Sep-15	14-Sep-15	0%
SHT1867-150	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	15-Sep-15	15-Sep-15	0%
SHT1867-155	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	3d	16-Sep-15	18-Sep-15	0%
SHT1867-160	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	19-Sep-15	26-Sep-15	0%
SHT1867-165	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	29-Sep-15	07-Oct-15	0%
SHT1867-170	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	08-Oct-15	16-Oct-15	0%
Bay 6 (Ch 14+346 - Ch 14+364, L=18m)					
SHT1867-180	SHT C&CT (Zone B) - T001- Pile Trimming, Blinding layer, Capping plate & dowels	7d	01-Sep-15	08-Sep-15	0%
SHT1867-185	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	7d	09-Sep-15	16-Sep-15	0%
SHT1867-190	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	17-Sep-15	17-Sep-15	0%
SHT1867-195	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	3d	18-Sep-15	21-Sep-15	0%
SHT1867-200	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	22-Sep-15	30-Sep-15	0%
SHT1867-205	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	02-Oct-15	09-Oct-15	0%
SHT1867-210	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	10-Oct-15	19-Oct-15	0%
Bay 7 (Ch 14+330 - Ch 14+346, L=16m)					
SHT1867-215	SHT C&CT (Zone B) - T001- Pile Trimming, Blinding layer, Capping plate & dowels	7d	05-Sep-15	12-Sep-15	0%
SHT1867-220	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	7d	14-Sep-15	21-Sep-15	0%
SHT1867-225	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	22-Sep-15	22-Sep-15	0%
SHT1867-230	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	3d	23-Sep-15	25-Sep-15	0%
SHT1867-235	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	26-Sep-15	06-Oct-15	0%
SHT1867-240	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	07-Oct-15	14-Oct-15	0%
SHT1867-245	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	15-Oct-15	24-Oct-15	0%
Bay 8 (Ch 14+315 - Ch 14+330, L=15m)					
SHT1867-250	SHT C&CT (Zone B) - T001- Pile Trimming, Blinding layer, Capping plate & dowels	7d	08-Sep-15	15-Sep-15	0%
SHT1867-255	SHT C&CT (Zone B) - T001- Base slab - Waterproofing, Formworks & Rebars	7d	16-Sep-15	23-Sep-15	0%
SHT1867-260	SHT C&CT (Zone B) - T001- Base slab - Concrete	1d	24-Sep-15	24-Sep-15	0%
SHT1867-265	SHT C&CT (Zone B) - T001- Base slab - Formworks removal + mass concrete backfill	3d	25-Sep-15	29-Sep-15	0%
SHT1867-270	SHT C&CT (Zone B) - T001- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	30-Sep-15	08-Oct-15	0%
SHT1867-275	SHT C&CT (Zone B) - T001- Roof - Formworks,Rebars, Concrete	7d	09-Oct-15	16-Oct-15	0%
SHT1867-280	SHT C&CT (Zone B) - T001- Formworks removal, waterproofing, backfilling works, re	8d	17-Oct-15	27-Oct-15	0%
T002(1.9.1)					
Bay 1 (Ch 14+450 - Ch 14+473, L=23m)					
SHT1868-10	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	10-Aug-15 A	10-Aug-15 A	100%
SHT1868-15	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	7d	13-Aug-15 A	31-Aug-15	0%
SHT1868-20	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	01-Sep-15	08-Sep-15	0%
SHT1868-25	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	09-Sep-15	16-Sep-15	0%
SHT1868-30	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	17-Sep-15	25-Sep-15	0%
Bay 2 (Ch 14+430 - Ch 14+450, L=20m)					
SHT1868-40	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	9d	12-Aug-15 A	27-Aug-15	85%
SHT1868-45	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	28-Aug-15	28-Aug-15	0%
SHT1868-50	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	7d	29-Aug-15	05-Sep-15	0%
SHT1868-55	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	07-Sep-15	14-Sep-15	0%
SHT1868-60	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	15-Sep-15	22-Sep-15	0%
SHT1868-65	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	23-Sep-15	03-Oct-15	0%
Bay 3 (Ch 14+407 - Ch 14+430, L=23m)					
SHT1868-75	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	18-Aug-15 A	31-Aug-15	35%
SHT1868-80	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	01-Sep-15	01-Sep-15	0%
SHT1868-85	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	7d	02-Sep-15	09-Sep-15	0%
SHT1868-90	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	10-Sep-15	17-Sep-15	0%
SHT1868-95	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	18-Sep-15	25-Sep-15	0%
SHT1868-100	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	26-Sep-15	07-Oct-15	0%
Bay 4 (Ch 14+380 - Ch 14+407, L=27m)					
SHT1868-110	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	27-Aug-15	03-Sep-15	0%
SHT1868-115	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	04-Sep-15	04-Sep-15	0%
SHT1868-120	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	3d	05-Sep-15	08-Sep-15	0%
SHT1868-125	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	09-Sep-15	16-Sep-15	0%



FILE: 3M40 (Rev.00)

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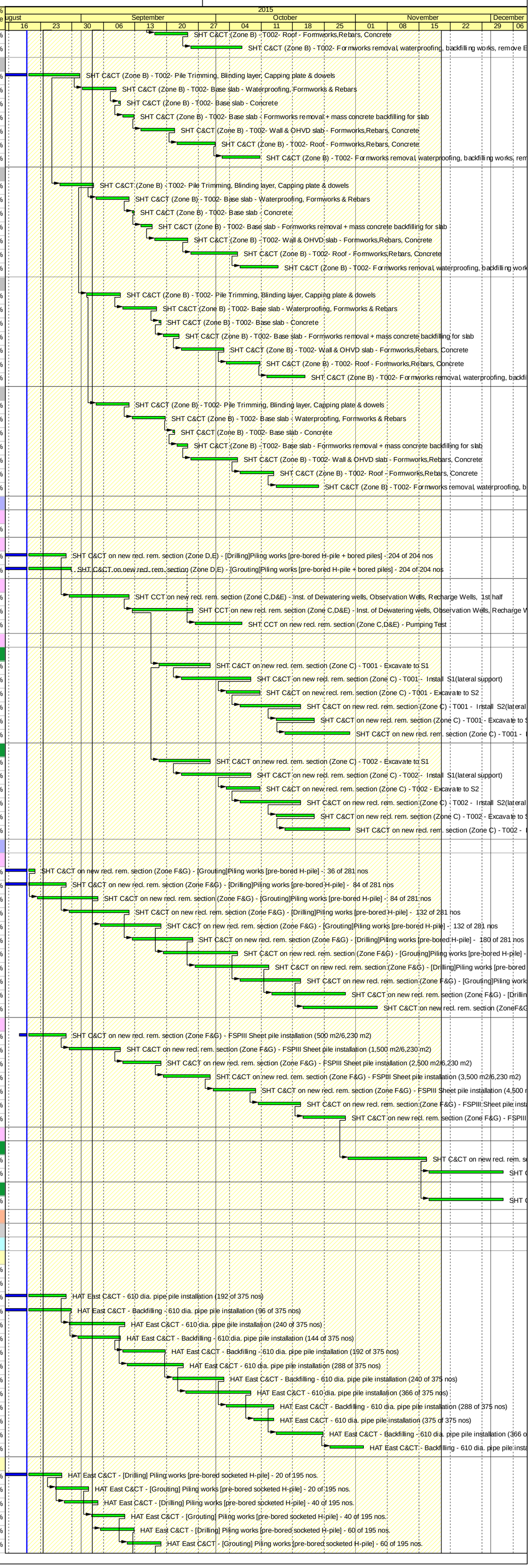
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1868-130	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	17-Sep-15	24-Sep-15	0%
SHT1868-135	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	25-Sep-15	06-Oct-15	0%
Bay 5 (Ch 14+365 - Ch 14+380, L=15m)					
SHT1868-140	SHT C&CT (Zone B) - T002- Pile Trimming, Blinding layer, Capping plate & dowels	7d	08-Jul-15 A	31-Aug-15	0%
SHT1868-145	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	01-Sep-15	08-Sep-15	0%
SHT1868-150	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	09-Sep-15	09-Sep-15	0%
SHT1868-155	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	3d	10-Sep-15	12-Sep-15	0%
SHT1868-160	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	14-Sep-15	21-Sep-15	0%
SHT1868-165	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	22-Sep-15	30-Sep-15	0%
SHT1868-170	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	02-Oct-15	10-Oct-15	0%
Bay 6 (Ch 14+350- Ch 14+365, L=15m)					
SHT1868-175	SHT C&CT (Zone B) - T002- Pile Trimming, Blinding layer, Capping plate & dowels	7d	27-Aug-15	03-Sep-15	0%
SHT1868-180	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	04-Sep-15	11-Sep-15	0%
SHT1868-185	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	12-Sep-15	12-Sep-15	0%
SHT1868-190	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	3d	14-Sep-15	16-Sep-15	0%
SHT1868-195	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	17-Sep-15	24-Sep-15	0%
SHT1868-200	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	25-Sep-15	05-Oct-15	0%
SHT1868-205	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	06-Oct-15	14-Oct-15	0%
Bay 7 (Ch 14+335 - Ch 14+350, L=15m)					
SHT1868-210	SHT C&CT (Zone B) - T002- Pile Trimming, Blinding layer, Capping plate & dowels	7d	02-Sep-15	09-Sep-15	0%
SHT1868-215	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	10-Sep-15	17-Sep-15	0%
SHT1868-220	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	18-Sep-15	18-Sep-15	0%
SHT1868-225	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	3d	19-Sep-15	22-Sep-15	0%
SHT1868-230	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	23-Sep-15	02-Oct-15	0%
SHT1868-235	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	03-Oct-15	10-Oct-15	0%
SHT1868-240	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	12-Oct-15	20-Oct-15	0%
Bay 8 (Ch 14+322 - Ch 14+332, L=13m)					
SHT1868-245	SHT C&CT (Zone B) - T002- Pile Trimming, Blinding layer, Capping plate & dowels	7d	04-Sep-15	11-Sep-15	0%
SHT1868-250	SHT C&CT (Zone B) - T002- Base slab - Waterproofing, Formworks & Rebars	7d	12-Sep-15	19-Sep-15	0%
SHT1868-255	SHT C&CT (Zone B) - T002- Base slab - Concrete	1d	21-Sep-15	21-Sep-15	0%
SHT1868-260	SHT C&CT (Zone B) - T002- Base slab - Formworks removal + mass concrete backfill	3d	22-Sep-15	24-Sep-15	0%
SHT1868-265	SHT C&CT (Zone B) - T002- Wall & OHVD slab - Formworks,Rebars, Concrete	7d	25-Sep-15	05-Oct-15	0%
SHT1868-270	SHT C&CT (Zone B) - T002- Roof - Formworks,Rebars, Concrete	7d	06-Oct-15	13-Oct-15	0%
SHT1868-275	SHT C&CT (Zone B) - T002- Formworks removal, waterproofing, backfilling works, re	8d	14-Oct-15	23-Oct-15	0%
ELS - Tunnel SHT - Zone C,D&E - C&CT (T1.9.2 Ch 14+452 to Ch 14+597)/(Ch 14+474 to Ch 14+612)					
Pre-Bored Socketed H-Pile (DDA 1.2.1.2)					
SHT1913-10	SHT C&CT on new recl. rem. section (Zone C) - [Grouting]Piling works [pre-bored H-	5d	12-Jun-15 A	10-Aug-15 A	100%
Pre-Bored Socketed H-Pile (DDA 1.2.1.3)					
SHT1912-15	SHT C&CT on new recl. rem. section (Zone D,E) - [Drilling]Piling works [pre-bored H-	14d	08-Jul-15 A	28-Aug-15	87%
SHT1913-17	SHT C&CT on new recl. rem. section (Zone D,E) - [Grouting]Piling works [pre-bored I	12d	08-Aug-15 A	29-Aug-15	76%
Pumping Test					
SHT1915-1	SHT CCT on new recl. rem. section (Zone C,D&E) - Inst. of Dewatering wells, Observ	12d	29-Aug-15	11-Sep-15	0%
SHT1915-11	SHT CCT on new recl. rem. section (Zone C,D&E) - Inst. of Dewatering wells, Observ	12d	12-Sep-15	25-Sep-15	0%
SHT1915-21	SHT CCT on new recl. rem. section (Zone C,D&E) - Pumping Test	7d	26-Sep-15	06-Oct-15	0%
Excavation & Lateral Support (Zone C - T1.9.2)					
T001(T1.9.2)					
SHT1916-1	SHT C&CT on new recl. rem. section (Zone C) - T001 - Excavate to S1	9d	18-Sep-15	29-Sep-15	0%
SHT1916-2	SHT C&CT on new recl. rem. section (Zone C) - T001 - Install S1(lateral support)	12d	23-Sep-15	08-Oct-15	0%
SHT1916-3	SHT C&CT on new recl. rem. section (Zone C) - T001 - Excavate to S2	7d	03-Oct-15	10-Oct-15	0%
SHT1916-4	SHT C&CT on new recl. rem. section (Zone C) - T001 - Install S2(lateral support)	12d	06-Oct-15	19-Oct-15	0%
SHT1916-5	SHT C&CT on new recl. rem. section (Zone C) - T001 - Excavate to S3	7d	14-Oct-15	22-Oct-15	0%
SHT1916-6	SHT C&CT on new recl. rem. section (Zone C) - T001 - Install S3(lateral support)	12d	16-Oct-15	30-Oct-15	0%
T002(T1.9.2)					
SHT1917-1	SHT C&CT on new recl. rem. section (Zone C) - T002 - Excavate to S1	9d	18-Sep-15	29-Sep-15	0%
SHT1917-2	SHT C&CT on new recl. rem. section (Zone C) - T002 - Install S1(lateral support)	12d	23-Sep-15	08-Oct-15	0%
SHT1917-3	SHT C&CT on new recl. rem. section (Zone C) - T002 - Excavate to S2	7d	03-Oct-15	10-Oct-15	0%
SHT1917-4	SHT C&CT on new recl. rem. section (Zone C) - T002 - Install S2(lateral support)	12d	06-Oct-15	19-Oct-15	0%
SHT1917-5	SHT C&CT on new recl. rem. section (Zone C) - T002 - Excavate to S3	7d	14-Oct-15	22-Oct-15	0%
SHT1917-6	SHT C&CT on new recl. rem. section (Zone C) - T002 - Install S3(lateral support)	12d	16-Oct-15	30-Oct-15	0%
ELS - Tunnel SHT - Zone F & G - C&CT (T1.9.3 Ch 14+597to Ch 14+727)/(Ch 14+612 to Ch+14+739)					
Pre-Bored Socketed H-Pile (DDA 1.2.1.4)					
SHT1920-1	SHT C&CT on new recl. rem. section (Zone F&G) - [Grouting]Piling works [pre-bored	12d	25-Jul-15 A	21-Aug-15	94%
SHT1919-2	SHT C&CT on new recl. rem. section (Zone F&G) - [Drilling]Piling works [pre-bored H-	12d	30-Jul-15 A	28-Aug-15	46%
SHT1920-2	SHT C&CT on new recl. rem. section (Zone F&G) - [Grouting]Piling works [pre-bored	12d	22-Aug-15	04-Sep-15	0%
SHT1919-3	SHT C&CT on new recl. rem. section (Zone F&G) - [Drilling]Piling works [pre-bored H-	12d	29-Aug-15	11-Sep-15	0%
SHT1920-3	SHT C&CT on new recl. rem. section (Zone F&G) - [Grouting]Piling works [pre-bored	12d	05-Sep-15	18-Sep-15	0%
SHT1919-4	SHT C&CT on new recl. rem. section (Zone F&G) - [Drilling]Piling works [pre-bored H-	12d	12-Sep-15	25-Sep-15	0%
SHT1920-4	SHT C&CT on new recl. rem. section (Zone F&G) - [Grouting]Piling works [pre-bored	12d	19-Sep-15	05-Oct-15	0%
SHT1919-5	SHT C&CT on new recl. rem. section (Zone F&G) - [Drilling]Piling works [pre-bored H-	12d	26-Sep-15	12-Oct-15	0%
SHT1920-5	SHT C&CT on new recl. rem. section (Zone F&G) - [Grouting]Piling works [pre-bored	12d	06-Oct-15	19-Oct-15	0%
SHT1919-6	SHT C&CT on new recl. rem. section (Zone F&G) - [Drilling]Piling works [pre-bored H-	14d	13-Oct-15	29-Oct-15	0%
SHT1920-15	SHT C&CT on new recl. rem. section (ZoneF&G) - [Grouting]Piling works [pre-bored	14d	20-Oct-15	05-Nov-15	0%
Sheet Piling Works					
SHT1922-1	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (500	10d	18-Aug-15 A	28-Aug-15	24%
SHT1922-2	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (1,5(	10d	29-Aug-15	09-Sep-15	0%
SHT1922-3	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (2,5(	8d	10-Sep-15	18-Sep-15	0%
SHT1922-22	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (3,5(	8d	19-Sep-15	29-Sep-15	0%
SHT1922-32	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (4,5(	8d	30-Sep-15	09-Oct-15	0%
SHT1922-42	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (5,5(	8d	10-Oct-15	19-Oct-15	0%
SHT1922-52	SHT C&CT on new recl. rem. section (Zone F&G) - FSPIII Sheet pile installation (6,2:	8d	20-Oct-15	29-Oct-15	0%
Excavation Works					
T001 (T1.9.3)					
SHT1923-1	SHT C&CT on new recl. rem. section (Zone F&G) - T001 - Excavate to FEL, 1st half	15d	30-Oct-15	16-Nov-15	0%
SHT1923-2	SHT C&CT on new recl. rem. section (Zone F&G) - T001 - Excavate to FEL, 2nd half	15d	17-Nov-15	03-Dec-15	0%
T002 (T1.9.3)					
SHT1924-1	SHT C&CT on new recl. rem. section (Zone F&G) - T002 - Excavate to FEL, 1st half	15d	17-Nov-15	03-Dec-15	0%
CCT Works for HAT East w/ Emergency Pedestrian Passage					
HAT Plant Building and Cut & Cover Tunnel, East Area [303m Approx.]					
Foundation (Ch 0+768 to Ch 1+195)					
Dia. 610mm Pipe Pilling Works					
HAT1041-1	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (48 of 375 nos)	12d	06-Jul-15 A	14-Aug-15 A	100%
HAT1040-3	HAT East C&CT - 610 dia. pipe pile installation (144 of 375 nos)	11d	25-Jul-15 A	10-Aug-15 A	100%
HAT1040-4	HAT East C&CT - 610 dia. pipe pile installation (192 of 375 nos)	11d	10-Aug-15 A	28-Aug-15	48%
HAT1041-2	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (96 of 375 nos)	9d	14-Aug-15 A	29-Aug-15	0%
HAT1040-5	HAT East C&CT - 610 dia. pipe pile installation (240 of 375 nos)	11d	29-Aug-15	10-Sep-15	0%
HAT1041-3	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (144 of 375 nos)	9d	31-Aug-15	09-Sep-15	0%
HAT1041-4	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (192 of 375 nos)	9d	10-Sep-15	19-Sep-15	0%
HAT1040-6	HAT East C&CT - 610 dia. pipe pile installation (288 of 375 nos)	11d	11-Sep-15	23-Sep-15	0%
HAT1041-5	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (240 of 375 nos)	9d	21-Sep-15	02-Oct-15	0%
HAT1040-7	HAT East C&CT - 610 dia. pipe pile installation (366 of 375 nos)	11d	24-Sep-15	08-Oct-15	0%
HAT1041-6	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (288 of 375 nos)	9d	03-Oct-15	13-Oct-15	0%
HAT1040-8	HAT East C&CT - 610 dia. pipe pile installation (375 of 375 nos)	4d	09-Oct-15	13-Oct-15	0%
HAT1041-7	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (366 of 375 nos)	9d	14-Oct-15	24-Oct-15	0%
HAT1041-8	HAT East C&CT - Backfilling - 610 dia. pipe pile installation (375of 375nos)	7d	26-Oct-15	02-Nov-15	0%
Pre-Bored Socketed H-Pile					
HAT1030-1	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 20 of 195 nos.	7d	28-Jul-15 A	27-Aug-15	35%
HAT1031-1	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 20 of 195 nos.	7d	26-Aug-15	02-Sep-15	0%
HAT1030-2	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 40 of 195 nos.	7d	28-Aug-15	04-Sep-15	0%
HAT1031-2	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 40 of 195 nos.	7d	03-Sep-15	10-Sep-15	0%
HAT1030-3	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 60 of 195 nos.	7d	05-Sep-15	12-Sep-15	0%
HAT1031-3	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 60 of 195 nos.	7d	11-Sep-15	18-Sep-15	0%



FILE: 3M40 (Rev.00)

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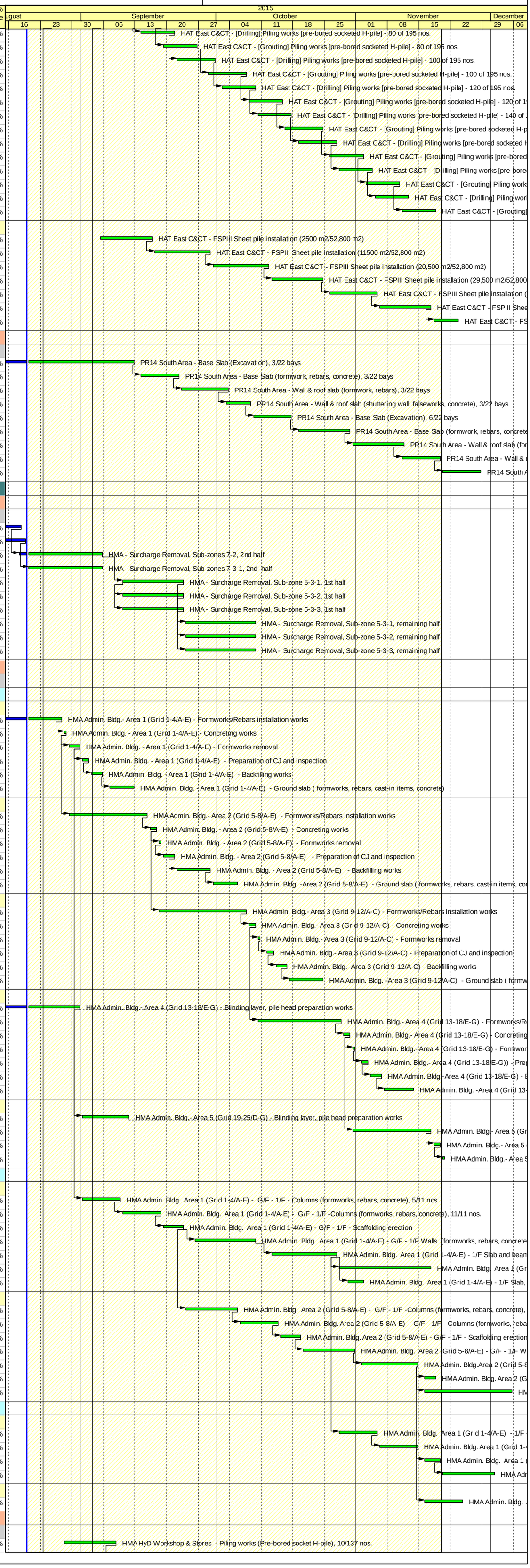
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
HAT1030-4	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 80 of 195 nos.	7d	14-Sep-15	21-Sep-15	0%
HAT1031-4	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 80 of 195 nos.	7d	19-Sep-15	26-Sep-15	0%
HAT1030-5	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 100 of 195 nos.	7d	22-Sep-15	30-Sep-15	0%
HAT1031-5	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 100 of 195 nos	7d	29-Sep-15	07-Oct-15	0%
HAT1030-6	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 120 of 195 nos.	7d	02-Oct-15	09-Oct-15	0%
HAT1031-6	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 120 of 195 nos	7d	08-Oct-15	15-Oct-15	0%
HAT1030-7	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 140 of 195 nos.	7d	10-Oct-15	17-Oct-15	0%
HAT1031-7	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 140 of 195 nos	7d	16-Oct-15	24-Oct-15	0%
HAT1030-8	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 160 of 195 nos.	7d	19-Oct-15	27-Oct-15	0%
HAT1031-8	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 160 of 195 nos	7d	26-Oct-15	02-Nov-15	0%
HAT1030-9	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 180 of 195 nos.	7d	28-Oct-15	04-Nov-15	0%
HAT1031-9	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 180 of 195 nos	7d	03-Nov-15	10-Nov-15	0%
HAT1030-10	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 195 of 195 nos.	7d	05-Nov-15	12-Nov-15	0%
HAT1031-10	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 195 of 195 nos	7d	11-Nov-15	18-Nov-15	0%
Sheet Piling Works					
HAT1040-01	HAT East C&CT - FSPIII Sheet pile installation (2500 m2/52,800 m2)	10d	05-Sep-15*	16-Sep-15	0%
HAT1040-02	HAT East C&CT - FSPIII Sheet pile installation (11500 m2/52,800 m2)	10d	17-Sep-15	29-Sep-15	0%
HAT1040-03	HAT East C&CT - FSPIII Sheet pile installation (20,500 m2/52,800 m2)	10d	30-Sep-15	12-Oct-15	0%
HAT1040-04	HAT East C&CT - FSPIII Sheet pile installation (29,500 m2/52,800 m2)	10d	13-Oct-15	24-Oct-15	0%
HAT1040-05	HAT East C&CT - FSPIII Sheet pile installation (38,500 m2/52,800 m2)	10d	26-Oct-15	05-Nov-15	0%
HAT1040-06	HAT East C&CT - FSPIII Sheet pile installation (47,500 m2/52,800 m2)	10d	06-Nov-15	17-Nov-15	0%
HAT1040-16	HAT East C&CT - FSPIII Sheet pile installation (52,800 m2/52,800 m2)	5d	18-Nov-15	23-Nov-15	0%
Box Culvert Extension to outfall PR14 (457m Approx.)					
Box Culvert Extension to outfall PR14 (South Area, Bay S1 to S22)					
BC1250	PR14 South Area - Base Slab (Excavation), 3/22 bays	15d	14-May-15 A	12-Sep-15	50%
BC1110-1	PR14 South Area - Base Slab (formwork, rebars, concrete), 3/22 bays	8d	14-Sep-15	22-Sep-15	0%
BC1110-2	PR14 South Area - Wall & roof slab (formwork, rebars), 3/22 bays	8d	23-Sep-15	03-Oct-15	0%
BC1110-3	PR14 South Area - Wall & roof slab (shuttering wall, falseworks, concrete), 3/22 bays	5d	03-Oct-15	08-Oct-15	0%
BC1110-13	PR14 South Area - Base Slab (Excavation), 6/22 bays	8d	09-Oct-15	17-Oct-15	0%
BC1110-4	PR14 South Area - Base Slab (formwork, rebars, concrete), 6/22 bays	10d	19-Oct-15	30-Oct-15	0%
BC1110-5	PR14 South Area - Wall & roof slab (formwork, rebars), 6/22 bays	10d	31-Oct-15	11-Nov-15	0%
BC1110-6	PR14 South Area - Wall & roof slab (shuttering wall, falseworks, concrete), 6/22 bays	10d	11-Nov-15	19-Nov-15	0%
BC1110-23	PR14 South Area - Base Slab (Excavation), 9/22 bays	10d	20-Nov-15	28-Nov-15	0%
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT					
Reclamation Works					
Surcharge					
RSC1083-27	HMA - Surcharge Removal, Sub-zones 7-2, 1st half	15d	17-Apr-15 A	18-Aug-15 A	100%
RSC1086-80	HMA - Surcharge Removal, Sub-zones 7-3-1, 1st half	12d	23-Jul-15 A	19-Aug-15 A	100%
RSC1083-37	HMA - Surcharge Removal, Sub-zones 7-2, 2nd half	15d	18-Aug-15 A	05-Sep-15	100%
RSC1086-90	HMA - Surcharge Removal, Sub-zones 7-3-1, 2nd half	15d	20-Aug-15 A	05-Sep-15	0%
RSC1083-17	HMA - Surcharge Removal, Sub-zone 5-3-1, 1st half	12d	10-Sep-15	23-Sep-15	0%
RSC1083-19	HMA - Surcharge Removal, Sub-zone 5-3-2, 1st half	12d	10-Sep-15	23-Sep-15	0%
RSC1083-21	HMA - Surcharge Removal, Sub-zone 5-3-3, 1st half	12d	10-Sep-15	23-Sep-15	0%
RSC1083-18	HMA - Surcharge Removal, Sub-zone 5-3-1, remaining half	12d	24-Sep-15	09-Oct-15	0%
RSC1083-20	HMA - Surcharge Removal, Sub-zone 5-3-2, remaining half	12d	24-Sep-15	09-Oct-15	0%
RSC1083-22	HMA - Surcharge Removal, Sub-zone 5-3-3, remaining half	12d	24-Sep-15	09-Oct-15	0%
Administration Building					
RC & Foundation Works					
Sub-structure (Pile Caps/Cable Trench/Ground Beams/Ground Slab)					
Area 1 (Grid 1-4/A-E)					
HMA1105-2	HMA Admin. Bldg.- Area 1 (Grid 1-4/A-E) - Formworks/Rebars installation works	15d	12-Aug-15 A	27-Aug-15	70%
HMA1105-3	HMA Admin. Bldg. - Area 1 (Grid 1-4/A-E) - Concreting works	1d	28-Aug-15	28-Aug-15	0%
HMA1105-4	HMA Admin. Bldg. - Area 1 (Grid 1-4/A-E) - Formworks removal	2d	29-Aug-15	31-Aug-15	0%
HMA1105-5	HMA Admin. Bldg. - Area 1 (Grid 1-4/A-E) - Preparation of CJ and inspection	2d	01-Sep-15	02-Sep-15	0%
HMA1105-6	HMA Admin. Bldg. - Area 1 (Grid 1-4/A-E) - Backfilling works	3d	03-Sep-15	05-Sep-15	0%
HMA1105-166	HMA Admin. Bldg. - Area 1 (Grid 1-4/A-E) - Ground slab (formworks, rebars, cast-in	6d	07-Sep-15	12-Sep-15	0%
Area 2 (Grid 5-8/A-E)					
HMA1105-8	HMA Admin. Bldg.- Area 2 (Grid 5-8/A-E) - Formworks/Rebars installation works	15d	29-Aug-15	15-Sep-15	0%
HMA1105-9	HMA Admin. Bldg. - Area 2 (Grid 5-8/A-E) - Concreting works	2d	16-Sep-15	17-Sep-15	0%
HMA1105-10	HMA Admin. Bldg. - Area 2 (Grid 5-8/A-E) - Formworks removal	1d	18-Sep-15	18-Sep-15	0%
HMA1105-11	HMA Admin. Bldg. - Area 2 (Grid 5-8/A-E) - Preparation of CJ and inspection	2d	19-Sep-15	21-Sep-15	0%
HMA1105-12	HMA Admin. Bldg. - Area 2 (Grid 5-8/A-E) - Backfilling works	6d	22-Sep-15	29-Sep-15	0%
HMA1105-22	HMA Admin. Bldg. -Area 2 (Grid 5-8/A-E) - Ground slab (formworks, rebars, cast-in i	4d	30-Sep-15	05-Oct-15	0%
Area 3 (Grid 9-12/A-C)					
HMA1105-14	HMA Admin. Bldg.- Area 3 (Grid 9-12/A-C) - Formworks/Rebars installation works	15d	18-Sep-15	07-Oct-15	0%
HMA1105-15	HMA Admin. Bldg.- Area 3 (Grid 9-12/A-C) - Concreting works	2d	08-Oct-15	09-Oct-15	0%
HMA1105-16	HMA Admin. Bldg.- Area 3 (Grid 9-12/A-C) - Formworks removal	1d	10-Oct-15	10-Oct-15	0%
HMA1105-26	HMA Admin. Bldg.- Area 3 (Grid 9-12/A-C) - Preparation of CJ and inspection	2d	12-Oct-15	13-Oct-15	0%
HMA1105-36	HMA Admin. Bldg.- Area 3 (Grid 9-12/A-C) - Backfilling works	3d	14-Oct-15	16-Oct-15	0%
HMA1105-176	HMA Admin. Bldg. -Area 3 (Grid 9-12/A-C) - Ground slab (formworks, rebars, cast-ir	6d	17-Oct-15	24-Oct-15	0%
Area 4 (Grid 13-18/E-G)					
HMA1105-46	HMA Admin. Bldg.- Area 4 (Grid 13-18/E-G) - Blinding layer, pile head preparation wc	10d	08-Aug-15 A	31-Aug-15	76%
HMA1105-56	HMA Admin. Bldg.- Area 4 (Grid 13-18/E-G) - Formworks/Rebars installation works	15d	10-Oct-15	28-Oct-15	0%
HMA1105-66	HMA Admin. Bldg.- Area 4 (Grid 13-18/E-G) - Concreting works	2d	29-Oct-15	30-Oct-15	0%
HMA1105-76	HMA Admin. Bldg.- Area 4 (Grid 13-18/E-G) - Formworks removal	1d	31-Oct-15	31-Oct-15	0%
HMA1105-86	HMA Admin. Bldg.- Area 4 (Grid 13-18/E-G)) - Preparation of CJ and inspection	2d	02-Nov-15	03-Nov-15	0%
HMA1105-96	HMA Admin. Bldg.-Area 4 (Grid 13-18/E-G) - Backfilling works	3d	04-Nov-15	06-Nov-15	0%
HMA1105-186	HMA Admin. Bldg. -Area 4 (Grid 13-18/E-G) - Ground slab (formworks, rebars, cast-	6d	07-Nov-15	13-Nov-15	0%
Area 5 (Grid 19-25/D-G)					
HMA1105-106	HMA Admin. Bldg.- Area 5 (Grid 19-25/D-G) - Blinding layer, pile head preparation wc	10d	01-Sep-15	11-Sep-15	0%
HMA1105-116	HMA Admin. Bldg.- Area 5 (Grid 19-25/D-G) - Formworks/Rebars installation works	15d	31-Oct-15	17-Nov-15	0%
HMA1105-126	HMA Admin. Bldg.- Area 5 (Grid 19-25/D-G) - Concreting works	2d	18-Nov-15	19-Nov-15	0%
HMA1105-136	HMA Admin. Bldg.- Area 5 (Grid 19-25/D-G) - Formworks removal	1d	20-Nov-15	20-Nov-15	0%
Superstructure - (G/F - 1/F)					
Area 1 (Grid 1-4/A-E)					
HMA1110-1	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - G/F - 1/F - Columns (formworks, rebars, c	8d	01-Sep-15	09-Sep-15	0%
HMA1110-2	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - G/F - 1/F -Columns (formworks, rebars, c	8d	10-Sep-15	18-Sep-15	0%
HMA1110-3	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - G/F - 1/F - Scaffolding erection	4d	19-Sep-15	23-Sep-15	0%
HMA1110-4	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - G/F - 1/F Walls (formworks, rebars, concr	10d	26-Sep-15	09-Oct-15	0%
HMA1110-5	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F Slab and beams (formworks, rebars, c	12d	13-Oct-15	27-Oct-15	0%
HMA1110-16	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F Slab, Curing, removal of scaffold belov	18d	28-Oct-15	17-Nov-15	0%
HMA1110-6	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F Slab, preparation of CJ and inspection	3d	30-Oct-15	02-Nov-15	0%
Area 2 (Grid 5-8/A-E)					
HMA1110-7	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - G/F - 1/F -Columns (formworks, rebars, c	8d	24-Sep-15	05-Oct-15	0%
HMA1110-8	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - G/F - 1/F - Columns (formworks, rebars, c	8d	06-Oct-15	14-Oct-15	0%
HMA1115-1	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - G/F - 1/F - Scaffolding erection	4d	15-Oct-15	19-Oct-15	0%
HMA1115-2	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - G/F - 1/F Walls (formworks, rebars, concr	10d	20-Oct-15	31-Oct-15	0%
HMA1115-3	HMA Admin. Bldg.Area 2 (Grid 5-8/A-E) - 1/F Slab and beams (formworks, rebars, cc	12d	02-Nov-15	14-Nov-15	0%
HMA1115-4	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F Slab, preparation of CJ and inspection	3d	16-Nov-15	18-Nov-15	0%
HMA1110-11	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F Slab, Curing, removal of scaffold belov	18d	16-Nov-15	05-Dec-15	0%
Superstructure - (1F - R/F)					
Area 1 (Grid 1-4/A-E)					
HMA1115-5	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F - R/F - Columns (formworks, rebars, c	8d	28-Oct-15	05-Nov-15	0%
HMA1115-15	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F - R/F - Columns (formworks, rebars, cc	8d	06-Nov-15	14-Nov-15	0%
HMA1115-25	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F - R/F - Scaffolding erection	4d	16-Nov-15	19-Nov-15	0%
HMA1115-35	HMA Admin. Bldg. Area 1 (Grid 1-4/A-E) - 1/F - R/F Walls (formworks, rebars, concr	10d	20-Nov-15	01-Dec-15	0%
Area 2 (Grid 5-8/A-E)					
HMA1115-65	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F - R/FColumns (formworks, rebars, con	8d	16-Nov-15	24-Nov-15	0%
HyD & TD Workshop & Stores Building					
Pre-bored Socketed H-pile					
HMA1060-56	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 10/137 nos.	10d	28-Aug-15*	08-Sep-15	0%



FILE: 3M40 (Rev.00)

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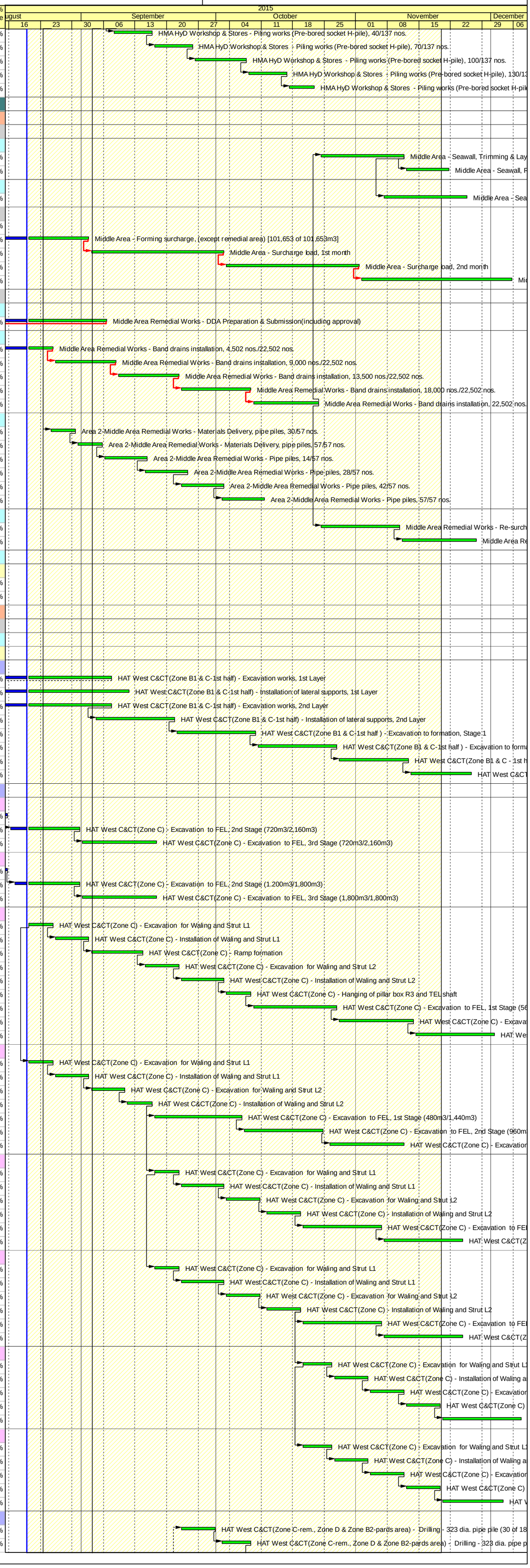
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
HMA1060-66	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 40/137 nos.	8d	08-Sep-15	16-Sep-15	0%
HMA1060-76	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 70/137 nos.	8d	17-Sep-15	25-Sep-15	0%
HMA1060-86	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 100/137 nos.	8d	26-Sep-15	07-Oct-15	0%
HMA1060-96	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 130/137 nos.	8d	08-Oct-15	16-Oct-15	0%
HMA1060-106	HMA HyD Workshop & Stores - Piling works (Pre-bored socket H-pile), 137/137 nos.	4d	17-Oct-15	22-Oct-15	0%
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)					
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)					
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	24-Oct-15	11-Nov-15	0%
SW1070	Middle Area - Seawall, Rockfill Core	9d	12-Nov-15	21-Nov-15	0%
SWCH 1+100 to SWCH 1+180 - 80m					
SW1130	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16d	07-Nov-15	25-Nov-15	0%
Surcharge					
RSC1069-31	Middle Area - Forming surcharge, (except remedial area) [80,000 of 101,653m3]	12d	09-Dec-14 A	13-Aug-15 A	100%
RSC1069-41	Middle Area - Forming surcharge, (except remedial area) [101,653 of 101,653m3]	12d	14-Aug-15 A	02-Sep-15	14%
RSC1069-61	Middle Area - Surcharge load, 1st month	30d	03-Sep-15	02-Oct-15	0%
RSC1069-71	Middle Area - Surcharge load, 2nd month	30d	03-Oct-15	01-Nov-15	0%
RSC1069-81	Middle Area - Surcharge load, 3rd month	30d	02-Nov-15	05-Dec-15	0%
Area 2: Investigation and Remedial Works - SWCH 1+050 to SWCH 1+280 (230m)					
Design Review					
A1400	Middle Area Remedial Works - DDA Preparation & Submission(including approval)	18d	28-Feb-15 A	06-Sep-15	80%
Band Drains					
A1210	Middle Area Remedial Works - Band drains installation, 4,502 nos./22,502 nos.	15d	27-Jul-15 A	25-Aug-15	73%
A1340	Middle Area Remedial Works - Band drains installation, 9,000 nos./22,502 nos.	12d	26-Aug-15	08-Sep-15	0%
A1350	Middle Area Remedial Works - Band drains installation, 13,500 nos./22,502 nos.	12d	09-Sep-15	22-Sep-15	0%
A1490	Middle Area Remedial Works - Band drains installation, 18,000 nos./22,502 nos.	12d	23-Sep-15	08-Oct-15	0%
A1220	Middle Area Remedial Works - Band drains installation, 22,502 nos./22,502 nos.	12d	09-Oct-15	23-Oct-15	0%
Pipe Piles/Sheet Piles					
A1320	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles, 30/57 nos.	6d	25-Aug-15	30-Aug-15	0%
A1330	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles, 57/57 nos.	6d	31-Aug-15	05-Sep-15	0%
A1360	Area 2-Middle Area Remedial Works - Pipe piles, 14/57 nos.	10d	06-Sep-15	15-Sep-15	0%
A1370	Area 2-Middle Area Remedial Works - Pipe piles, 28/57 nos.	10d	15-Sep-15	24-Sep-15	0%
A1390	Area 2-Middle Area Remedial Works - Pipe piles, 42/57 nos.	10d	23-Sep-15	02-Oct-15	0%
A1440	Area 2-Middle Area Remedial Works - Pipe piles, 57/57 nos.	10d	02-Oct-15	11-Oct-15	0%
Surcharge					
A1380	Middle Area Remedial Works - Re-surcharge works	15d	24-Oct-15	10-Nov-15	0%
A1410	Middle Area Remedial Works - Re-surcharge works	15d	11-Nov-15	27-Nov-15	0%
Additional VST & CPT					
VST - Vane Shear Test					
A1640	Middle Area Remedial Works - Vane Shear Test, 20/24 nos.	15d	03-Aug-15 A	10-Aug-15 A	100%
A1645	Middle Area Remedial Works - Vane Shear Test, 24/24 nos.	7d	10-Aug-15 A	13-Aug-15 A	100%
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
CCT for HAT across Airport Road [200m Approx.]					
Civil & Structural Works					
ELS - HAT West CCT, Ch. 0+270 to Ch. 0+560					
ELS					
HAT1611-511	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 1st Layer	16d	09-Dec-14 A	07-Sep-15	88%
HAT1611-522	HAT West C&CT(Zone B1 & C-1st half) - Installation of lateral supports, 1st Layer	15d	15-May-15 A	11-Sep-15	30%
HAT1611-533	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 2nd Layer	16d	15-Jul-15 A	07-Sep-15	15%
HAT1611-544	HAT West C&CT(Zone B1 & C-1st half) - Installation of lateral supports, 2nd Layer	15d	04-Sep-15	21-Sep-15	0%
HAT1611-555	HAT West C&CT(Zone B1 & C-1st half) - Excavation to formation, Stage 1	14d	22-Sep-15	09-Oct-15	0%
HAT1611-666	HAT West C&CT(Zone B1 & C-1st half) - Excavation to formation, Stage 2	14d	10-Oct-15	27-Oct-15	0%
HAT1611-777	HAT West C&CT(Zone B1 & C - 1st half) - Excavation to formation, Stage 3 (levelling)	14d	28-Oct-15	12-Nov-15	0%
HAT1611-717	HAT West C&CT(Zone B2) - Excavation works, 1st Layer	12d	13-Nov-15	26-Nov-15	0%
ELS - Zone C (Ch. 0+470 to Ch. 0+394)					
Ch. 0+490 to Ch. 0+478, L=12.0m					
HAT1611-51	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (720m3/2,160m3)	15d	01-Aug-15 A	15-Aug-15 A	100%
HAT1611-71	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (720m3/2,160m3)	15d	16-Aug-15 A	31-Aug-15	35%
HAT1611-81	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (720m3/2,160m3)	15d	01-Sep-15	17-Sep-15	0%
Ch. 0+478 to Ch. 0+466, L=12.0m					
HAT1611-131	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (600m3/1,800m3)	15d	01-Aug-15 A	15-Aug-15 A	100%
HAT1611-361	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (1.200m3/1,800m3)	15d	17-Aug-15 A	31-Aug-15	35%
HAT1611-371	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,800m3/1,800m3)	15d	01-Sep-15	17-Sep-15	0%
Ch. 0+466 to Ch. 0+454, L=12.0m					
HAT1611-141	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	20-Aug-15	25-Aug-15	0%
HAT1611-151	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	26-Aug-15	02-Sep-15	0%
HAT1611-161	HAT West C&CT(Zone C) - Ramp formation	10d	03-Sep-15	14-Sep-15	0%
HAT1611-171	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	15-Sep-15	22-Sep-15	0%
HAT1611-181	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	23-Sep-15	02-Oct-15	0%
HAT1611-191	HAT West C&CT(Zone C) - Hanging of pillar box R3 and TEL shaft	5d	03-Oct-15	08-Oct-15	0%
HAT1611-201	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (560m3/1,680m3)	15d	09-Oct-15	27-Oct-15	0%
HAT1611-381	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (1,120m3/1,680m3)	15d	28-Oct-15	13-Nov-15	0%
HAT1611-391	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,680m3/1,680m3)	15d	14-Nov-15	01-Dec-15	0%
Ch. 0+454 to Ch. 0+442, L=12.0m					
HAT1611-211	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	20-Aug-15	25-Aug-15	0%
HAT1611-221	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	26-Aug-15	02-Sep-15	0%
HAT1611-231	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	03-Sep-15	10-Sep-15	0%
HAT1611-241	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	5d	11-Sep-15	16-Sep-15	0%
HAT1611-251	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (480m3/1,440m3)	15d	17-Sep-15	06-Oct-15	0%
HAT1611-401	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (960m3/1,440m3)	15d	07-Oct-15	24-Oct-15	0%
HAT1611-411	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,440m3/1,440m3)	15d	26-Oct-15	11-Nov-15	0%
Ch. 0+442 to Ch. 0+430, L=12.0m					
HAT1611-261	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	17-Sep-15	22-Sep-15	0%
HAT1611-271	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	23-Sep-15	02-Oct-15	0%
HAT1611-281	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	03-Oct-15	10-Oct-15	0%
HAT1611-291	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	12-Oct-15	19-Oct-15	0%
HAT1611-301	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (480m3/1,440m3)	15d	20-Oct-15	06-Nov-15	0%
HAT1611-421	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (960m3/1,440m3)	15d	07-Nov-15	24-Nov-15	0%
Ch. 0+430 to Ch. 0+418, L=12.0m					
HAT1611-311	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	17-Sep-15	22-Sep-15	0%
HAT1611-321	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	23-Sep-15	02-Oct-15	0%
HAT1611-331	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	03-Oct-15	10-Oct-15	0%
HAT1611-341	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	12-Oct-15	19-Oct-15	0%
HAT1611-351	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (440m3/1,320m3)	15d	20-Oct-15	06-Nov-15	0%
HAT1611-441	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (880m3/1,320m3)	15d	07-Nov-15	24-Nov-15	0%
Ch. 0+418 to Ch. 0+406, L=12.0m					
HAT1611-461	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	20-Oct-15	26-Oct-15	0%
HAT1611-471	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	27-Oct-15	03-Nov-15	0%
HAT1611-481	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	04-Nov-15	11-Nov-15	0%
HAT1611-491	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	12-Nov-15	19-Nov-15	0%
HAT1611-521	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (400m3/1,200m3)	15d	20-Nov-15	07-Dec-15	0%
Ch. 0+406 to Ch. 0+394, L=12.0m					
HAT1611-541	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	20-Oct-15	26-Oct-15	0%
HAT1611-551	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	27-Oct-15	03-Nov-15	0%
HAT1611-561	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	04-Nov-15	11-Nov-15	0%
HAT1611-571	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	12-Nov-15	19-Nov-15	0%
HAT1611-581	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (360m3/1,080m3)	12d	20-Nov-15	03-Dec-15	0%
Dia.323 Pipe Piling Works - Zone D(Ch 0+560 to Ch 0+470)& Zone B2(Pards area)					
HAT1610-14	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	23-Sep-15*	30-Sep-15	0%
HAT1610-15	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	02-Oct-15	08-Oct-15	0%



FILE: 3M40 (Rev.00)

Sheet 8 of 11

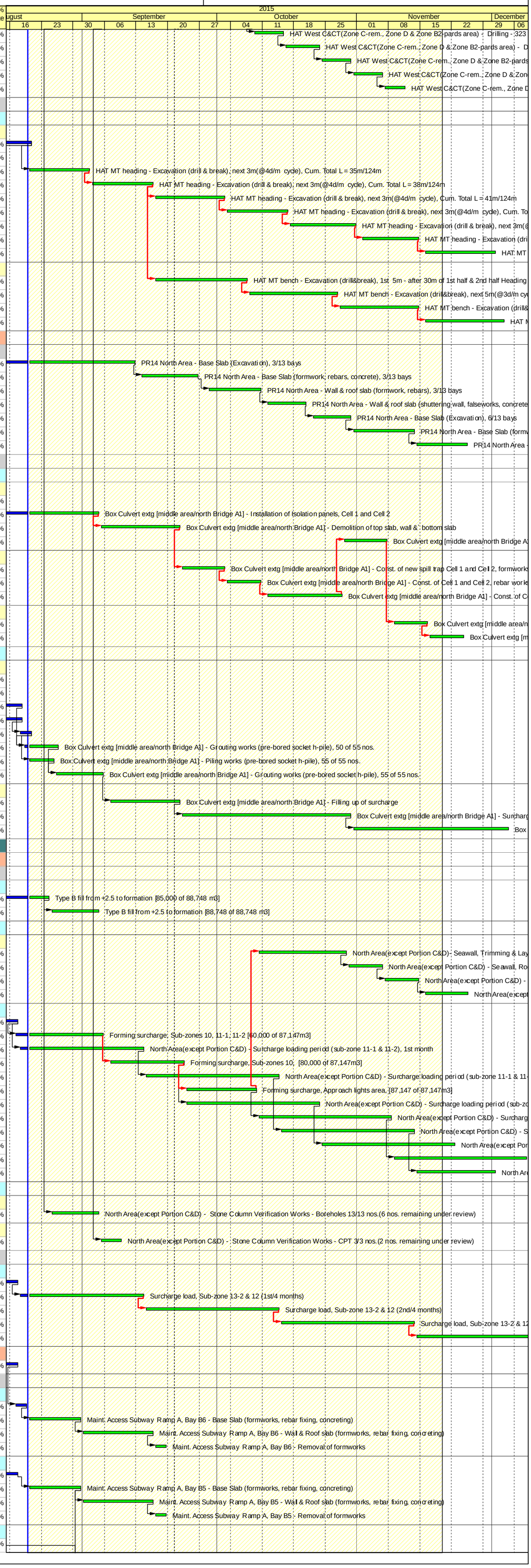
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

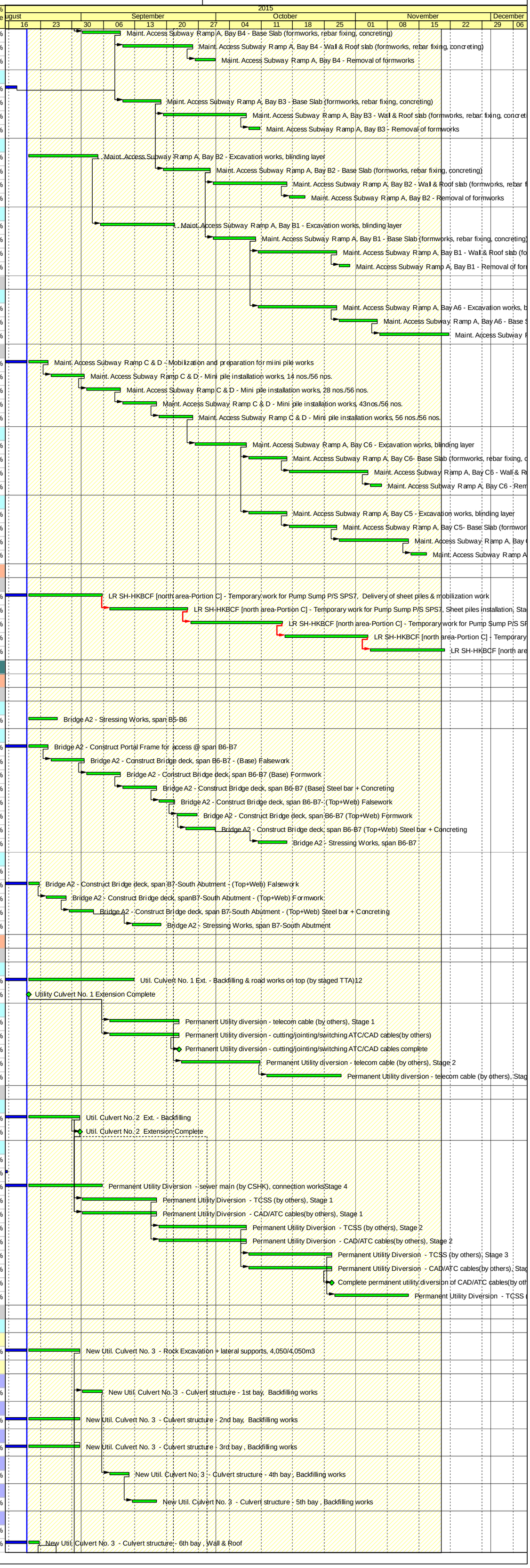
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
HAT1610-16	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	09-Oct-15	15-Oct-15	0%
HAT1610-17	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	16-Oct-15	23-Oct-15	0%
HAT1610-18	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	24-Oct-15	30-Oct-15	0%
HAT1610-19	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	6d	31-Oct-15	06-Nov-15	0%
HAT1610-20	HAT West C&CT(Zone C-rem., Zone D & Zone B2-pards area) - Drilling - 323 dia. pi	4d	07-Nov-15	11-Nov-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)					
HAT2015-11	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 3	12d	31-Jul-15 A	20-Aug-15 A	100%
HAT2015-49	HAT MT heading - Drilling and grouting works for Canopy D (6m length), 61 nos.	10d	06-Aug-15 A	11-Aug-15 A	100%
HAT2015-12	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 3	12d	20-Aug-15 A	02-Sep-15	0%
HAT2015-13	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 3	12d	03-Sep-15	16-Sep-15	0%
HAT2015-14	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 4	12d	17-Sep-15	02-Oct-15	0%
HAT2015-15	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 4	12d	03-Oct-15	16-Oct-15	0%
HAT2015-16	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 4	12d	17-Oct-15	31-Oct-15	0%
HAT2015-17	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 5	12d	02-Nov-15	14-Nov-15	0%
HAT2015-18	HAT MT heading [1st half] - Excavation (drill & break), 180m/198m	14d	16-Nov-15	01-Dec-15	0%
Drive from Shaft 4: HAT Tunnel Excavation - Bench(1st half & 2nd half)					
HAT2100	HAT MT bench - Excavation (drill&break), 1st 5m - after 30m of 1st half & 2nd half He	16d	17-Sep-15	07-Oct-15	0%
HAT2110	HAT MT bench - Excavation (drill&break), next 5m(@3d/m cycle), Total L = 10m	16d	08-Oct-15	27-Oct-15	0%
HAT2120	HAT MT bench - Excavation (drill&break), next 5m(@3d/m cycle), Total L = 15m	16d	28-Oct-15	14-Nov-15	0%
HAT2130	HAT MT bench - Excavation (drill&break), next 5m(@3d/m cycle), Total L = 20m	16d	16-Nov-15	03-Dec-15	0%
Box Culvert Extension to Outfall PR9 & PR14					
Box Culvert Ext. to New Outfall PR14 (North Area, Bay N1 to N-13)					
BC1160-1	PR14 North Area - Base Slab (Excavation), 3/13 bays	15d	03-Aug-15 A	12-Sep-15	50%
BC1160-2	PR14 North Area - Base Slab (formwork, rebars, concrete), 3/13 bays	12d	14-Sep-15	26-Sep-15	0%
BC1160-3	PR14 North Area - Wall & roof slab (formwork, rebars), 3/13 bays	10d	29-Sep-15	10-Oct-15	0%
BC1160-4	PR14 North Area - Wall & roof slab (shuttering wall, falseworks, concrete), 3/13 bays	8d	12-Oct-15	20-Oct-15	0%
BC1160-5	PR14 North Area - Base Slab (Excavation), 6/13 bays	8d	22-Oct-15	30-Oct-15	0%
BC1160-6	PR14 North Area - Base Slab (formwork, rebars, concrete), 6/13 bays	12d	31-Oct-15	13-Nov-15	0%
BC1160-7	PR14 North Area - Wall & roof slab (formwork, rebars), 6/13 bays	10d	14-Nov-15	25-Nov-15	0%
Box Culvert Ext. to New Outfall PR9 (75m Approx.)					
Temporary Drainage Diversion and Relocation of Spill Trap(Bay 1)					
Stage 2 - Demolition Works					
BC1200-46	Box Culvert extg [middle area/north Bridge A1] - Saw cutting, 2nd half	11d	05-Jul-15 A	11-Aug-15 A	100%
BC1200-56	Box Culvert extg [middle area/north Bridge A1] - Installation of Isolation panels, Cell 1 a	9d	10-Aug-15 A	04-Sep-15	40%
BC1200-57	Box Culvert extg [middle area/north Bridge A1] - Demolition of top slab, wall & bottom	15d	05-Sep-15	22-Sep-15	0%
BC1200-66	Box Culvert extg [middle area/north Bridge A1] - Installation of Isolation panels, Cell 3 a	9d	29-Oct-15	07-Nov-15	0%
Stage 3 - Construction of Cell 1 and Cell 2					
BC1200-07	Box Culvert extg [middle area/north Bridge A1] - Const. of new spill trap Cell 1 and Ce	7d	23-Sep-15	02-Oct-15	0%
BC1200-08	Box Culvert extg [middle area/north Bridge A1] - Const. of Cell 1 and Cell 2, rebar wor	7d	03-Oct-15	10-Oct-15	0%
BC1200-09	Box Culvert extg [middle area/north Bridge A1] - Const. of Cell 1 and Cell 2, concrete f	14d	12-Oct-15	28-Oct-15	0%
Stage 4 - Construction of Cell 3 and Cell 4					
BC1200-10	Box Culvert extg [middle area/north Bridge A1] - Const. of new spill trap Cell 3 and Ce	7d	09-Nov-15	16-Nov-15	0%
BC1200-11	Box Culvert extg [middle area/north Bridge A1] - Const. of new spill trap Cell 3 and Ce	7d	17-Nov-15	24-Nov-15	0%
PR09 Extension					
610mm Socket H-piles					
BC1201-3	Box Culvert extg [middle area/north Bridge A1] - Grouting works (pre-bored socket h-p	7d	02-Aug-15 A	11-Aug-15 A	100%
BC1200-29	Box Culvert extg [middle area/north Bridge A1] - Piling works (pre-bored socket h-pile)	7d	06-Aug-15 A	12-Aug-15 A	100%
BC1201-4	Box Culvert extg [middle area/north Bridge A1] - Grouting works (pre-bored socket h-p	7d	11-Aug-15 A	18-Aug-15 A	100%
BC1200-30	Box Culvert extg [middle area/north Bridge A1] - Piling works (pre-bored socket h-pile)	7d	13-Aug-15 A	18-Aug-15 A	100%
BC1200-31	Box Culvert extg [middle area/north Bridge A1] - Piling works (pre-bored socket h-pile)	7d	18-Aug-15 A	20-Aug-15 A	100%
BC1201-5	Box Culvert extg [middle area/north Bridge A1] - Grouting works (pre-bored socket h-p	7d	19-Aug-15 A	26-Aug-15	30%
BC1200-32	Box Culvert extg [middle area/north Bridge A1] - Piling works (pre-bored socket h-pile)	5d	20-Aug-15 A	25-Aug-15	20%
BC1201-6	Box Culvert extg [middle area/north Bridge A1] - Grouting works (pre-bored socket h-p	10d	26-Aug-15	05-Sep-15	0%
Surcharge @ PR09 Extension					
BC1200-108	Box Culvert extg [middle area/north Bridge A1] - Filling up of surcharge	14d	07-Sep-15	22-Sep-15	0%
BC1200-118	Box Culvert extg [middle area/north Bridge A1] - Surcharge loading period, 1st month	30d	23-Sep-15	30-Oct-15	0%
BC1200-128	Box Culvert extg [middle area/north Bridge A1] - Surcharge loading period, 2nd month	30d	31-Oct-15	04-Dec-15	0%
WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)					
Reclamation & Seawall Const. [723m Approx.]					
Remaining Portion From SWCH1400 to 1830 (AHR 15 to 20mPD)[Except Zone D)					
General Fill to Formation +5.5mPD					
RSC1108-34	Type B fill from +2.5 to formation [85,000 of 88,748 m3]	10d	04-Aug-15 A	24-Aug-15	80%
RSC1108-5	Type B fill from +2.5 to formation [88,748 of 88,748 m3]	10d	25-Aug-15	04-Sep-15	0%
Seawall Construction (Except Portion C & D) CH 1+400 to CH 1+850)					
SWCH 1+600 to SWCH 1+700					
RSC1160	North Area(except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawa	16d	10-Oct-15*	29-Oct-15	0%
RSC1161	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	30-Oct-15	06-Nov-15	0%
RSC1162	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	07-Nov-15	14-Nov-15	0%
RSC1163	North Area(except Portion C&D) - Seawall, Rock armour (1st layer)	9d	16-Nov-15	25-Nov-15	0%
Surcharge					
RSC1070-2	Forming surcharge, Sub-zones 10, 11-1, 11-2 [40,000 of 87,147m3]	8d	27-Jul-15 A	17-Aug-15 A	100%
RSC1070-3	Forming surcharge, Sub-zones 10, 11-1, 11-2 [60,000 of 87,147m3]	8d	17-Aug-15 A	05-Sep-15	47%
RSC1070-15	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-1 & 11-2), 1	30d	18-Aug-15 A	14-Sep-15	3%
RSC1070-4	Forming surcharge, Sub-zones 10, [80,000 of 87,147m3]	15d	07-Sep-15	23-Sep-15	0%
RSC1070-25	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-1 & 11-2), 2	30d	15-Sep-15	14-Oct-15	0%
RSC1070-5	Forming surcharge, Approach lights area, [87,147 of 87,147m3]	12d	24-Sep-15	09-Oct-15	0%
RSC1070-55	North Area(except Portion C&D) - Surcharge loading period (sub-zone 10), 1st month	30d	24-Sep-15	23-Oct-15	0%
RSC1070-6	North Area(except Portion C&D) - Surcharge loading period (Approach lights area), 1	30d	10-Oct-15	08-Nov-15	0%
RSC1070-35	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-1 & 11-2) 3	30d	15-Oct-15	13-Nov-15	0%
RSC1070-65	North Area(except Portion C&D) - Surcharge loading period (sub-zone 10), 2nd month	30d	24-Oct-15	22-Nov-15	0%
RSC1070-7	North Area(except Portion C&D) - Surcharge loading period (Approach lights area), 2	30d	09-Nov-15	08-Dec-15	0%
RSC1070-45	North Area(except Portion C&D) - Surcharge removal (sub-zone 11-1 & 11-2)	15d	14-Nov-15	01-Dec-15	0%
Boreholes & CPT- Stone Column Verification					
Boreholes					
RSC2000-14	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 13/1	10d	25-Aug-15	04-Sep-15	0%
CPT					
RSC2000-25	North Area(except Portion C&D) - Stone Column Verification Works - CPT 3/3 nos.(2	4d	05-Sep-15	09-Sep-15	0%
"Zone D" - Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)					
Surcharge					
RSC1146-9	Forming surcharge, Sub-zone 13-2 & 12 - Portion C, (45,000 of 45,000m3)	8d	12-Jun-15 A	17-Aug-15 A	100%
RSC1144	Surcharge load, Sub-zone 13-2 & 12 (1st/4 months)	30d	18-Aug-15 A	14-Sep-15	3%
RSC1148	Surcharge load, Sub-zone 13-2 & 12 (2nd/4 months)	30d	15-Sep-15	14-Oct-15	0%
RSC1145	Surcharge load, Sub-zone 13-2 & 12 (3rd/4 months)	30d	15-Oct-15	13-Nov-15	0%
RSC1146	Surcharge load, Sub-zone 13-2 & 12 (4th/4 months)	30d	14-Nov-15	13-Dec-15	0%
Maintenance Access Subway bet. New Weather Station & Aeronautical Lights					
MAS1010	Maint. Access Subway - Site Clearing, site formation works, mobilization works	7d	10-Aug-15 A	17-Aug-15 A	100%
Maintenance Access Subway - RAMP B					
Bay B6					
MAS1020	Maint. Access Subway Ramp A, Bay B6 - Backfilling works, blinding layer	4d	17-Aug-15 A	19-Aug-15 A	100%
MAS1090	Maint. Access Subway Ramp A, Bay B6 - Base Slab (formworks, rebar fixing, concreti	10d	20-Aug-15 A	31-Aug-15	0%
MAS1100	Maint. Access Subway Ramp A, Bay B6 - Wall & Roof slab (formworks, rebar fixing, co	14d	01-Sep-15	16-Sep-15	0%
MAS1110	Maint. Access Subway Ramp A, Bay B6 - Removal of formworks	3d	17-Sep-15	19-Sep-15	0%
Bay B5					
MAS1120	Maint. Access Subway Ramp A, Bay B5 - Excavation works, blinding layer	14d	18-Jul-15 A	17-Aug-15 A	100%
MAS1130	Maint. Access Subway Ramp A, Bay B5 - Base Slab (formworks, rebar fixing, concreti	10d	20-Aug-15 A	31-Aug-15	0%
MAS1140	Maint. Access Subway Ramp A, Bay B5 - Wall & Roof slab (formworks, rebar fixing, co	14d	01-Sep-15	16-Sep-15	0%
MAS1150	Maint. Access Subway Ramp A, Bay B5 - Removal of formworks	3d	17-Sep-15	19-Sep-15	0%
Bay B4					
MAS1160	Maint. Access Subway Ramp A, Bay B4 - Excavation works, blinding layer	14d	21-Jul-15 A	11-Aug-15 A	100%



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

(September 2015 to November 2015)

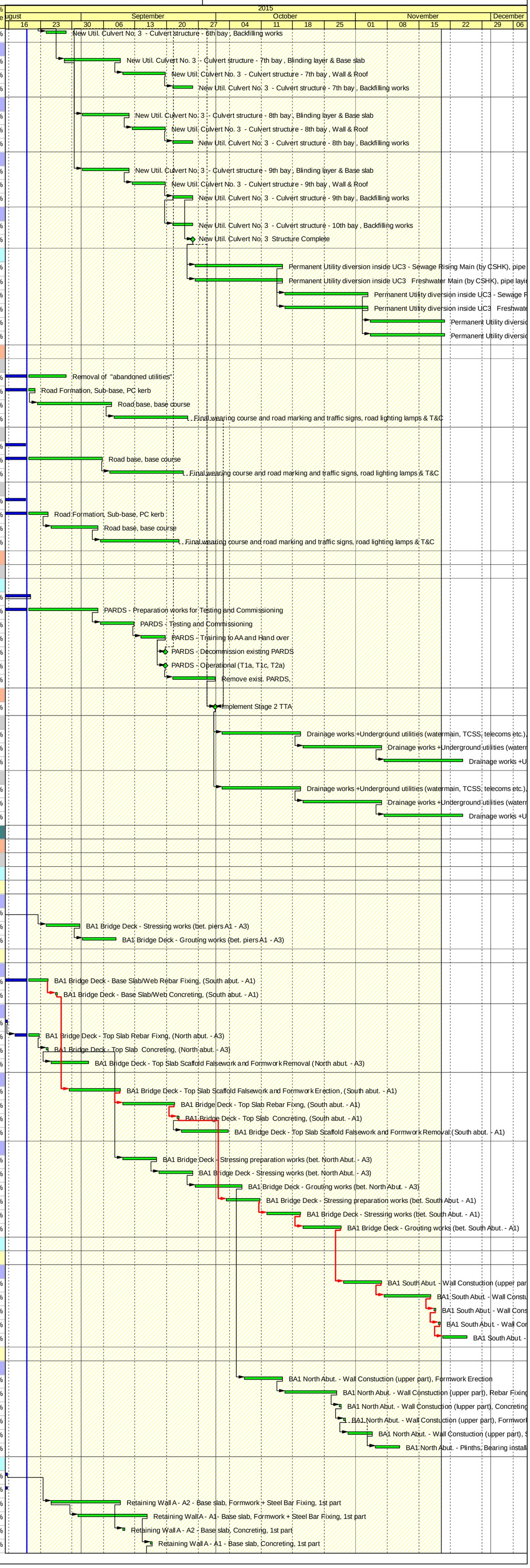
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
MAS1170	Maint. Access Subway Ramp A, Bay B4 - Base Slab (formworks, rebar fixing, concreti	8d	01-Sep-15	09-Sep-15	0%
MAS1180	Maint. Access Subway Ramp A, Bay B4 - Wall & Roof slab (formworks, rebar fixing, cc	14d	10-Sep-15	25-Sep-15	0%
MAS1190	Maint. Access Subway Ramp A, Bay B4 - Removal of formworks	3d	26-Sep-15	30-Sep-15	0%
Bay B3					
MAS1200	Maint. Access Subway Ramp A, Bay B3 - Excavation works, blinding layer	14d	21-Jul-15 A	17-Aug-15 A	100%
MAS1210	Maint. Access Subway Ramp A, Bay B3 - Base Slab (formworks, rebar fixing, concreti	8d	10-Sep-15	18-Sep-15	0%
MAS1220	Maint. Access Subway Ramp A, Bay B3 - Wall & Roof slab (formworks, rebar fixing, cc	14d	19-Sep-15	07-Oct-15	0%
MAS1230	Maint. Access Subway Ramp A, Bay B3 - Removal of formworks	3d	08-Oct-15	10-Oct-15	0%
Bay B2					
MAS1240	Maint. Access Subway Ramp A, Bay B2 - Excavation works, blinding layer	14d	20-Aug-15 A	04-Sep-15	0%
MAS1250	Maint. Access Subway Ramp A, Bay B2 - Base Slab (formworks, rebar fixing, concreti	8d	19-Sep-15	29-Sep-15	0%
MAS1260	Maint. Access Subway Ramp A, Bay B2 - Wall & Roof slab (formworks, rebar fixing, cc	14d	30-Sep-15	16-Oct-15	0%
MAS1270	Maint. Access Subway Ramp A, Bay B2 - Removal of formworks	3d	17-Oct-15	20-Oct-15	0%
Bay B1					
MAS1280	Maint. Access Subway Ramp A, Bay B1 - Excavation works, blinding layer	14d	05-Sep-15	21-Sep-15	0%
MAS1290	Maint. Access Subway Ramp A, Bay B1 - Base Slab (formworks, rebar fixing, concreti	8d	30-Sep-15	09-Oct-15	0%
MAS1300	Maint. Access Subway Ramp A, Bay B1 - Wall & Roof slab (formworks, rebar fixing, cc	14d	10-Oct-15	27-Oct-15	0%
MAS1310	Maint. Access Subway Ramp A, Bay B1 - Removal of formworks	3d	28-Oct-15	30-Oct-15	0%
RAMP A					
Bay A6					
MAS1450	Maint. Access Subway Ramp A, Bay A6 - Excavation works, blinding layer	14d	10-Oct-15	27-Oct-15	0%
MAS1460	Maint. Access Subway Ramp A, Bay A6 - Base Slab (formworks, rebar fixing, concreti	8d	28-Oct-15	05-Nov-15	0%
MAS1470	Maint. Access Subway Ramp A, Bay A6 - Wall & Roof slab (formworks, rebar fixing, cc	14d	06-Nov-15	21-Nov-15	0%
RAMP C&D					
MAS1320	Maint. Access Subway Ramp C & D - Mobilization and preparation for miini pile work	14d	15-Aug-15 A	24-Aug-15	71.43%
MAS1330	Maint. Access Subway Ramp C & D - Mini pile installation works, 14 nos./56 nos.	7d	25-Aug-15	01-Sep-15	0%
MAS1340	Maint. Access Subway Ramp C & D - Mini pile installation works, 28 nos./56 nos.	7d	02-Sep-15	09-Sep-15	0%
MAS1350	Maint. Access Subway Ramp C & D - Mini pile installation works, 43nos./56 nos.	7d	10-Sep-15	17-Sep-15	0%
MAS1360	Maint. Access Subway Ramp C & D - Mini pile installation works, 56 nos./56 nos.	7d	18-Sep-15	25-Sep-15	0%
Bay C6					
MAS1370	Maint. Access Subway Ramp A, Bay C6 - Excavation works, blinding layer	8d	26-Sep-15	07-Oct-15	0%
MAS1380	Maint. Access Subway Ramp A, Bay C6- Base Slab (formworks, rebar fixing, concreti	8d	08-Oct-15	16-Oct-15	0%
MAS1390	Maint. Access Subway Ramp A, Bay C6 - Wall & Roof slab (formworks, rebar fixing, c	14d	17-Oct-15	03-Nov-15	0%
MAS1400	Maint. Access Subway Ramp A, Bay C6 - Removal of formworks	3d	04-Nov-15	06-Nov-15	0%
Bay C5					
MAS1410	Maint. Access Subway Ramp A, Bay C5 - Excavation works, blinding layer	8d	08-Oct-15	16-Oct-15	0%
MAS1420	Maint. Access Subway Ramp A, Bay C5- Base Slab (formworks, rebar fixing, concreti	8d	17-Oct-15	27-Oct-15	0%
MAS1430	Maint. Access Subway Ramp A, Bay C5 - Wall & Roof slab (formworks, rebar fixing, c	14d	28-Oct-15	12-Nov-15	0%
MAS1440	Maint. Access Subway Ramp A, Bay C5 - Removal of formworks	3d	13-Nov-15	16-Nov-15	0%
T001 / T002 ON GRADE ROADWORKS (Works under Section 1]					
Interface w/ HY/2010/02- 16+045 to 16+223.24					
A23730	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, [	15d	10-Aug-15 A	05-Sep-15	30%
A237301	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, S	16d	07-Sep-15	24-Sep-15	0%
A237302	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, S	16d	25-Sep-15	15-Oct-15	0%
A237401	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, S	15d	16-Oct-15	03-Nov-15	0%
A237402	LR SH-HKBCF [north area-Portion C] - Excavation for Pump Sump P/S SPS7, 1st Sta	15d	04-Nov-15	20-Nov-15	0%
NB AIRPORT ROAD WORKS (INCL. BA2) - under Section 2 (Middle to North Area)					
Works in Bridge A2, under Stage 1 TTA, Diversion of NB Airport Rd (Works under Section 2)					
Decking					
Span B5-B6					
BA2.1830-21	Bridge A2 - Stressing Works, span B5-B6	6d	20-Aug-15	26-Aug-15	0%
Span B6-B7					
BA2.1830-32	Bridge A2 - Construct Portal Frame for access @ span B6-B7	15d	05-Aug-15 A	24-Aug-15	70%
BA2.1830-22	Bridge A2 - Construct Bridge deck, span B6-B7 - (Base) Falsework	7d	25-Aug-15	01-Sep-15	0%
BA2.1830-23	Bridge A2 - Construct Bridge deck, span B6-B7 (Base) Formwork	7d	02-Sep-15	09-Sep-15	0%
BA2.1830-24	Bridge A2 - Construct Bridge deck, span B6-B7 (Base) Steel bar + Concreting	7d	10-Sep-15	17-Sep-15	0%
BA2.1830-25	Bridge A2 - Construct Bridge deck, span B6-B7- (Top+Web) Falsework	3d	18-Sep-15	21-Sep-15	0%
BA2.1830-26	Bridge A2 - Construct Bridge deck, span B6-B7 (Top+Web) Formwork	5d	22-Sep-15	26-Sep-15	0%
BA2.1830-27	Bridge A2 - Construct Bridge deck, span B6-B7 (Top+Web) Steel bar + Concreting	5d	24-Sep-15	30-Sep-15	0%
BA2.1830-28	Bridge A2 - Stressing Works, span B6-B7	6d	10-Oct-15	16-Oct-15	0%
Span B7-South Abutment					
BA2.1830-58	Bridge A2 - Construct Bridge deck, spanB7-South Abutment - (Base) Steel bar + Con	7d	31-Jul-15 A	14-Aug-15 A	100%
BA2.1830-68	Bridge A2 - Construct Bridge deck, span B7-South Abutment - (Top+Web) Falsework	3d	15-Aug-15 A	22-Aug-15	50%
BA2.1830-78	Bridge A2 - Construct Bridge deck, spanB7-South Abutment - (Top+Web) Formwork	5d	24-Aug-15	28-Aug-15	0%
BA2.1830-88	Bridge A2 - Construct Bridge deck, span B7-South Abutment - (Top+Web) Steel bar +	5d	29-Aug-15	03-Sep-15	0%
BA2.1830-98	Bridge A2 - Stressing Works, span B7-South Abutment	6d	12-Sep-15	18-Sep-15	0%
Utility Culverts 1, 2 & 3 (Works under Section 2)					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]-1					
RC Works for UC1					
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling & road works on top (by staged TTA)12	12d	05-Nov-14 A	12-Sep-15	78%
UC1.1110	Utility Culvert No. 1 Extension Complete	0d		20-Aug-15	0%
Permanent Utility Diversion inside UC 1					
UC1.1114	Permanent Utility diversion - telecom cable (by others), Stage 1	14d	07-Sep-15	22-Sep-15	0%
UC1.1115	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables(by others)	14d	07-Sep-15	22-Sep-15	0%
UC1.1116	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables complete	0d		22-Sep-15	0%
UC1.1163	Permanent Utility diversion - telecom cable (by others), Stage 2	14d	23-Sep-15	10-Oct-15	0%
UC1.1173	Permanent Utility diversion - telecom cable (by others), Stage 3	14d	12-Oct-15	28-Oct-15	0%
Utility Culvert No. 2 Ext. near Bridge A2 [15m Approx.] (Works under Section 2)					
RC Works for UC2					
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	5d	19-Nov-14 A	31-Aug-15	90%
UC2.1050	Util. Culvert No. 2 Extension Complete	0d		31-Aug-15	0%
Permanent Utility Diversion inside UC2					
UC2.10522	Permanent Utility Diversion - sewer main (by CSHK), Stage 3	15d	07-Aug-15 A	12-Aug-15 A	100%
UC2.10543	Permanent Utility Diversion - fresh water main (by CSHK), Stage 4	15d	08-Aug-15 A	15-Aug-15 A	100%
UC2.10523	Permanent Utility Diversion - sewer main (by CSHK), connection worksStage 4	15d	13-Aug-15 A	05-Sep-15	50%
UC2.1058	Permanent Utility Diversion - TCSS (by others), Stage 1	15d	01-Sep-15	17-Sep-15	0%
UC2.1059	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 1	15d	01-Sep-15	17-Sep-15	0%
UC2.10581	Permanent Utility Diversion - TCSS (by others), Stage 2	15d	18-Sep-15	07-Oct-15	0%
UC2.10591	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2	15d	18-Sep-15	07-Oct-15	0%
UC2.10582	Permanent Utility Diversion - TCSS (by others), Stage 3	15d	08-Oct-15	26-Oct-15	0%
UC2.10592	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2	15d	08-Oct-15	26-Oct-15	0%
UC2.1061	Complete permanent utility diversion of CAD/ATC cables(by others) -30 Nov 2013	0d		26-Oct-15	0%
UC2.10524	Permanent Utility Diversion - TCSS (by others), Stage 4	15d	27-Oct-15	12-Nov-15	0%
Utility Culvert No. 3 and Permanent Utility Diversion for Stage 3 TTA					
RC Works for UC3					
Excavation					
UC3.1222	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 4,050/4,050m3	15d	01-Aug-15 A	31-Aug-15	36%
Culvert Structure					
1st Bay (L=13m)					
UC3.1324	New Util. Culvert No. 3 - Culvert structure - 1st bay, Backfilling works	5d	01-Sep-15	05-Sep-15	0%
2nd Bay (L=23m)					
UC3.1327	New Util. Culvert No. 3 - Culvert structure - 2nd bay, Backfilling works	5d	07-Jul-15 A	31-Aug-15	30%
3rd Bay (L=24m)					
UC3.1424	New Util. Culvert No. 3 - Culvert structure - 3rd bay , Backfilling works	5d	07-Jul-15 A	31-Aug-15	30%
4th Bay (L=12m)					
UC3.1427	New Util. Culvert No. 3 - Culvert structure - 4th bay , Backfilling works	5d	07-Sep-15	11-Sep-15	0%
5th Bay (L=15m)					
UC3.1524	New Util. Culvert No. 3 - Culvert structure - 5th bay , Backfilling works	5d	12-Sep-15	17-Sep-15	0%
6th Bay (L=13m)					
UC3.1525	New Util. Culvert No. 3 - Culvert structure - 6th bay , Blinding layer & Base slab	12d	01-Aug-15 A	12-Aug-15 A	100%
UC3.1526	New Util. Culvert No. 3 - Culvert structure - 6th bay , Wall & Roof	15d	13-Aug-15 A	22-Aug-15	80%



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

(September 2015 to November 2015)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
UC3.1527	New Util. Culvert No. 3 - Culvert structure - 6th bay , Backfilling works	5d	24-Aug-15	28-Aug-15	0%
7th Bay (L= 9m)					
UC3.1528	New Util. Culvert No. 3 - Culvert structure - 7th bay , Blinding layer & Base slab	11d	28-Aug-15	09-Sep-15	0%
UC3.1529	New Util. Culvert No. 3 - Culvert structure - 7th bay , Wall & Roof	9d	10-Sep-15	19-Sep-15	0%
UC3.1530	New Util. Culvert No. 3 - Culvert structure - 7th bay , Backfilling works	5d	21-Sep-15	25-Sep-15	0%
8th Bay (L= 4m)					
UC3.1531	New Util. Culvert No. 3 - Culvert structure - 8th bay , Blinding layer & Base slab	10d	01-Sep-15	11-Sep-15	0%
UC3.1532	New Util. Culvert No. 3 - Culvert structure - 8th bay , Wall & Roof	7d	12-Sep-15	19-Sep-15	0%
UC3.1533	New Util. Culvert No. 3 - Culvert structure - 8th bay , Backfilling works	5d	21-Sep-15	25-Sep-15	0%
9th Bay (L=5m)					
UC3.1544	New Util. Culvert No. 3 - Culvert structure - 9th bay , Blinding layer & Base slab	10d	01-Sep-15	11-Sep-15	0%
UC3.1554	New Util. Culvert No. 3 - Culvert structure - 9th bay , Wall & Roof	7d	12-Sep-15	19-Sep-15	0%
UC3.1564	New Util. Culvert No. 3 - Culvert structure - 9th bay , Backfilling works	5d	21-Sep-15	25-Sep-15	0%
10th Bay (L=12m)					
UC3.1562	New Util. Culvert No. 3 - Culvert structure - 10th bay , Backfilling works	5d	21-Sep-15	25-Sep-15	0%
UC3.1534	New Util. Culvert No. 3 Structure Complete	0d		25-Sep-15	0%
Permanent Utilities Diversion inside UC3					
A2680-1	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), pipe laying - Stage 1	15d	26-Sep-15	15-Oct-15	0%
A2690-1	Permanent Utility diversion inside UC3 Freshwater Main (by CSHK), pipe laying - St	15d	26-Sep-15	15-Oct-15	0%
A2680-2	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), pipe laying	15d	16-Oct-15	03-Nov-15	0%
A2690-2	Permanent Utility diversion inside UC3 Freshwater Main (by CSHK), pipe laying - St	15d	16-Oct-15	03-Nov-15	0%
A2680-3	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), pipe laying	15d	04-Nov-15	20-Nov-15	0%
A2690-3	Permanent Utility diversion inside UC3 Freshwater Main (by CSHK), pipe laying - St	15d	04-Nov-15	20-Nov-15	0%
Roadworks - to be constructed under Stage 1 TTA					
M002 Ch 0+250 to Ch 0+479, L=229m					
A2740	Removal of "abandoned utilities"	12d	22-Jun-15 A	28-Aug-15	90%
A2750-1	Road Formation, Sub-base, PC kerb	10d	31-Jul-15 A	21-Aug-15	90%
A2750-2	Road base, base course	14d	22-Aug-15	07-Sep-15	0%
A2760	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	15d	08-Sep-15	24-Sep-15	0%
M001 Ch 0+100 to Ch 0+550, L=450m					
A2780	Removal of "abandoned utilities"	12d	22-Jun-15 A	19-Aug-15 A	100%
A2790-2	Road base, base course	10d	10-Aug-15 A	05-Sep-15	0%
A2800	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	15d	07-Sep-15	23-Sep-15	0%
Temporary Slip Road (going to NB Airport Rd to T1 & T2)					
A2820	Removal of "abandoned utilities"	9d	14-Jul-15 A	19-Aug-15 A	100%
A2820-1	Road Formation, Sub-base, PC kerb	10d	31-Jul-15 A	24-Aug-15	90%
A2820-2	Road base, base course	10d	25-Aug-15	04-Sep-15	0%
A2840	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	15d	05-Sep-15	22-Sep-15	0%
Billboards and PARDS - Reprovisioning Works					
Flight Information Signs (PARDS)- Reprovisioning Works					
PARDS - Construction T1a, T1c, T2a					
PARDS110-1	PARDS - Equipment installation (T1c)	18d	28-May-15 A	20-Aug-15 A	100%
PARDS119	PARDS - Preparation works for Testing and Commissioning	14d	31-Jul-15 A	04-Sep-15	15%
PARDS120	PARDS - Testing and Commissioning	7d	05-Sep-15	12-Sep-15	0%
PARDS121	PARDS - Training to AA and Hand over	6d	14-Sep-15	19-Sep-15	0%
PARDS140	PARDS - Decommission existing PARDS	0d		19-Sep-15	0%
PARDS130	PARDS - Operational (T1a, T1c, T2a)	0d		19-Sep-15	0%
A3240	Remove exist. PARDS,	8d	21-Sep-15	30-Sep-15	0%
Roadworks to be constructed under Stage 2 TTA					
A2850	Implement Stage 2 TTA	0d		30-Sep-15	0%
M003 Ch 0+400 to 0+800 (Permanent), L=400m					
A2860-1	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 1	15d	02-Oct-15	19-Oct-15	0%
A2860-2	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 2	15d	20-Oct-15	06-Nov-15	0%
A2860-3	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 3	15d	07-Nov-15	24-Nov-15	0%
M004 (from BA2) Ch 0+600 to 0+730 (Permanent), L=130m					
A3360	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 1	15d	02-Oct-15	19-Oct-15	0%
A3370	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 2	15d	20-Oct-15	06-Nov-15	0%
A3460	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), Stage 3	15d	07-Nov-15	24-Nov-15	0%
EAST COAST ROAD WORKS (INCL. BA1 & DEP. RD.) - under Section 2 (Middle to North Area)					
Works to be constructed under Stage 1 TTA (divert traffic to existing ECR NB RD/ Future M008)					
Works in Bridge A1 & Depressed Road					
Bridge A1 - Bridge Deck Construction (Stage 2 & Stage 3)					
Stage 2					
Stressing & Grouting Works (between Piers A1&A2, Piers A2& A3)					
BA1.1370	BA1 Bridge Deck - Stressing preparation works including friction test (bet. piers A1 - A	7d	05-Aug-15 A	10-Aug-15 A	100%
BA1.1380	BA1 Bridge Deck - Stressing works (bet. piers A1 - A3)	7d	24-Aug-15	31-Aug-15	0%
BA1.1390	BA1 Bridge Deck - Grouting works (bet. piers A1 - A3)	7d	01-Sep-15	08-Sep-15	0%
Stage 3					
Base Slab and Web between South Abutment and Pier A1					
BA1.1260-43	BA1 Bridge Deck - Base Slab/Web Rebar Fixing, (South abut. - A1)	12d	20-Jul-15 A	24-Aug-15	70%
BA1.1260-44	BA1 Bridge Deck - Base Slab/Web Concreting, (South abut. - A1)	1d	26-Aug-15	26-Aug-15	0%
Top Slab between North Abutment and Pier A3					
BA1.1260-22	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Erection, (North abut.	10d	08-Aug-15 A	15-Aug-15 A	100%
BA1.1260-23	BA1 Bridge Deck - Top Slab Rebar Fixng, (North abut. - A3)	10d	17-Aug-15 A	22-Aug-15	85%
BA1.1260-24	BA1 Bridge Deck - Top Slab Concreting, (North abut. - A3)	1d	24-Aug-15	24-Aug-15	0%
BA1.1260-25	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Removal (North abut.	8d	25-Aug-15	02-Sep-15	0%
Top Slab between South Abutment and Pier A1					
BA1.1260-45	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Erection, (South abut.	10d	29-Aug-15	09-Sep-15	0%
BA1.1260-46	BA1 Bridge Deck - Top Slab Rebar Fixng, (South abut. - A1)	10d	10-Sep-15	21-Sep-15	0%
BA1.1260-47	BA1 Bridge Deck - Top Slab Concreting, (South abut. - A1)	1d	22-Sep-15	22-Sep-15	0%
BA1.1260-48	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Removal (South abut.	8d	23-Sep-15	03-Oct-15	0%
Stressing Works (between North Abutment & Pier A3, South Abutment & pier A1)					
BA1.1260-58	BA1 Bridge Deck - Stressing preparation works (bet. North Abut. - A3)	7d	10-Sep-15	17-Sep-15	0%
BA1.1260-68	BA1 Bridge Deck - Stressing works (bet. North Abut. - A3)	7d	18-Sep-15	25-Sep-15	0%
BA1.1260-78	BA1 Bridge Deck - Grouting works (bet. North Abut. - A3)	7d	26-Sep-15	06-Oct-15	0%
BA1.1260-88	BA1 Bridge Deck - Stressing preparation works (bet. South Abut. - A1)	7d	03-Oct-15	10-Oct-15	0%
BA1.1260-98	BA1 Bridge Deck - Stressing works (bet. South Abut. - A1)	7d	12-Oct-15	19-Oct-15	0%
BA1.1260-108	BA1 Bridge Deck - Grouting works (bet. South Abut. - A1)	7d	20-Oct-15	28-Oct-15	0%
Bridge A1 - Abutment Construction					
South Abutment					
Wall Construction (Upper Part)					
BA1.1020-6	BA1 South Abut. - Wall Constuction (upper part), Formwork Erection	8d	29-Oct-15	06-Nov-15	0%
BA1.1020-7	BA1 South Abut. - Wall Constuction (upper part), Rebar Fixing	9d	07-Nov-15	17-Nov-15	0%
BA1.1020-8	BA1 South Abut. - Wall Constuction (lupper part), Concreting	1d	18-Nov-15	18-Nov-15	0%
BA1.1020-9	BA1 South Abut. - Wall Constuction (upper part), Formwork Removal	1d	19-Nov-15	19-Nov-15	0%
BA1.1020-10	BA1 South Abut. - Wall Constuction (upper part), Scaffold Removal	5d	20-Nov-15	25-Nov-15	0%
North Abutment					
Wall Construction (Upper Part)					
BA1.1020-16	BA1 North Abut. - Wall Constuction (upper part), Formwork Erection	8d	07-Oct-15	15-Oct-15	0%
BA1.1020-17	BA1 North Abut. - Wall Constuction (upper part), Rebar Fixing	9d	16-Oct-15	27-Oct-15	0%
BA1.1020-18	BA1 North Abut. - Wall Constuction (lupper part), Concreting	1d	28-Oct-15	28-Oct-15	0%
BA1.1020-19	BA1 North Abut. - Wall Constuction (upper part), Formwork Removal	1d	29-Oct-15	29-Oct-15	0%
BA1.1020-20	BA1 North Abut. - Wall Constuction (upper part), Scaffold Removal	5d	30-Oct-15	04-Nov-15	0%
BA1.1020-40	BA1 North Abut. - Plinths, Bearing installation	5d	05-Nov-15	10-Nov-15	0%
Retaining Wall A(Bay 1 to Bay 3 - base slab)					
BA1.1022-13	Retaining Wall A - A2 - Excavation, blinding layer	15d	08-Aug-15 A	15-Aug-15 A	100%
BA1.1022-16	Retaining Wall A - A1 - Excavation, blinding layer	15d	08-Aug-15 A	15-Aug-15 A	100%
BA1.1022-14	Retaining Wall A - A2 - Base slab, Formwork + Steel Bar Fixing, 1st part	14d	25-Aug-15	09-Sep-15	0%
BA1.1022-17	Retaining Wall A - A1- Base slab, Formwork + Steel Bar Fixing, 1st part	14d	31-Aug-15	15-Sep-15	0%
BA1.1022-15	Retaining Wall A - A2 - Base slab, Concreting, 1st part	1d	10-Sep-15	10-Sep-15	0%
BA1.1023-18	Retaining Wall A - A1 - Base slab, Concreting, 1st part	1d	16-Sep-15	16-Sep-15	0%



FILE: 3M40 (Rev.00)

Sheet 11 of 11

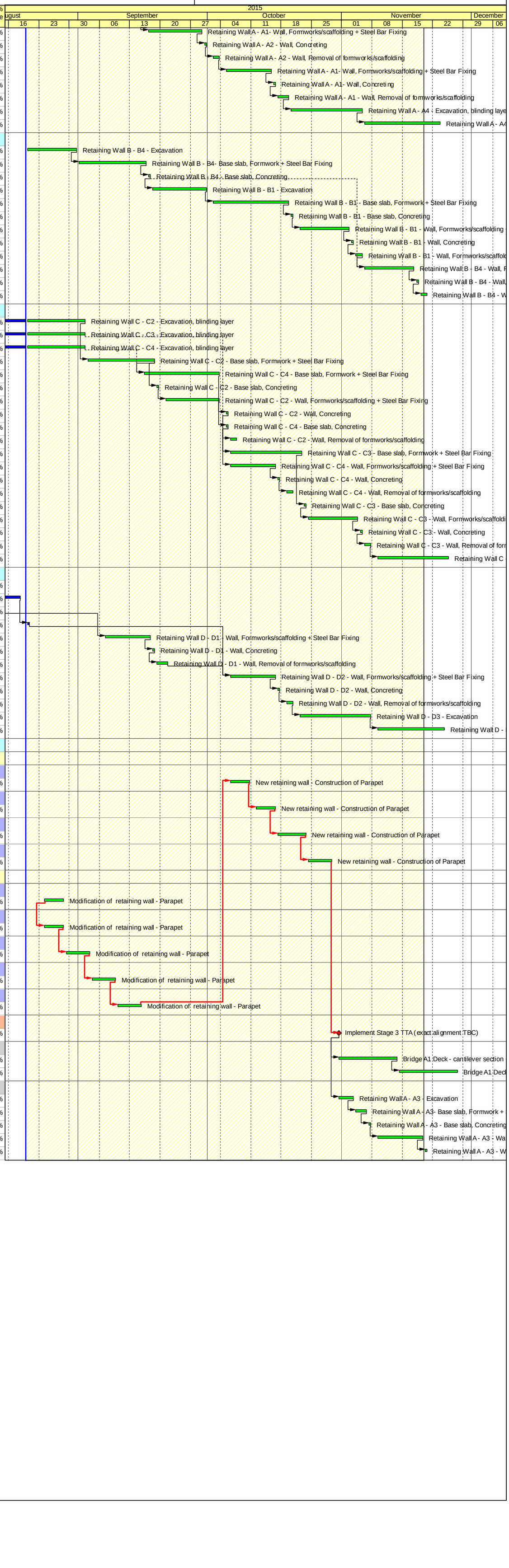
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2015 to November 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M40)

TASK filters: 3M40, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
BA1.1022-151	Retaining Wall A - A1- Wall, Formworks/scaffolding + Steel Bar Fixing	10d	17-Sep-15	29-Sep-15	0%
BA1.1022-152	Retaining Wall A - A2 - Wall, Concreting	1d	30-Sep-15	30-Sep-15	0%
BA1.1022-153	Retaining Wall A - A2 - Wall, Removal of formworks/scaffolding	2d	02-Oct-15	03-Oct-15	0%
BA1.1023-181	Retaining Wall A - A1- Wall, Formworks/scaffolding + Steel Bar Fixing	10d	05-Oct-15	15-Oct-15	0%
BA1.1023-182	Retaining Wall A - A1- Wall, Concreting	1d	16-Oct-15	16-Oct-15	0%
BA1.1023-183	Retaining Wall A - A1 - Wall, Removal of formworks/scaffolding	2d	17-Oct-15	19-Oct-15	0%
BA1.1024-1	Retaining Wall A - A4 - Excavation, blinding layer	14d	20-Oct-15	05-Nov-15	0%
BA1.1024-2	Retaining Wall A - A4 - Base slab, Formwork + Steel Bar Fixing, 1st part	15d	06-Nov-15	23-Nov-15	0%
Retaining Wall B(Bay 1 to Bay 3))					
BA1.1020-56	Retaining Wall B - B4 - Excavation	10d	20-Aug-15	31-Aug-15	0%
BA1.1020-57	Retaining Wall B - B4- Base slab, Formwork + Steel Bar Fixing	14d	01-Sep-15	16-Sep-15	0%
BA1.1020-58	Retaining Wall B - B4 - Base slab, Concreting	1d	17-Sep-15	17-Sep-15	0%
BA1.1020-59	Retaining Wall B - B1 - Excavation	10d	18-Sep-15	30-Sep-15	0%
BA1.1020-60	Retaining Wall B - B1 - Base slab, Formwork + Steel Bar Fixing	15d	02-Oct-15	19-Oct-15	0%
BA1.1020-61	Retaining Wall B - B1 - Base slab, Concreting	1d	20-Oct-15	20-Oct-15	0%
BA1.1020-611	Retaining Wall B - B1 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	22-Oct-15	02-Nov-15	0%
BA1.1020-612	Retaining Wall B - B1 - Wall, Concreting	1d	03-Nov-15	03-Nov-15	0%
BA1.1020-613	Retaining Wall B - B1 - Wall, Formworks/scaffolding + Steel Bar Fixing	2d	04-Nov-15	05-Nov-15	0%
BA1.1020-581	Retaining Wall B - B4 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	06-Nov-15	17-Nov-15	0%
BA1.1020-582	Retaining Wall B - B4 - Wall, Concreting	1d	18-Nov-15	18-Nov-15	0%
BA1.1020-583	Retaining Wall B - B4 - Wall, Removal of formworks/scaffolding	2d	19-Nov-15	20-Nov-15	0%
Retaining Wall C(Bay 1 to Bay 3)					
BA1.1022-20	Retaining Wall C - C2 - Excavation, blinding layer	15d	04-Aug-15 A	02-Sep-15	65%
BA1.1022-30	Retaining Wall C - C3 - Excavation, blinding layer	15d	04-Aug-15 A	02-Sep-15	65%
BA1.1022-40	Retaining Wall C - C4 - Excavation, blinding layer	15d	04-Aug-15 A	02-Sep-15	65%
BA1.1022-21	Retaining Wall C - C2 - Base slab, Formwork + Steel Bar Fixing	14d	03-Sep-15	18-Sep-15	0%
BA1.1022-41	Retaining Wall C - C4 - Base slab, Formwork + Steel Bar Fixing	14d	16-Sep-15	03-Oct-15	0%
BA1.1022-22	Retaining Wall C - C2 - Base slab, Concreting	1d	19-Sep-15	19-Sep-15	0%
BA1.1022-23	Retaining Wall C - C2 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	21-Sep-15	03-Oct-15	0%
BA1.1022-24	Retaining Wall C - C2 - Wall, Concreting	1d	05-Oct-15	05-Oct-15	0%
BA1.1022-42	Retaining Wall C - C4 - Base slab, Concreting	1d	05-Oct-15	05-Oct-15	0%
BA1.1022-25	Retaining Wall C - C2 - Wall, Removal of formworks/scaffolding	2d	06-Oct-15	07-Oct-15	0%
BA1.1022-31	Retaining Wall C - C3 - Base slab, Formwork + Steel Bar Fixing	14d	06-Oct-15	22-Oct-15	0%
BA1.1022-43	Retaining Wall C - C4 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	06-Oct-15	16-Oct-15	0%
BA1.1022-44	Retaining Wall C - C4 - Wall, Concreting	1d	17-Oct-15	17-Oct-15	0%
BA1.1022-45	Retaining Wall C - C4 - Wall, Removal of formworks/scaffolding	2d	19-Oct-15	20-Oct-15	0%
BA1.1022-32	Retaining Wall C - C3 - Base slab, Concreting	1d	23-Oct-15	23-Oct-15	0%
BA1.1022-33	Retaining Wall C - C3 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	24-Oct-15	04-Nov-15	0%
BA1.1022-34	Retaining Wall C - C3 - Wall, Concreting	1d	05-Nov-15	05-Nov-15	0%
BA1.1022-35	Retaining Wall C - C3 - Wall, Removal of formworks/scaffolding	2d	06-Nov-15	07-Nov-15	0%
BA1.1022-1	Retaining Wall C - C1 - Backfilling works to formation	15d	09-Nov-15	25-Nov-15	0%
Retaining Wall D(Bay 1 to Bay 3))					
BA1.1021-11	Retaining Wall D - D1 - Base slab, Formwork + Steel Bar Fixing	14d	01-Aug-15 A	12-Aug-15 A	100%
BA1.1021-14	Retaining Wall D - D2 - Base slab, Formwork + Steel Bar Fixing	14d	08-Aug-15 A	18-Aug-15 A	100%
BA1.1021-12	Retaining Wall D - D1 - Base slab, Concreting	1d	13-Aug-15 A	13-Aug-15 A	100%
BA1.1021-15	Retaining Wall D - D2 - Base slab, Concreting	1d	20-Aug-15 A	20-Aug-15 A	100%
BA1.1021-121	Retaining Wall D - D1 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	07-Sep-15	17-Sep-15	0%
BA1.1021-122	Retaining Wall D - D1 - Wall, Concreting	1d	18-Sep-15	18-Sep-15	0%
BA1.1021-123	Retaining Wall D - D1 - Wall, Removal of formworks/scaffolding	2d	19-Sep-15	21-Sep-15	0%
BA1.1021-151	Retaining Wall D - D2 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	06-Oct-15	16-Oct-15	0%
BA1.1021-152	Retaining Wall D - D2 - Wall, Concreting	1d	17-Oct-15	17-Oct-15	0%
BA1.1021-153	Retaining Wall D - D2 - Wall, Removal of formworks/scaffolding	2d	19-Oct-15	20-Oct-15	0%
BA1.1021-16	Retaining Wall D - D3 - Excavation	15d	22-Oct-15	07-Nov-15	0%
BA1.1020-21	Retaining Wall D - D3 -Base slab, Formwork + Steel Bar Fixing	14d	09-Nov-15	24-Nov-15	0%
Modification of Retaining Wall (at South of Tung Fai Road)					
Construction of New Retaining Wall (PART A)					
Bay 6					
RW1480	New retaining wall - Construction of Parapet	5d	06-Oct-15	10-Oct-15	0%
Bay 7					
RW1490	New retaining wall - Construction of Parapet	5d	12-Oct-15	16-Oct-15	0%
Bay 8					
RW1500	New retaining wall - Construction of Parapet	5d	17-Oct-15	23-Oct-15	0%
Bay 9					
RW1510	New retaining wall - Construction of Parapet	5d	24-Oct-15	29-Oct-15	0%
Modification of Retaining Wall (Part B & C)					
Bay 1					
RW1430	Modification of retaining wall - Parapet	5d	24-Aug-15	28-Aug-15	0%
Bay 2					
RW1440	Modification of retaining wall - Parapet	5d	24-Aug-15	28-Aug-15	0%
Bay 3					
RW1450	Modification of retaining wall - Parapet	5d	29-Aug-15	03-Sep-15	0%
Bay 4					
RW1470	Modification of retaining wall - Parapet	5d	04-Sep-15	09-Sep-15	0%
Bay 5					
RW1460	Modification of retaining wall - Parapet	5d	10-Sep-15	15-Sep-15	0%
Works to be constructed under Stage 3 TTA (divert traffic to BA1 & ex.ECR SB RD/ Future M009)					
A4350	Implement Stage 3 TTA (exact alignment TBC)	0d		31-Oct-15*	0%
BA1 - Cantilever Slab Area					
A3620	Bridge A1 Deck - cantilever section + parapet	12d	31-Oct-15	13-Nov-15	0%
A3570	Bridge A1 Deck - cantilever section + parapet, 1st half	12d	14-Nov-15	27-Nov-15	0%
Retaining Wall A					
BA1.1022-133	Retaining Wall A - A3 - Excavation	3d	31-Oct-15	03-Nov-15	0%
BA1.1022-143	Retaining Wall A - A3- Base slab, Formwork + Steel Bar Fixing, 2nd part	3d	04-Nov-15	06-Nov-15	0%
BA1.1022-163	Retaining Wall A - A3 - Base slab, Concreting, 2nd part	1d	07-Nov-15	07-Nov-15	0%
BA1.1022-121	Retaining Wall A - A3 - Wall, Formworks/scaffolding + Steel Bar Fixing	10d	09-Nov-15	19-Nov-15	0%
BA1.1022-122	Retaining Wall A - A3 - Wall, Concreting	1d	20-Nov-15	20-Nov-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

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

LEGEND

SITE BOUNDARY

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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

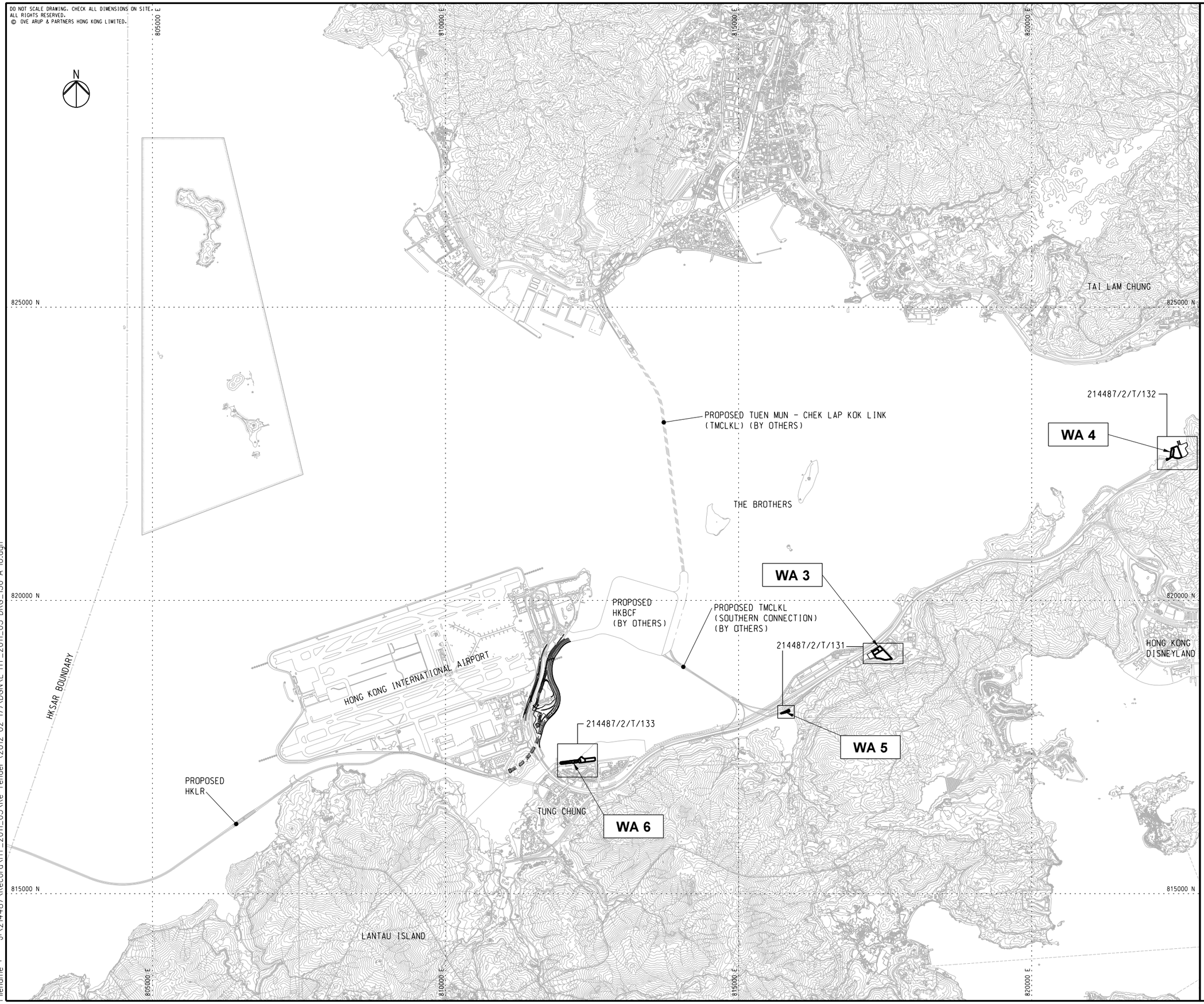
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NOTES

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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

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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

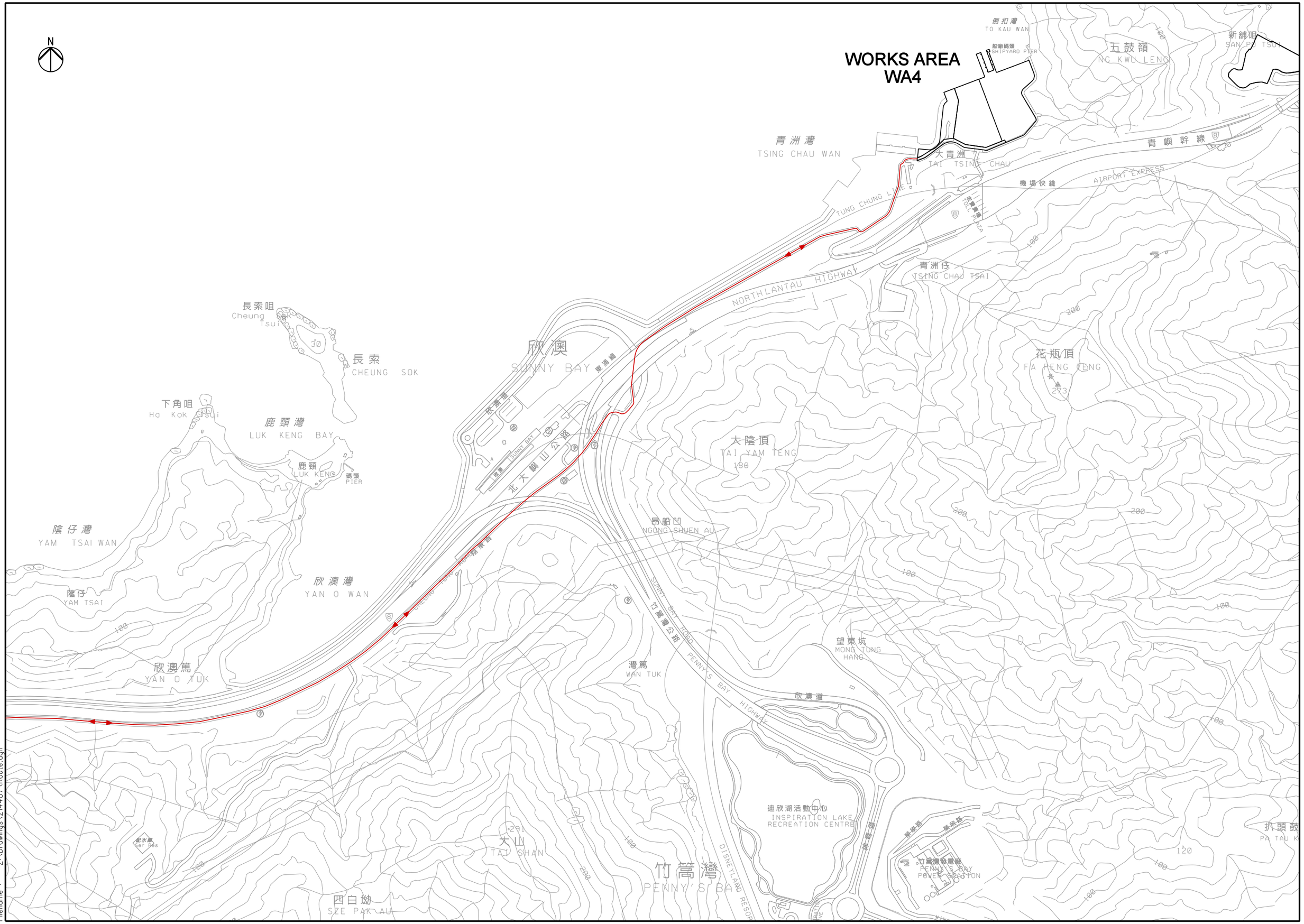
煤氣調壓及檢管站

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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

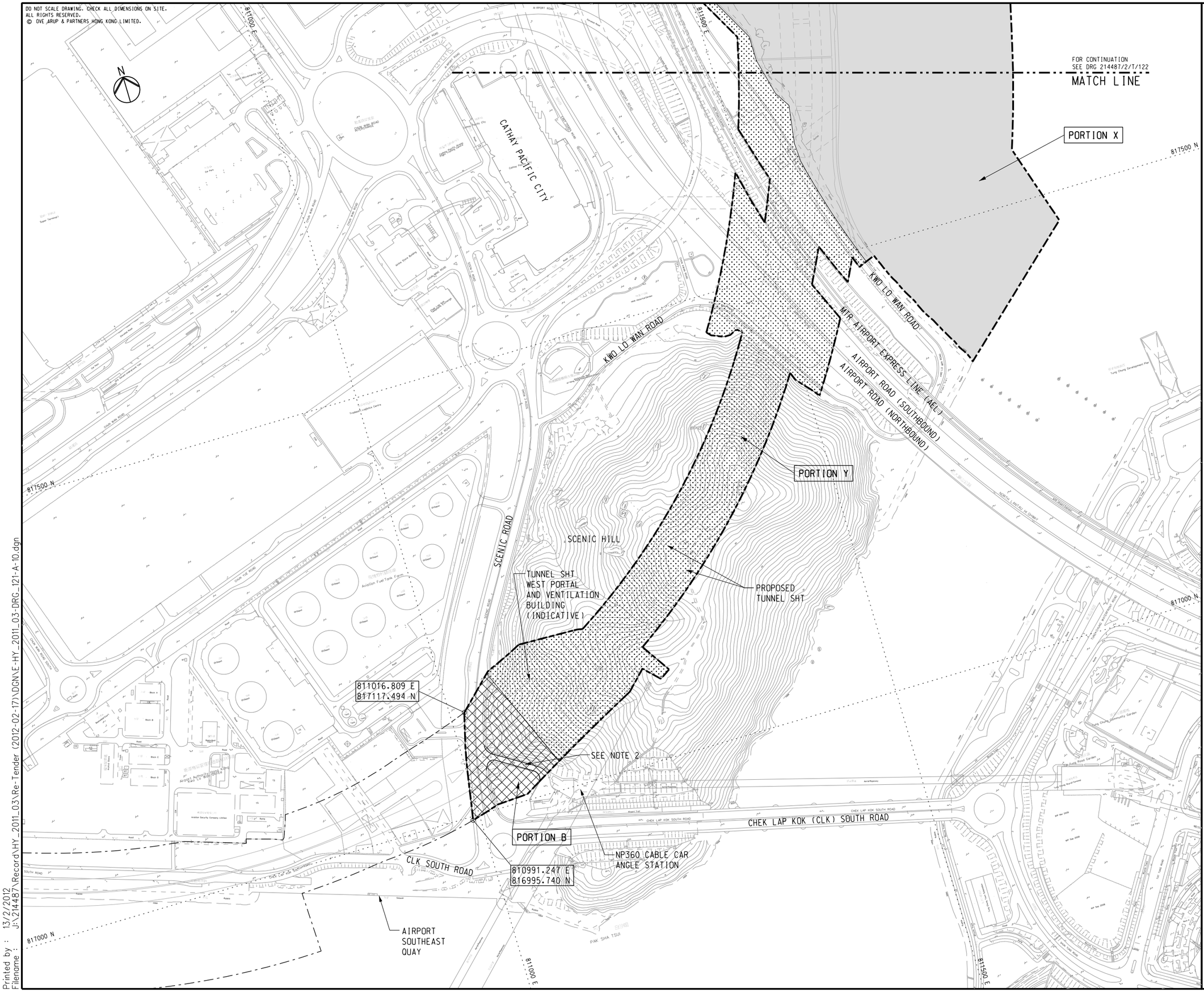
悅灣軒
Carmel Cove

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

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Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

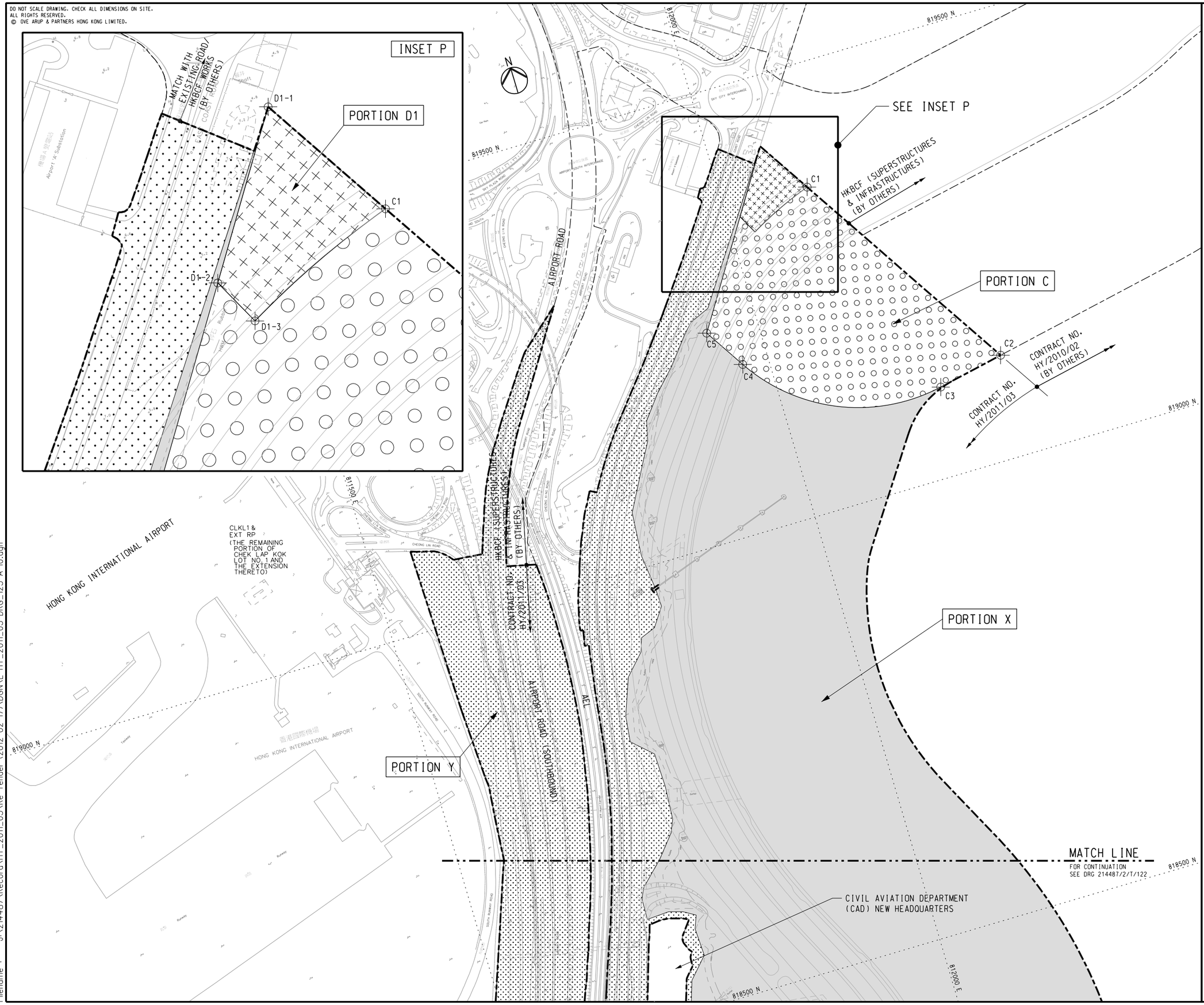
Drawing no.			Rev.
214487/2/T/122			A
Drawn	Date	Checked	Approved
RY	02/12	IL	SK
Scale		Status	
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NOTES

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
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Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

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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

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Air Quality							
S5.5.6.1	A1	1) The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	Partially implemented
S5.5.6.2	A2	2) Proper watering of exposed spoil should be undertaken throughout the construction phase: • Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; • Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; • A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. • The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; • Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	Partially implemented
S5.5.6.2	A2	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√

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

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

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

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

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

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

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

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

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

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		into the drainage system, and to prevent storm run-off from getting into foul sewers; •discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.					
S9.14	W3	•Implement a water quality monitoring programme	Control water quality	Contractor	At identified monitoring	During construction	√
Ecology (Construction Phase)							
S10.7	E1	•Good site practices to avoid runoff entering woodland habitats in Scenic Hill; •Reinstate works areas in Scenic Hill; •Avoid stream modification in Scenic Hill.	Avoid potential disturbance on habitat of Romer.s Tree Frog in Scenic Hill	Designer; Contractor	Scenic Hill	During construction	√
S10.7	E2	•Install silt curtain during the construction; •Construct seawall prior to reclamation filling where practicable; •Good site practices; •Site runoff control; •Spill response plan.	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S10.7	E4	•Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater.	Prevent Sedimentation from Land-based works areas	Contractor	Land-based works areas	During construction	√
S10.7	E5	•Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time	Prevent disturbance to terrestrial fauna and habitats	Contractor	Land-based works areas	During construction	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S10.7	E6	•Dolphin Exclusion Zone; •Dolphin watching plan .	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E7	•Decouple compressors and other equipment on working vessels; • Avoidance of percussive piling; •Marine underwater noise monitoring; •Temporal suspension of drilling bored pile casing in rock during peak dolphin calving season in May and June; •Handling with care for the installation of sheet piling for reclamation site	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E8	•Control vessel speed; •Skipper training; •Predefined and regular routes for working vessels; avoid Brothers Islands.	Minimise marine traffic disturbance on dolphins	Contractor	Marine traffic	During marine works	√
S10.10	E9	•Dolphin vessel monitoring; • Mudflat ecological monitoring.	Minimise marine traffic disturbance on dolphins	Contractor	North Lantau and West Lantau	Prior to construction, during construction, and 1 year after operation	√
Ecology (Operation Phase)							
S10.7	E10	•Preconstruction dive survey for corals	Minimise impacts on marine ecology	Contractor	The marine pier sites nearest to intertidal zone and along the shore of the HKLR eclamation site	Prior to marine construction works in these locations	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Fisheries							
S11.7	F2	•Reduce re-suspension of sediments •Good site practices •Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S11.7	F3	•Install silt-grease trap in the drainage system collecting surface runoff	Minimise impacts on marine water quality impacts	Designer	Reclamation area	During construction	√
S11.7	F4	•Maritime Oil Spill Response Plan (MOSRP); •Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation stage	√
Landscape & Visual (Detailed Design Phase)							
S14.3.3.1	LV1	General design measures include: •Roadside planting and planting along the edge of the reclamation is proposed; •Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; •Protection measures for the trees to be retained during construction activities; •Optimizing the sizes and spacing of the bridge columns; •Fine-tuning the location of the bridge columns to avoid visually sensitive locations; •Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on; Considering the decorative urban design elements for HKLR, e.g. decorative road lightings;	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		• Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; • Providing planting area around peripheral of HKLR for tree planting screening effect.					
S14.3.3.1	LV1	• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and • reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment (refer to Figure 14.4.3).	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	
Landscape & Visual (Construction Phase)							
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts G1. Grass-hydroseed bare soil surface and stock pile areas. G2. Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic. G3. For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment. G4. Vegetation reinstatement and upgrading to disturbed areas.	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		G5. Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed. G6. Provide planting area around peripheral of and within HKLR for tree screening buffer effect. G7. Plant salt tolerant native tree and shrubs etc along the planterstrip at affected seawall. G8. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt .natural-look. by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance .natural-look. of the new coastline (see Figure 14.4.2 for example).					
S14.3.3.3	LV3	Mitigate Visual Impacts V1.Minimize time for construction activities during construction period. V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.					√
EM&A							
S15.5-S15.6	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	Contractor	All construction sites	Construction stage	√

APPENDIX 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 2, 9, 16, 25 and 30 September 2015, 7, 14, 22 and 30 October 2015 and 4, 11, 18 and 27 November 2015.
Particular observations during the site inspections are described below.

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
22 Jul 2015	1. The alignment of silt curtains did not follow the design plan at Portion X. 2. A gap was observed between sections of silt curtains at Portion X.	1. The silt curtains were realigned to follow the design plan. 2. The gap was filled up by additional silt curtains.	2 Sep 2015
5 Aug 2015	1. Dry dusty material was found on the ground after the loading/unloading activity at S7. 2. A stockpile of dry crushed stones was found at S7.	1. The dry dusty material was cleaned up by the Contractor. 2. Water spraying was provided for the stockpile of dry crushed stone.	2 Sep 2015
12 Aug 2015	1. No drip tray was provided for chemical containers at S15.	1. A drip tray was provided for the chemical containers.	2 Sep 2015
19 Aug 2015	1. The silt curtain which should be placed around the aeronautical light was broken at Portion X.	1. The broken silt curtain around the aeronautical light at Portion X was replaced.	2 Sep 2015
28 Aug 2015	1. The rubbish bin at access road of WA6 was full. 2. A drip tray was not provided to the chemical containers inside West Tunnel. 3. A drip tray was not provided for the chemical containers under the bridge at West Tunnel site.	1. The rubbish was removed. 2. The chemical containers were removed. 3. The chemical containers were removed.	2 Sep 2015
2 Sep 2015	1. The container for collecting general wastes was full and rubbish was placed next to the container at S15.	1. The rubbish was removed by the Contractor.	9 Sep 2015
	2. The alignment of the silt curtain did not follow the design plan at Portion X.	2. The silt curtains were realigned to follow the design plan at Portion X.	30 Oct 2015
	3. Muddy water was leaked from the wheel washing bay to the sea at S7. 4. Stagnant water was accumulated inside an I-beam at N4. 5. Stagnant water was observed inside a drip tray at N4. 6. Many emptied cement bags were placed on the ground at S11. 7. Stagnant water was found inside an abandon wheel washing bay at N20.	3. The muddy water discharge was stopped by diverting the wastewater to a sump pit. 4. The stagnant water was cleaned up by the Contractor. 5. The stagnant water inside the drip tray was cleaned up. 6. The emptied cement bags were removed. 7. The stagnant water was cleaned up inside the abandon wheel washing bay.	9 Sep2015

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
9 Sep 2015	1. Rubbish was accumulated on the ground at N1. 2. There were not enough sand bags to be placed along the boundary of dusty materials at N1. 3. Sand bags placed along the road were broken at N20. 4. A container for general refuse was full and rubbish was placed next to the container at S15. 5. A wastewater treatment plant was not used at S25. 6. Surface runoff was not directed to a wastewater treatment system at N1. 7. Stagnant water was observed inside an abandon wheel washing bay at N20.	1. The rubbish was removed by contractor. 2. Additional sand bags were placed along the boundary of the dusty materials. 3. The broken sand bags were removed and new sand bags were placed along the road. 4. The rubbish was removed by the Contractor. 5. After the site inspection, the Contractor pump the wastewater to wastewater treatment plant for treatment prior to discharge. 6. The surface runoff was pumped to a wastewater treatment system for treatment after the site inspection. 7. The stagnant water inside the abandon wheel washing bay was cleaned up.	16 Sep 2015
16 Sep 2015	1. No sand bags were placed around the storage area for aggregate / clay at vessel Shun Tat 82. 2. Rubbish was found near seaside at S7. 3. Muddy surface runoff was observed at S7. 4. A drilling machine was partly covered and fugitive dust was observed at S15. 5. No labour was provided for a wheel washing facility at WA4 to wash wheels of vehicles leaving the site. 6. A rubbish bin at WA6 was full. 7. Holes of water barriers were not sealed at WA6.	1. Sand bags were placed the around the storage area for aggregate / clay. 2. The rubbish was removed. 3. The muddy water runoff was stopped by the Contractor. 4. A proper cover was provided to the drilling machines at S15. 5. A labour was provided to wash wheels of vehicles at WA4. 6. The rubbish was removed. 7. Holes of the water barriers at WA6 were sealed.	
25 Sep 2015	1. Mechanical cover of dump truck was not covered near at Portion Y. 2. Water dripping from air-conditioner was observed at Portion Y. 3. Accumulated rubbish was observed at Portion Y. 4. No drip tray was observed for the oil drums at Portion Y. 5. Stagnant water was observed at Portion Y. 6. Stagnant water was observed at S16 site entrance. 7. Rubbish was observed inside the tunnel at N1.	1. The mechanical cover of a dump truck was closed during transportation of materials at Portion Y. 2. The Contractor used a red bucket to contain the water dripping. 3. The rubbish was removed. 4. Drip trays were provided for the oil drums. 5. The stagnant water was cleared up. 6. The stagnant water was cleared up. 7. The rubbish was removed.	30 Sep 2015

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
30 Sep 2015	1. The alignment of silt curtains for barging point did not follow the design plan at Portion X.	1. The silt curtains for barging point were realigned to follow the design plan at Portion X.	30 Oct 2015
	2. Muddy water was leaked out from holes of sand bucket into the sea from the storage area at Shun Tat 82. 3. No sand bags were placed along the road at N20. 4. Wheels of a dump truck were not washed before leaving the site at N20. 5. Stagnant water pool was observed on surface at S8. 6. No water spraying was provided for drilling activity at S8. 7. Unpaved road was dry and fugitive dust emission was observed when there was vehicle movement at S16. 8. No sand bags were placed along the site boundary at S25 and there was a potential to wash away the sand into the sea. 9. A wastewater treatment was not used at S25. 10. General waste was accumulated on bare ground at S25.	2. The Contractor blocked the hole of sand bucket and provided sand bags around the storage area at Shun Tat 82. 3. Sand bags were placed along the boundary of the site at N20. 4. Wheel washing facility was provided for wheel washing at site exit/entrance at N20. 5. The contractor used a pump to pump out the stagnant water at S8. 6. Water spraying was provided for the drilling activity at S8. 7. Water spraying was provided frequently on the unpaved road to keep it in a damp condition at S16. 8. Sand bags were placed along the boundary at S25 to prevent surface runoff from the site into the sea. 9. The wastewater treatment was set up properly for treatment of wastewater at S25. 10. The rubbish was removed at S25.	7 Oct 2015
7 Oct 2015	1. Used wooden panels were accumulated at S11. 2. Empty food and drink containers were found on the ground at S15. The general waste was removed at S15. 3. Empty chemical containers were found at S15. 4. Concrete waste was observed at S19. 5. Rubbish was found at S19. 6. A container was full of waste at S19.	1. The used wooden panels were cleaned up at S11. 2. The general waste was removed at S15. 3. The empty chemical containers were removed at S15. 4. The concrete waste was cleaned up at S19. 5. The rubbish was removed at S19. 6. The waste was removed at S19.	
14 Oct 2015	1. Dusty materials were found on the ground after loading/unloading activities at S7.	1. Dusty materials were removed and sand bags were provided by the Contractor to prevent potential leakage into the sea at S7.	4 Nov 2015
	2. There was no wheel washing facility provided for the site entrance /exit at S8. 3. Stagnant water was observed inside a steel beam at S9. 4. Stagnant water was observed on the ground at S9.	2. The site entrance /exit without wheel washing facility was blocked at S8. 3. The stagnant water was cleaned up inside the steel beam at S9. 4. The stagnant water was cleaned up on the ground at S9.	22 Oct 2015

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	5. Chemicals containers were placed without drip tray at S11. 6. Stagnant water was observed in a steel beam at S11. 7. Stagnant water was found on the ground at S11.	5. The chemical containers were placed with drip tray at S11. 6. The stagnant water was cleaned up inside the steel beam at S11. 7. The stagnant water was cleaned up on the ground at S11.	
22 Oct 2015	1. Concrete waste was observed at Highway Operation and maintenance Area of Portion Y. 2. Concrete rubbles and dusty materials were found on the ground after loading/unloading activity at S7.	1. The concrete waste was removed. 2. The concrete rubbles and dusty materials were removed and sand bags were provided by the Contractor to prevent leakage into the sea.	4 Nov 2015
	3. Rubbish was accumulated at Highway Operation and maintenance Area of Portion Y. 4. An unused pipe was found in the open channel at S9. 5. Concrete waste was found on the ground at N20. 6. Rubbish was scattered on the ground at S11. 7. The alignment of the silt curtain did not follow the design plan at Portion X.	3. The accumulated rubbish was cleaned up at Highway Operation and maintenance Area of Portion Y. 4. The unused pipe in the open channel was removed at S9. 5. The concrete waste was removed at N20. 6. The rubbish on the ground was cleaned up at S11. 7. The silt curtains were realigned to follow the design plan at Portion X.	30 Oct 2015
30 Oct 2015	1. Construction waste was piling up on the ground without a container at S8. 2. No drip tray was provided for chemical containers at S8. 3. No drip tray was provided for chemical containers near the site access of S8. 4. The inspection record of wastewater treatment plant was not updated at S8. 5. A gap was found at the bottom of metal fence at S11. 6. The refuse skip was full and a chemical container was found at S11. 7. No drip tray was provided for chemical containers at the scaffolding area of ventilation building. 8. Stagnant water was observed at ventilation building.*	1. The construction waste was cleared. 2. The chemical containers were removed at S8. 3. The chemical containers were removed. 4. The inspection record of wastewater treatment plant was updated. 5. The gap was sealed at the bottom of metal fence at S11. 6. The refuse was cleaned up and the chemical container was disposed of as chemical waste. 7. The chemical containers were removed. 8. The stagnant water was removed at N1.	4 Nov 2015
4 Nov 2015	1. Muddy water was accumulated on the uneven ground at S25.	1. The muddy water was removed for treatment prior to discharge at S25.	18 Nov 2015
	2. Rubbish was accumulated at A2 bridge of N20. 3. Stagnant water was observed at A2 Bridge of N20. 4. The container at HMA of Portion Y for collection of general refuse was full.	2. The rubbish was removed. 3. The stagnant water was removed by the Contractor. 4. The waste inside the container was disposed of.	11 Nov 2015

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	5. Improper storage of chemicals was observed at HMA of Portion Y. 6. No drip tray was provided for an oil drum at S8. 7. No water spraying was provided for the breaking activity at S16. 8. No drip tray was provided for an oil drum at S11 and oil stains were found next to it.	5. The chemicals were removed. 6. The oil drum was removed. 7. Water spraying was provided during the breaking activity. 8. The oil drum was removed and oil stain was cleaned up.	
11 Nov 2015	1. Improper noise barrier was observed at S16. 2. Stagnant water was observed at S16. 3. No water spraying was provided for the excavation works at S16. 4. Muddy water was accumulated on the uneven ground at S25. 5. Rubbish was observed on the ground at S25. 6. The wheel washing bay was blocked at S23. 7. No water hose was provided for the wheel washing bay at N20. 8. Broken sand bags were observed at S7.	1. The noise barriers were replaced. 2. The stagnant water was cleaned up. 3. Water spraying was provided during the excavation. 4. The muddy water was removed. 5. The rubbish was cleaned up. 6. The obstacle was removed and the wheel washing bay was not blocked. 7. Water hose was used for wheel washing. 8. New sandbags were placed along the edge of S7.	18 Nov 2015
18 Nov 2015	1. Accumulated rubbish was observed in a container at S11. 2. No drip trays were provided for chemicals at S15. 3. Improper storage of chemical containers were observed at HMA of Portion Y. 4. More than 20 bags of cement were not covered at HMA of Portion Y. 5. No sand bags were provided at the edge of S7 to prevent washing away sand into the sea at S7.	1. The rubbish in the container was removed and disposed of. 2. A drip tray was provided for the chemicals. 3. The chemical containers were removed. 4. The bags of cement were covered. 5. New sandbags were placed along the edge of S7 to prevent washing away sand into the sea.	30 Nov 2015
27 Nov 2015	1. Cement bags were found not entirely covered at S15. 2. Cement storage area was not properly sheltered at S11. 3. The engine cover of a powered mechanical equipment was opened at S15. 4. Drip tray was not provided for an oil drum at HMA site. 5. Some wood strips waste was found at HMA site. 6. Oil stain was observed at HMA site.	1. The bags of cement were covered by tarpaulin at S15. 2. The cement storage area was covered on three of four sides and the top at S11. 3. The cover of powered mechanical equipment was closed at S15. 4. A drip tray was provided for the oil drum at HMA site. 5. The wood strips waste was removed at HMA site. 6. The oil stain was cleaned up at HMA site.	2 Dec 2015

The Contractor has rectified the observations as identified during environmental site inspections in the reporting period.

APPENDIX G

Air Quality Monitoring Data and Graphical Plots

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-09-02	AMS5	09:03	1-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2015-09-02	AMS5	10:03	1-hr TSP	62	ug/m^3
HKLR	HY/2011/03	2015-09-02	AMS5	11:03	1-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2015-09-08	AMS5	13:12	1-hr TSP	100	ug/m^3
HKLR	HY/2011/03	2015-09-08	AMS5	14:12	1-hr TSP	99	ug/m^3
HKLR	HY/2011/03	2015-09-08	AMS5	15:12	1-hr TSP	94	ug/m^3
HKLR	HY/2011/03	2015-09-14	AMS5	14:11	1-hr TSP	82	ug/m^3
HKLR	HY/2011/03	2015-09-14	AMS5	15:11	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2015-09-14	AMS5	16:11	1-hr TSP	90	ug/m^3
HKLR	HY/2011/03	2015-09-18	AMS5	09:08	1-hr TSP	122	ug/m^3
HKLR	HY/2011/03	2015-09-18	AMS5	10:08	1-hr TSP	122	ug/m^3
HKLR	HY/2011/03	2015-09-18	AMS5	11:08	1-hr TSP	125	ug/m^3
HKLR	HY/2011/03	2015-09-24	AMS5	13:25	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2015-09-24	AMS5	14:25	1-hr TSP	59	ug/m^3
HKLR	HY/2011/03	2015-09-24	AMS5	15:25	1-hr TSP	62	ug/m^3
HKLR	HY/2011/03	2015-09-30	AMS5	09:09	1-hr TSP	141	ug/m^3
HKLR	HY/2011/03	2015-09-30	AMS5	10:09	1-hr TSP	144	ug/m^3
HKLR	HY/2011/03	2015-09-30	AMS5	11:09	1-hr TSP	151	ug/m^3
HKLR	HY/2011/03	2015-10-06	AMS5	13:24	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2015-10-06	AMS5	14:24	1-hr TSP	95	ug/m^3
HKLR	HY/2011/03	2015-10-06	AMS5	15:24	1-hr TSP	92	ug/m^3
HKLR	HY/2011/03	2015-10-12	AMS5	09:33	1-hr TSP	97	ug/m^3
HKLR	HY/2011/03	2015-10-12	AMS5	10:33	1-hr TSP	90	ug/m^3
HKLR	HY/2011/03	2015-10-12	AMS5	11:33	1-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2015-10-16	AMS5	13:16	1-hr TSP	194	ug/m^3
HKLR	HY/2011/03	2015-10-16	AMS5	14:16	1-hr TSP	204	ug/m^3
HKLR	HY/2011/03	2015-10-16	AMS5	15:16	1-hr TSP	173	ug/m^3
HKLR	HY/2011/03	2015-10-22	AMS5	13:31	1-hr TSP	150	ug/m^3
HKLR	HY/2011/03	2015-10-22	AMS5	14:31	1-hr TSP	146	ug/m^3
HKLR	HY/2011/03	2015-10-22	AMS5	15:31	1-hr TSP	93	ug/m^3
HKLR	HY/2011/03	2015-10-27	AMS5	09:34	1-hr TSP	114	ug/m^3
HKLR	HY/2011/03	2015-10-27	AMS5	10:34	1-hr TSP	111	ug/m^3
HKLR	HY/2011/03	2015-10-27	AMS5	11:34	1-hr TSP	115	ug/m^3
HKLR	HY/2011/03	2015-11-02	AMS5	13:23	1-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2015-11-02	AMS5	14:23	1-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2015-11-02	AMS5	15:23	1-hr TSP	114	ug/m^3
HKLR	HY/2011/03	2015-11-06	AMS5	09:28	1-hr TSP	83	ug/m^3
HKLR	HY/2011/03	2015-11-06	AMS5	10:28	1-hr TSP	78	ug/m^3
HKLR	HY/2011/03	2015-11-06	AMS5	11:28	1-hr TSP	80	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS5	13:37	1-hr TSP	106	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS5	14:37	1-hr TSP	111	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS5	15:37	1-hr TSP	116	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS5	13:35	1-hr TSP	71	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS5	14:35	1-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS5	15:35	1-hr TSP	83	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS5	09:25	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS5	10:25	1-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS5	11:25	1-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS5	09:37	1-hr TSP	312	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS5	10:37	1-hr TSP	281	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS5	11:37	1-hr TSP	302	ug/m^3
HKLR	HY/2011/03	2015-09-01	AMS5	08:00	24-hr TSP	18	ug/m^3
HKLR	HY/2011/03	2015-09-07	AMS5	08:00	24-hr TSP	29	ug/m^3

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-09-11	AMS5	08:00	24-hr TSP	36	ug/m3
HKLR	HY/2011/03	2015-09-17	AMS5	08:00	24-hr TSP	39	ug/m3
HKLR	HY/2011/03	2015-09-23	AMS5	08:00	24-hr TSP	19	ug/m3
HKLR	HY/2011/03	2015-09-29	AMS5	08:00	24-hr TSP	77	ug/m3
HKLR	HY/2011/03	2015-10-05	AMS5	08:00	24-hr TSP	14	ug/m3
HKLR	HY/2011/03	2015-10-09	AMS5	08:00	24-hr TSP	43	ug/m3
HKLR	HY/2011/03	2015-10-15	AMS5	08:00	24-hr TSP	92	ug/m3
HKLR	HY/2011/03	2015-10-20	AMS5	08:00	24-hr TSP	83	ug/m3
HKLR	HY/2011/03	2015-10-26	AMS5	08:00	24-hr TSP	32	ug/m3
HKLR	HY/2011/03	2015-10-30	AMS5	08:00	24-hr TSP	45	ug/m3
HKLR	HY/2011/03	2015-11-05	AMS5	08:00	24-hr TSP	37	ug/m3
HKLR	HY/2011/03	2015-11-11	AMS5	08:00	24-hr TSP	47	ug/m3
HKLR	HY/2011/03	2015-11-17	AMS5	08:00	24-hr TSP	56	ug/m3
HKLR	HY/2011/03	2015-11-23	AMS5	08:00	24-hr TSP	65	ug/m3
HKLR	HY/2011/03	2015-11-27	AMS5	08:00	24-hr TSP	71	ug/m3
HKLR	HY/2011/03	2015-09-02	AMS6	13:04	1-hr TSP	73	ug/m3
HKLR	HY/2011/03	2015-09-02	AMS6	14:04	1-hr TSP	76	ug/m3
HKLR	HY/2011/03	2015-09-02	AMS6	15:04	1-hr TSP	68	ug/m3
HKLR	HY/2011/03	2015-09-08	AMS6	09:32	1-hr TSP	134	ug/m3
HKLR	HY/2011/03	2015-09-08	AMS6	10:32	1-hr TSP	138	ug/m3
HKLR	HY/2011/03	2015-09-08	AMS6	11:32	1-hr TSP	117	ug/m3
HKLR	HY/2011/03	2015-09-14	AMS6	09:33	1-hr TSP	92	ug/m3
HKLR	HY/2011/03	2015-09-14	AMS6	10:36	1-hr TSP	86	ug/m3
HKLR	HY/2011/03	2015-09-14	AMS6	11:45	1-hr TSP	86	ug/m3
HKLR	HY/2011/03	2015-09-18	AMS6	13:38	1-hr TSP	116	ug/m3
HKLR	HY/2011/03	2015-09-18	AMS6	14:38	1-hr TSP	110	ug/m3
HKLR	HY/2011/03	2015-09-18	AMS6	15:38	1-hr TSP	109	ug/m3
HKLR	HY/2011/03	2015-09-24	AMS6	09:19	1-hr TSP	72	ug/m3
HKLR	HY/2011/03	2015-09-24	AMS6	10:19	1-hr TSP	69	ug/m3
HKLR	HY/2011/03	2015-09-24	AMS6	11:19	1-hr TSP	66	ug/m3
HKLR	HY/2011/03	2015-09-30	AMS6	13:07	1-hr TSP	109	ug/m3
HKLR	HY/2011/03	2015-09-30	AMS6	14:07	1-hr TSP	99	ug/m3
HKLR	HY/2011/03	2015-09-30	AMS6	15:07	1-hr TSP	122	ug/m3
HKLR	HY/2011/03	2015-10-06	AMS6	09:19	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2015-10-06	AMS6	10:19	1-hr TSP	82	ug/m3
HKLR	HY/2011/03	2015-10-06	AMS6	11:19	1-hr TSP	102	ug/m3
HKLR	HY/2011/03	2015-10-12	AMS6	13:32	1-hr TSP	87	ug/m3
HKLR	HY/2011/03	2015-10-12	AMS6	14:32	1-hr TSP	84	ug/m3
HKLR	HY/2011/03	2015-10-12	AMS6	15:32	1-hr TSP	80	ug/m3
HKLR	HY/2011/03	2015-10-16	AMS6	09:31	1-hr TSP	255	ug/m3
HKLR	HY/2011/03	2015-10-16	AMS6	10:31	1-hr TSP	167	ug/m3
HKLR	HY/2011/03	2015-10-16	AMS6	11:31	1-hr TSP	120	ug/m3
HKLR	HY/2011/03	2015-10-22	AMS6	08:22	1-hr TSP	84	ug/m3
HKLR	HY/2011/03	2015-10-22	AMS6	09:22	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2015-10-22	AMS6	10:22	1-hr TSP	104	ug/m3
HKLR	HY/2011/03	2015-10-27	AMS6	13:30	1-hr TSP	97	ug/m3
HKLR	HY/2011/03	2015-10-27	AMS6	14:30	1-hr TSP	88	ug/m3
HKLR	HY/2011/03	2015-10-27	AMS6	15:30	1-hr TSP	73	ug/m3
HKLR	HY/2011/03	2015-11-02	AMS6	09:14	1-hr TSP	78	ug/m3
HKLR	HY/2011/03	2015-11-02	AMS6	10:14	1-hr TSP	84	ug/m3
HKLR	HY/2011/03	2015-11-02	AMS6	11:14	1-hr TSP	89	ug/m3
HKLR	HY/2011/03	2015-11-06	AMS6	13:06	1-hr TSP	87	ug/m3
HKLR	HY/2011/03	2015-11-06	AMS6	14:06	1-hr TSP	92	ug/m3

Air Quality Monitoring Data

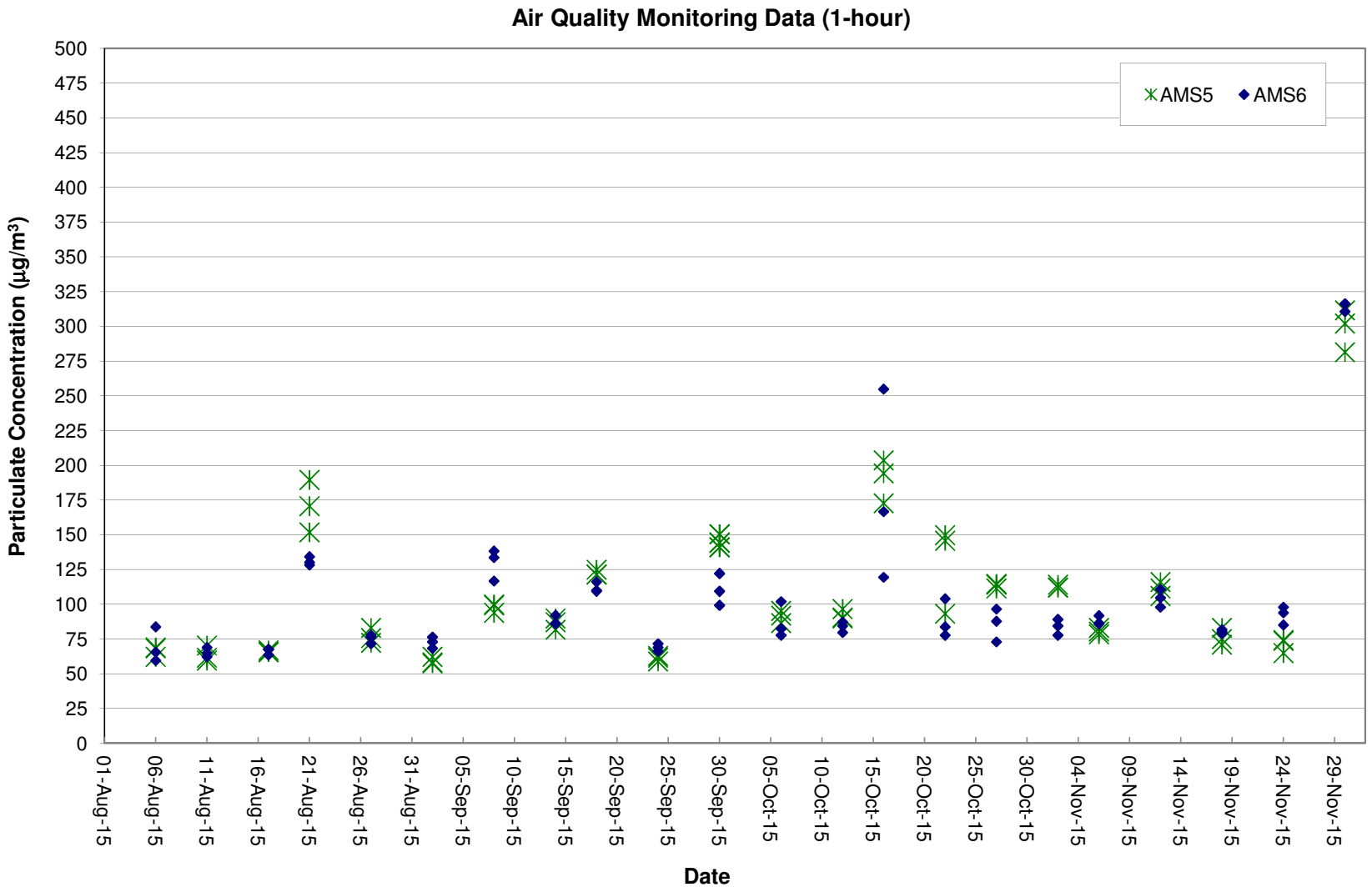
Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-11-06	AMS6	15:06	1-hr TSP	86	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS6	09:32	1-hr TSP	111	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS6	10:32	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-11-12	AMS6	11:32	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS6	09:44	1-hr TSP	82	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS6	10:44	1-hr TSP	79	ug/m^3
HKLR	HY/2011/03	2015-11-18	AMS6	11:44	1-hr TSP	80	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS6	13:22	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS6	14:22	1-hr TSP	94	ug/m^3
HKLR	HY/2011/03	2015-11-24	AMS6	15:22	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS6	13:30	1-hr TSP	311	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS6	14:30	1-hr TSP	316	ug/m^3
HKLR	HY/2011/03	2015-11-30	AMS6	15:30	1-hr TSP	316	ug/m^3
HKLR	HY/2011/03	2015-09-01	AMS6	08:00	24-hr TSP	34	ug/m^3
HKLR	HY/2011/03	2015-09-07	AMS6	08:00	24-hr TSP	51	ug/m^3
HKLR	HY/2011/03	2015-09-11	AMS6	08:00	24-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2015-09-17	AMS6	08:00	24-hr TSP	61	ug/m^3
HKLR	HY/2011/03	2015-09-23	AMS6	08:00	24-hr TSP	43	ug/m^3
HKLR	HY/2011/03	2015-09-29	AMS6	08:00	24-hr TSP	119	ug/m^3
HKLR	HY/2011/03	2015-10-05	AMS6	08:00	24-hr TSP	27	ug/m^3
HKLR	HY/2011/03	2015-10-09	AMS6	08:00	24-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2015-10-15	AMS6	08:00	24-hr TSP	136	ug/m^3
HKLR	HY/2011/03	2015-10-20	AMS6	08:00	24-hr TSP	106	ug/m^3
HKLR	HY/2011/03	2015-10-26	AMS6	08:00	24-hr TSP	62	ug/m^3
HKLR	HY/2011/03	2015-10-30	AMS6	--	24-hr TSP	See Remark 1	ug/m^3
HKLR	HY/2011/03	2015-11-05	AMS6	08:00	24-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2015-11-11	AMS6	08:00	24-hr TSP	93	ug/m^3
HKLR	HY/2011/03	2015-11-17	AMS6	08:00	24-hr TSP	42	ug/m^3
HKLR	HY/2011/03	2015-11-23	AMS6	--	24-hr TSP	See Remark 2	ug/m^3
HKLR	HY/2011/03	2015-11-27	AMS6	13:28	24-hr TSP	81	ug/m^3

Remarks:

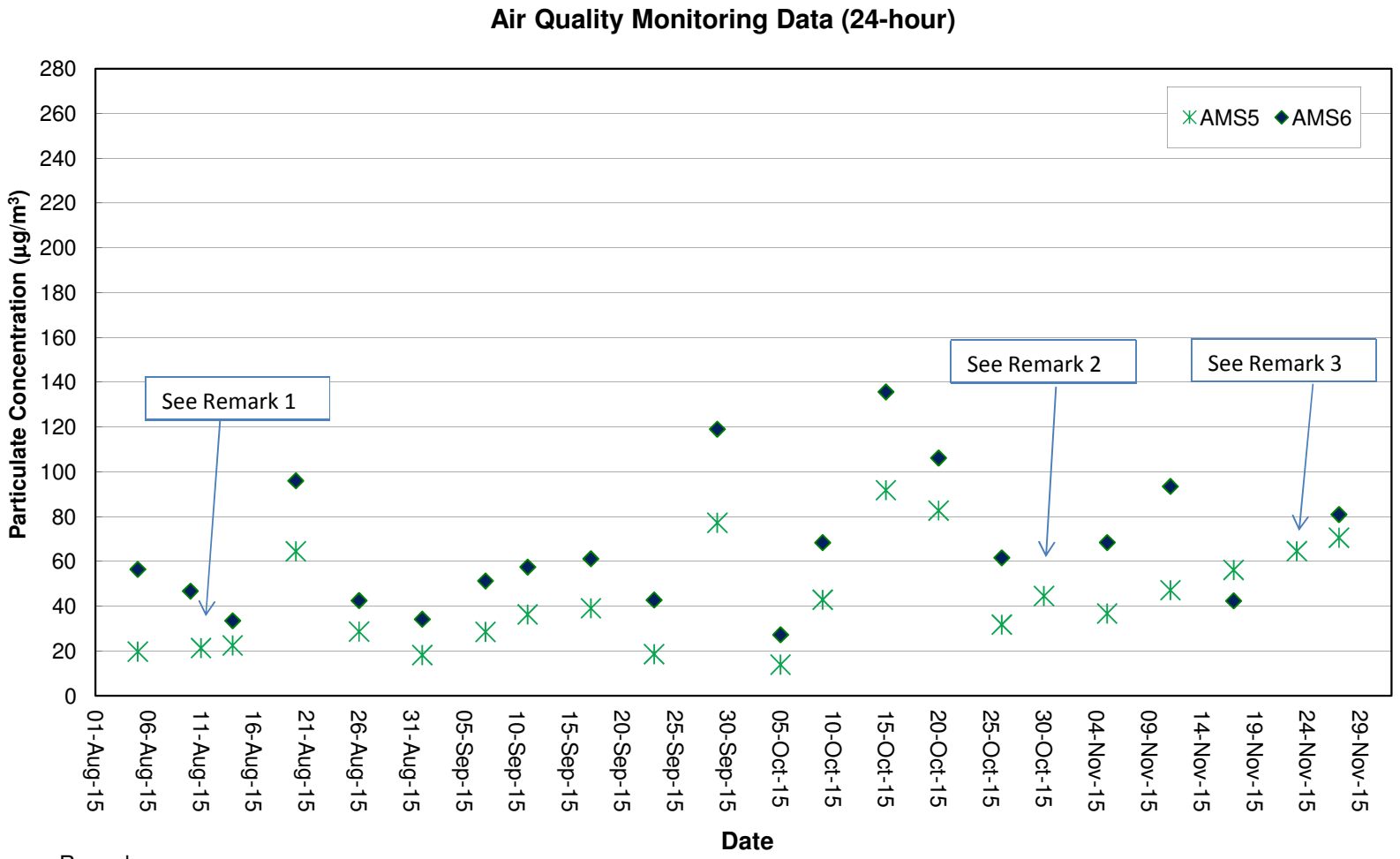
(1)Due to malfunction of HVS at station AMS6, the 24-hr TSP monitoring at station AMS6 on 30 October 2015 was cancelled

2)Due to power interruption of HVS at AMS6 on 23 November 2015, the 24-hr TSP monitoring result obtained at AMS6 on 23 November 2015 was considered invalid.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remarks:

1) Due to power interruption of HVS at station AMS5 on 10 August 2015, the 24-hr TSP monitoring at station AMS5 was rescheduled from 10 August 2015 to 11 August 2015.
2) Due to malfunctioning of HVS at station AMS6, the 24-hr TSP monitoring at station AMS6 on 30 October 2015 was cancelled.
3) Due to power interruption of HVS at AMS6 on 23 November 2015, the 24-hr TSP monitoring result obtained at AMS6 on 23 November 2015 was considered invalid.

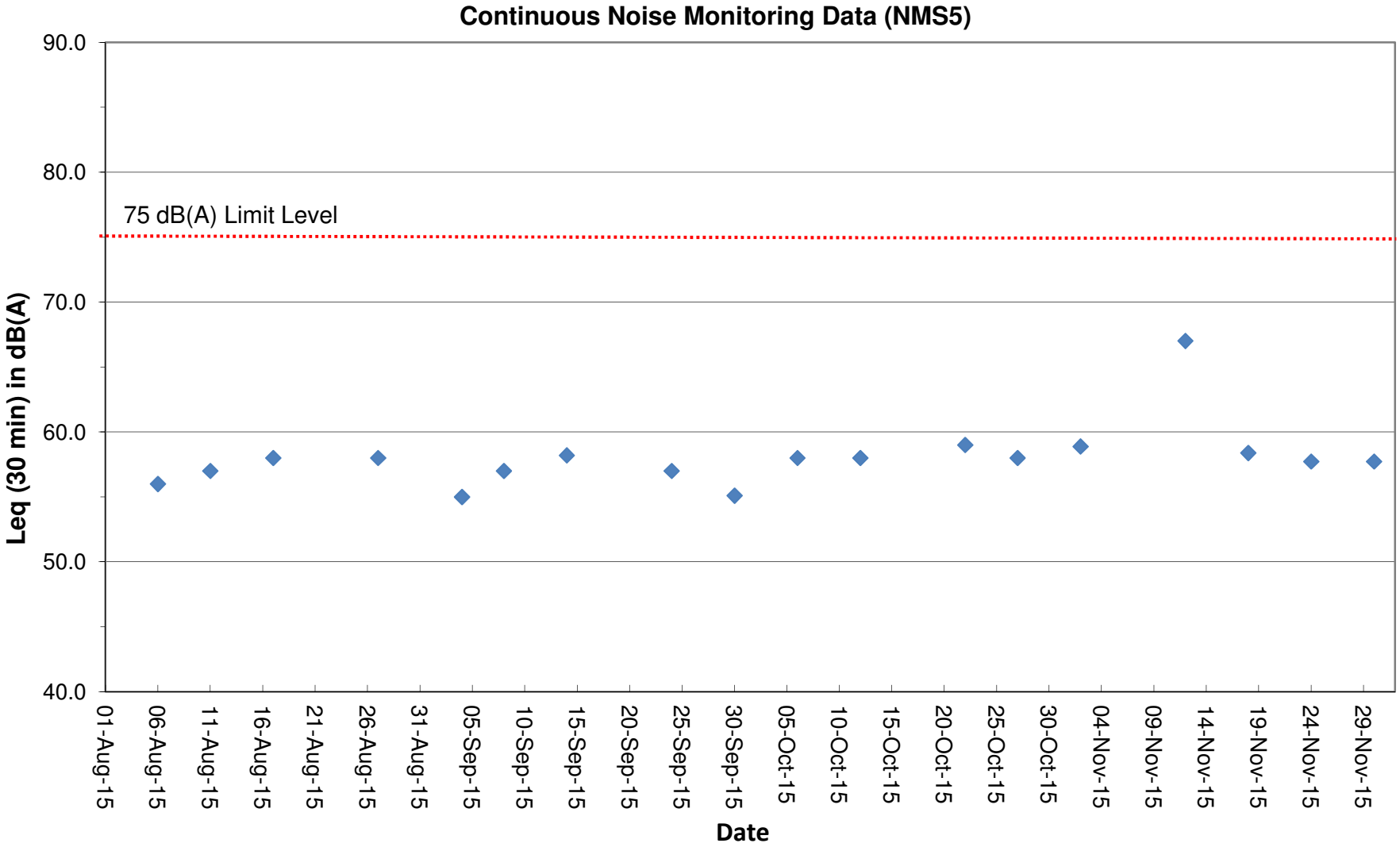
APPENDIX H

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	2015-09-04	NMS5	13:55	<5	Leq:	51.3	Leq:	52.0	Leq:	56.1	Leq:	51.1	Leq:	49.7	Leq:	50.5	Leq:	55.4	dB(A)
						L10:	52.0	L10:	51.0	L10:	55.0	L10:	52.5	L10:	50.5	L10:	53.0	L10:	55.6	
						L90:	47.5	L90:	47.0	L90:	47.5	L90:	48.0	L90:	47.0	L90:	47.0	L90:	50.3	
HKLR	HY/2011/03	2015-09-08	NMS5	13:22	<5	Leq:	53.4	Leq:	54.2	Leq:	54.4	Leq:	53.3	Leq:	54.1	Leq:	55.2	Leq:	57.1	dB(A)
						L10:	56.5	L10:	56.5	L10:	58.0	L10:	56.0	L10:	57.5	L10:	58.0	L10:	60.2	
						L90:	48.5	L90:	48.0	L90:	48.0	L90:	49.5	L90:	48.5	L90:	50.5	L90:	51.9	
HKLR	HY/2011/03	2015-09-14	NMS5	14:30	<5	Leq:	55.5	Leq:	56.4	Leq:	55.4	Leq:	54.3	Leq:	53.9	Leq:	55.1	Leq:	58.2	dB(A)
						L10:	58.0	L10:	60.0	L10:	58.0	L10:	57.0	L10:	57.5	L10:	58.5	L10:	61.3	
						L90:	50.5	L90:	49.5	L90:	49.5	L90:	50.0	L90:	48.5	L90:	49.0	L90:	52.5	
HKLR	HY/2011/03	2015-09-24	NMS5	13:55	<5	Leq:	53.6	Leq:	56.1	Leq:	53.0	Leq:	53.6	Leq:	52.2	Leq:	51.8	Leq:	56.6	dB(A)
						L10:	53.5	L10:	57.0	L10:	55.5	L10:	55.5	L10:	53.5	L10:	53.0	L10:	57.9	
						L90:	49.5	L90:	50.5	L90:	49.5	L90:	50.5	L90:	49.5	L90:	49.5	L90:	52.9	
HKLR	HY/2011/03	2015-09-30	NMS5	09:30	<5	Leq:	51.5	Leq:	53.3	Leq:	51.7	Leq:	51.5	Leq:	49.6	Leq:	53.6	Leq:	55.1	dB(A)
						L10:	52.5	L10:	56.0	L10:	54.0	L10:	53.0	L10:	50.5	L10:	55.0	L10:	56.8	
						L90:	49.5	L90:	49.5	L90:	49.0	L90:	49.0	L90:	48.0	L90:	48.5	L90:	51.9	
HKLR	HY/2011/03	2015-10-06	NMS5	14:18	<5	Leq:	51.7	Leq:	54.0	Leq:	54.4	Leq:	56.4	Leq:	54.4	Leq:	57.6	Leq:	58.1	dB(A)
						L10:	54.0	L10:	57.5	L10:	56.5	L10:	59.5	L10:	57.5	L10:	59.5	L10:	60.8	
						L90:	47.0	L90:	48.0	L90:	49.5	L90:	48.0	L90:	49.5	L90:	50.5	L90:	51.9	
HKLR	HY/2011/03	2015-10-12	NMS5	10:13	<5	Leq:	54.1	Leq:	50.5	Leq:	56.5	Leq:	54.4	Leq:	55.8	Leq:	56.0	Leq:	57.9	dB(A)
						L10:	58.0	L10:	52.5	L10:	61.0	L10:	57.5	L10:	58.0	L10:	59.0	L10:	61.3	
						L90:	48.5	L90:	48.0	L90:	49.5	L90:	49.0	L90:	51.5	L90:	51.0	L90:	52.8	
HKLR	HY/2011/03	2015-10-22	NMS5	13:50	<5	Leq:	53.2	Leq:	51.8	Leq:	50.9	Leq:	52.3	Leq:	57.1	Leq:	61.0	Leq:	59.1	dB(A)
						L10:	56.0	L10:	53.5	L10:	52.0	L10:	54.5	L10:	60.5	L10:	65.0	L10:	62.5	
						L90:	50.0	L90:	50.0	L90:	49.5	L90:	50.0	L90:	51.5	L90:	54.0	L90:	54.1	
HKLR	HY/2011/03	2015-10-27	NMS5	10:15	<5	Leq:	51.9	Leq:	52.8	Leq:	54.5	Leq:	55.5	Leq:	55.1	Leq:	56.1	Leq:	57.6	dB(A)
						L10:	54.0	L10:	55.5	L10:	58.0	L10:	58.5	L10:	57.0	L10:	58.5	L10:	60.2	
						L90:	48.0	L90:	48.5	L90:	48.0	L90:	49.0	L90:	51.5	L90:	52.5	L90:	53.0	
HKLR	HY/2011/03	2015-11-02	NMS5	13:40	<5	Leq:	55.8	Leq:	55.9	Leq:	53.8	Leq:	56.8	Leq:	57.4	Leq:	54.6	Leq:	58.9	dB(A)
						L10:	58.0	L10:	58.5	L10:	55.5	L10:	59.0	L10:	59.0	L10:	56.5	L10:	60.9	
						L90:	52.0	L90:	51.5	L90:	51.5	L90:	53.0	L90:	54.5	L90:	52.0	L90:	55.6	
HKLR	HY/2011/03	2015-11-12	NMS5	14:04	<5	Leq:	61.7	Leq:	63.4	Leq:	64.3	Leq:	65.3	Leq:	65.1	Leq:	63.3	Leq:	67.0	dB(A)
						L10:	65.1	L10:	68.1	L10:	69.0	L10:	69.2	L10:	68.9	L10:	67.7	L10:	71.2	
						L90:	51.8	L90:	53.4	L90:	54.8	L90:	55.7	L90:	54.1	L90:	54.5	L90:	57.2	
HKLR	HY/2011/03	2015-11-18	NMS5	14:09	<5	Leq:	53.0	Leq:	54.7	Leq:	54.9	Leq:	56.0	Leq:	55.4	Leq:	57.2	Leq:	58.4	dB(A)
						L10:	54.6	L10:	55.7	L10:	56.0	L10:	58.2	L10:	57.1	L10:	60.8	L10:	60.6	
						L90:	51.5	L90:	53.2	L90:	53.7	L90:	53.3	L90:	53.4	L90:	53.4	L90:	56.1	
HKLR	HY/2011/03	2015-11-24	NMS5	10:42	<5	Leq:	56.3	Leq:	55.9	Leq:	51.8	Leq:	54.9	Leq:	53.1	Leq:	54.8	Leq:	57.7	dB(A)
						L10:	59.5	L10:	59.4	L10:	54.2	L10:	58.4	L10:	56.3	L10:	58.4	L10:	61.1	
						L90:	50.9	L90:	50.3	L90:	48.6	L90:	48.8	L90:	47.8	L90:	49.8	L90:	52.5	
HKLR	HY/2011/03	2015-11-30	NMS5	09:57	<5	Leq:	55.5	Leq:	53.2	Leq:	54.6	Leq:	58.8	Leq:	53.5	Leq:	53.7	Leq:	58.4	dB(A)
						L10:	58.5	L10:	56.0	L10:	58.0	L10:	62.0	L10:	57.0	L10:	57.0	L10:	61.6	
						L90:	49.0	L90:	49.0	L90:	48.5	L90:	51.5	L90:	47.5	L90:	48.0	L90:	52.1	

Remark:
(1)* A facade correction of +3 dB(A) was applied to the measured noise level.
(2) Due to bad weather condition on 2 Sep 2015, noise monitoring at NMS5 was rescheduled from 2 Sep 2015 to 4 Sep 2015.

Graphical Plot of Noise Levels at NMS5



Remark:

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

(2) Due to bad weather condition on 2 Sep 2015, noise monitoring at NMS5 was rescheduled from 2 Sep 2015 to 4 Sep 2015.

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	2015-09-02	Mid-Ebb	Rainy	IS5	14:12:07	1.0	Surface	1	1	26.78	8.04	29.13	82.2	5.55	22.6	7.5
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS5	14:11:39	1.0	Surface	1	2	26.78	8.04	29.12	82.4	5.56	22.3	7.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS5	14:11:58	4.2	Middle	2	1	26.76	8.04	29.19	82	5.54	22.4	9.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS5	14:11:32	4.2	Middle	2	2	26.77	8.04	29.15	82.4	5.56	22.3	9.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS5	14:11:51	7.4	Bottom	3	1	26.77	8.04	29.2	81.8	5.53	22.3	8.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS5	14:11:24	7.4	Bottom	3	2	26.78	8.04	29.14	82.2	5.55	22.5	9.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)6	14:18:28	1.0	Surface	1	1	26.96	8.05	29.5	87.9	5.91	9.5	2.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)6	14:18:41	1.0	Surface	1	2	26.96	8.04	29.53	86.9	5.84	9.6	2.5
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)6	14:18:18	2.1	Bottom	3	1	26.96	8.05	29.53	86.8	5.84	9.6	4.2
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)6	14:18:33	2.1	Bottom	3	2	26.96	8.05	29.53	86.5	5.82	9.6	4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS7	14:27:19	1.0	Surface	1	1	26.97	8.06	29.06	77.5	5.25	8.1	3.5
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS7	14:27:07	1.0	Surface	1	2	26.96	8.06	29.04	78.1	5.29	8.1	4.3
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS7	14:27:00	2.1	Bottom	3	1	26.96	8.06	29.05	77.6	5.26	8.1	3.2
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS7	14:27:11	2.1	Bottom	3	2	26.97	8.06	29.06	77.3	5.24	8.1	3.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS8	14:47:28	1.0	Surface	1	1	26.95	8.05	29.21	74.6	5.04	9.6	3.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS8	14:47:12	1.0	Surface	1	2	26.95	8.05	29.23	75.1	5.08	9.7	4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS8	14:47:20	3.0	Bottom	3	1	26.94	8.05	29.65	74.4	5.04	9.5	2.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS8	14:47:06	3.0	Bottom	3	2	26.95	8.05	29.34	74.8	5.06	9.6	2.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)9	14:33:58	1.0	Surface	1	1	26.96	8.05	29.22	75.7	5.12	10.2	3.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)9	14:33:46	1.0	Surface	1	2	26.96	8.05	29.21	75.6	5.12	10.4	3.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)9	14:33:51	2.7	Bottom	3	1	26.96	8.05	29.22	75.6	5.12	10.4	3.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS(Mf)9	14:33:36	2.7	Bottom	3	2	26.95	8.05	29.23	75.3	5.1	10.2	3
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:32:01	1.0	Surface	1	1	24.43	7.84	25.57	75.2	5.42	14.7	5.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:31:19	1.0	Surface	1	2	24.42	7.84	25.65	75.5	5.45	15.8	5.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:31:47	5.3	Middle	2	1	24.3	7.84	25.87	73.6	5.31	15.5	6.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:31:03	5.3	Middle	2	2	24.3	7.84	26	73.3	5.28	15.3	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:30:52	9.5	Bottom	3	1	24.27	7.84	26.16	73.7	5.32	16.9	7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	IS10	15:31:41	9.5	Bottom	3	2	24.27	7.84	26	74.3	5.37	16.2	7.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR3	14:02:04	0.7	Middle	2	1	26.8	8.03	29.02	84.1	5.68	20.1	8.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR3	14:01:57	0.7	Middle	2	2	26.8	8.03	29.01	84.2	5.69	20.7	8.2
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR4	14:42:13	1.0	Surface	1	1	26.96	8.05	29.09	75.6	5.11	9.5	4.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR4	14:41:59	1.0	Surface	1	2	26.95	8.05	29.11	76.2	5.16	9.6	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR4	14:42:05	2.5	Bottom	3	1	26.95	8.05	29.43	75.1	5.09	9.5	7.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR4	14:41:54	2.5	Bottom	3	2	26.96	8.05	29.35	75.7	5.13	9.4	7.3
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR5	15:22:46	1.0	Surface	1	1	24.39	7.84	25.71	78.5	5.67	13.4	5.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR5	15:23:10	1.0	Surface	1	2	24.4	7.84	25.76	77.1	5.57	12.8	5.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR5	15:22:37	4.0	Bottom	3	1	24.36	7.83	25.86	79.8	5.75	14.3	9.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR5	15:23:01	4.0	Bottom	3	2	24.33	7.83	25.97	77.1	5.57	14.5	8.5
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:02:01	1.0	Surface	1	1	26.72	8.07	29.95	82.6	5.55	6.3	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:01:42	1.0	Surface	1	2	26.72	8.07	29.94	83.1	5.59	6.3	7.3
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:01:36	3.3	Middle	2	1	26.68	8.07	30.12	82.6	5.56	6.4	6.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:01:56	3.3	Middle	2	2	26.63	8.07	30.26	82.2	5.53	6.5	6.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:01:49	5.5	Bottom	3	1	26.69	8.07	30.27	81.9	5.51	6.3	6.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10A	16:01:27	5.5	Bottom	3	2	26.72	8.07	30.16	82.4	5.55	6.4	6.7
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10B	16:11:24	1.0	Surface	1	1	26.69	8.08	29.85	81.3	5.48	6.5	6.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10B	16:11:07	1.0	Surface	1	2	26.75	8.07	29.86	82.5	5.55	6.3	6.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10B	16:10:58	4.3	Bottom	3	1	26.7	8.07	30.17	82.3	5.53	6.4	6.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	SR10B	16:11:14	4.3	Bottom	3	2	26.62	8.06	31.72	81.9	5.47	6.5	7.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS2	14:10:14	1.0	Surface	1	1	24.51	7.81	26.84	81.2	5.81	15.5	6.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS2	14:10:51	1.0	Surface	1	2	24.55	7.83	26.81	83.1	5.93	15.8	6
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS2	14:10:38	3.8	Middle	2	1	24.23	7.82	28.13	78.7	5.62	16.9	5.2
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS2	14:10:04	3.8	Middle	2	2	24.28	7.8	27.9	80.7	5.76	17.3	5.9

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	2015-09-02	Mid-Ebb	Rainy	CS2	14:10:28	6.5	Bottom	3	1	24.23	7.81	28.24	80	5.7	18.5	6.2
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS2	14:09:53	6.5	Bottom	3	2	24.18	7.79	28.24	80.3	5.74	18.2	7.8
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:22:44	1.0	Surface	1	1	26.74	8.06	29.36	75	5.06	7.4	8.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:22:15	1.0	Surface	1	2	26.65	8.07	29.44	75.7	5.08	7.3	7.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:22:07	6.3	Middle	2	1	26.45	8.06	31.03	74.6	5.04	7.5	9.9
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:22:34	6.3	Middle	2	2	26.44	8.06	31.06	74.9	5.03	7.5	9.1
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:22:26	11.5	Bottom	3	1	26.54	8.05	31.09	73.6	4.94	7.5	10.4
HKLR	HY/2011/03	2015-09-02	Mid-Ebb	Rainy	CS(Mf)5	15:21:59	11.5	Bottom	3	2	26.52	8.05	31.16	74	4.97	7.4	10.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:48	1.0	Surface	1	1	26.86	8.05	29.95	81.5	5.48	16.3	10.1
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:21	1.0	Surface	1	2	26.86	8.05	29.96	81.4	5.47	16.2	10.7
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:14	4.4	Middle	2	1	26.86	8.05	29.98	81.3	5.46	16.1	12.4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:35	4.4	Middle	2	2	26.86	8.05	29.97	81.4	5.46	16.6	12.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:05	7.8	Bottom	3	1	26.86	8.05	29.99	81.1	5.45	16.2	13.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS5	09:59:28	7.8	Bottom	3	2	26.86	8.05	29.97	81.3	5.46	16.3	13
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)6	09:49:54	1.0	Surface	1	1	26.88	8.04	29.85	82.9	5.57	18.1	4.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)6	09:50:25	1.0	Surface	1	2	26.87	8.04	29.85	82.1	5.52	17.9	5.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)6	09:49:48	2.2	Bottom	3	1	26.88	8.04	29.85	82.6	5.55	18.2	5.4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)6	09:50:12	2.2	Bottom	3	2	26.87	8.04	29.86	82.1	5.52	17.7	6.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS7	09:43:13	1.0	Surface	1	1	26.88	8.04	29.93	81.9	5.5	18.3	4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS7	09:43:30	1.0	Surface	1	2	26.88	8.04	29.94	81.4	5.47	18.5	4.9
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS7	09:43:19	2.3	Bottom	3	1	26.88	8.04	29.94	81.5	5.47	18.2	5.4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS7	09:43:04	2.3	Bottom	3	2	26.88	8.04	29.94	81.7	5.48	18.2	5.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS8	09:20:17	1.0	Surface	1	1	26.97	8.03	28.25	80.6	5.45	9.2	8.4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS8	09:20:04	1.0	Surface	1	2	26.97	8.03	28.36	80.6	5.44	9.4	8.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS8	09:20:10	2.7	Bottom	3	1	26.97	8.03	28.42	80.6	5.44	9.2	10.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS8	09:19:58	2.7	Bottom	3	2	26.96	8.03	28.62	80.3	5.42	9.7	9.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)9	09:37:03	1.0	Surface	1	1	26.82	8.04	29.27	80.6	5.43	13.3	1.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)9	09:37:23	1.0	Surface	1	2	26.82	8.04	29.27	80.1	5.4	13.3	1.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)9	09:37:13	2.7	Bottom	3	1	26.84	8.04	29.79	80.1	5.39	13.5	4.4
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS(Mf)9	09:36:53	2.7	Bottom	3	2	26.83	8.04	29.57	80.8	5.44	13.4	4.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:53	1.0	Surface	1	1	24.46	7.8	26.97	74.8	5.35	12.6	10.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:22	1.0	Surface	1	2	24.48	7.8	27.3	75.7	5.4	13.1	10.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:10	5.3	Middle	2	1	24.37	7.79	27.98	75.4	5.37	12.8	14.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:44	5.3	Middle	2	2	24.35	7.8	27.62	74.7	5.34	13	14.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:01	9.5	Bottom	3	1	24.42	7.79	27.84	76.8	5.48	13.1	14.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	IS10	09:07:39	9.5	Bottom	3	2	24.35	7.8	27.74	75.4	5.38	13.5	13.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR3	10:07:32	0.6	Middle	2	1	26.86	8.05	29.97	81.2	5.46	15.8	13.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR3	10:07:26	0.6	Middle	2	2	26.86	8.05	29.97	81.2	5.45	15.9	13.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR4	09:26:29	1.0	Surface	1	1	26.96	8.03	28.35	79.8	5.4	8.5	10
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR4	09:26:17	1.0	Surface	1	2	26.96	8.03	28.26	80.1	5.42	8.6	9.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR4	09:26:08	2.7	Bottom	3	1	26.96	8.02	28.62	80.2	5.42	8.6	10.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR4	09:26:23	2.7	Bottom	3	2	26.97	8.03	28.53	80.2	5.42	8.5	9.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR5	09:17:35	1.0	Surface	1	1	24.49	7.8	26.54	75	5.38	12	8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR5	09:17:52	1.0	Surface	1	2	24.48	7.8	26.37	75.4	5.41	11.4	8.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR5	09:17:44	4.2	Bottom	3	1	24.47	7.8	26.72	75.9	5.43	11.6	11.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR5	09:17:25	4.2	Bottom	3	2	24.4	7.8	27.15	74.9	5.36	11.9	11
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:55	1.0	Surface	1	1	26.57	7.98	29.49	75.3	5.09	7.3	2.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:22	1.0	Surface	1	2	26.55	7.97	29.57	75.1	5.08	7.2	2.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:14	3.3	Middle	2	1	26.53	7.97	29.66	75.1	5.08	7.4	2.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:44	3.3	Middle	2	2	26.54	7.98	29.64	75.3	5.09	7.3	3.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:08	5.6	Bottom	3	1	26.54	7.97	29.65	75.2	5.08	7.3	4.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10A	08:17:33	5.6	Bottom	3	2	26.55	7.97	29.61	75.1	5.07	7.2	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10B	08:07:55	1.0	Surface	1	1	26.53	7.94	29.63	75.4	5.09	7.9	3.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10B	08:07:42	1.0	Surface	1	2	26.52	7.93	29.66	75.5	5.1	8.3	4.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10B	08:07:34	4.2	Bottom	3	1	26.52	7.93	29.69	75.5	5.1	8.4	3.5
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	SR10B	08:07:48	4.2	Bottom	3	2	26.53	7.94	29.68	75.4	5.09	8	3.1
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:34:44	1.0	Surface	1	1	24.48	7.82	24.93	72.9	5.28	17	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:33:50	1.0	Surface	1	2	24.52	7.81	24.66	74	5.36	16.8	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:34:22	3.9	Middle	2	1	24.33	7.82	25.63	71.1	5.14	16.3	5.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:33:35	3.9	Middle	2	2	24.38	7.81	25.34	72.1	5.21	15.8	6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:34:12	6.8	Bottom	3	1	24.32	7.81	25.67	71.8	5.19	18.2	7.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS2	10:33:26	6.8	Bottom	3	2	24.33	7.81	25.44	72.9	5.28	17.7	7.3
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:44:09	1.0	Surface	1	1	26.66	8.04	28.69	75.9	5.1	8.3	2.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:44:41	1.0	Surface	1	2	26.76	8.04	28.7	75.7	5.08	8.3	2.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:44:01	6.2	Middle	2	1	26.26	8.04	31.08	74.6	5.06	8.5	3.2
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:44:31	6.2	Middle	2	2	26.43	8.03	30.78	75.1	5.03	8.4	3.6
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:44:20	11.4	Bottom	3	1	26.49	8.01	31.76	73.7	4.96	8.3	3.8
HKLR	HY/2011/03	2015-09-02	Mid-Flood	Rainy	CS(Mf)5	08:43:51	11.4	Bottom	3	2	26.21	8.02	31.99	73.9	4.98	8.6	3.1
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:38:23	1.0	Surface	1	1	27.86	8	30.12	85.7	6.03	9.1	7.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:37:58	1.0	Surface	1	2	27.82	8	30.05	86.3	6.07	8.6	8.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:37:49	4.4	Middle	2	1	27.57	8	30.13	85.6	6.04	9.4	7.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:38:13	4.4	Middle	2	2	27.5	8	30.25	84.8	5.99	10	7.1
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:37:44	7.7	Bottom	3	1	27.67	8	30.01	86.7	6.1	9.2	6.3
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS5	15:38:08	7.7	Bottom	3	2	27.6	8	30.16	85.7	6.04	9.5	6.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)6	15:49:09	1.0	Surface	1	1	27.77	8.01	29.74	86.2	6.07	9	6.8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)6	15:48:54	1.0	Surface	1	2	27.68	8	29.88	85.5	6.03	9.4	6.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)6	15:49:01	2.5	Bottom	3	1	27.61	8	29.96	85.5	6.04	9.9	8.3
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)6	15:48:46	2.5	Bottom	3	2	27.68	8	29.89	86	6.06	9.8	7.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS7	15:58:43	1.0	Surface	1	1	28.04	8.01	28.38	88.5	6.24	6.8	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS7	15:59:06	1.0	Surface	1	2	28.28	8.01	27.79	88.6	6.25	6.9	6.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS7	15:58:52	2.4	Bottom	3	1	27.74	8	29.5	86.1	6.08	7.8	5.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS7	15:58:36	2.4	Bottom	3	2	28.06	8	29.26	88.4	6.21	7	6.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS8	16:23:36	1.0	Surface	1	1	27.82	8	27.55	85.6	6.09	7.4	7.8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS8	16:23:51	1.0	Surface	1	2	27.73	8.01	27.7	85.1	6.06	7.5	8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS8	16:23:29	2.7	Bottom	3	1	27.73	7.99	29.05	85.6	6.06	7.7	7.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS8	16:23:45	2.7	Bottom	3	2	27.62	7.99	29.13	85.1	6.03	8	7.1
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)9	16:05:33	1.0	Surface	1	1	27.99	8	27.6	86.3	6.12	7.4	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)9	16:05:46	1.0	Surface	1	2	27.87	8	28.27	86.3	6.11	7.6	5.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)9	16:05:41	2.5	Bottom	3	1	27.88	7.99	28.6	86.2	6.09	7.5	6.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS(Mf)9	16:05:25	2.5	Bottom	3	2	27.92	7.99	28.63	86.1	6.09	7.5	6.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:45	1.0	Surface	1	1	25.09	7.74	17.83	72.4	5.38	3.6	3.8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:20	1.0	Surface	1	2	24.94	7.72	19.14	72.7	5.37	3.8	3.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:12	5.6	Middle	2	1	24.43	7.69	22.87	72.6	5.3	3.8	5.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:37	5.6	Middle	2	2	24.49	7.71	21.57	72	5.29	3.9	5.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:07	10.1	Bottom	3	1	24.44	7.66	23.17	72.5	5.3	4	5.5
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	IS10	16:21:30	10.1	Bottom	3	2	24.6	7.69	22.7	71.9	5.25	4	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR3	15:24:26	0.7	Middle	2	1	27.83	7.98	29.04	88.7	6.25	7.5	7.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR3	15:24:17	0.7	Middle	2	2	27.84	7.97	28.82	89.1	6.29	7.6	7.3
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR4	16:14:10	1.0	Surface	1	1	27.87	8	27.39	85.4	6.08	7.7	6.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR4	16:14:29	1.0	Surface	1	2	27.93	7.99	27.38	85.3	6.07	7.4	6.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR4	16:14:17	2.6	Bottom	3	1	27.78	7.99	28.78	85.4	6.05	7.8	6.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR4	16:13:59	2.6	Bottom	3	2	27.57	7.99	29.14	85.4	6.05	8	6.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR5	16:16:00	1.0	Surface	1	1	25.58	7.72	17.6	78	5.68	3.7	4.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR5	16:16:20	1.0	Surface	1	2	25.79	7.69	17.08	76.5	5.62	3.5	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	2015-09-04	Mid-Ebb	Sunny	SR5	16:16:06	3.5	Bottom	3	1	25.68	7.7	18.57	76.2	5.61	3.8	4.5
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR5	16:15:50	3.5	Bottom	3	2	25.51	7.71	20.84	76.9	5.67	3.7	4.7
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:22:14	1.0	Surface	1	1	27.3	8.06	29.49	78.7	5.61	4.1	4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:21:45	1.0	Surface	1	2	27.27	8.05	29.86	78.3	5.58	4.3	3.7
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:21:34	3.3	Middle	2	1	26.54	8.05	31.32	75.1	5.38	4.4	4.8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:22:06	3.3	Middle	2	2	26.66	8.05	31.32	76.3	5.46	4.3	5.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:21:58	5.5	Bottom	3	1	26.52	8.04	31.66	76.6	5.48	4.1	3.8
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10A	17:21:24	5.5	Bottom	3	2	25.93	8.04	33.07	75.8	5.43	3.8	4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10B	17:34:29	1.0	Surface	1	1	26.91	8.05	30.62	77.2	5.52	4.2	3.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10B	17:34:45	1.0	Surface	1	2	26.88	8.05	30.69	76.7	5.49	4.3	4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10B	17:34:19	3.8	Bottom	3	1	26.79	8.04	31.93	77.1	5.49	4.1	4.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	SR10B	17:34:35	3.8	Bottom	3	2	26.67	8.04	32.05	76.5	5.45	4.1	4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:23:19	1.0	Surface	1	1	25.18	7.91	22.3	77.5	5.55	3.2	3.1
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:24:08	1.0	Surface	1	2	25.49	7.8	21.93	74.1	5.35	3.1	3.5
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:23:09	4.1	Middle	2	1	24.48	7.91	25.85	75.4	5.46	3.4	3.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:23:41	4.1	Middle	2	2	24.73	7.84	25.17	74.1	5.29	3.4	4.1
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:23:30	7.2	Bottom	3	1	24.57	7.84	26.84	74	5.32	3.5	4.2
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS2	15:22:49	7.2	Bottom	3	2	24.35	7.96	27.08	75.4	5.42	3.7	4.4
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:58:22	1.0	Surface	1	1	27.8	8.03	27.46	77.2	5.53	5.2	4.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:57:48	1.0	Surface	1	2	27.54	8.04	27.56	76.6	5.51	5	5.3
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:57:32	6.6	Middle	2	1	26.08	8.02	32.54	72.9	5.24	5.3	6.3
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:58:07	6.6	Middle	2	2	26.07	8.02	32.58	72.6	5.22	5.4	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:57:59	12.1	Bottom	3	1	26.13	8	32.77	74.9	5.36	5.1	4.6
HKLR	HY/2011/03	2015-09-04	Mid-Ebb	Sunny	CS(Mf)5	16:57:23	12.1	Bottom	3	2	26.1	7.99	32.79	75.6	5.42	4.9	5
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:08:33	1.0	Surface	1	1	27.53	8.01	27.82	83.4	5.96	6.7	5.3
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:08:07	1.0	Surface	1	2	27.6	8.01	27.75	84.4	6.03	6.4	5.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:07:55	4.4	Middle	2	1	27.17	8.01	28.22	82.9	5.94	7.9	4.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:08:23	4.4	Middle	2	2	27.19	8.01	28.2	82.9	5.94	7.6	4.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:07:48	7.8	Bottom	3	1	27.3	8.01	28.12	84.3	6.03	7.5	4.3
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS5	12:08:17	7.8	Bottom	3	2	27.32	8.01	28.1	84.1	6.01	7	4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)6	11:56:00	1.0	Surface	1	1	27.82	8.02	27.89	87.3	6.2	9.2	4.8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)6	11:56:12	1.0	Surface	1	2	27.83	8.02	27.88	87.9	6.23	8.7	5
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)6	11:56:05	2.2	Bottom	3	1	27.82	8.02	27.91	87.9	6.23	11.1	4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)6	11:55:52	2.2	Bottom	3	2	27.77	8.02	27.96	87.5	6.21	10.6	3.8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS7	11:47:06	1.0	Surface	1	1	27.78	8	27.51	84.5	6.02	9.8	12.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS7	11:46:53	1.0	Surface	1	2	27.77	8	27.52	84.6	6.03	10.1	11.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS7	11:46:59	2.3	Bottom	3	1	27.77	8	27.55	84.4	6.01	9.9	11
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS7	11:46:46	2.3	Bottom	3	2	27.75	8	27.59	84.5	6.02	9.8	10.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS8	11:22:58	1.0	Surface	1	1	27.82	7.97	25.47	79.4	5.73	8.8	10.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS8	11:22:42	1.0	Surface	1	2	27.55	7.97	25.77	79.1	5.73	9	10.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS8	11:22:47	2.7	Bottom	3	1	27.61	7.96	25.81	78.9	5.7	11	6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS8	11:22:36	2.7	Bottom	3	2	27.58	7.96	25.9	79.2	5.72	10.9	5.8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)9	11:40:25	1.0	Surface	1	1	27.23	8	27.24	81.3	5.86	11.5	9.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)9	11:40:43	1.0	Surface	1	2	27.19	8	27.5	80.6	5.81	11.8	10.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)9	11:40:19	2.5	Bottom	3	1	27.18	7.99	28.26	80.9	5.81	12	11.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS(Mf)9	11:40:33	2.5	Bottom	3	2	27.17	7.99	28.36	80.9	5.8	11.4	11.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:10:22	1.0	Surface	1	1	24.54	7.76	22.05	73.9	5.39	14.5	11.3
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:09:56	1.0	Surface	1	2	24.84	7.76	21.95	74.7	5.46	14.4	11
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:10:15	5.6	Middle	2	1	24.31	7.75	23.5	73.5	5.39	14.7	8.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:09:40	5.6	Middle	2	2	24.36	7.76	23.37	73.5	5.37	14.5	8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:10:09	10.2	Bottom	3	1	24.36	7.74	23.56	73.3	5.35	14.9	9.6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	IS10	11:09:17	10.2	Bottom	3	2	24.29	7.75	23.55	73	5.33	14.7	12.4

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	2015-09-04	Mid-Flood	Sunny	SR3	12:21:08	0.7	Middle	2	1	27.76	8.01	27.62	87.4	6.22	4.4	4.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR3	12:21:03	0.7	Middle	2	2	27.75	8.01	27.62	87.5	6.22	4.4	4.5
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR4	11:34:01	1.0	Surface	1	1	27.7	7.96	25.68	79.1	5.71	7.8	4.5
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR4	11:34:19	1.0	Surface	1	2	27.75	7.97	25.57	79	5.71	8.3	5.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR4	11:34:09	2.8	Bottom	3	1	27.52	7.96	26.19	78.5	5.67	8.8	6.3
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR4	11:33:54	2.8	Bottom	3	2	27.63	7.96	26.2	78.8	5.68	9	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR5	11:17:19	1.0	Surface	1	1	24.41	7.76	22.89	72.6	5.31	14.8	11.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR5	11:17:43	1.0	Surface	1	2	24.38	7.76	23	72.5	5.3	14.6	11.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR5	11:17:09	3.9	Bottom	3	1	24.33	7.75	23.13	72.4	5.29	14.9	11.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR5	11:17:35	3.9	Bottom	3	2	24.32	7.75	23.31	72.5	5.29	14.8	11.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:24:06	1.0	Surface	1	1	26.96	8.02	27.3	75	5.45	4.8	9.8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:23:43	1.0	Surface	1	2	26.75	8.02	27.78	74.2	5.4	4.8	9.6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:23:34	3.4	Middle	2	1	26.41	8.01	29.32	73.2	5.32	5.3	4.6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:23:57	3.4	Middle	2	2	26.43	8.01	29.26	73.7	5.35	5.1	4.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:23:29	5.8	Bottom	3	1	26.51	8.01	29.32	73.4	5.32	5.2	3.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10A	10:23:49	5.8	Bottom	3	2	26.66	8.01	29.17	74.2	5.37	5	3.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10B	10:09:41	1.0	Surface	1	1	26.65	8.01	28.39	74.7	5.42	4.9	3.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10B	10:10:01	1.0	Surface	1	2	26.56	8.01	28.57	74.2	5.39	5	4.3
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10B	10:09:52	4.0	Bottom	3	1	26.47	8	29.09	74.3	5.39	5	5.2
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	SR10B	10:09:32	4.0	Bottom	3	2	26.61	8	28.76	74.6	5.41	5.1	4.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:14:30	1.0	Surface	1	1	25.07	7.74	21.94	77.7	5.65	3.3	6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:13:49	1.0	Surface	1	2	24.53	7.76	22.4	73.4	5.35	3.4	5.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:13:43	4.1	Middle	2	1	24.31	7.75	23.78	72.5	5.3	3.5	5.4
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:14:05	4.1	Middle	2	2	24.44	7.75	23.69	73.6	5.34	3.4	5.1
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:13:58	7.1	Bottom	3	1	24.54	7.74	23.92	73	5.31	3.7	5.6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS2	12:13:37	7.1	Bottom	3	2	24.23	7.73	23.98	72.4	5.28	3.6	6
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:51:40	1.0	Surface	1	1	26.72	8.05	27.88	73.2	5.32	5.5	5.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:52:12	1.0	Surface	1	2	26.74	8.05	27.95	72.9	5.31	5.6	5.9
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:51:28	6.6	Middle	2	1	26.15	8.03	31.08	71.9	5.21	6.2	8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:51:59	6.6	Middle	2	2	26.14	8.03	31.14	71.5	5.17	6.4	7.7
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:51:52	12.2	Bottom	3	1	26.26	8.02	31.08	72.5	5.24	5.9	4.8
HKLR	HY/2011/03	2015-09-04	Mid-Flood	Sunny	CS(Mf)5	10:51:19	12.2	Bottom	3	2	26.5	8.01	30.96	73.9	5.32	5.5	5.1
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:42:15	1.0	Surface	1	1	29.33	8.08	19.4	81.4	5.6	5.7	3.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:42:51	1.0	Surface	1	2	29.37	8.08	19.38	80.9	5.55	5.6	4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:42:00	4.3	Middle	2	1	28.46	7.97	25.3	78.2	5.28	5.5	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:42:34	4.3	Middle	2	2	28.16	7.97	26.18	77.1	5.22	5.5	3.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:41:51	7.5	Bottom	3	1	27.14	7.96	28.49	77.6	5.26	5.6	2.1
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS5	09:42:25	7.5	Bottom	3	2	27.1	7.96	28.59	75.6	5.12	5.6	2.5
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)6	09:32:34	1.0	Surface	1	1	29.48	8.01	19	81.9	5.63	3.6	1.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)6	09:32:51	1.0	Surface	1	2	29.54	8.01	19.52	80.1	5.48	3.5	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)6	09:32:42	2.1	Bottom	3	1	29.56	7.96	22.89	82	5.51	3.6	1.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)6	09:32:27	2.1	Bottom	3	2	29.53	7.98	22.82	82.4	5.54	3.6	2.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS7	09:24:53	1.0	Surface	1	1	29.23	8.03	18.32	94.7	6.56	3.5	1.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS7	09:25:16	1.0	Surface	1	2	29.44	8.03	18.8	92	6.33	3.5	1.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS7	09:24:12	2.1	Bottom	3	1	29.5	8.01	19.9	88	6.01	3.5	1.9
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS7	09:25:05	2.1	Bottom	3	2	29.38	8.01	21.52	92.8	6.3	3.4	2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS8	08:56:30	1.0	Surface	1	1	29.14	8.01	18.36	88	6.1	8.3	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS8	08:56:42	1.0	Surface	1	2	29.13	8.01	18.34	87.8	6.09	8.5	3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS8	08:56:35	2.9	Bottom	3	1	29.14	8	19.34	88.2	6.08	8.4	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS8	08:56:24	2.9	Bottom	3	2	29.14	8	18.92	88.6	6.12	8.5	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)9	09:16:10	1.0	Surface	1	1	29.41	8.04	19.1	91.6	6.29	3.1	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)9	09:16:18	1.0	Surface	1	2	29.5	8.02	19.86	91.7	6.27	3.1	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)9	09:16:14	2.7	Bottom	3	1	29.44	8.04	20.26	91.7	6.26	3	2.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS(Mf)9	09:15:59	2.7	Bottom	3	2	29.39	8.01	22.15	91.6	6.2	3.1	1.9
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	08:59:57	1.0	Surface	1	1	26.51	7.87	12.23	85.6	6.43	3.7	1.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	09:00:43	1.0	Surface	1	2	26.52	7.88	12.22	88.7	6.66	3.9	1.5
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	09:00:24	5.1	Middle	2	1	26.15	7.76	16.73	80.7	5.94	3.9	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	08:59:43	5.1	Middle	2	2	26.2	7.76	16.01	81.4	6.02	3.5	3.4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	09:00:13	9.2	Bottom	3	1	25.83	7.75	17.11	83.4	6.16	4	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	IS10	08:59:36	9.2	Bottom	3	2	26.12	7.75	17.42	82.9	6.08	3.7	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR3	09:48:25	0.7	Middle	2	1	29.37	8.08	19.15	91.7	6.3	3.8	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR3	09:48:31	0.7	Middle	2	2	29.37	8.08	19.14	92	6.33	3.7	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR4	09:03:55	1.0	Surface	1	1	29.12	8	18.34	87.8	6.09	8.5	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR4	09:03:42	1.0	Surface	1	2	29.12	8	18.35	87.3	6.05	8.5	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR4	09:03:35	2.9	Bottom	3	1	29.13	7.98	20.02	88	6.04	8.8	4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR4	09:03:47	2.9	Bottom	3	2	29.13	7.99	19.13	87.8	6.06	8.7	3.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR5	09:09:30	1.0	Surface	1	1	26.51	7.87	12.48	89.9	6.74	3.7	4.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR5	09:09:07	1.0	Surface	1	2	26.47	7.84	12.72	87.8	6.57	3.5	4.1
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR5	09:08:57	3.8	Bottom	3	1	26.41	7.8	15.27	88.3	6.53	3.3	3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR5	09:09:16	3.8	Bottom	3	2	26.42	7.81	14.77	88.5	6.56	3.5	2.9
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:31	1.0	Surface	1	1	29	8	16.87	88.1	6.17	2.3	3.5
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:58	1.0	Surface	1	2	29.01	7.99	17.7	88.3	6.16	2.4	3.5
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:48	3.2	Middle	2	1	29.01	7.98	18.11	88.5	6.16	2.4	3.6
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:24	3.2	Middle	2	2	29	7.98	18.11	87.6	6.09	2.4	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:39	5.4	Bottom	3	1	29.02	7.98	18.2	88.8	6.17	2.4	4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10A	07:41:17	5.4	Bottom	3	2	29	7.97	18.27	88.1	6.12	2.4	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10B	07:31:39	1.0	Surface	1	1	29	7.98	16.99	88.3	6.19	2.5	3.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10B	07:31:54	1.0	Surface	1	2	29.01	7.99	17.07	88.8	6.21	2.5	4.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10B	07:31:46	4.2	Bottom	3	1	29	7.97	18.45	88.7	6.16	2.5	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	SR10B	07:31:32	4.2	Bottom	3	2	28.98	7.96	18.52	88.5	6.15	2.4	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:23:56	1.0	Surface	1	1	26.37	7.85	10.39	84.4	6.42	4.8	3.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:23:16	1.0	Surface	1	2	26.38	7.84	10.55	83.7	6.36	4.6	3.4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:23:06	3.8	Middle	2	1	26.25	7.79	12.65	79	5.94	4.8	3.5
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:23:41	3.8	Middle	2	2	26.1	7.8	12.66	76.5	5.77	4.5	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:23:31	6.6	Bottom	3	1	25.4	7.68	20.64	79	5.77	3.8	3.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS2	10:22:53	6.6	Bottom	3	2	25.53	7.67	20.27	80.3	5.86	4.1	2.4
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:19:02	1.0	Surface	1	1	28.75	8.01	18.43	79.6	5.49	3.4	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:18:29	1.0	Surface	1	2	28.71	8.03	18.24	80.1	5.49	3.4	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:18:51	6.1	Middle	2	1	28.32	7.98	22.1	77.5	5.26	3.5	3.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:18:20	6.1	Middle	2	2	27.96	7.98	21.5	78.5	5.43	3.6	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:18:41	11.1	Bottom	3	1	27.57	7.92	26.8	75	5.16	3.5	3.2
HKLR	HY/2011/03	2015-09-07	Mid-Ebb	Cloudy	CS(Mf)5	08:18:13	11.1	Bottom	3	2	27.66	7.92	26.83	75.4	5.24	3.6	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:58:12	1.0	Surface	1	1	29.23	8.05	19.05	80.4	5.54	7.5	2.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:57:42	1.0	Surface	1	2	29.25	8.05	19.29	81	5.58	7.5	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:57:33	4.3	Middle	2	1	28.84	7.99	21.31	80.3	5.41	7.4	2.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:58:02	4.3	Middle	2	2	28.78	7.97	22.62	77	5.2	7.7	2.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:57:56	7.6	Bottom	3	1	28.64	7.95	24.66	73.1	4.98	7.6	2.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS5	14:57:26	7.6	Bottom	3	2	28.74	7.96	24.75	75.3	5.16	7.5	3.8
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)6	15:08:24	1.0	Surface	1	1	29.42	8.07	18.49	92	6.34	2.8	2.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)6	15:08:43	1.0	Surface	1	2	29.38	8.08	18.59	94.1	6.49	2.8	3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)6	15:08:14	2.0	Bottom	3	1	29.49	8.04	20.92	92.7	6.3	2.8	2.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)6	15:08:34	2.0	Bottom	3	2	29.41	8.06	19.98	94	6.43	2.8	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS7	15:17:05	1.0	Surface	1	1	29.45	8.08	18.47	93.4	6.44	4.3	3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS7	15:16:46	1.0	Surface	1	2	29.44	8.07	18.87	92.6	6.37	4.5	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS7	15:16:56	2.0	Bottom	3	1	29.59	8.05	20.32	92.9	6.32	4.5	4.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS7	15:16:37	2.0	Bottom	3	2	29.46	8.05	20.95	92.6	6.29	4.4	5.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS8	15:38:16	1.0	Surface	1	1	29.22	8.05	17.96	89.1	6.19	8.7	6.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS8	15:38:02	1.0	Surface	1	2	29.18	8.05	17.98	89.3	6.2	8.7	6.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS8	15:37:55	2.9	Bottom	3	1	29.19	8.03	19.55	89.6	6.16	8.7	7.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS8	15:38:08	2.9	Bottom	3	2	29.23	8.02	20.19	89.6	6.14	8.6	7.2
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)9	15:23:17	1.0	Surface	1	1	29.18	8.04	18.44	86.2	5.97	8.6	7.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)9	15:23:02	1.0	Surface	1	2	29.2	8.04	18.59	87.2	6.03	8.7	6.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)9	15:22:53	2.6	Bottom	3	1	29.25	8.01	20.37	87.6	5.99	8.6	7.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS(Mf)9	15:23:07	2.6	Bottom	3	2	29.22	8.01	21.71	87.4	5.94	8.6	6.5
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:02:05	1.0	Surface	1	1	26.53	7.88	10.58	84.4	6.39	6.8	3.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:01:34	1.0	Surface	1	2	26.53	7.89	10.37	82.7	6.09	7	3.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:01:49	5.1	Middle	2	1	24.82	7.75	16.28	76.5	5.78	9.1	3.2
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:01:20	5.1	Middle	2	2	25.03	7.74	19.05	80.5	6.1	8.8	4.5
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:01:43	9.1	Bottom	3	1	24.7	7.74	21.08	71.5	5.3	9.5	3.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	IS10	16:01:14	9.1	Bottom	3	2	24.75	7.71	20.79	75.7	5.58	10.1	4.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR3	14:46:43	0.7	Middle	2	1	29.32	8.07	19.22	93.2	6.41	4.8	5.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR3	14:46:49	0.7	Middle	2	2	29.32	8.07	19.19	93.6	6.44	4.7	6.2
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR4	15:31:59	1.0	Surface	1	1	29.16	8.05	18.08	90.1	6.26	9.4	6.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR4	15:32:12	1.0	Surface	1	2	29.19	8.04	17.99	89.6	6.22	9.2	6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR4	15:31:53	2.8	Bottom	3	1	29.15	8.04	18.27	90.5	6.28	9.4	7.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR4	15:32:05	2.8	Bottom	3	2	29.18	8.03	19.69	90.4	6.21	9.3	6.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR5	15:53:22	1.0	Surface	1	1	26.49	7.86	10.07	89.7	6.82	5.9	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR5	15:53:47	1.0	Surface	1	2	26.46	7.86	10.24	88.3	6.7	6.3	2.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR5	15:53:13	4.1	Bottom	3	1	26.3	7.81	12.21	89.4	6.73	6.7	3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR5	15:53:37	4.1	Bottom	3	2	26.14	7.78	14.6	88	6.56	7.1	2.5
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:50	1.0	Surface	1	1	27.12	8.1	27.71	77.1	5.18	2.9	2.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:27	1.0	Surface	1	2	27.24	8.1	26.25	77.6	5.28	2.8	2.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:17	3.3	Middle	2	1	26.7	8.09	29.27	76.7	5.17	3	2.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:42	3.3	Middle	2	2	26.63	8.08	29.14	76.9	5.15	3	2.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:11	5.5	Bottom	3	1	26.84	8.08	29.56	76	5.14	2.8	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10A	16:59:34	5.5	Bottom	3	2	26.88	8.07	30.61	75.5	5.12	2.9	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10B	17:07:19	1.0	Surface	1	1	26.83	8.1	28.44	74.4	5.04	2.8	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10B	17:06:49	1.0	Surface	1	2	26.73	8.09	27.83	75.3	5.13	2.9	2.8
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10B	17:07:10	4.1	Bottom	3	1	26.44	8.08	30.37	73.6	4.96	2.8	3.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	SR10B	17:06:43	4.1	Bottom	3	2	26.73	8.08	29.95	75.5	5.08	2.8	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:37:47	1.0	Surface	1	1	26.67	7.9	13.42	92.1	6.85	3.5	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:36:48	1.0	Surface	1	2	26.63	7.92	13.39	93	6.92	3.9	3.3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:36:36	3.7	Middle	2	1	26.46	7.89	15.06	91.4	6.76	3.5	2.9
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:37:28	3.7	Middle	2	2	26.41	7.86	15.28	90.6	6.49	3.2	3
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:37:15	6.3	Bottom	3	1	26.03	7.76	22.08	85	6.09	4.6	2.7
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS2	14:35:45	6.3	Bottom	3	2	26.29	7.95	21.05	85.6	6.33	4.3	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:24:12	1.0	Surface	1	1	29.26	8.14	16.81	82.6	5.88	4.6	3.1
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:23:19	1.0	Surface	1	2	29.15	8.17	16.67	81.6	5.77	4.8	3.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:23:45	6.3	Middle	2	1	26.32	8.03	31.85	79.5	5.44	4.7	2.6
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:23:10	6.3	Middle	2	2	25.97	8.03	32.46	77.7	5.23	4.6	2.4
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:22:55	11.5	Bottom	3	1	25.29	7.98	35.18	72.7	5.03	4.6	2.2
HKLR	HY/2011/03	2015-09-07	Mid-Flood	Sunny	CS(Mf)5	16:23:33	11.5	Bottom	3	2	25.2	8	35.28	75.7	5.12	4.7	2.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:04:59	1.0	Surface	1	1	27.36	8.12	25.11	83.6	6.06	6.4	5.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:05:35	1.0	Surface	1	2	27.45	8.12	25.01	85.2	6.17	6.1	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:05:18	4.2	Middle	2	1	26.26	8.07	29.66	74.4	5.4	8.3	2.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:04:45	4.2	Middle	2	2	26.28	8.07	28.98	78.8	5.72	8.1	3.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:05:10	7.3	Bottom	3	1	26.04	8.06	31.26	80.3	5.78	8.8	3.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS5	12:04:40	7.3	Bottom	3	2	26.15	8.06	30.97	84.1	6.04	8.3	3.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)6	11:53:21	1.0	Surface	1	1	27.79	8.14	24.08	86.3	6.24	7.3	2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)6	11:53:05	1.0	Surface	1	2	27.96	8.15	23.91	91.6	6.6	7.8	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)6	11:52:54	2.2	Bottom	3	1	27.98	8.14	27.97	90.7	6.41	9.2	2.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)6	11:53:12	2.2	Bottom	3	2	27.29	8.09	28.65	87.7	6.25	9	2.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS7	11:44:52	1.0	Surface	1	1	28.16	8.2	22.45	94.5	6.78	4.2	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS7	11:44:25	1.0	Surface	1	2	27.99	8.17	22.64	92.1	6.66	4.3	2.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS7	11:44:34	2.6	Bottom	3	1	27.33	8.07	28.49	89.6	6.38	4.4	4.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS7	11:44:15	2.6	Bottom	3	2	27.3	8.06	28.7	89.1	6.34	4.5	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS8	11:11:22	1.0	Surface	1	1	27.8	8.14	24.82	90.1	6.48	5.5	3.5
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS8	11:11:43	1.0	Surface	1	2	27.95	8.15	24.99	97	6.93	5.1	4.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS8	11:11:28	2.6	Bottom	3	1	27.49	8.11	28.65	91.8	6.5	6.1	4.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS8	11:11:12	2.6	Bottom	3	2	27.16	8.09	28.99	88.9	6.33	6.6	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)9	11:37:57	1.0	Surface	1	1	28.04	8.13	23.73	100.4	7.2	4.3	3.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)9	11:38:19	1.0	Surface	1	2	27.99	8.12	23.76	95.9	6.89	4.4	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)9	11:37:47	2.5	Bottom	3	1	27.78	8.09	26.79	99.7	7.07	4.5	2.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS(Mf)9	11:38:09	2.5	Bottom	3	2	27.45	8.06	26.9	92.9	6.64	4.6	3.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:55:14	1.0	Surface	1	1	25.07	7.92	17.85	75.2	5.61	3	2.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:56:01	1.0	Surface	1	2	25.1	7.93	15.49	73.2	5.53	3.1	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:55:45	5.6	Middle	2	1	23.81	7.88	21.22	70.2	5.14	3	2.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:54:52	5.6	Middle	2	2	23.79	7.87	22.49	73.1	5.22	2.9	2.5
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:55:33	10.1	Bottom	3	1	23.29	7.83	25.15	69.8	5.04	3.1	2.5
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	IS10	10:54:43	10.1	Bottom	3	2	23.65	7.83	26.26	70.8	5.16	2.9	3.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR3	12:16:07	0.8	Middle	2	1	27.69	8.12	24.43	95.5	6.87	4.7	2.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR3	12:16:14	0.8	Middle	2	2	27.67	8.12	24.5	95.9	6.9	4.6	3.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR4	11:23:50	1.0	Surface	1	1	27.52	8.12	25.38	83.7	6.05	6.5	3.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR4	11:24:10	1.0	Surface	1	2	27.77	8.13	25.26	89.6	6.44	6.1	2.6
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR4	11:23:41	2.7	Bottom	3	1	27.11	8.07	29.18	82.3	5.88	6.2	3.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR4	11:23:58	2.7	Bottom	3	2	27.11	8.08	29.23	84.4	6.02	6.5	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR5	11:05:14	1.0	Surface	1	1	24.82	7.92	14.43	76.3	5.83	1.4	3.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR5	11:04:56	1.0	Surface	1	2	24.56	7.91	15	75.5	5.77	1.4	2.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR5	11:04:51	4.2	Bottom	3	1	24.6	7.88	18.71	74.9	5.71	1.4	3.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR5	11:05:06	4.2	Bottom	3	2	24.48	7.88	18.6	75.9	5.69	1.3	2.6
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:42:24	1.0	Surface	1	1	26.17	8.02	30.74	78.1	5.63	1.9	4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:43:14	1.0	Surface	1	2	26.18	8.03	30.77	78.6	5.67	2	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:42:12	3.4	Middle	2	1	26.06	8.02	31.18	77.5	5.59	2	1.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:42:58	3.4	Middle	2	2	26.09	8.03	31.08	77.1	5.56	2.1	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:42:03	5.7	Bottom	3	1	26.08	8.02	31.3	79.3	5.7	2	1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10A	09:42:47	5.7	Bottom	3	2	26.05	8.02	31.21	76.7	5.54	2.1	1.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10B	09:28:23	1.0	Surface	1	1	26.14	8	30.82	79.2	5.71	1.9	2.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10B	09:28:04	1.0	Surface	1	2	26.12	7.99	30.88	79.3	5.72	2	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10B	09:28:11	4.3	Bottom	3	1	26.12	8	30.9	79	5.7	2.1	3.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	SR10B	09:27:54	4.3	Bottom	3	2	26.11	7.99	30.92	80	5.76	2	2.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:16:32	1.0	Surface	1	1	25.19	7.98	13.03	79.7	6.03	3.5	2.2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:17:01	1.0	Surface	1	2	24.68	7.99	13.54	77.9	5.88	3.5	2.7
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:16:53	4.1	Middle	2	1	24.09	7.93	18.81	75.9	5.84	3.5	1.9
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:16:21	4.1	Middle	2	2	23.85	7.91	18.99	76.4	5.84	3.6	2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:16:42	7.1	Bottom	3	1	23.86	7.91	19.47	73.3	5.54	3.6	2.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS2	12:16:13	7.1	Bottom	3	2	23.89	7.9	19.04	73.4	5.55	3.6	2.3
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:23:44	1.0	Surface	1	1	26.73	8.14	28.09	84.5	6.09	2.7	1.4
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:24:31	1.0	Surface	1	2	26.7	8.13	28.26	86.7	6.24	2.6	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	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:24:05	6.7	Middle	2	1	25.42	8.07	34.41	72	5.18	4.2	3.1
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:23:23	6.7	Middle	2	2	25.42	8.07	34.47	70.5	5.08	4.5	2
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:23:16	12.4	Bottom	3	1	25.57	8.07	34.61	77.4	5.53	4.2	2.5
HKLR	HY/2011/03	2015-09-09	Mid-Ebb	Sunny	CS(Mf)5	10:23:55	12.4	Bottom	3	2	25.71	8.07	34.49	78.7	5.61	3.9	2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:25:17	1.0	Surface	1	1	28.39	8.27	24.05	93.9	6.39	11.5	5.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:25:43	1.0	Surface	1	2	28.52	8.29	24.08	99	6.72	11.9	4.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:25:08	4.0	Middle	2	1	27.65	8.21	26.41	85.6	5.82	11.3	3.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:25:32	4.0	Middle	2	2	27.64	8.21	26.54	89.3	6.07	12.5	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:25:24	7.0	Bottom	3	1	27.45	8.25	28.07	99	6.69	12.1	3.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS5	16:24:59	7.0	Bottom	3	2	27.22	8.22	28.32	92	6.23	12.1	3.5
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)6	16:35:44	1.0	Surface	1	1	28.71	8.34	25.04	123.7	8.32	5	2.6
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)6	16:35:58	1.0	Surface	1	2	28.71	8.34	25.06	124.1	8.35	4.9	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)6	16:35:49	2.1	Bottom	3	1	28.7	8.34	25.08	124	8.34	5.2	2.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)6	16:35:35	2.1	Bottom	3	2	28.7	8.34	25.06	121.8	8.2	5.6	4.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS7	16:42:11	1.0	Surface	1	1	28.72	8.35	25.02	125.3	8.43	6.1	2.5
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS7	16:41:54	1.0	Surface	1	2	28.71	8.34	25.08	124.6	8.38	5.6	2.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS7	16:42:02	2.1	Bottom	3	1	28.72	8.35	25.05	125	8.41	7.2	4.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS7	16:41:46	2.1	Bottom	3	2	28.71	8.34	25.11	124.8	8.39	6.5	3.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS8	17:15:26	1.0	Surface	1	1	27.66	8.21	27.02	95.3	6.46	13.4	11.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS8	17:15:09	1.0	Surface	1	2	27.65	8.21	27.03	95.6	6.48	13.1	13
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS8	17:15:15	2.4	Bottom	3	1	27.56	8.2	27.33	95.2	6.45	16.1	9.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS8	17:15:01	2.4	Bottom	3	2	27.57	8.2	27.28	95.8	6.49	15.2	10.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)9	16:51:39	1.0	Surface	1	1	28.38	8.3	25.14	108.7	7.35	5.9	5.6
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)9	16:51:54	1.0	Surface	1	2	28.36	8.3	25.19	108.3	7.33	6	4.6
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)9	16:51:29	2.5	Bottom	3	1	27.89	8.27	26.76	107.6	7.27	6.2	4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS(Mf)9	16:51:45	2.5	Bottom	3	2	28.08	8.28	27.06	108.2	7.27	6.3	4.6
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:39:55	1.0	Surface	1	1	25.1	8.04	17.71	93.2	6.99	5.4	5.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:39:18	1.0	Surface	1	2	25.22	8.05	17.32	91.6	6.83	5.4	4.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:39:37	5.6	Middle	2	1	24.29	7.96	18.68	92.8	6.92	5.5	5.5
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:39:01	5.6	Middle	2	2	24.3	7.95	18.68	86.2	6.48	5.4	5.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:38:50	10.1	Bottom	3	1	23.53	7.95	21.33	76.8	5.78	5.6	5.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	IS10	17:39:27	10.1	Bottom	3	2	23.62	7.98	21.29	81.5	6.13	5.5	4.7
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR3	16:10:18	0.7	Middle	2	1	28.66	8.39	22.88	114.7	7.82	4.7	3.8
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR3	16:10:14	0.7	Middle	2	2	28.64	8.37	22.84	112.5	7.67	4.9	4.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR4	17:04:04	1.0	Surface	1	1	27.65	8.21	26.98	95.7	6.48	14.6	11.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR4	17:03:51	1.0	Surface	1	2	27.64	8.21	26.97	96.7	6.55	14.5	10.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR4	17:03:55	2.5	Bottom	3	1	27.61	8.21	27.18	96.4	6.53	14.1	10.3
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR4	17:03:43	2.5	Bottom	3	2	27.61	8.22	27.16	98.9	6.7	15.5	11.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR5	17:29:07	1.0	Surface	1	1	25	8	17.71	89.2	6.67	6.8	4.7
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR5	17:29:28	1.0	Surface	1	2	25.05	8.02	17.34	90.3	6.76	6.6	6.3
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR5	17:29:19	4.6	Bottom	3	1	24.58	7.99	18.68	89.7	6.71	6.5	4.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR5	17:28:59	4.6	Bottom	3	2	24.68	7.98	18.82	88.5	6.61	6.6	5.7
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:33:06	1.0	Surface	1	1	26.1	8.14	31.36	76	5.48	3.2	1.8
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:32:37	1.0	Surface	1	2	26.11	8.14	31.31	76.5	5.51	3	2.6
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:32:58	3.4	Middle	2	1	26.08	8.14	31.52	75.9	5.47	3.3	3
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:32:26	3.4	Middle	2	2	26.07	8.15	31.57	76.9	5.54	3.3	1.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:32:16	5.7	Bottom	3	1	26.08	8.14	31.67	76.9	5.53	3.2	2.2
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10A	18:32:49	5.7	Bottom	3	2	26.07	8.14	31.66	76.1	5.48	3.1	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10B	18:44:34	1.0	Surface	1	1	26.11	8.12	31.27	75.3	5.43	3	2.5
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10B	18:44:52	1.0	Surface	1	2	26.11	8.12	31.24	75.2	5.43	2.9	2.8
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10B	18:44:42	4.4	Bottom	3	1	26.08	8.12	31.51	75.1	5.41	3	3.4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	SR10B	18:44:22	4.4	Bottom	3	2	26.09	8.12	31.51	75.3	5.43	2.9	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	2015-09-09	Mid-Flood	Sunny	CS2	16:12:51	1.0	Surface	1	1	25.15	8.07	23.64	86.5	6.23	3.5	2.7
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS2	16:12:12	1.0	Surface	1	2	24.59	8.08	23.97	85.8	6.18	3.6	4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS2	16:11:53	4.0	Middle	2	1	24.08	8.02	27.08	75.4	5.4	3.8	4.7
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS2	16:12:35	4.0	Middle	2	2	23.98	7.98	26.38	73.1	5.21	3.7	3.8
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS2	16:11:26	7.0	Bottom	3	1	23.62	8.11	29.29	73	5.3	3.8	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS2	16:12:27	7.0	Bottom	3	2	23.54	7.96	29.71	71.6	5.13	3.8	4.3
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:56:20	1.0	Surface	1	1	27	8.18	27.79	83.6	5.7	2.7	3
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:55:24	1.0	Surface	1	2	26.91	8.19	28.54	85.7	5.83	3	2.9
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:55:43	6.9	Middle	2	1	25.55	8.09	33.19	77.4	5.3	4.3	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:54:54	6.9	Middle	2	2	25.51	8.1	33.18	77	5.28	4.7	4.1
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:55:34	12.7	Bottom	3	1	25.89	8.11	32.94	72.2	4.88	4.5	4
HKLR	HY/2011/03	2015-09-09	Mid-Flood	Sunny	CS(Mf)5	17:54:45	12.7	Bottom	3	2	25.51	8.11	33.42	71	4.81	4.2	3.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:13:15	1.0	Surface	1	1	27.52	8.2	27.03	85.4	5.8	9.5	6.4
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:12:39	1.0	Surface	1	2	27.52	8.2	27.03	84.8	5.76	9.1	7
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:12:59	4.1	Middle	2	1	26.76	8.13	30.76	78.5	5.28	9.4	6.1
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:12:24	4.1	Middle	2	2	26.78	8.14	30.52	79.2	5.33	9.5	5.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:12:53	7.1	Bottom	3	1	26.82	8.14	30.88	74.4	5.01	9.5	5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS5	13:12:18	7.1	Bottom	3	2	26.82	8.14	30.87	74.7	5.04	9.6	5.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)6	13:00:16	1.0	Surface	1	1	27.71	8.33	28.34	108.5	7.29	9.8	10.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)6	13:00:30	1.0	Surface	1	2	27.72	8.3	27.97	107.7	7.21	9.7	11.7
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)6	13:00:07	2.2	Bottom	3	1	27.71	8.31	28.33	105.3	7.08	9.8	10.5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)6	13:00:22	2.2	Bottom	3	2	27.63	8.32	29.19	102.5	6.9	9.8	10.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS7	12:53:05	1.0	Surface	1	1	27.9	8.42	28.51	130.4	8.72	3.8	3.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS7	12:53:17	1.0	Surface	1	2	27.84	8.42	28.52	132.4	8.86	3.8	3.4
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS7	12:52:58	2.1	Bottom	3	1	27.88	8.42	28.54	132	8.83	3.9	4.7
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS7	12:53:10	2.1	Bottom	3	2	27.87	8.43	28.51	133	8.9	3.8	3.7
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS8	12:32:10	1.0	Surface	1	1	27.25	8.33	28.93	111.3	7.51	4.5	4.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS8	12:32:42	1.0	Surface	1	2	27.54	8.3	29.01	105.9	7.11	4.5	4.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS8	12:31:40	2.9	Bottom	3	1	27.7	8.35	28.77	117.5	7.88	4.4	4.8
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS8	12:32:31	2.9	Bottom	3	2	27.45	8.29	29.47	110.5	7.41	4.5	4.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)9	12:45:33	1.0	Surface	1	1	27.61	8.31	28.53	109.6	7.37	4.7	5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)9	12:45:21	1.0	Surface	1	2	27.61	8.31	28.54	109.2	7.34	4.9	5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)9	12:45:26	2.7	Bottom	3	1	27.57	8.31	28.65	110.5	7.43	4.8	5.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS(Mf)9	12:45:14	2.7	Bottom	3	2	27.58	8.31	28.65	109.1	7.33	4.9	6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:18:36	1.0	Surface	1	1	25.46	8	20.28	98.2	7.17	2.1	2.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:17:57	1.0	Surface	1	2	25.39	7.99	20.32	93.3	6.82	2.3	3.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:17:45	5.2	Middle	2	1	24.98	7.95	22.02	90.6	6.61	2.6	2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:18:15	5.2	Middle	2	2	24.94	7.95	22.51	91.5	6.66	2.7	2.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:18:07	9.3	Bottom	3	1	25.02	7.95	22.95	94.4	6.84	2.7	2.8
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	IS10	12:17:37	9.3	Bottom	3	2	24.9	7.95	22.77	92.2	6.7	2.7	4.1
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR3	13:20:58	0.6	Middle	2	1	27.59	8.22	27.01	96.1	6.52	6	5.4
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR3	13:20:52	0.6	Middle	2	2	27.61	8.22	26.99	96.2	6.53	5.9	5.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR4	12:37:44	1.0	Surface	1	1	27.58	8.3	28.7	103.8	6.98	6.5	2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR4	12:37:57	1.0	Surface	1	2	27.61	8.31	28.64	106	7.12	6.6	1.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR4	12:37:37	2.6	Bottom	3	1	27.51	8.29	29.72	103.5	6.92	6.6	2.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR4	12:37:50	2.6	Bottom	3	2	27.6	8.31	29.74	108.2	7.22	6.4	1.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR5	12:28:01	1.0	Surface	1	1	25.43	7.99	20.29	98.1	7.17	2	0.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR5	12:27:40	1.0	Surface	1	2	25.41	7.98	20.41	97	7.09	2.1	1.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR5	12:27:48	3.7	Bottom	3	1	25.29	7.97	21.24	97.8	7.12	2.1	1.4
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR5	12:27:29	3.7	Bottom	3	2	25.2	7.96	21.28	96.5	7.04	2.5	1.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:32	1.0	Surface	1	1	26.86	8.24	30.52	103.8	6.98	2.5	2.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:54	1.0	Surface	1	2	26.72	8.21	30.91	101.7	6.81	2.6	0.7

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	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:23	3.3	Middle	2	1	26.71	8.22	30.75	100.5	6.77	2.6	2.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:48	3.3	Middle	2	2	26.57	8.2	31.61	97.3	6.55	2.7	3.5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:41	5.6	Bottom	3	1	26.55	8.2	31.96	96.4	6.48	2.7	2.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10A	11:21:15	5.6	Bottom	3	2	26.74	8.22	31.74	99.6	6.68	2.7	2.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10B	11:14:00	1.0	Surface	1	1	26.51	8.18	31.89	106.5	7.14	2.5	3.7
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10B	11:13:46	1.0	Surface	1	2	26.59	8.19	31.61	105.7	7.07	2.5	3.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10B	11:13:35	3.8	Bottom	3	1	26.7	8.21	32.12	96.6	6.49	2.6	3.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	SR10B	11:13:52	3.8	Bottom	3	2	26.57	8.19	31.8	94.2	6.33	2.6	3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:42:56	1.0	Surface	1	1	25.1	7.95	14.42	80.4	6.11	5.3	3.6
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:42:23	1.0	Surface	1	2	25.04	7.94	15.12	81.5	6.18	5	2.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:42:05	3.8	Middle	2	1	24.48	7.9	18.29	77	5.79	7.2	3.2
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:42:44	3.8	Middle	2	2	24.46	7.9	18.36	76.6	5.76	6.9	2.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:42:33	6.5	Bottom	3	1	24.6	7.9	18.43	80.7	6.05	7.7	2.4
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS2	13:41:54	6.5	Bottom	3	2	24.5	7.88	18.41	79.9	6	7.3	2.5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:54:01	1.0	Surface	1	1	27.48	8.2	26.44	92.3	6.29	5.4	3.8
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:53:12	1.0	Surface	1	2	27.36	8.18	27.49	88.9	6.03	5.4	2.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:53:37	6.0	Middle	2	1	26.38	8.11	32.96	78.6	5.24	5.7	3.5
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:52:52	6.0	Middle	2	2	26.33	8.11	32.96	77.9	5.19	5.6	3.9
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:52:42	11.0	Bottom	3	1	26.1	8.1	34.56	71.3	4.78	5.6	3.3
HKLR	HY/2011/03	2015-09-11	Mid-Ebb	Fine	CS(Mf)5	11:53:26	11.0	Bottom	3	2	26.21	8.1	34.34	72	4.82	5.6	2.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:29	1.0	Surface	1	1	27.73	8.35	30.08	109	7.19	10.2	9.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:56	1.0	Surface	1	2	28.07	8.38	29.54	108.8	7.16	10.3	9.3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:47	4.2	Middle	2	1	27.37	8.3	31.06	96	6.39	10.2	8.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:23	4.2	Middle	2	2	27.37	8.31	30.63	100.5	6.69	10.1	10
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:14	7.3	Bottom	3	1	27.56	8.36	32.03	84.8	5.66	10.2	8.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS5	17:21:37	7.3	Bottom	3	2	27.77	8.37	31.85	85.2	5.69	10.5	9.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)6	17:29:35	1.0	Surface	1	1	28.37	8.49	29.17	113.6	7.47	7.4	12
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)6	17:29:45	1.0	Surface	1	2	28.37	8.5	29.18	114.5	7.53	7.2	12.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)6	17:29:38	2.0	Bottom	3	1	28.36	8.49	29.21	113.9	7.49	7.4	14.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)6	17:29:25	2.0	Bottom	3	2	28.36	8.49	29.17	112	7.37	7.3	16.7
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS7	17:36:39	1.0	Surface	1	1	28.37	8.5	29.28	116.2	7.64	8.6	7.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS7	17:37:02	1.0	Surface	1	2	28.38	8.51	29.25	117.2	7.7	8.5	8.3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS7	17:36:45	2.0	Bottom	3	1	28.37	8.5	29.3	116.8	7.68	8.6	9.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS7	17:36:32	2.0	Bottom	3	2	28.36	8.5	29.3	116.4	7.65	8.5	9.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS8	17:57:19	1.0	Surface	1	1	27.78	8.32	29.35	109.2	7.29	10.3	25.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS8	17:57:37	1.0	Surface	1	2	27.76	8.31	29.02	106.9	7.15	10.5	25
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS8	17:57:28	2.8	Bottom	3	1	27.74	8.31	30.02	110.6	7.36	10.4	20.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS8	17:57:10	2.8	Bottom	3	2	27.82	8.33	30.37	112	7.43	10.2	19.3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)9	17:44:45	1.0	Surface	1	1	27.66	8.33	29.58	104	6.94	7.9	6.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)9	17:45:40	1.0	Surface	1	2	27.56	8.3	29.47	103	6.89	7.9	6.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)9	17:44:49	2.7	Bottom	3	1	27.69	8.34	29.62	105.3	7.03	7.8	7.3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS(Mf)9	17:44:38	2.7	Bottom	3	2	27.65	8.33	29.75	102.8	6.86	7.8	6.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:30:32	1.0	Surface	1	1	25.51	8.01	13.31	91.9	6.98	5.3	3.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:29:52	1.0	Surface	1	2	25.38	7.98	14.46	90.7	6.86	5.7	3.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:30:18	5.2	Middle	2	1	24.83	7.94	15.78	86.9	6.59	8.5	3.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:29:41	5.2	Middle	2	2	24.83	7.93	16.55	87.1	6.58	8.4	3.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:30:08	9.3	Bottom	3	1	24.85	7.95	16.24	89.8	6.79	7.7	3.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	IS10	18:29:33	9.3	Bottom	3	2	24.82	7.93	16.71	88.9	6.7	7.2	2.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR3	17:12:28	0.8	Middle	2	1	28.44	8.51	29.48	137	9.04	7.2	6.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR3	17:12:22	0.8	Middle	2	2	28.44	8.51	29.48	135.7	8.95	7.2	6.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR4	17:53:17	1.0	Surface	1	1	27.83	8.33	29.25	114.2	7.62	8.7	27
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR4	17:52:59	1.0	Surface	1	2	27.86	8.34	28.74	116	7.75	8.6	28

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	2015-09-11	Mid-Flood	Fine	SR4	17:53:07	2.6	Bottom	3	1	27.83	8.33	29.35	115.2	7.68	8.8	28.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR4	17:52:51	2.6	Bottom	3	2	27.86	8.34	29.02	116	7.74	8.8	26.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR5	18:22:08	1.0	Surface	1	1	25.33	7.98	15.12	90.8	6.85	3.5	2.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR5	18:21:44	1.0	Surface	1	2	25.36	7.99	15.21	92.3	6.95	3.6	2.9
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR5	18:21:31	3.8	Bottom	3	1	24.99	7.95	17.6	91.7	6.86	4	3.6
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR5	18:21:58	3.8	Bottom	3	2	24.97	7.95	16.75	91	6.84	4.2	2.7
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:25:06	1.0	Surface	1	1	26.73	8.2	31.13	85.2	5.68	4.1	4.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:24:44	1.0	Surface	1	2	26.88	8.21	30.64	86.4	5.79	4	3.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:25:00	3.2	Middle	2	1	26.55	8.19	31.76	83.2	5.59	4.2	3.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:24:33	3.2	Middle	2	2	26.64	8.2	31.16	86.1	5.78	4.2	4.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:24:52	5.4	Bottom	3	1	26.63	8.19	32.75	82.6	5.55	4.3	3.7
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10A	19:24:27	5.4	Bottom	3	2	26.75	8.2	32.53	84.3	5.67	4.2	4.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10B	19:37:37	1.0	Surface	1	1	26.77	8.19	30.98	83.6	5.62	3.8	3.4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10B	19:36:56	1.0	Surface	1	2	26.72	8.19	30.95	82.4	5.55	3.9	3.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10B	19:36:46	4.1	Bottom	3	1	26.61	8.18	32.97	82.8	5.52	3.9	3.3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	SR10B	19:37:26	4.1	Bottom	3	2	26.4	8.17	33.12	83.9	5.61	3.8	3.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:04:30	1.0	Surface	1	1	25.98	8.12	20.12	110.7	8.02	2.3	3.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:04:04	1.0	Surface	1	2	26.01	8.17	20.25	113.6	8.22	2.2	3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:03:53	3.7	Middle	2	1	25.89	8.19	20.39	107.9	7.82	2.2	3.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:04:23	3.7	Middle	2	2	25.68	8.11	20.42	107.4	7.81	2.4	3.2
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:04:17	6.4	Bottom	3	1	25.31	8.08	22.49	107.3	7.76	2.6	3.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS2	17:03:47	6.4	Bottom	3	2	25.61	8.18	21.61	104.3	7.54	2.3	3
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:41:37	1.0	Surface	1	1	27.58	8.26	27.56	96.4	6.52	4.6	4.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:42:25	1.0	Surface	1	2	27.59	8.27	27.55	98.5	6.66	4.5	4
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:41:21	6.4	Middle	2	1	26.84	8.17	30.31	81.3	5.41	4.8	3.8
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:42:08	6.4	Middle	2	2	26.85	8.18	30.23	79.4	5.29	4.7	4.1
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:41:56	11.7	Bottom	3	1	26.17	8.14	34.47	77.9	5.25	4.9	4.5
HKLR	HY/2011/03	2015-09-11	Mid-Flood	Fine	CS(Mf)5	18:41:09	11.7	Bottom	3	2	26.28	8.14	34.15	78.3	5.28	4.8	4.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:49:00	1.0	Surface	1	1	27.31	7.89	28.66	90.1	6.03	6.8	7.8
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:49:16	1.0	Surface	1	2	27.32	7.88	28.77	90.1	6.03	6.7	6.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:49:11	4.1	Middle	2	1	27.28	7.88	28.91	88	5.89	6.9	5.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:48:56	4.1	Middle	2	2	27.27	7.89	28.82	88.7	5.94	7	6.6
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:49:07	7.1	Bottom	3	1	27.35	7.88	28.75	86.5	5.79	7.1	6
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS5	12:48:52	7.1	Bottom	3	2	27.34	7.89	28.69	86.9	5.82	7.2	7.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)6	12:55:14	1.0	Surface	1	1	27.54	7.87	28.17	93.1	6.23	6.2	6.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)6	12:55:05	1.0	Surface	1	2	27.53	7.87	28.16	92.5	6.19	6.3	7.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)6	12:55:01	2.2	Bottom	3	1	27.54	7.87	28.08	89.9	6.02	6.5	5.5
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)6	12:55:10	2.2	Bottom	3	2	27.57	7.87	28.1	90.7	6.07	6.4	5.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS7	13:00:51	1.0	Surface	1	1	27.67	7.89	27.61	95.5	6.39	4.3	5.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS7	13:00:40	1.0	Surface	1	2	27.7	7.89	27.6	96.5	6.46	4.2	6.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS7	13:00:35	2.2	Bottom	3	1	27.71	7.89	27.58	91.4	6.12	4.6	7.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS7	13:00:45	2.2	Bottom	3	2	27.74	7.89	27.59	93.1	6.23	4.6	6.2
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS8	13:19:01	1.0	Surface	1	1	27.68	7.85	28.36	91.7	6.14	5.2	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS8	13:18:48	1.0	Surface	1	2	27.64	7.85	28.4	91.4	6.12	5	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS8	13:18:54	2.7	Bottom	3	1	27.68	7.85	28.38	88.7	5.94	5.4	6.6
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS8	13:18:44	2.7	Bottom	3	2	27.65	7.85	28.4	89.5	5.99	5.3	6.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)9	13:07:54	1.0	Surface	1	1	27.29	7.84	28.41	92.9	6.22	4.4	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)9	13:07:09	1.0	Surface	1	2	27.45	7.86	28.27	92.6	6.2	4.8	5.2
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)9	13:07:04	2.3	Bottom	3	1	27.58	7.86	28.19	90.7	6.07	4.3	5.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS(Mf)9	13:07:48	2.3	Bottom	3	2	27.27	7.85	28.42	90.4	6.05	4.8	5.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS10	13:29:20	1.0	Surface	1	1	24.78	7.98	20.5	81.2	5.96	4.5	4.5
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS10	13:28:53	1.0	Surface	1	2	24.8	7.98	20.98	81.6	5.96	4.4	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	2015-09-14	Mid-Ebb	Sunny	IS10	13:29:12	5.5	Middle	2	1	24.37	7.96	22.2	79.3	5.85	4.4	5
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS10	13:28:44	5.5	Middle	2	2	24.37	7.96	22.8	79.6	5.86	4.5	4.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS10	13:29:05	9.9	Bottom	3	1	24.49	7.96	22.58	79	5.82	4.4	4.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	IS10	13:28:36	9.9	Bottom	3	2	24.52	7.96	23.07	79	5.8	4.4	3.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR3	12:42:43	0.6	Middle	2	1	27.38	7.96	27.59	87.1	5.83	6.8	7.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR3	12:42:47	0.6	Middle	2	2	27.39	7.96	27.65	86.6	5.8	6.7	5.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR4	13:13:03	1.0	Surface	1	1	27.25	7.83	28.69	93	6.26	5.6	6.2
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR4	13:12:53	1.0	Surface	1	2	27.28	7.83	28.63	94.6	6.33	5.5	5.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR4	13:12:59	2.8	Bottom	3	1	27.45	7.84	28.54	91	6.09	5.9	7.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR4	13:12:48	2.8	Bottom	3	2	27.5	7.84	28.49	91.9	6.15	5.8	7.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR5	13:17:51	1.0	Surface	1	1	24.99	7.97	23.85	88.8	6.41	2.7	4.2
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR5	13:17:37	1.0	Surface	1	2	24.89	7.97	25.4	88.8	6.37	2.6	4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR5	13:17:44	3.9	Bottom	3	1	24.92	7.97	25.07	88.6	6.36	2.6	4.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR5	13:17:31	3.9	Bottom	3	2	24.87	7.97	26.08	89.8	6.41	2.6	4.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:12:48	1.0	Surface	1	1	27.09	7.84	32.5	90.8	6.08	3.3	6.2
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:13:12	1.0	Surface	1	2	27.29	7.84	32.45	91.4	6.12	3.2	7.5
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:12:43	3.1	Middle	2	1	27.06	7.84	32.32	88.3	5.91	3.4	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:13:04	3.1	Middle	2	2	27.16	7.84	32.22	89	5.96	3.3	6.6
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:12:56	5.2	Bottom	3	1	27.21	7.84	32.31	87.4	5.85	3.5	6.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10A	14:12:38	5.2	Bottom	3	2	27.11	7.84	32.25	86.2	5.77	3.6	7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10B	14:18:35	1.0	Surface	1	1	26.95	7.84	32.81	86.6	5.8	5.5	9.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10B	14:18:50	1.0	Surface	1	2	26.99	7.84	32.69	84.6	5.66	5.6	9.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10B	14:18:42	3.9	Bottom	3	1	26.98	7.84	32.72	82.6	5.53	5.7	9.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	SR10B	14:18:27	3.9	Bottom	3	2	26.96	7.84	32.87	83.1	5.56	5.8	9.8
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:12:11	1.0	Surface	1	1	24.93	8.07	26.45	84.9	6.03	6.4	3.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:12:46	1.0	Surface	1	2	24.87	8.03	26.5	84.4	5.98	6.5	4.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:12:34	4.0	Middle	2	1	24.45	8.03	29.34	84.1	5.92	6.5	3.4
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:11:59	4.0	Middle	2	2	24.41	8.09	29.45	84.7	5.99	6.6	3.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:11:41	6.9	Bottom	3	1	24.43	8.15	29.78	82.4	5.82	6.8	2.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS2	12:12:23	6.9	Bottom	3	2	24.49	8.03	29.63	82.4	5.82	6.8	2.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:46:11	1.0	Surface	1	1	26.81	7.81	31.59	93.7	6.27	6.7	3.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:46:26	1.0	Surface	1	2	26.85	7.81	31.55	94.4	6.32	6.7	4.9
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:46:06	6.4	Middle	2	1	26.94	7.81	31.28	91.6	6.13	6.9	4.1
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:46:22	6.4	Middle	2	2	26.93	7.81	31.29	91.3	6.11	6.8	4.3
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:45:59	11.8	Bottom	3	1	26.87	7.81	31.15	90.2	6.04	7.2	4.7
HKLR	HY/2011/03	2015-09-14	Mid-Ebb	Sunny	CS(Mf)5	13:46:16	11.8	Bottom	3	2	26.83	7.81	31.41	89.5	5.99	7.1	3.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:31	1.0	Surface	1	1	27.14	7.8	28.9	90.1	6.03	5.2	10
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:47	1.0	Surface	1	2	27.12	7.8	28.98	90.7	6.07	5.3	10.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:43	4.2	Middle	2	1	27.12	7.79	29.01	88.4	5.92	5.5	6.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:26	4.2	Middle	2	2	27.12	7.8	28.98	87.4	5.85	5.4	7.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:38	7.3	Bottom	3	1	27.14	7.8	28.96	86.2	5.77	5.8	5.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS5	07:51:19	7.3	Bottom	3	2	27.14	7.8	28.95	85.6	5.73	5.8	4.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)6	07:43:53	1.0	Surface	1	1	27.08	7.82	28.32	94.9	6.35	4.9	6.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)6	07:44:02	1.0	Surface	1	2	27.08	7.82	28.35	94.1	6.3	5.1	5.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)6	07:43:48	2.3	Bottom	3	1	27.1	7.82	28.28	92.5	6.19	5.2	5.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)6	07:43:57	2.3	Bottom	3	2	27.1	7.82	28.2	91.4	6.12	5.2	5.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS7	07:38:33	1.0	Surface	1	1	27.11	7.82	28.26	93.8	6.28	4.5	3.9
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS7	07:38:20	1.0	Surface	1	2	27.12	7.82	28.24	95	6.36	4.6	3.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS7	07:38:12	2.4	Bottom	3	1	27.19	7.82	28.1	90.7	6.07	4.8	5.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS7	07:38:27	2.4	Bottom	3	2	27.19	7.82	28.15	92.2	6.17	5	5.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS8	07:19:58	1.0	Surface	1	1	26.91	7.77	29.29	87.7	5.87	6.2	4.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS8	07:19:44	1.0	Surface	1	2	26.91	7.77	29.32	88.4	5.92	6.2	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS8	07:19:52	2.7	Bottom	3	1	26.94	7.77	29.24	84.9	5.68	6.4	4.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS8	07:19:38	2.7	Bottom	3	2	26.93	7.77	29.27	83.1	5.56	6.5	5.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)9	07:32:42	1.0	Surface	1	1	26.95	7.79	28.95	91.3	6.11	5	6.9
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)9	07:32:53	1.0	Surface	1	2	26.97	7.79	28.94	90.4	6.05	4.9	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)9	07:32:47	2.5	Bottom	3	1	27.01	7.79	28.9	88	5.89	5	5.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS(Mf)9	07:32:36	2.5	Bottom	3	2	27	7.79	28.92	87.4	5.85	5.1	4.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:54	1.0	Surface	1	1	24.2	7.91	27.58	75.5	5.37	14.5	7.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:25	1.0	Surface	1	2	24.21	7.91	27.48	75.8	5.4	14.1	7.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:46	5.3	Middle	2	1	24.11	7.9	28.88	74.8	5.36	14.3	8.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:17	5.3	Middle	2	2	24.1	7.9	28.92	75.6	5.38	14.1	7.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:10	9.6	Bottom	3	1	24.11	7.89	29.07	74.9	5.34	14.5	11.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	IS10	07:11:37	9.6	Bottom	3	2	24.13	7.89	29.12	74.6	5.31	14.2	11.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR3	07:58:02	0.7	Middle	2	1	27.15	7.79	28.95	85.5	5.72	5.3	6.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR3	07:58:07	0.7	Middle	2	2	27.14	7.79	28.97	85.9	5.75	5.4	7.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR4	07:26:17	1.0	Surface	1	1	26.93	7.77	29.33	89.2	5.97	6.5	4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR4	07:26:05	1.0	Surface	1	2	26.94	7.77	29.3	89	5.96	6.5	4.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR4	07:25:59	2.8	Bottom	3	1	26.98	7.77	29.22	86.9	5.82	6.8	8.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR4	07:26:11	2.8	Bottom	3	2	26.98	7.77	29.25	85.9	5.75	6.7	7.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR5	07:21:02	1.0	Surface	1	1	24.24	7.9	27.61	76.3	5.46	10.4	8.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR5	07:20:49	1.0	Surface	1	2	24.23	7.9	27.71	76.1	5.45	10.5	8.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR5	07:20:42	4.1	Bottom	3	1	24.21	7.89	28.02	75.7	5.41	10.5	7.9
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR5	07:20:54	4.1	Bottom	3	2	24.23	7.9	27.9	76.3	5.45	10.6	8.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:24:03	1.0	Surface	1	1	26.49	7.79	34.2	88.3	5.91	4.2	2.6
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:23:44	1.0	Surface	1	2	26.49	7.79	34.22	86.5	5.79	4.3	2.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:23:38	3.2	Middle	2	1	26.49	7.79	34.49	83.7	5.6	4.3	3.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:23:57	3.2	Middle	2	2	26.48	7.79	34.48	85.3	5.71	4.3	3.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:23:52	5.4	Bottom	3	1	26.49	7.79	34.4	82.8	5.54	4.5	5.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10A	06:23:34	5.4	Bottom	3	2	26.5	7.78	34.49	82.2	5.5	4.5	4.7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10B	06:19:52	1.0	Surface	1	1	26.44	7.75	35.51	85.6	5.73	6.5	7.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10B	06:20:08	1.0	Surface	1	2	26.44	7.76	35.35	84.7	5.67	6.5	7.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10B	06:20:01	4.0	Bottom	3	1	26.44	7.76	35.42	81.3	5.44	6.7	6.1
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	SR10B	06:19:46	4.0	Bottom	3	2	26.44	7.75	35.59	82	5.49	6.7	7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:37:07	1.0	Surface	1	1	24.29	7.92	22.24	77	5.64	10.3	8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:36:41	1.0	Surface	1	2	24.33	7.92	22.56	76.9	5.62	10.5	8.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:36:33	4.1	Middle	2	1	24.22	7.9	24.04	76.8	5.61	10.5	7.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:37:00	4.1	Middle	2	2	24.2	7.91	23.53	75.9	5.6	10.5	7.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:36:53	7.2	Bottom	3	1	24.22	7.9	23.72	75.7	5.55	10.8	6.8
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS2	08:36:21	7.2	Bottom	3	2	24.19	7.89	24.38	75.5	5.52	10.2	8.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:55:50	1.0	Surface	1	1	26.51	7.81	32.93	88.9	5.95	7.6	5.4
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:56:16	1.0	Surface	1	2	26.52	7.81	32.9	90.2	6.04	7.7	5.5
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:55:42	6.5	Middle	2	1	26.5	7.8	34.54	86.6	5.8	7.7	6.3
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:56:09	6.5	Middle	2	2	26.5	7.8	34.53	86.8	5.81	7.8	7
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:55:35	11.9	Bottom	3	1	26.54	7.8	34.51	82.9	5.55	7.9	6.2
HKLR	HY/2011/03	2015-09-14	Mid-Flood	Sunny	CS(Mf)5	06:56:01	11.9	Bottom	3	2	26.52	7.8	34.52	83.1	5.56	8	6.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:55	1.0	Surface	1	1	27.82	8.22	32.28	86.2	5.66	13	11
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:26	1.0	Surface	1	2	27.82	8.23	32.12	86	5.65	13.1	10.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:45	4.5	Middle	2	1	27.8	8.23	32.45	85.7	5.62	13.3	13.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:19	4.5	Middle	2	2	27.79	8.23	32.29	85.8	5.63	13.2	12.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:35	7.9	Bottom	3	1	27.8	8.23	32.47	86.1	5.64	13.4	13.6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS5	13:32:09	7.9	Bottom	3	2	27.78	8.24	32.34	86	5.65	13.6	14.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)6	13:39:58	1.0	Surface	1	1	27.86	8.2	32.17	87.6	5.74	8.4	7.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)6	13:39:42	1.0	Surface	1	2	27.83	8.2	32.18	87.5	5.74	8.5	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	2015-09-16	Mid-Ebb	Fine	IS(Mf)6	13:39:48	2.2	Bottom	3	1	27.81	8.2	32.36	87.5	5.74	8.4	6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)6	13:39:34	2.2	Bottom	3	2	27.81	8.2	32.32	87.9	5.76	8.6	6.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS7	13:45:55	1.0	Surface	1	1	27.89	8.21	32.26	93.2	6.1	9.4	6.9
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS7	13:45:40	1.0	Surface	1	2	27.89	8.2	32.29	92.4	6.05	9.2	6.5
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS7	13:45:30	2.2	Bottom	3	1	27.86	8.2	32.45	92.2	6.04	9.6	8.3
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS7	13:45:47	2.2	Bottom	3	2	27.89	8.21	32.33	92.7	6.07	9.4	8.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS8	14:07:40	1.0	Surface	1	1	27.78	8.18	31.96	87.7	5.77	6.4	8.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS8	14:07:28	1.0	Surface	1	2	27.8	8.18	31.92	87.8	5.77	6.3	8.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS8	14:07:34	2.7	Bottom	3	1	27.79	8.18	32.03	87.8	5.77	6.5	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS8	14:07:19	2.7	Bottom	3	2	27.79	8.18	31.99	87.1	5.73	6.2	6.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)9	13:52:24	1.0	Surface	1	1	27.82	8.18	32.12	88.8	5.83	7.5	5.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)9	13:52:09	1.0	Surface	1	2	27.81	8.19	32.11	89	5.84	7.8	6.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)9	13:52:02	2.6	Bottom	3	1	27.8	8.19	32.2	89.1	5.85	7.6	6.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS(Mf)9	13:52:17	2.6	Bottom	3	2	27.82	8.19	32.19	89	5.84	7.5	6.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:21:45	1.0	Surface	1	1	25.14	7.99	16.89	83.6	6.26	6.6	5
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:21:13	1.0	Surface	1	2	25.02	7.98	17.12	82.8	6.2	6.9	5.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:21:31	5.2	Middle	2	1	24.75	7.97	19.1	81.5	6.07	6.2	6.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:21:03	5.2	Middle	2	2	24.73	7.96	18.97	82.2	6.13	6.6	6.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:20:56	9.4	Bottom	3	1	24.74	7.95	19.16	83.7	6.23	7.7	7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	IS10	14:21:25	9.4	Bottom	3	2	24.81	7.97	19.18	82.7	6.15	7.6	6.6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR3	13:21:33	0.8	Middle	2	1	27.83	8.3	30.21	88.4	5.87	10.7	11.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR3	13:21:40	0.8	Middle	2	2	27.83	8.29	30.4	88.2	5.84	10.7	12.1
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR4	14:00:34	1.0	Surface	1	1	27.78	8.18	31.93	88.1	5.79	6.1	6.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR4	14:00:22	1.0	Surface	1	2	27.8	8.18	31.92	88.7	5.83	6.5	6.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR4	14:00:27	2.9	Bottom	3	1	27.79	8.18	31.98	88.7	5.83	6.4	6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR4	14:00:15	2.9	Bottom	3	2	27.8	8.18	31.96	88.9	5.84	6.2	6.6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR5	14:12:17	1.0	Surface	1	1	25.1	7.99	18.08	85	6.33	5.3	6.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR5	14:12:36	1.0	Surface	1	2	25.09	7.99	17.4	84.5	6.31	5.6	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR5	14:12:26	4.1	Bottom	3	1	24.87	7.97	19.86	84.7	6.26	6.9	7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR5	14:12:06	4.1	Bottom	3	2	24.92	7.98	20.13	85	6.28	6.5	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:20:55	1.0	Surface	1	1	27.52	8.22	33.1	83.8	5.45	3.7	3.9
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:21:15	1.0	Surface	1	2	27.51	8.21	33.14	84.1	5.46	3.6	3.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:21:09	3.3	Middle	2	1	27.31	8.2	34.73	83.9	5.45	3.6	3.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:20:46	3.3	Middle	2	2	27.26	8.21	34.83	83.4	5.43	3.7	3.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:20:40	5.5	Bottom	3	1	27.4	8.21	34.8	82.2	5.36	3.7	3.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10A	15:21:02	5.5	Bottom	3	2	27.49	8.2	34.79	82.4	5.37	3.6	3.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10B	15:31:19	1.0	Surface	1	1	27.59	8.21	33.22	85.7	5.61	3.8	4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10B	15:31:38	1.0	Surface	1	2	27.58	8.21	33.26	84.9	5.56	3.8	4.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10B	15:31:10	4.0	Bottom	3	1	27.6	8.2	34.75	86.6	5.62	3.8	3.5
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	SR10B	15:31:27	4.0	Bottom	3	2	27.44	8.2	34.85	85.2	5.54	3.8	4.3
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:05:02	1.0	Surface	1	1	25.07	8.1	26.43	84.4	5.99	6.3	5.2
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:04:27	1.0	Surface	1	2	25.11	8.16	26.45	86.6	6.15	5.9	4.9
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:04:52	3.8	Middle	2	1	24.85	8.1	28.38	83.6	5.9	7.8	5.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:04:14	3.8	Middle	2	2	24.87	8.2	28.38	86.4	6.09	7.7	5.4
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:04:44	6.5	Bottom	3	1	24.85	8.11	28.56	84.5	5.95	8.5	5.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS2	13:03:56	6.5	Bottom	3	2	24.87	8.37	28.7	92.4	6.5	8.4	5.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:48:16	1.0	Surface	1	1	27.42	8.19	32.87	78.2	5.15	7	6.3
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:47:48	1.0	Surface	1	2	27.4	8.19	33.03	78.8	5.15	7.2	5.6
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:48:08	6.2	Middle	2	1	27.18	8.19	34.64	78	5.07	6.9	6.3
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:47:38	6.2	Middle	2	2	27.18	8.19	34.77	78.3	5.1	7.2	6.8
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:47:59	11.3	Bottom	3	1	27.24	8.17	35.54	77	5.04	7.1	7.7
HKLR	HY/2011/03	2015-09-16	Mid-Ebb	Fine	CS(Mf)5	14:47:27	11.3	Bottom	3	2	27.23	8.18	35.24	77.4	5.06	7.1	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	2015-09-16	Mid-Flood	Fine	IS5	09:17:21	1.0	Surface	1	1	27.55	8.15	31.2	84.7	5.61	7.7	9.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS5	09:16:47	1.0	Surface	1	2	27.57	8.15	31.32	84.9	5.62	8.3	8.9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS5	09:16:38	4.4	Middle	2	1	27.59	8.15	31.52	84.8	5.61	8.1	8.2
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS5	09:17:05	4.4	Middle	2	2	27.6	8.15	31.55	84.4	5.58	8.2	8.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS5	09:16:27	7.8	Bottom	3	1	27.58	8.15	31.5	85.1	5.63	8	9.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS5	09:16:59	7.8	Bottom	3	2	27.59	8.15	31.57	84.6	5.59	8.3	8.9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)6	09:06:06	1.0	Surface	1	1	27.66	8.17	31.52	86.8	5.73	7.1	9.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)6	09:05:40	1.0	Surface	1	2	27.66	8.17	31.5	87.2	5.76	7.1	9.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)6	09:05:32	2.2	Bottom	3	1	27.66	8.17	31.51	87.3	5.77	7.3	9.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)6	09:05:57	2.2	Bottom	3	2	27.65	8.17	31.53	86.8	5.73	7.2	10
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS7	08:59:23	1.0	Surface	1	1	27.57	8.15	31.56	86.3	5.71	6.5	7.8
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS7	08:59:36	1.0	Surface	1	2	27.57	8.15	31.56	86.1	5.69	6.6	7.5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS7	08:59:15	2.2	Bottom	3	1	27.57	8.15	31.57	86.6	5.72	6.5	8.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS7	08:59:29	2.2	Bottom	3	2	27.57	8.15	31.58	86.1	5.69	6.6	9.2
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS8	08:37:42	1.0	Surface	1	1	27.37	8.13	31.13	82.6	5.49	8.3	7.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS8	08:37:52	1.0	Surface	1	2	27.36	8.13	31.17	81.9	5.45	8.2	6.2
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS8	08:37:46	3.0	Bottom	3	1	27.37	8.13	31.27	82.3	5.47	8.2	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS8	08:37:35	3.0	Bottom	3	2	27.38	8.13	31.25	83.5	5.55	8.4	6.9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)9	08:53:56	1.0	Surface	1	1	27.34	8.13	31.63	83.4	5.53	5.3	7.6
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)9	08:53:42	1.0	Surface	1	2	27.34	8.13	31.64	83.8	5.56	5.3	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)9	08:53:35	2.7	Bottom	3	1	27.34	8.13	31.67	84	5.58	5.3	7.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS(Mf)9	08:53:48	2.7	Bottom	3	2	27.34	8.13	31.67	83.6	5.55	5.4	8.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:34:57	1.0	Surface	1	1	24.74	7.92	22.22	82.3	6.02	8	9.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:34:02	1.0	Surface	1	2	24.75	7.92	22.59	83.6	6.1	8.6	8.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:34:34	5.2	Middle	2	1	24.73	7.92	22.58	82	5.99	7.8	10.6
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:33:51	5.2	Middle	2	2	24.72	7.91	23.42	86.2	6.27	8	10.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:34:24	9.4	Bottom	3	1	24.73	7.92	22.72	82.5	6.02	8.9	9.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	IS10	08:33:44	9.4	Bottom	3	2	24.71	7.91	23.61	88.3	6.41	9.4	9.8
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR3	09:26:08	0.8	Middle	2	1	27.55	8.14	31.18	84.9	5.63	7.6	7.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR3	09:26:03	0.8	Middle	2	2	27.55	8.14	31.17	85	5.64	7.4	8.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR4	08:43:00	1.0	Surface	1	1	27.37	8.13	31.07	81.4	5.42	9.4	7.5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR4	08:43:14	1.0	Surface	1	2	27.37	8.13	31.04	81.7	5.43	9.4	7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR4	08:43:07	3.0	Bottom	3	1	27.36	8.13	31.29	81.6	5.42	9.6	7.2
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR4	08:42:52	3.0	Bottom	3	2	27.37	8.13	31.33	81.6	5.42	9.6	7.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR5	08:41:43	1.0	Surface	1	1	24.74	7.91	21.49	81.4	5.98	8.3	11.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR5	08:41:56	1.0	Surface	1	2	24.74	7.91	21.47	81.6	6	8.5	10.5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR5	08:41:31	4.1	Bottom	3	1	24.74	7.91	21.85	81.6	5.98	8.6	10.9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR5	08:41:50	4.1	Bottom	3	2	24.74	7.91	21.59	81.8	6.01	8.4	7.8
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:41:43	1.0	Surface	1	1	27.19	8.15	33.98	79	5.19	5.3	5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:42:09	1.0	Surface	1	2	27.19	8.15	34.03	78.8	5.18	5.5	4.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:41:58	3.3	Middle	2	1	27.18	8.14	34.27	78.9	5.17	5.5	9.9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:41:36	3.3	Middle	2	2	27.18	8.14	34.26	79	5.18	5.4	8.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:41:30	5.6	Bottom	3	1	27.18	8.14	34.26	78.9	5.18	5.5	9
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10A	07:41:50	5.6	Bottom	3	2	27.19	8.14	34.17	78.8	5.17	5.5	8.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10B	07:32:20	1.0	Surface	1	1	27.18	8.14	34.12	79.4	5.21	5.2	7.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10B	07:31:52	1.0	Surface	1	2	27.2	8.13	33.88	79.5	5.22	5.4	6.5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10B	07:31:45	3.9	Bottom	3	1	27.19	8.13	34.01	79.5	5.22	5.4	6
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	SR10B	07:32:11	3.9	Bottom	3	2	27.17	8.13	34.24	79.4	5.21	5.4	6.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:54:05	1.0	Surface	1	1	24.88	7.92	18.43	81.6	6.09	7.4	8.5
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:54:40	1.0	Surface	1	2	24.85	7.93	17.91	81.7	6.11	7.7	8.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:53:51	3.9	Middle	2	1	24.78	7.92	19.17	80.8	6.01	9.8	5.6
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:54:27	3.9	Middle	2	2	24.78	7.92	19.24	81.4	6.05	10.2	6.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:53:41	6.7	Bottom	3	1	24.77	7.92	19.13	80.7	6	9.4	4.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS2	09:54:19	6.7	Bottom	3	2	24.78	7.91	19.17	81	6.03	9.8	5.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:11:53	1.0	Surface	1	1	27.25	8.16	32.14	80.7	5.28	6.5	5.1
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:12:20	1.0	Surface	1	2	27.24	8.16	32.15	79.9	5.24	6.6	4.4
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:11:44	5.9	Middle	2	1	27.14	8.15	34.54	80.3	5.25	6.9	4.8
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:12:11	5.9	Middle	2	2	27.15	8.15	34.49	80	5.24	6.8	4.7
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:11:37	10.7	Bottom	3	1	27.17	8.14	34.6	78.9	5.17	6.8	5.3
HKLR	HY/2011/03	2015-09-16	Mid-Flood	Fine	CS(Mf)5	08:12:03	10.7	Bottom	3	2	27.19	8.14	34.54	78.3	5.13	6.9	6.4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:31:33	1.0	Surface	1	1	28.16	8.19	32.78	86.5	5.61	9.7	5.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:32:09	1.0	Surface	1	2	28.21	8.18	32.78	86.2	5.6	9.9	7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:31:26	4.1	Middle	2	1	28.07	8.19	32.84	86.2	5.6	11.1	6.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:31:59	4.1	Middle	2	2	27.98	8.18	32.94	85.1	5.55	10.3	6.2
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:31:16	7.1	Bottom	3	1	28.03	8.19	32.79	85.3	5.56	10.5	6.9
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS5	14:31:52	7.1	Bottom	3	2	27.93	8.18	32.93	84.8	5.53	10.5	6.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)6	14:38:42	1.0	Surface	1	1	28.45	8.17	31.16	90.8	5.93	7.6	2.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)6	14:38:28	1.0	Surface	1	2	28.42	8.17	31.3	90.6	5.92	7.3	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)6	14:38:34	2.3	Bottom	3	1	28.19	8.17	32.08	90.1	5.88	7.5	2.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)6	14:38:21	2.3	Bottom	3	2	28.35	8.17	32.21	90.8	5.91	7.4	3.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS7	14:43:47	1.0	Surface	1	1	28.17	8.16	31.26	90.4	5.93	6.2	4.2
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS7	14:43:35	1.0	Surface	1	2	28.1	8.16	31.37	90.5	5.94	6.1	4.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS7	14:43:40	2.4	Bottom	3	1	28.13	8.16	31.56	90.7	5.94	6.3	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS7	14:43:29	2.4	Bottom	3	2	28.11	8.16	31.61	91.6	6	6.2	3.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS8	15:07:16	1.0	Surface	1	1	28.23	8.16	30.45	88.5	5.82	10.7	3.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS8	15:07:01	1.0	Surface	1	2	28.13	8.16	30.94	88.3	5.8	10.5	4.8
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS8	15:06:53	3.1	Bottom	3	1	27.97	8.15	31.59	87.7	5.76	10.6	5.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS8	15:07:08	3.1	Bottom	3	2	28.06	8.15	31.42	88.2	5.79	10.8	4.5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)9	14:50:13	1.0	Surface	1	1	28.13	8.17	31.02	91.9	6.04	5.6	4.5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)9	14:50:34	1.0	Surface	1	2	28.11	8.17	31.06	91.8	6.03	5.7	3.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)9	14:50:04	2.7	Bottom	3	1	28.15	8.17	31.16	91.9	6.03	5.5	3.8
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS(Mf)9	14:50:24	2.7	Bottom	3	2	28.02	8.17	31.45	91.8	6.03	5.6	3.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:16:40	1.0	Surface	1	1	25.98	7.77	13.51	83	6.21	4.9	2.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:17:01	1.0	Surface	1	2	25.95	7.77	14.38	82.6	6.18	4.8	2.5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:16:56	5.1	Middle	2	1	25.43	7.75	14.8	82.4	6.2	4.9	3.8
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:16:36	5.1	Middle	2	2	25.44	7.75	14.82	82.4	6.11	5.1	4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:16:51	9.2	Bottom	3	1	25.39	7.73	17.8	82.3	6.21	5.2	3.8
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	IS10	15:16:30	9.2	Bottom	3	2	25.39	7.71	18.04	82	6.18	5.3	3.5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR3	14:21:44	0.7	Middle	2	1	28.24	8.26	32.05	89.5	5.84	8.4	7.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR3	14:21:50	0.7	Middle	2	2	28.24	8.25	32.12	89	5.8	8.6	7.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR4	15:00:54	1.0	Surface	1	1	28.08	8.16	30.6	88.3	5.82	9.4	4.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR4	15:00:30	1.0	Surface	1	2	28.13	8.16	30.64	88.8	5.85	9.6	5.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR4	15:00:23	2.8	Bottom	3	1	28.01	8.16	31.4	88.8	5.84	9.5	5.5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR4	15:00:47	2.8	Bottom	3	2	27.91	8.15	31.68	88	5.79	9.5	5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR5	15:09:38	1.0	Surface	1	1	25.9	7.77	19.01	86	6.09	6.2	3.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR5	15:09:56	1.0	Surface	1	2	25.43	7.79	18.51	85.5	6.25	6.3	4.2
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR5	15:09:49	3.6	Bottom	3	1	25.39	7.73	24.06	81.9	6.15	6.4	4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR5	15:09:28	3.6	Bottom	3	2	25.42	7.73	24.31	81.2	6.07	6.4	3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:23:19	1.0	Surface	1	1	27.87	8.19	33.61	82.4	5.36	4.2	2.9
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:22:43	1.0	Surface	1	2	27.88	8.19	33.6	82.5	5.36	4.1	3.4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:22:56	3.3	Middle	2	1	27.72	8.19	34.09	82	5.3	4.5	3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:22:26	3.3	Middle	2	2	27.74	8.19	34.08	82.3	5.35	4.3	4.2
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:22:18	5.5	Bottom	3	1	27.79	8.18	34.22	81.3	5.29	4.4	3.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10A	16:22:49	5.5	Bottom	3	2	27.82	8.18	34.91	81.3	5.29	4.5	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	2015-09-18	Mid-Ebb	Fine	SR10B	16:32:04	1.0	Surface	1	1	27.78	8.19	33.88	81.3	5.29	4.8	3.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10B	16:31:51	1.0	Surface	1	2	27.79	8.19	33.81	81.7	5.31	4.8	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10B	16:31:42	4.0	Bottom	3	1	27.79	8.19	34.08	81.4	5.29	4.8	3.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	SR10B	16:31:57	4.0	Bottom	3	2	27.78	8.19	34.16	81.4	5.29	4.8	3.4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:01:32	1.0	Surface	1	1	25.29	7.89	23.04	83.6	6.01	8	4.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:00:55	1.0	Surface	1	2	25.57	7.96	23.66	83.2	5.95	7.9	3.9
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:01:20	3.9	Middle	2	1	24.96	7.87	27.9	81.8	5.76	8.2	5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:00:44	3.9	Middle	2	2	25.02	7.98	27.59	82.9	5.85	8.2	4.6
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:01:12	6.7	Bottom	3	1	24.99	7.87	28.15	80.2	5.66	8.6	4.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS2	14:00:33	6.7	Bottom	3	2	24.95	8.06	28.29	80.6	5.81	8.5	5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:42:43	1.0	Surface	1	1	28.57	8.19	27.41	82.7	5.51	4.9	5
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:43:16	1.0	Surface	1	2	28.92	8.19	27.16	81.8	5.42	4.8	5.3
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:42:33	6.3	Middle	2	1	27.58	8.17	33.63	80.4	5.19	4.8	4.4
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:43:06	6.3	Middle	2	2	27.53	8.17	33.58	80.7	5.21	4.8	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:42:10	11.5	Bottom	3	1	27.58	8.14	35.78	78.6	5.14	4.9	4.7
HKLR	HY/2011/03	2015-09-18	Mid-Ebb	Fine	CS(Mf)5	15:42:57	11.5	Bottom	3	2	27.67	8.14	35.66	78.5	5.14	4.9	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:57	1.0	Surface	1	1	27.78	8.14	30.84	84.8	5.61	7.3	7.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:33	1.0	Surface	1	2	27.8	8.14	30.8	85.3	5.64	7.1	6.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:24	4.4	Middle	2	1	27.74	8.14	30.99	84.9	5.62	7.5	6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:48	4.4	Middle	2	2	27.71	8.14	31.05	84.6	5.6	7.5	6.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:15	7.8	Bottom	3	1	27.76	8.14	30.98	84.6	5.6	7.2	6.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS5	10:43:42	7.8	Bottom	3	2	27.74	8.14	31.04	84.1	5.57	7.4	6.9
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)6	10:31:46	1.0	Surface	1	1	27.78	8.15	30.53	87.8	5.82	7.7	7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)6	10:32:00	1.0	Surface	1	2	27.78	8.15	30.51	87.5	5.8	7.9	7.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)6	10:31:50	2.1	Bottom	3	1	27.73	8.14	30.69	87.5	5.8	7.8	6.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)6	10:31:37	2.1	Bottom	3	2	27.73	8.15	30.7	88	5.84	7.7	7.4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS7	10:24:03	1.0	Surface	1	1	27.99	8.15	30.83	89	5.87	6.6	4.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS7	10:24:14	1.0	Surface	1	2	27.91	8.15	30.91	88.8	5.86	6.1	3.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS7	10:23:55	2.2	Bottom	3	1	27.93	8.15	30.94	88.8	5.86	6.6	5.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS7	10:24:09	2.2	Bottom	3	2	27.94	8.15	30.94	88.9	5.87	6.4	5.5
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS8	10:05:26	1.0	Surface	1	1	27.68	8.11	29	81.2	5.44	11.5	5.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS8	10:05:43	1.0	Surface	1	2	27.68	8.11	28.91	80.8	5.42	11.5	4.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS8	10:05:18	2.9	Bottom	3	1	27.69	8.1	29.89	81.5	5.43	11.4	3.9
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS8	10:05:34	2.9	Bottom	3	2	27.63	8.1	30.17	80.8	5.38	11.6	3.4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)9	10:18:16	1.0	Surface	1	1	27.69	8.13	30.07	83.1	5.53	7.5	5.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)9	10:18:33	1.0	Surface	1	2	27.68	8.13	30.09	83.2	5.54	7.5	4.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)9	10:18:26	2.6	Bottom	3	1	27.63	8.12	30.84	83	5.51	7.8	5.4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS(Mf)9	10:18:08	2.6	Bottom	3	2	27.62	8.12	31.01	83.1	5.51	7.6	5
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:47:04	1.0	Surface	1	1	24.94	7.8	19.28	88.5	6.45	6.3	8.2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:46:40	1.0	Surface	1	2	24.98	7.8	19.39	86.9	6.41	6.2	9.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:47:00	5.2	Middle	2	1	24.92	7.79	20.33	83.9	6.19	6.4	7.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:46:33	5.2	Middle	2	2	24.91	7.79	21.54	84.8	6.2	6.4	7.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:46:52	9.4	Bottom	3	1	24.94	7.79	20.86	82	6.07	6.5	7.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	IS10	09:46:29	9.4	Bottom	3	2	24.95	7.78	21.45	81.6	6	6.6	7.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR3	10:50:55	0.7	Middle	2	1	27.83	8.14	30.76	86.3	5.71	6.7	5.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR3	10:50:45	0.7	Middle	2	2	27.83	8.14	30.76	86.1	5.7	6.7	6.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR4	10:10:41	1.0	Surface	1	1	27.65	8.11	28.92	80.3	5.39	10.6	3.2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR4	10:10:51	1.0	Surface	1	2	27.65	8.11	29.02	80.2	5.37	10.6	3.4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR4	10:10:46	2.7	Bottom	3	1	27.68	8.11	29.99	80.5	5.36	10.5	3.2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR4	10:10:35	2.7	Bottom	3	2	27.68	8.1	30.07	80.6	5.37	10.8	2.9
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR5	09:54:22	1.0	Surface	1	1	24.94	7.8	18.48	81.2	6.01	7.5	6.9
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR5	09:54:35	1.0	Surface	1	2	24.95	7.8	18.45	81	5.99	7.6	7.1

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	2015-09-18	Mid-Flood	Fine	SR5	09:54:16	3.8	Bottom	3	1	24.97	7.79	19.7	80.8	6.01	7.8	6.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR5	09:54:29	3.8	Bottom	3	2	24.98	7.8	19.57	80.8	6.01	7.9	5.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:15	1.0	Surface	1	1	27.47	8.15	31.39	79.3	5.26	5.3	4.7
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:49	1.0	Surface	1	2	27.47	8.15	31.36	79.6	5.25	5.2	5.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:42	3.3	Middle	2	1	27.46	8.14	32.79	79.4	5.22	5.2	5.2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:08	3.3	Middle	2	2	27.45	8.14	33.03	79.2	5.25	5.3	5.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:34	5.6	Bottom	3	1	27.46	8.13	32.99	79.1	5.2	5.5	4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10A	08:52:03	5.6	Bottom	3	2	27.46	8.14	33.16	79.2	5.2	5.4	3.5
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10B	08:43:28	1.0	Surface	1	1	27.47	8.13	32.16	80	5.28	5	4.4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10B	08:43:14	1.0	Surface	1	2	27.47	8.13	32.29	80.5	5.31	5.2	4
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10B	08:43:05	4.3	Bottom	3	1	27.47	8.13	32.52	80.3	5.29	5.2	3.9
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	SR10B	08:43:22	4.3	Bottom	3	2	27.47	8.12	33.35	80.3	5.26	5.3	4.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:10:42	1.0	Surface	1	1	24.99	7.82	15.27	81.8	6.07	9.8	2.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:11:06	1.0	Surface	1	2	25.14	7.83	14.68	81.1	6.15	9.7	2.2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:10:37	4.0	Middle	2	1	24.92	7.79	18.85	81	6.02	10.1	3.1
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:11:02	4.0	Middle	2	2	24.96	7.82	15.76	81.1	6.15	10	2.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:10:31	6.9	Bottom	3	1	24.93	7.78	19.13	80.6	6.09	10.4	2
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS2	11:10:56	6.9	Bottom	3	2	24.96	7.8	18.92	80.9	6.01	10.3	2.5
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:21:33	1.0	Surface	1	1	27.59	8.16	29.67	80.1	5.35	8.7	3.6
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:21:04	1.0	Surface	1	2	27.61	8.16	29.59	80.3	5.37	8.4	3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:20:52	6.1	Middle	2	1	27.47	8.15	31.75	79.2	5.18	8.5	4.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:21:23	6.1	Middle	2	2	27.47	8.15	31.55	79.7	5.21	8.5	3.8
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:20:44	11.1	Bottom	3	1	27.49	8.13	33.75	78.1	5.17	8.4	3.3
HKLR	HY/2011/03	2015-09-18	Mid-Flood	Fine	CS(Mf)5	09:21:16	11.1	Bottom	3	2	27.5	8.12	33.73	78.5	5.2	8.6	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:20	1.0	Surface	1	1	28.37	8.21	23.62	80.3	5.48	7.8	3.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:44	1.0	Surface	1	2	28.39	8.21	23.66	80.1	5.46	8.1	4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:34	4.2	Middle	2	1	28.15	8.15	30.41	78.7	5.19	9.4	4.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:10	4.2	Middle	2	2	28.18	8.14	29.85	80.3	5.31	9.1	3.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:27	7.3	Bottom	3	1	28.27	8.13	32.64	81.6	5.3	8.5	6.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS5	06:37:04	7.3	Bottom	3	2	28.33	8.12	32.5	83.8	5.44	8.6	6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)6	06:27:44	1.0	Surface	1	1	28.45	8.16	22.78	91.1	6.23	6.2	1.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)6	06:28:04	1.0	Surface	1	2	28.45	8.17	22.09	84.3	5.79	6.5	1.8
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)6	06:27:34	2.1	Bottom	3	1	28.31	8.15	25.94	91.7	6.18	7.7	1.4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)6	06:27:56	2.1	Bottom	3	2	28.69	8.1	26.67	85.6	5.71	7.2	1.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS7	06:18:38	1.0	Surface	1	1	28.52	8.17	22.3	90.6	6.21	3	4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS7	06:18:23	1.0	Surface	1	2	28.47	8.17	22.33	90.3	6.2	3.3	4.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS7	06:18:14	2.4	Bottom	3	1	28.61	8.14	24.91	89.5	6.04	3.2	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS7	06:18:31	2.4	Bottom	3	2	28.59	8.14	24.76	90.9	6.14	3.3	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS8	05:52:32	1.0	Surface	1	1	28.38	8.14	21.34	90.9	6.28	5.9	2.1
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS8	05:52:46	1.0	Surface	1	2	28.5	8.14	21.41	87.3	6.01	6.2	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS8	05:52:39	2.7	Bottom	3	1	28.5	8.1	23.38	89	6.07	7.5	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS8	05:52:12	2.7	Bottom	3	2	28.47	8.12	24.48	90.9	6.16	7.3	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)9	06:11:47	1.0	Surface	1	1	28.53	8.15	24.25	90.4	6.13	2.8	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)9	06:11:25	1.0	Surface	1	2	28.45	8.17	22.2	91.9	6.31	2.8	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)9	06:11:18	2.4	Bottom	3	1	28.52	8.14	24.84	92.8	6.27	2.9	2.3
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS(Mf)9	06:11:35	2.4	Bottom	3	2	28.63	8.13	25.13	90.4	6.09	3	2.1
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:37:21	1.0	Surface	1	1	25.9	7.9	15.24	85	6.34	2.6	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:36:54	1.0	Surface	1	2	25.92	7.89	15.64	84.7	6.3	2.6	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:37:10	5.4	Middle	2	1	25.83	7.87	17.83	83.8	6.17	2.9	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:36:43	5.4	Middle	2	2	25.86	7.86	18.08	83.2	6.11	2.7	3.4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:37:02	9.7	Bottom	3	1	25.86	7.78	28	85.8	5.96	3.8	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	IS10	05:36:33	9.7	Bottom	3	2	25.9	7.79	24.47	85.2	6.03	3.6	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	2015-09-21	Mid-Ebb	Rainy	SR3	06:47:19	0.8	Middle	2	1	28.46	8.18	23.76	89.1	6.06	6.6	5.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR3	06:47:25	0.8	Middle	2	2	28.45	8.18	23.86	89.2	6.07	6	4.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR4	06:04:16	1.0	Surface	1	1	28.43	8.14	21.5	88.9	6.13	6.2	2.1
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR4	06:03:55	1.0	Surface	1	2	28.47	8.14	21.43	85.9	5.92	6.6	2.2
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR4	06:03:46	2.7	Bottom	3	1	28.55	8.1	23.13	83.8	5.71	8	2.1
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR4	06:04:02	2.7	Bottom	3	2	28.53	8.1	23.26	87.2	5.94	8.2	2.3
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR5	05:47:45	1.0	Surface	1	1	25.92	7.85	14.88	87.1	6.51	2.2	1.3
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR5	05:47:30	1.0	Surface	1	2	25.9	7.85	14.95	87.5	6.54	2.2	1.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR5	05:47:39	4.2	Bottom	3	1	25.92	7.83	16.7	87.5	6.47	2.2	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR5	05:47:20	4.2	Bottom	3	2	25.91	7.84	16.44	87.6	6.49	2.2	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:41:19	1.0	Surface	1	1	28.47	8.14	18.53	87.4	6.12	3.3	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:41:56	1.0	Surface	1	2	28.5	8.13	19.14	85.8	5.99	3.4	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:41:47	3.3	Middle	2	1	28.48	8.11	21.25	83.1	5.73	4	2.4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:41:07	3.3	Middle	2	2	28.47	8.09	21.72	85.2	5.86	3.7	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:41:37	5.6	Bottom	3	1	28.43	8.06	25.31	83.6	5.64	3.9	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10A	04:40:59	5.6	Bottom	3	2	28.47	8.05	26.11	87	5.84	3.6	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10B	04:26:59	1.0	Surface	1	1	28.49	8.11	19.02	88.4	6.18	3.2	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10B	04:27:17	1.0	Surface	1	2	28.5	8.11	18.87	88.7	6.2	3.2	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10B	04:27:09	4.0	Bottom	3	1	28.52	8.05	23.01	89.1	6.08	3.2	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	SR10B	04:26:45	4.0	Bottom	3	2	28.55	8.05	23.5	88.2	6	3.2	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:27	1.0	Surface	1	1	25.85	7.9	13.62	87.4	6.42	2.4	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:51	1.0	Surface	1	2	25.85	7.9	13.05	86.3	6.37	2.4	2.4
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:19	4.1	Middle	2	1	25.79	7.82	17.56	85.2	6.26	2.5	3
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:43	4.1	Middle	2	2	25.79	7.82	18.89	84.8	6.21	2.5	3.5
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:10	7.2	Bottom	3	1	25.76	7.75	22.68	84.3	6.22	2.5	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS2	07:06:37	7.2	Bottom	3	2	25.82	7.79	21.72	84.3	6.17	2.6	2.1
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:18:08	1.0	Surface	1	1	28.48	8.15	19.33	85.8	5.98	4	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:18:53	1.0	Surface	1	2	28.48	8.15	19.78	83.7	5.82	4.3	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:17:50	6.9	Middle	2	1	28.35	8.08	25.9	81.6	5.5	6.2	2.3
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:18:39	6.9	Middle	2	2	28.33	8.08	26.58	81	5.44	6.3	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:18:33	12.7	Bottom	3	1	28.4	8.06	27.5	84.4	5.63	4.9	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Ebb	Rainy	CS(Mf)5	05:17:44	12.7	Bottom	3	2	28.42	8.05	28.02	85.3	5.67	4.4	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:18:05	1.0	Surface	1	1	28.49	8.19	22.75	83.5	5.71	8.5	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:18:34	1.0	Surface	1	2	28.49	8.19	22.73	83.4	5.71	8.7	3.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:17:54	4.3	Middle	2	1	28.46	8.13	27.3	80.2	5.35	8.7	4.8
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:18:22	4.3	Middle	2	2	28.38	8.13	27.7	77.5	5.17	8.4	3.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:18:17	7.6	Bottom	3	1	28.34	8.11	29.72	80.7	5.32	9.2	3.3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS5	12:17:48	7.6	Bottom	3	2	28.46	8.12	28.94	84.6	5.6	9.6	4.9
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)6	12:26:35	1.0	Surface	1	1	28.38	8.22	21.8	98.8	6.81	2.5	3.1
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)6	12:26:16	1.0	Surface	1	2	28.35	8.22	21.7	99.2	6.84	2.4	4.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)6	12:26:28	2.1	Bottom	3	1	28.38	8.21	21.97	99.2	6.83	2.5	3.8
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)6	12:26:07	2.1	Bottom	3	2	28.37	8.21	21.88	99.3	6.84	2.5	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS7	12:36:36	1.0	Surface	1	1	28.54	8.16	22.39	91.6	6.27	8.1	6.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS7	12:36:19	1.0	Surface	1	2	28.54	8.16	22.46	91.8	6.29	8.3	6.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS7	12:36:26	2.3	Bottom	3	1	28.56	8.15	22.81	91.8	6.27	8	7.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS7	12:36:11	2.3	Bottom	3	2	28.56	8.16	22.79	92.4	6.32	8.2	6.1
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS8	13:06:37	1.0	Surface	1	1	28.51	8.15	20.88	90.2	6.23	11	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS8	13:06:24	1.0	Surface	1	2	28.51	8.15	20.75	90.8	6.28	10.6	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS8	13:06:16	2.5	Bottom	3	1	28.5	8.14	22.17	90.1	6.18	11.8	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS8	13:06:30	2.5	Bottom	3	2	28.5	8.13	22.69	90.8	6.21	11.5	3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)9	12:44:51	1.0	Surface	1	1	28.56	8.15	22.66	91.3	6.24	8.6	6.5
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)9	12:44:37	1.0	Surface	1	2	28.56	8.15	22.71	90.7	6.2	8.3	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	2015-09-21	Mid-Flood	Cloudy	IS(Mf)9	12:44:43	2.4	Bottom	3	1	28.57	8.15	22.88	90.9	6.21	8.2	6.8
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS(Mf)9	12:44:30	2.4	Bottom	3	2	28.56	8.15	22.86	90.8	6.2	8.1	6.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:29:07	1.0	Surface	1	1	25.77	7.96	10.9	83.6	6.25	4.4	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:28:35	1.0	Surface	1	2	25.81	7.96	11.34	84.4	6.36	4.5	2.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:28:22	5.5	Middle	2	1	25.49	7.85	20.33	83.2	6.09	4.8	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:28:57	5.5	Middle	2	2	25.52	7.87	19.97	81.5	6.06	4.6	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:28:10	10.0	Bottom	3	1	25.55	7.83	22.21	78.4	5.72	4.8	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	IS10	13:28:46	10.0	Bottom	3	2	25.48	7.83	21.5	78.5	5.73	4.6	3.3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR3	12:07:11	0.9	Middle	2	1	28.43	8.22	22.59	95.8	6.57	3.8	2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR3	12:07:01	0.9	Middle	2	2	28.42	8.22	22.61	96	6.58	3.8	3.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR4	12:55:52	1.0	Surface	1	1	28.51	8.15	20.89	90.7	6.26	7.9	4.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR4	12:55:36	1.0	Surface	1	2	28.52	8.16	20.71	92.5	6.4	8.4	4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR4	12:55:30	2.5	Bottom	3	1	28.52	8.16	21.33	93	6.41	8.5	4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR4	12:55:47	2.5	Bottom	3	2	28.49	8.14	21.37	90.6	6.24	8.5	3.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR5	13:16:46	1.0	Surface	1	1	25.79	7.91	14.82	89.4	6.69	2.4	2.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR5	13:16:31	1.0	Surface	1	2	25.77	7.89	14.59	89.8	6.74	2.6	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR5	13:16:38	4.4	Bottom	3	1	25.76	7.84	21.65	90	6.49	2.6	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR5	13:16:25	4.4	Bottom	3	2	25.76	7.85	21.04	90.9	6.58	2.5	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:19:45	1.0	Surface	1	1	28.27	8.21	27.49	83.1	5.56	2.7	3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:20:28	1.0	Surface	1	2	28.29	8.2	27.73	83.5	5.57	2.7	2.7
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:20:17	3.4	Middle	2	1	28.16	8.19	30.91	82.1	5.39	2.9	2.8
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:19:37	3.4	Middle	2	2	28.16	8.19	30.88	82.5	5.43	2.9	2.2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:19:28	5.8	Bottom	3	1	28.19	8.17	31	83.3	5.47	2.9	3.5
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10A	14:20:10	5.8	Bottom	3	2	28.16	8.19	31.16	82.3	5.4	2.8	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10B	14:32:53	1.0	Surface	1	1	28.26	8.2	28.39	83.1	5.53	2.5	2.5
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10B	14:33:14	1.0	Surface	1	2	28.25	8.2	27.66	83.2	5.56	2.6	3.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10B	14:32:42	4.5	Bottom	3	1	28.18	8.18	30.69	82.8	5.45	2.7	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	SR10B	14:33:04	4.5	Bottom	3	2	28.2	8.18	30.66	83.1	5.47	2.7	4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:01:29	1.0	Surface	1	1	25.77	7.8	14.01	92.4	6.53	2.6	2.9
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:02:00	1.0	Surface	1	2	25.76	7.86	13.9	88.7	6.68	2.7	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:01:18	4.0	Middle	2	1	25.62	7.71	18	87.9	6.62	2.8	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:01:51	4.0	Middle	2	2	25.7	7.8	18.08	87.4	6.31	2.8	2.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:01:04	6.9	Bottom	3	1	25.51	7.69	26.04	83.5	6.16	2.8	4.3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS2	12:01:39	6.9	Bottom	3	2	25.57	7.67	25.68	85.7	6.18	2.8	3.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:46:07	1.0	Surface	1	1	28.54	8.23	20.82	84.9	5.87	2.7	3
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:46:45	1.0	Surface	1	2	28.55	8.2	21.39	84.7	5.83	2.7	2
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:45:50	6.8	Middle	2	1	28.03	8.15	32.7	77.1	5.03	3.7	2.8
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:46:26	6.8	Middle	2	2	28.02	8.14	32.61	77.7	5.07	3.8	2.4
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:45:40	12.5	Bottom	3	1	28.07	8.11	33.83	80.4	5.21	3.3	2.6
HKLR	HY/2011/03	2015-09-21	Mid-Flood	Cloudy	CS(Mf)5	13:46:19	12.5	Bottom	3	2	28.11	8.1	33.46	81.5	5.28	3.5	3.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:09:00	1.0	Surface	1	1	28.5	8.26	23.08	81.2	5.55	7.3	3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:09:31	1.0	Surface	1	2	28.53	8.26	23	81	5.53	6.8	4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:09:19	4.2	Middle	2	1	28.15	8.19	31.6	77.1	5.05	10	3.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:08:51	4.2	Middle	2	2	28.13	8.19	31.64	77.7	5.09	10.3	3.8
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:09:11	7.3	Bottom	3	1	28.22	8.16	33.49	80.8	5.23	9.7	3.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS5	10:08:44	7.3	Bottom	3	2	28.19	8.16	33.58	80.8	5.23	9.7	3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)6	09:58:07	1.0	Surface	1	1	28.71	8.2	25.87	85.9	5.76	4.8	3.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)6	09:57:53	1.0	Surface	1	2	28.7	8.2	26.06	86.1	5.76	4.7	2.9
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)6	09:57:44	2.1	Bottom	3	1	28.7	8.17	28.88	87.3	5.75	4.8	2.8
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)6	09:57:57	2.1	Bottom	3	2	28.61	8.16	29.12	84.6	5.57	5	3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS7	09:49:32	1.0	Surface	1	1	28.53	8.18	26.86	79.2	5.29	4.9	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS7	09:49:49	1.0	Surface	1	2	28.56	8.18	26.94	81.2	5.42	4.8	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	2015-09-23	Mid-Ebb	Sunny	IS7	09:49:36	2.2	Bottom	3	1	28.51	8.17	28.23	79.7	5.29	5.1	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS7	09:49:24	2.2	Bottom	3	2	28.5	8.16	28.29	79.8	5.29	5.1	3.3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS8	09:18:11	1.0	Surface	1	1	28.44	8.14	26.4	80.6	5.33	10.9	5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS8	09:18:39	1.0	Surface	1	2	28.62	8.19	25.34	84.2	5.67	10.6	5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS8	09:18:04	2.7	Bottom	3	1	28.4	8.13	29.07	76.5	5.14	12.5	4.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS8	09:18:17	2.7	Bottom	3	2	28.48	8.13	29.24	77.6	5.12	11.7	4.9
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)9	09:41:53	1.0	Surface	1	1	28.54	8.18	26.12	80.5	5.4	4.7	2.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)9	09:41:42	1.0	Surface	1	2	28.61	8.19	26.49	80.9	5.41	4.7	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)9	09:41:34	2.4	Bottom	3	1	28.52	8.16	28.56	80.6	5.33	5.4	2.6
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS(Mf)9	09:41:47	2.4	Bottom	3	2	28.55	8.17	28.43	81.6	5.41	4.9	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:20:15	1.0	Surface	1	1	25.73	7.96	19.65	81.2	5.71	3.1	0.9
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:19:37	1.0	Surface	1	2	25.75	7.95	19.74	80.9	5.87	3.3	1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:19:26	5.3	Middle	2	1	25.5	7.89	25.06	80.5	5.6	3.3	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:20:06	5.3	Middle	2	2	25.53	7.91	25.3	78.1	5.43	3.2	0.9
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:19:55	9.5	Bottom	3	1	25.38	7.85	29.07	74.3	5.27	3.2	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	IS10	08:19:18	9.5	Bottom	3	2	25.44	7.84	29.71	76.4	5.43	3.3	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR3	10:21:07	0.8	Middle	2	1	28.67	8.21	22.96	89.9	6.12	3.8	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR3	10:21:12	0.8	Middle	2	2	28.66	8.2	23.02	90.6	6.17	3.8	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR4	09:31:47	1.0	Surface	1	1	28.63	8.19	24.43	84	5.68	9	3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR4	09:31:35	1.0	Surface	1	2	28.64	8.19	24.68	83.8	5.66	8.6	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR4	09:31:25	2.8	Bottom	3	1	28.56	8.16	27.75	82.2	5.46	9.7	3.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR4	09:31:39	2.8	Bottom	3	2	28.61	8.17	28.25	84.6	5.6	9.8	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR5	08:30:09	1.0	Surface	1	1	25.84	7.93	18.47	84.7	6.21	1.7	<0.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR5	08:29:30	1.0	Surface	1	2	25.78	7.91	19.78	85.3	6.22	1.6	<0.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR5	08:29:18	4.0	Bottom	3	1	25.72	7.88	22.27	85.1	6.12	1.7	1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR5	08:29:48	4.0	Bottom	3	2	25.7	7.88	22.89	82.6	5.92	1.7	0.9
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:49	1.0	Surface	1	1	28.49	8.17	27.55	87.7	5.84	1.6	0.6
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:15	1.0	Surface	1	2	28.48	8.17	27.33	87.6	5.84	1.5	<0.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:08	3.4	Middle	2	1	28.51	8.16	28	87.7	5.83	1.5	<0.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:34	3.4	Middle	2	2	28.47	8.17	28	87.9	5.84	1.5	0.7
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:24	5.8	Bottom	3	1	28.48	8.16	27.94	87.9	5.84	1.5	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10A	07:53:03	5.8	Bottom	3	2	28.5	8.16	28.22	87.8	5.83	1.5	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10B	07:40:03	1.0	Surface	1	1	28.3	8.15	27.27	88.9	5.95	1.6	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10B	07:40:28	1.0	Surface	1	2	28.42	8.15	27.57	88.5	5.9	1.6	1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10B	07:39:52	4.2	Bottom	3	1	28.46	8.14	28.48	88.8	5.89	1.5	1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	SR10B	07:40:15	4.2	Bottom	3	2	28.49	8.14	28.66	89.1	5.9	1.5	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:47:05	1.0	Surface	1	1	25.81	8	8.98	91.8	6.91	3.7	1.3
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:47:41	1.0	Surface	1	2	25.86	7.99	8.92	93.9	7.03	3.8	1.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:47:25	3.9	Middle	2	1	25.66	7.94	14.2	88.2	6.44	5.5	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:46:53	3.9	Middle	2	2	25.66	7.92	15.11	88.9	6.45	5.7	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:47:17	6.8	Bottom	3	1	25.58	7.85	20.92	85.5	6.41	5.5	1.8
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS2	09:46:43	6.8	Bottom	3	2	25.56	7.82	21.28	85.5	6.41	5.7	1.8
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:33:35	1.0	Surface	1	1	28.38	8.17	25.56	82.1	5.54	2.5	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:34:23	1.0	Surface	1	2	28.39	8.17	25.47	83.7	5.65	2.3	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:33:58	6.8	Middle	2	1	28.22	8.14	30.75	79.6	5.16	3	1.5
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:33:18	6.8	Middle	2	2	28.2	8.14	30.73	79.8	5.16	3.1	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:33:12	12.6	Bottom	3	1	28.22	8.1	33.85	77	5.06	2.9	1.4
HKLR	HY/2011/03	2015-09-23	Mid-Ebb	Sunny	CS(Mf)5	08:33:47	12.6	Bottom	3	2	28.24	8.11	33.34	75	4.95	2.9	1.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS5	14:52:04	1.0	Surface	1	1	29.23	8.27	24.58	89	5.95	7.8	3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS5	14:52:31	1.0	Surface	1	2	28.91	8.24	25.81	82.9	5.54	7.2	2.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS5	14:52:20	4.1	Middle	2	1	28.44	8.19	29.2	79.6	5.26	9.6	2.8
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS5	14:51:47	4.1	Middle	2	2	28.35	8.2	29.53	76.4	5.04	8.9	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	2015-09-23	Mid-Flood	Sunny	IS5	14:52:14	7.2	Bottom	3	1	28.58	8.2	30.16	85.2	5.59	8.7	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS5	14:51:42	7.2	Bottom	3	2	28.38	8.2	30.74	80.2	5.26	9.1	2.8
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)6	15:02:53	1.0	Surface	1	1	29.69	8.33	24.29	110.9	7.37	8.7	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)6	15:03:10	1.0	Surface	1	2	29.62	8.33	24.48	108	7.18	7.9	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)6	15:02:43	2.1	Bottom	3	1	29.4	8.32	26.19	112.3	7.43	8.8	2.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)6	15:03:01	2.1	Bottom	3	2	29.3	8.3	26.94	109.2	7.2	8.3	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS7	15:09:24	1.0	Surface	1	1	29.44	8.33	25	111.9	7.44	4.7	2.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS7	15:09:35	1.0	Surface	1	2	29.51	8.33	24.87	112.6	7.48	4.7	2.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS7	15:09:17	2.1	Bottom	3	1	29.33	8.32	25.66	112.3	7.46	4.9	3.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS7	15:09:27	2.1	Bottom	3	2	29.45	8.32	25.2	112	7.44	4.8	2.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS8	15:40:28	1.0	Surface	1	1	29.1	8.25	24.53	99.7	6.68	9.8	5.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS8	15:40:43	1.0	Surface	1	2	29.08	8.25	24.49	98.5	6.61	10.6	5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS8	15:40:34	2.4	Bottom	3	1	29.01	8.24	25.54	98.8	6.6	12.7	5.8
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS8	15:40:19	2.4	Bottom	3	2	29.05	8.24	24.85	99.2	6.64	11.9	6.8
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)9	15:19:19	1.0	Surface	1	1	29.45	8.31	24.13	106.8	7.14	3.8	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)9	15:19:39	1.0	Surface	1	2	29.45	8.31	24.36	110.6	7.38	3.8	2.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)9	15:19:22	2.2	Bottom	3	1	29.42	8.31	25.22	107.8	7.16	3.9	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS(Mf)9	15:19:11	2.2	Bottom	3	2	29	8.29	25.26	104.3	6.98	3.9	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:59:41	1.0	Surface	1	1	26.54	8.09	15.06	91.2	6.74	2.4	1.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:58:55	1.0	Surface	1	2	26.41	8.08	15.86	90.9	6.37	2.4	1.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:59:24	5.4	Middle	2	1	25.52	7.99	23.71	80	5.71	2.5	1.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:58:45	5.4	Middle	2	2	25.59	7.99	24.2	85.5	6.3	2.5	1.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:58:29	9.7	Bottom	3	1	25.77	7.98	26.5	80.6	5.74	2.5	1.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	IS10	15:59:18	9.7	Bottom	3	2	25.5	7.98	24.24	77.9	5.57	2.6	1.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR3	14:38:18	0.8	Middle	2	1	29.43	8.41	22.86	110.1	7.41	3.3	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR3	14:38:13	0.8	Middle	2	2	29.42	8.42	22.75	109.3	7.36	3.3	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR4	15:31:10	1.0	Surface	1	1	28.91	8.23	24.85	94.2	6.32	9.9	4.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR4	15:30:52	1.0	Surface	1	2	29.2	8.26	24.36	99.7	6.68	10.8	4.9
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR4	15:31:03	2.4	Bottom	3	1	28.79	8.22	26.18	95	6.34	12.2	4.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR4	15:30:41	2.4	Bottom	3	2	29.07	8.25	25.66	99.9	6.66	12.1	5.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR5	15:46:30	1.0	Surface	1	1	26.58	8.08	18.92	98.7	7.13	2.2	2.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR5	15:46:49	1.0	Surface	1	2	26.53	8.07	18.63	96.7	7	2.2	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR5	15:46:40	4.0	Bottom	3	1	26.21	8.02	24.27	98.2	6.93	2.1	2.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR5	15:46:20	4.0	Bottom	3	2	26.3	8.04	23.04	98.1	6.96	2.1	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:50	1.0	Surface	1	1	28.46	8.23	30.61	81.9	5.36	2.5	1.6
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:27	1.0	Surface	1	2	28.46	8.23	30.64	82.6	5.41	2.5	1.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:16	3.3	Middle	2	1	28.49	8.23	31.43	82.8	5.39	2.8	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:39	3.3	Middle	2	2	28.43	8.22	32.1	81.8	5.32	2.8	1.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:34	5.6	Bottom	3	1	28.46	8.21	33.28	81.9	5.29	2.7	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10A	16:54:10	5.6	Bottom	3	2	28.48	8.21	33.41	82.3	5.31	2.7	2.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10B	17:06:20	1.0	Surface	1	1	28.58	8.22	30.47	82.4	5.39	2.7	1.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10B	17:06:37	1.0	Surface	1	2	28.56	8.22	30.93	82.1	5.36	2.6	1.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10B	17:06:28	4.5	Bottom	3	1	28.5	8.21	32.42	82.1	5.32	2.6	1.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	SR10B	17:06:08	4.5	Bottom	3	2	28.49	8.21	32.28	81.8	5.31	2.6	1.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:36:43	1.0	Surface	1	1	26.5	8.1	18.76	88.1	6.38	2.3	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:36:10	1.0	Surface	1	2	26.31	8.15	19.08	84.8	6.14	2.3	2.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:35:58	4.0	Middle	2	1	25.86	8.14	23.46	80.3	5.59	3.9	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:36:29	4.0	Middle	2	2	25.7	8.07	23.6	83.4	5.8	3.8	2.1
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:36:22	7.0	Bottom	3	1	25.59	8.02	28.47	80	5.71	3.8	2.2
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS2	14:35:41	7.0	Bottom	3	2	25.46	8.15	28.71	78.4	5.59	3.9	2.4
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:20:51	1.0	Surface	1	1	29.4	8.29	23.64	91.8	6.16	3.2	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:21:20	1.0	Surface	1	2	29.26	8.29	23.67	88.2	5.93	3.3	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	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:21:07	7	Middle	2	1	28.19	8.18	34.72	81.1	5.22	4.4	2.3
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:20:33	7	Middle	2	2	28.11	8.19	35.07	82.2	5.32	4.7	2.5
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:20:22	12.9	Bottom	3	1	28.35	8.18	35.01	86.6	5.54	3.9	2.7
HKLR	HY/2011/03	2015-09-23	Mid-Flood	Sunny	CS(Mf)5	16:21:00	12.9	Bottom	3	2	28.52	8.18	34.77	88.9	5.69	3.8	2.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:41:01	1.0	Surface	1	1	29.5	8.3	22.37	91.7	6.18	9.6	5.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:40:25	1.0	Surface	1	2	29.42	8.28	22.88	91.2	6.14	9.8	6.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:40:43	4.3	Middle	2	1	28.53	8.2	30.28	85.5	5.55	10.2	4.7
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:40:07	4.3	Middle	2	2	28.53	8.2	29.88	83.5	5.43	10.6	4.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:40:35	7.6	Bottom	3	1	28.77	8.19	31.34	77.2	5.06	10.2	4.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS5	11:40:00	7.6	Bottom	3	2	28.65	8.19	31.42	77.4	5.09	10.5	4.6
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)6	11:31:14	1.0	Surface	1	1	29.8	8.29	22.75	96.1	6.43	10.6	2.9
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)6	11:30:58	1.0	Surface	1	2	29.58	8.27	23.7	94.1	6.29	10.2	3.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)6	11:31:03	2.3	Bottom	3	1	29.41	8.25	25.82	93.2	6.18	10.5	3.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)6	11:30:48	2.3	Bottom	3	2	29.49	8.25	25.77	94.8	6.27	10.4	3.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS7	11:21:33	1.0	Surface	1	1	29.63	8.26	23.69	92.8	6.2	7.4	1.7
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS7	11:21:16	1.0	Surface	1	2	29.55	8.26	23.53	94.1	6.3	7.4	2.5
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS7	11:21:24	2.2	Bottom	3	1	29.56	8.24	25.33	93.7	6.21	7.5	2.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS7	11:21:03	2.2	Bottom	3	2	29.59	8.23	25.3	94.6	6.26	7.5	2.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS8	10:57:28	1.0	Surface	1	1	29.67	8.29	22.49	105.3	7.07	11.4	1.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS8	10:57:41	1.0	Surface	1	2	29.73	8.3	22.48	106.3	7.14	11.6	2.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS8	10:57:33	2.8	Bottom	3	1	29.71	8.29	23.89	106.4	7.09	11.5	2.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS8	10:57:22	2.8	Bottom	3	2	29.7	8.29	23.67	105.4	7.03	11.2	2.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)9	11:14:25	1.0	Surface	1	1	29.71	8.29	22.61	97.9	6.57	7	1.5
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)9	11:14:11	1.0	Surface	1	2	29.65	8.28	22.73	96	6.44	7.2	2.6
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)9	11:14:04	2.7	Bottom	3	1	29.57	8.26	25.41	96.7	6.4	7.1	1.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS(Mf)9	11:14:17	2.7	Bottom	3	2	29.65	8.27	25.38	97.7	6.46	7.1	2.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:11:34	1.0	Surface	1	1	26.31	7.84	17.74	90.2	6.28	7.4	2.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:10:57	1.0	Surface	1	2	26.19	7.82	17.73	89.7	6.29	7.3	2.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:10:48	5.1	Middle	2	1	25.97	7.74	24.09	85.5	6.25	7.4	4.9
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:11:20	5.1	Middle	2	2	25.97	7.75	23.11	86.4	6.08	7.6	3.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:10:38	9.1	Bottom	3	1	26.01	7.72	27.01	81.1	6.04	7.7	20.6
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	IS10	11:11:12	9.1	Bottom	3	2	25.98	7.72	26.86	83.7	6.13	7.7	19
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR3	11:48:47	0.7	Middle	2	1	29.64	8.3	22.12	99.8	6.72	5.2	6.1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR3	11:48:39	0.7	Middle	2	2	29.64	8.3	22.04	97.1	6.54	5.2	5.7
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR4	11:05:05	1.0	Surface	1	1	29.78	8.31	22.45	107.7	7.22	8.8	2.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR4	11:04:49	1.0	Surface	1	2	29.73	8.31	22.52	107.6	7.22	8.9	2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR4	11:04:42	2.7	Bottom	3	1	29.65	8.29	23.69	107.5	7.18	8.8	3.9
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR4	11:04:57	2.7	Bottom	3	2	29.62	8.29	23.63	106.9	7.15	8.6	3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR5	11:15:50	1.0	Surface	1	1	26.8	7.85	17.65	100.9	7.32	1.7	2.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR5	11:16:31	1.0	Surface	1	2	26.85	7.84	16.87	101.3	7.31	1.8	2.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR5	11:16:24	3.8	Bottom	3	1	26.74	7.82	17.73	100.5	7.27	2.2	1.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR5	11:15:45	3.8	Bottom	3	2	26.95	7.86	17.5	100.3	7.27	2.3	0.9
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:33	1.0	Surface	1	1	29.13	8.25	24.56	95.3	6.39	1.9	0.7
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:48	1.0	Surface	1	2	29.06	8.24	24.84	95.4	6.39	1.9	1.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:44	3.3	Middle	2	1	29.05	8.23	25.7	95.3	6.35	2.1	0.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:26	3.3	Middle	2	2	29.02	8.23	25.67	94.6	6.31	2	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:20	5.5	Bottom	3	1	29.05	8.23	26.37	95.1	6.32	2	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10A	09:37:38	5.5	Bottom	3	2	29.1	8.23	26.13	95.4	6.34	2	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10B	09:29:03	1.0	Surface	1	1	29.19	8.24	23.05	98.2	6.63	2	1.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10B	09:27:12	1.0	Surface	1	2	29.12	8.23	24.67	94.8	6.35	1.9	1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10B	09:27:04	3.8	Bottom	3	1	29.07	8.21	26.23	94.5	6.28	1.9	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	SR10B	09:28:51	3.8	Bottom	3	2	29.12	8.21	25.07	99.1	6.62	2	1.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:24	1.0	Surface	1	1	26.57	7.85	12.49	93.8	7	3.3	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:40	1.0	Surface	1	2	27	7.85	12.1	95.5	7.11	3.2	<0.5
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:36	3.9	Middle	2	1	26.7	7.84	12.49	90.5	6.68	3.6	1
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:19	3.9	Middle	2	2	26.25	7.81	14.66	91.7	6.75	3.5	1.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:30	6.8	Bottom	3	1	26.93	7.84	20.35	83.1	6.18	3.8	1.9
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS2	12:14:11	6.8	Bottom	3	2	25.92	7.73	21.66	83.9	6.03	3.9	1.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:22:36	1.0	Surface	1	1	29.08	8.24	22.67	92.9	6.29	5.1	2.8
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:21:40	1.0	Surface	1	2	29.04	8.25	22.57	87.8	5.95	5.4	3.4
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:22:07	6.0	Middle	2	1	28.86	8.23	26.27	84.6	5.64	5.5	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:21:30	6.0	Middle	2	2	28.85	8.22	27.84	84.3	5.57	5.6	3.6
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:21:19	10.9	Bottom	3	1	28.72	8.16	32.58	86.4	5.57	5.8	4.2
HKLR	HY/2011/03	2015-09-25	Mid-Ebb	Sunny	CS(Mf)5	10:21:54	10.9	Bottom	3	2	28.8	8.16	32.49	86.9	5.61	5.7	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:28:11	1.0	Surface	1	1	30.27	8.35	23.28	110.1	7.29	18.4	7.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:27:34	1.0	Surface	1	2	30.26	8.36	23.04	108.8	7.21	18.4	7.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:27:22	4.4	Middle	2	1	29.68	8.3	24.37	101.5	6.7	18.2	10.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:27:58	4.4	Middle	2	2	29.7	8.29	24.41	95.9	6.33	18.6	10.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:27:50	7.8	Bottom	3	1	29.38	8.26	26.6	94.3	6.26	18.5	9.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS5	16:27:14	7.8	Bottom	3	2	29.52	8.29	26.26	97.3	6.47	18.6	10.8
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)6	16:36:14	1.0	Surface	1	1	30.64	8.41	22.83	127	8.38	6.5	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)6	16:36:35	1.0	Surface	1	2	30.63	8.4	22.9	126.8	8.37	6.6	3.4
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)6	16:36:23	2.1	Bottom	3	1	30.26	8.37	24.22	123.8	8.16	6.4	4.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)6	16:36:04	2.1	Bottom	3	2	30.52	8.4	24.16	127	8.34	6.6	5.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS7	16:41:33	1.0	Surface	1	1	30.58	8.41	22.85	127.7	8.43	7.5	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS7	16:41:47	1.0	Surface	1	2	30.61	8.41	22.83	127.9	8.44	7.5	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS7	16:41:38	2.1	Bottom	3	1	30.49	8.4	23.97	128.3	8.44	7.6	3.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS7	16:41:25	2.1	Bottom	3	2	30.58	8.4	23.96	127.6	8.38	7.4	3.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS8	17:07:03	1.0	Surface	1	1	29.87	8.32	22.21	106.5	7.14	16.4	4.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS8	17:07:18	1.0	Surface	1	2	29.9	8.32	22.19	108.1	7.25	16.5	3.1
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS8	17:07:09	2.9	Bottom	3	1	29.85	8.31	23.39	108.2	7.21	16.5	5.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS8	17:06:55	2.9	Bottom	3	2	29.77	8.3	23.11	106.1	7.09	16.6	4.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)9	16:48:50	1.0	Surface	1	1	29.9	8.33	23.19	111	7.4	11.2	4.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)9	16:48:40	1.0	Surface	1	2	29.89	8.33	23.18	111.7	7.45	11.2	3.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)9	16:48:21	2.6	Bottom	3	1	29.91	8.33	23.64	111.5	7.41	11.7	5.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS(Mf)9	16:48:45	2.6	Bottom	3	2	29.9	8.32	23.92	111.8	7.42	11.5	4.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:33	1.0	Surface	1	1	26.56	7.83	18.72	97.3	6.8	6.2	3.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:15	1.0	Surface	1	2	26.57	7.83	20.11	98.6	6.92	6.3	4.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:10	5.1	Middle	2	1	26.39	7.81	21.89	94	6.73	6.5	4.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:28	5.1	Middle	2	2	26.37	7.81	20.17	95.1	6.77	6.4	3.8
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:05	9.2	Bottom	3	1	26.68	7.82	24.29	93.7	6.78	6.7	2.8
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	IS10	17:43:23	9.2	Bottom	3	2	26.6	7.82	22.84	94	6.72	6.7	2.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR3	16:16:38	0.7	Middle	2	1	30.48	8.45	21.9	124	8.24	10	5.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR3	16:16:43	0.7	Middle	2	2	30.44	8.44	22.03	123.6	8.22	10.1	5.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR4	16:58:42	1.0	Surface	1	1	29.9	8.33	22.29	110.5	7.41	16.4	5.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR4	16:59:00	1.0	Surface	1	2	29.9	8.33	22.21	110.9	7.43	16.7	4.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR4	16:58:50	2.8	Bottom	3	1	29.82	8.31	22.98	109.9	7.35	16.5	4.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR4	16:58:34	2.8	Bottom	3	2	29.89	8.33	22.49	110.9	7.42	16.5	3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR5	17:36:35	1.0	Surface	1	1	26.79	7.86	20.6	102.3	7.23	2.3	3.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR5	17:36:49	1.0	Surface	1	2	26.66	7.84	20.79	102.3	7.18	2.1	3.3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR5	17:36:42	3.9	Bottom	3	1	26.86	7.85	23.16	101.1	7.21	2.4	3.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR5	17:36:29	3.9	Bottom	3	2	26.89	7.86	21.75	101.5	7.23	2.5	3
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:53	1.0	Surface	1	1	28.86	8.26	28.55	83.5	5.49	4.7	2.1
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:27	1.0	Surface	1	2	28.86	8.26	28.68	83.8	5.51	5	1.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:43	3.4	Middle	2	1	28.83	8.25	31.13	83.6	5.43	5.2	1.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:19	3.4	Middle	2	2	28.82	8.25	31.05	83.8	5.44	5.3	1.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:07	5.7	Bottom	3	1	28.81	8.24	32.31	83.6	5.4	5.2	1.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10A	18:22:34	5.7	Bottom	3	2	28.84	8.24	32.11	83.2	5.38	5.4	1.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10B	18:31:43	1.0	Surface	1	1	28.92	8.25	28.38	83.9	5.52	4.1	1.8
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10B	18:31:20	1.0	Surface	1	2	28.87	8.25	28.42	83.6	5.51	4	2.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10B	18:31:11	4.4	Bottom	3	1	28.86	8.23	31.1	83.1	5.39	4.2	1.2
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	SR10B	18:31:29	4.4	Bottom	3	2	28.86	8.23	31.21	83.4	5.41	4.3	1.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:29	1.0	Surface	1	1	27	7.81	17.08	98.6	6.88	3.7	3.1
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:46	1.0	Surface	1	2	27.1	7.87	17.17	98.6	7.12	3.8	2.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:40	3.9	Middle	2	1	26.56	7.87	17.7	97.8	6.88	4	3.1
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:21	3.9	Middle	2	2	26.15	7.84	18.62	96.7	7.03	3.9	2.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:36	6.8	Bottom	3	1	27.12	7.86	23.45	93.3	6.76	4.3	3.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS2	16:34:14	6.8	Bottom	3	2	26.16	7.85	24.75	91.9	6.54	4.2	2.9
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:40:02	1.0	Surface	1	1	29.03	8.28	26.05	80.4	5.35	4.9	2.5
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:39:31	1.0	Surface	1	2	29.02	8.28	25.98	79	5.26	4.9	1.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:39:51	6.3	Middle	2	1	28.42	8.21	34.49	78.2	5.01	5.4	2.6
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:39:20	6.3	Middle	2	2	28.42	8.22	34.29	78.3	5.01	5.3	1.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:39:45	11.5	Bottom	3	1	28.5	8.2	34.51	75.8	4.87	5.5	2.7
HKLR	HY/2011/03	2015-09-25	Mid-Flood	Sunny	CS(Mf)5	17:39:06	11.5	Bottom	3	2	28.47	8.2	34.64	74.5	4.78	5.2	2.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:37:38	1.0	Surface	1	1	29.21	8.21	29.01	76.9	5.02	11.1	7.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:37:09	1.0	Surface	1	2	29.21	8.21	29.01	77.2	5.04	11.5	7.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:37:31	4.4	Middle	2	1	29.2	8.21	29.07	76.8	5.01	12.6	6.8
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:36:59	4.4	Middle	2	2	29.2	8.21	29.09	77	5.03	12.1	6.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:36:49	7.7	Bottom	3	1	29.21	8.21	29.08	77.2	5.04	12.5	9.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS5	11:37:24	7.7	Bottom	3	2	29.2	8.21	29.09	76.7	5	12.1	10.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)6	11:45:31	1.0	Surface	1	1	29.34	8.21	28.73	77.9	5.08	8.6	8.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)6	11:45:17	1.0	Surface	1	2	29.33	8.21	28.75	78	5.09	8.5	9.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)6	11:45:23	2.2	Bottom	3	1	29.32	8.21	28.8	77.9	5.08	8.6	6.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)6	11:45:09	2.2	Bottom	3	2	29.32	8.21	28.8	78.2	5.1	8.4	7.9
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS7	11:50:59	1.0	Surface	1	1	29.46	8.2	28.24	78.1	5.1	6.5	8.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS7	11:51:18	1.0	Surface	1	2	29.47	8.2	28.23	78.2	5.11	6.4	7.5
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS7	11:51:06	2.3	Bottom	3	1	29.33	8.2	28.59	77.8	5.08	6.5	8.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS7	11:50:47	2.3	Bottom	3	2	29.32	8.2	28.64	77.9	5.08	6.6	7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS8	12:17:47	1.0	Surface	1	1	29.25	8.21	28.75	89.5	6.2	5.9	5.5
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS8	12:17:24	1.0	Surface	1	2	29.24	8.21	28.77	88.9	6.16	5.5	6.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS8	12:17:32	2.9	Bottom	3	1	29.15	8.2	29.23	88.6	6.13	5.8	5.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS8	12:17:12	2.9	Bottom	3	2	29.17	8.2	29.09	88.2	6.11	5.8	4.9
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)9	11:58:11	1.0	Surface	1	1	29.18	8.23	28.6	84.6	5.54	4.3	4.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)9	11:58:28	1.0	Surface	1	2	29.21	8.23	28.55	85.1	5.57	4.2	4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)9	11:58:17	2.7	Bottom	3	1	29.19	8.23	28.6	84.6	5.54	4.2	3.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS(Mf)9	11:58:05	2.7	Bottom	3	2	29.17	8.23	28.65	84.8	5.55	4.3	4.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:47:22	1.0	Surface	1	1	26.2	8	16.93	73.8	5.42	8.4	4.5
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:46:50	1.0	Surface	1	2	26.2	7.99	17.42	74	5.43	8.6	5.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:47:09	5.2	Middle	2	1	26.08	7.98	19.17	73.3	5.33	9	6.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:46:39	5.2	Middle	2	2	26.08	7.98	19.24	73.3	5.33	9.2	5.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:47:03	9.3	Bottom	3	1	26.09	7.98	19.17	74.1	5.39	8.8	5.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	IS10	12:46:30	9.3	Bottom	3	2	26.09	7.97	19.31	74.2	5.39	9	5.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR3	11:26:54	0.6	Middle	2	1	29.28	8.26	29.09	81.1	5.29	7.7	8.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR3	11:27:03	0.6	Middle	2	2	29.26	8.26	29.1	80.5	5.25	7.6	7.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR4	12:07:48	1.0	Surface	1	1	29.21	8.21	28.86	77.2	5.05	6.5	6.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR4	12:08:11	1.0	Surface	1	2	29.25	8.21	28.75	79.8	5.21	6.5	5.9
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR4	12:07:55	2.6	Bottom	3	1	29.19	8.2	29.13	78	5.09	6.4	7.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR4	12:07:40	2.6	Bottom	3	2	29.19	8.2	29.12	78.7	5.14	6.6	6.8
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR5	12:38:46	1.0	Surface	1	1	26.22	7.99	16.97	77.1	5.66	8	10.8
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR5	12:39:05	1.0	Surface	1	2	26.17	7.99	17.67	75.6	5.54	8.6	9.5
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR5	12:38:56	3.8	Bottom	3	1	26.14	7.98	19.22	76.5	5.55	8.6	7.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR5	12:38:37	3.8	Bottom	3	2	26.2	7.99	19.43	78.6	5.69	8.2	8.1
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:32:37	1.0	Surface	1	1	28.72	8.23	34.36	81.4	5.56	4.8	6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:32:11	1.0	Surface	1	2	28.72	8.24	34.36	81.3	5.56	4.8	7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:32:29	3.2	Middle	2	1	28.71	8.23	34.4	81.2	5.55	4.8	6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:32:03	3.2	Middle	2	2	28.71	8.24	34.39	81.5	5.57	4.9	6.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:31:56	5.4	Bottom	3	1	28.71	8.24	34.38	81.5	5.57	4.8	6.8
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10A	13:32:21	5.4	Bottom	3	2	28.71	8.24	34.42	81	5.53	4.8	7.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10B	13:41:33	1.0	Surface	1	1	28.71	8.23	34.4	80.9	5.53	4.9	7.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10B	13:41:53	1.0	Surface	1	2	28.72	8.23	34.4	81	5.54	4.9	7.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10B	13:41:27	4.1	Bottom	3	1	28.72	8.23	34.41	80.9	5.53	4.7	5.8
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	SR10B	13:41:43	4.1	Bottom	3	2	28.71	8.23	34.44	80.8	5.52	4.7	6.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:23:24	1.0	Surface	1	1	26.38	8.03	26.24	77.6	5.4	7.2	10.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:22:57	1.0	Surface	1	2	26.36	8.06	26.29	79.3	5.51	7.1	9.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:23:13	3.7	Middle	2	1	26.17	8.03	26.84	77.3	5.37	8.2	11.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:22:47	3.7	Middle	2	2	26.18	8.08	26.82	80.1	5.57	8.4	12.2
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:22:40	6.4	Bottom	3	1	26.14	8.09	27.18	82.2	5.71	8.8	9.6
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS2	11:23:08	6.4	Bottom	3	2	26.2	8.03	26.99	78.5	5.45	8.2	11.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:52:01	1.0	Surface	1	1	29.02	8.24	30.73	80.7	5.59	7.7	11.3
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:53:00	1.0	Surface	1	2	29.13	8.24	30.08	81	5.61	7.4	9.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:51:53	6.1	Middle	2	1	28.66	8.22	33.88	78.8	5.41	7.7	10
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:52:51	6.1	Middle	2	2	28.65	8.22	34.13	77.9	5.35	7.5	8.7
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:51:42	11.2	Bottom	3	1	28.72	8.2	34.85	81.3	5.54	7.4	5.4
HKLR	HY/2011/03	2015-09-28	Mid-Ebb	Sunny	CS(Mf)5	12:52:36	11.2	Bottom	3	2	28.56	8.22	35.05	77.5	5.31	7.6	4.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:22:10	1.0	Surface	1	1	29.14	8.2	28.86	83.8	5.83	10.5	11
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:21:43	1.0	Surface	1	2	29.15	8.2	28.82	84.8	5.89	9.9	11.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:21:34	4.4	Middle	2	1	29.11	8.19	29.26	83.5	5.8	11.1	11.2
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:22:03	4.4	Middle	2	2	29.11	8.19	29.19	82.7	5.75	11.2	10.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:21:55	7.8	Bottom	3	1	29.11	8.19	29.51	83.9	5.82	11.5	8.4
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS5	07:21:26	7.8	Bottom	3	2	29.14	8.19	29.74	84.6	5.86	11.3	9.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)6	07:15:13	1.0	Surface	1	1	29.13	8.21	28.43	89.1	6.19	5.5	8.2
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)6	07:14:57	1.0	Surface	1	2	29.13	8.21	28.42	89.3	6.2	5.6	7.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)6	07:15:03	2.2	Bottom	3	1	29.11	8.21	28.64	89.4	6.2	5.8	5.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)6	07:14:45	2.2	Bottom	3	2	29.11	8.21	28.62	89.3	6.2	5.7	5.9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS7	07:07:29	1.0	Surface	1	1	28.97	8.23	28.26	83.9	5.53	4.1	5.3
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS7	07:07:16	1.0	Surface	1	2	28.99	8.23	28.21	83.9	5.52	4	6.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS7	07:07:21	2.4	Bottom	3	1	28.92	8.23	28.42	83.7	5.51	4.1	6.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS7	07:07:03	2.4	Bottom	3	2	28.93	8.23	28.38	83.9	5.52	4	6.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS8	06:44:20	1.0	Surface	1	1	28.93	8.19	28.42	85.7	5.98	7.6	7.9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS8	06:44:06	1.0	Surface	1	2	28.94	8.19	28.41	85.7	5.98	7.2	6.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS8	06:44:12	3.2	Bottom	3	1	28.94	8.18	29.45	85.9	5.96	7.4	17.3
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS8	06:43:59	3.2	Bottom	3	2	28.94	8.19	29.5	85.8	5.96	7.8	16.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)9	07:00:31	1.0	Surface	1	1	28.95	8.22	28.49	82	5.39	3.9	8.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)9	07:00:45	1.0	Surface	1	2	28.95	8.22	28.5	82.3	5.41	3.8	7.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)9	07:00:24	2.7	Bottom	3	1	28.95	8.22	28.5	81.9	5.38	3.9	5.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS(Mf)9	07:00:37	2.7	Bottom	3	2	28.95	8.22	28.51	82.3	5.41	3.9	6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS10	06:41:35	1.0	Surface	1	1	26.14	7.96	27.26	74.9	5.2	13	11.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS10	06:42:01	1.0	Surface	1	2	26.1	7.97	27.56	74.1	5.14	13.4	9.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS10	06:41:52	5.2	Middle	2	1	26.05	7.96	28.25	74.2	5.13	12.2	7.6

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	2015-09-28	Mid-Flood	Sunny	IS10	06:41:14	5.2	Middle	2	2	26.05	7.96	28.2	74.8	5.17	11.8	8.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS10	06:41:07	9.4	Bottom	3	1	26.08	7.95	28.26	75.4	5.21	12.3	7.9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	IS10	06:41:46	9.4	Bottom	3	2	26.06	7.95	28.3	74.5	5.15	12.9	9.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR3	07:31:22	0.7	Middle	2	1	29.18	8.2	28.75	87	6.04	8.1	7.9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR3	07:31:15	0.7	Middle	2	2	29.18	8.2	28.74	87	6.04	8	9.2
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR4	06:51:26	1.0	Surface	1	1	28.97	8.19	28.51	84.3	5.89	7.5	9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR4	06:51:47	1.0	Surface	1	2	28.9	8.19	28.41	86.1	6.01	7.5	8.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR4	06:51:32	2.9	Bottom	3	1	28.97	8.18	29.37	84.8	5.89	7.4	7.4
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR4	06:51:20	2.9	Bottom	3	2	28.97	8.18	29.44	84.7	5.89	7.9	6.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR5	06:48:51	1.0	Surface	1	1	26.09	7.97	27.63	73.5	5.09	14.3	9.4
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR5	06:48:34	1.0	Surface	1	2	26.11	7.96	27.5	73.9	5.13	14	9.2
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR5	06:48:44	4.1	Bottom	3	1	26.08	7.96	28.02	73.7	5.1	15.4	10.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR5	06:48:25	4.1	Bottom	3	2	26.08	7.95	28.05	73.8	5.11	14.7	9.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:42:35	1.0	Surface	1	1	28.58	8.2	33.33	78.7	5.42	9.4	9.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:42:10	1.0	Surface	1	2	28.59	8.2	33.73	78.5	5.4	9.5	9.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:42:00	3.4	Middle	2	1	28.55	8.2	34.28	78.7	5.41	9.8	10.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:42:27	3.4	Middle	2	2	28.55	8.2	34.26	78.6	5.4	9.6	8.1
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:41:52	5.7	Bottom	3	1	28.56	8.19	34.3	78.4	5.39	9.4	5.2
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10A	05:42:18	5.7	Bottom	3	2	28.56	8.19	34.12	78.4	5.38	9.3	4.4
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10B	05:34:13	1.0	Surface	1	1	28.57	8.18	34.32	79.2	5.43	10.5	6.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10B	05:34:31	1.0	Surface	1	2	28.58	8.19	33.1	78.6	5.43	10.4	5.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10B	05:34:21	4.0	Bottom	3	1	28.58	8.18	34.38	78.9	5.41	10.3	6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	SR10B	05:34:04	4.0	Bottom	3	2	28.55	8.17	34.59	79.3	5.44	10.4	5.8
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:04:38	1.0	Surface	1	1	26.18	7.97	25.17	75.5	5.3	9	9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:04:09	1.0	Surface	1	2	26.18	7.97	25.92	75.3	5.26	9	9.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:04:27	3.9	Middle	2	1	26.18	7.97	25.59	75.4	5.28	10.1	8.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:03:57	3.9	Middle	2	2	26.19	7.96	26.4	74.7	5.21	10.1	9.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:03:52	6.8	Bottom	3	1	26.19	7.96	26.55	75.2	5.24	9.2	9.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS2	08:04:20	6.8	Bottom	3	2	26.17	7.97	25.88	75.6	5.28	9.5	8.9
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:12:49	1.0	Surface	1	1	28.65	8.23	32.3	80.7	5.57	6.4	3.4
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:13:23	1.0	Surface	1	2	28.7	8.24	31.77	80.2	5.55	6.6	4.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:13:09	6.1	Middle	2	1	28.6	8.22	34.3	78.9	5.41	6.6	3.7
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:12:34	6.1	Middle	2	2	28.59	8.22	34.4	78.8	5.41	6.5	5.5
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:12:59	11.2	Bottom	3	1	28.63	8.22	34.34	80	5.48	6.6	6.6
HKLR	HY/2011/03	2015-09-28	Mid-Flood	Sunny	CS(Mf)5	06:12:26	11.2	Bottom	3	2	28.61	8.22	34.35	79.6	5.46	6.5	8.3
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:11:55	1.0	Surface	1	1	29.05	8.2	33.24	84.5	5.52	18.5	11.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:12:30	1.0	Surface	1	2	29.06	8.19	33.22	84.6	5.52	18.2	11.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:11:45	4.3	Middle	2	1	29.01	8.2	33.27	84	5.49	19.5	13.3
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:12:18	4.3	Middle	2	2	29.01	8.19	33.25	84.2	5.5	19.1	13.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:12:08	7.5	Bottom	3	1	29.02	8.19	33.26	84.2	5.5	19	14.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS5	13:11:37	7.5	Bottom	3	2	29.01	8.2	33.27	84.1	5.5	19.1	15.5
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)6	13:19:42	1.0	Surface	1	1	29.23	8.17	32.76	84.3	5.51	15.4	9.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)6	13:19:19	1.0	Surface	1	2	29.22	8.17	32.77	84.5	5.52	15.2	9.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)6	13:19:05	2.3	Bottom	3	1	29.15	8.17	32.82	84.3	5.51	15.6	11.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)6	13:19:25	2.3	Bottom	3	2	29.15	8.17	32.8	84.3	5.51	15.3	11.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS7	13:25:50	1.0	Surface	1	1	29.41	8.18	32.07	88.8	5.81	6.3	9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS7	13:25:37	1.0	Surface	1	2	29.46	8.19	32.02	90.3	5.9	6.5	8.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS7	13:25:28	2.4	Bottom	3	1	29.36	8.19	32.06	89.4	5.83	6.6	8.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS7	13:25:43	2.4	Bottom	3	2	29.28	8.19	32.13	88.2	5.76	6.6	8.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS8	13:47:52	1.0	Surface	1	1	29.25	8.18	31.43	85.2	5.6	9.4	10.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS8	13:47:28	1.0	Surface	1	2	29.3	8.18	31.37	86.8	5.7	9.6	11.3
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS8	13:47:45	2.8	Bottom	3	1	29.01	8.17	31.93	85.4	5.62	9.9	11.6

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	2015-09-30	Mid-Ebb	Fine	IS8	13:47:16	2.8	Bottom	3	2	29.21	8.18	31.64	85.4	5.61	10	10
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)9	13:32:10	1.0	Surface	1	1	29.36	8.19	31.56	89.8	5.88	6.5	5.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)9	13:32:26	1.0	Surface	1	2	29.46	8.19	31.45	90.6	5.93	6.4	6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)9	13:32:01	2.7	Bottom	3	1	29.25	8.19	31.76	90.1	5.91	6.9	5.4
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS(Mf)9	13:32:17	2.7	Bottom	3	2	29.44	8.19	31.48	90.2	5.9	6.4	5.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	14:59:32	1.0	Surface	1	1	26.14	7.87	21.14	77.8	5.54	12.9	9.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	15:00:40	1.0	Surface	1	2	26.2	7.86	19.41	77.6	5.55	13.1	9.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	15:00:33	5.2	Middle	2	1	26.02	7.85	20.87	77.4	5.53	13.3	9.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	14:59:26	5.2	Middle	2	2	25.97	7.87	21.44	77.5	5.58	13.2	10.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	15:00:27	9.3	Bottom	3	1	26.01	7.85	21.32	77.2	5.59	13.6	10.5
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	IS10	14:59:18	9.3	Bottom	3	2	26.04	7.86	22.62	77	5.55	13.5	11.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR3	13:00:55	0.7	Middle	2	1	29.05	8.28	32.93	86.4	5.65	16.9	14
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR3	13:01:01	0.7	Middle	2	2	29.04	8.27	32.97	86.1	5.63	17.4	13.5
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR4	13:40:09	1.0	Surface	1	1	29.19	8.18	31.52	85.5	5.62	10.4	8.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR4	13:40:24	1.0	Surface	1	2	29.32	8.18	31.32	86.9	5.7	10.5	9.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR4	13:40:15	2.7	Bottom	3	1	29.2	8.18	31.64	86	5.65	10.6	10.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR4	13:40:01	2.7	Bottom	3	2	29.04	8.18	31.89	85.9	5.65	10.6	9.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR5	14:50:19	1.0	Surface	1	1	26.1	7.87	24.05	82.2	5.7	14.6	9.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR5	14:50:04	1.0	Surface	1	2	26.13	7.87	25.22	81.8	5.74	14.6	9.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR5	14:49:58	4.0	Bottom	3	1	26.26	7.87	26.1	79.5	5.58	15	9.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR5	14:50:11	4.0	Bottom	3	2	26.2	7.86	25.31	80.1	5.59	14.8	9.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:53:17	1.0	Surface	1	1	29.12	8.21	32.05	83.1	5.4	4.9	5.2
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:52:14	1.0	Surface	1	2	29.3	8.21	32.04	83.5	5.44	4.9	4.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:52:36	3.4	Middle	2	1	28.88	8.2	33.84	81.1	5.33	5	4.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:52:06	3.4	Middle	2	2	29.11	8.2	33.84	83.2	5.41	5	5.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:52:30	5.7	Bottom	3	1	29.11	8.2	34.09	80.4	5.26	4.9	5.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10A	14:51:59	5.7	Bottom	3	2	29.13	8.2	34.11	81.9	5.34	5	5.4
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10B	15:01:13	1.0	Surface	1	1	29.4	8.21	31.85	83.9	5.49	5.1	4.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10B	15:01:30	1.0	Surface	1	2	29.37	8.2	31.82	84.1	5.5	5.1	4.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10B	15:01:04	3.8	Bottom	3	1	29.11	8.19	33.86	82.6	5.38	5.1	5.3
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	SR10B	15:01:21	3.8	Bottom	3	2	29.1	8.19	33.82	83.6	5.44	5	5.4
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:55	1.0	Surface	1	1	25.96	7.92	26.86	82.2	5.71	13.8	6.4
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:29	1.0	Surface	1	2	25.96	7.93	26.97	80.4	5.6	13.9	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:47	4.3	Middle	2	1	25.94	7.93	27.13	79.7	5.56	14.1	6.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:19	4.3	Middle	2	2	25.94	7.93	27.39	79	5.5	14.2	6.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:40	7.5	Bottom	3	1	25.95	7.93	27.15	78.3	5.46	14.6	6.7
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS2	13:40:12	7.5	Bottom	3	2	25.94	7.92	27.53	78.5	5.47	14.5	6.6
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:21:19	1.0	Surface	1	1	29.11	8.19	30.36	78.8	5.23	10.5	5.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:21:59	1.0	Surface	1	2	29.15	8.18	30.33	80.9	5.36	10.1	5.4
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:21:08	6.1	Middle	2	1	28.78	8.19	32.68	77.2	5.05	10.2	5.9
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:21:42	6.1	Middle	2	2	28.79	8.18	32.68	77.9	5.09	10.3	6.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:20:57	11.2	Bottom	3	1	28.79	8.18	34.06	75.9	5	10.3	6.8
HKLR	HY/2011/03	2015-09-30	Mid-Ebb	Fine	CS(Mf)5	14:21:31	11.2	Bottom	3	2	28.82	8.17	34.16	76.6	5.05	10.2	6.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:38:09	1.0	Surface	1	1	28.85	8.16	30.29	82.5	5.49	12	12.6
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:37:34	1.0	Surface	1	2	28.85	8.16	30.33	82.8	5.51	12.3	13
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:37:17	4.3	Middle	2	1	28.86	8.15	30.43	82.7	5.5	11.9	13.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:37:55	4.3	Middle	2	2	28.86	8.15	30.43	82.3	5.47	11.8	13.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:37:09	7.6	Bottom	3	1	28.86	8.16	30.41	82.7	5.49	12	13.2
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS5	08:37:46	7.6	Bottom	3	2	28.86	8.15	30.42	82.3	5.47	12	13.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)6	08:28:42	1.0	Surface	1	1	28.9	8.16	30.37	85.2	5.66	8.5	5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)6	08:28:29	1.0	Surface	1	2	28.9	8.16	30.37	85.4	5.67	8.5	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)6	08:28:20	2.2	Bottom	3	1	28.88	8.16	30.41	85.4	5.67	8.6	9.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)6	08:28:34	2.2	Bottom	3	2	28.88	8.16	30.41	85.1	5.65	8.4	10.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS7	08:22:52	1.0	Surface	1	1	28.86	8.15	30.41	83.7	5.56	8.5	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS7	08:23:06	1.0	Surface	1	2	28.86	8.15	30.47	83.3	5.53	8.5	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS7	08:22:42	2.3	Bottom	3	1	28.87	8.16	30.49	83.4	5.54	8.4	5.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS7	08:22:59	2.3	Bottom	3	2	28.86	8.15	30.39	83.1	5.52	8.6	5.8
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS8	07:59:39	1.0	Surface	1	1	28.85	8.15	29.24	83.2	5.56	10.8	7.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS8	07:59:54	1.0	Surface	1	2	28.86	8.15	29.18	83.1	5.56	10.8	6.8
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS8	07:59:45	2.9	Bottom	3	1	28.85	8.14	29.35	83.2	5.56	10.9	7.9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS8	07:59:32	2.9	Bottom	3	2	28.85	8.14	29.4	83.5	5.58	11.2	7.8
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)9	08:15:48	1.0	Surface	1	1	28.85	8.16	29.75	84.8	5.65	6.5	7.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)9	08:16:03	1.0	Surface	1	2	28.83	8.15	29.84	84.4	5.62	6.5	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)9	08:15:36	2.9	Bottom	3	1	28.82	8.15	30	84.4	5.63	6.5	6.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS(Mf)9	08:15:56	2.9	Bottom	3	2	28.82	8.15	30.07	84	5.6	6.5	6.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:28:01	1.0	Surface	1	1	26.07	7.83	25.5	78.9	5.42	14.2	19.8
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:26:55	1.0	Surface	1	2	26.04	7.83	26.75	78.4	5.47	14.2	18.9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:26:46	5.2	Middle	2	1	26.02	7.83	27.07	78.2	5.45	14.6	19
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:27:15	5.2	Middle	2	2	26.02	7.83	27.05	77.8	5.42	14.4	18.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:27:08	9.4	Bottom	3	1	26.03	7.83	26.98	77.4	5.39	14.6	18.8
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	IS10	08:26:39	9.4	Bottom	3	2	26.03	7.83	26.99	77.3	5.38	14.7	19.6
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR3	08:49:23	0.7	Middle	2	1	28.93	8.15	30.23	82.3	5.47	12.6	15.3
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR3	08:49:16	0.7	Middle	2	2	28.91	8.15	30.23	82.2	5.46	12.3	16.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR4	08:05:03	1.0	Surface	1	1	28.85	8.15	29.33	82.2	5.49	10.9	11
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR4	08:05:21	1.0	Surface	1	2	28.86	8.14	29.28	82.3	5.5	10.5	10
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR4	08:05:13	2.9	Bottom	3	1	28.85	8.14	29.53	82.3	5.5	10.5	11.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR4	08:04:55	2.9	Bottom	3	2	28.84	8.14	29.72	82.1	5.48	10.4	10.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR5	08:35:32	1.0	Surface	1	1	26.3	7.83	23.61	77.4	5.46	16.5	20.3
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR5	08:35:45	1.0	Surface	1	2	26.31	7.83	23.19	77.5	5.48	16.4	20
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR5	08:35:39	4.2	Bottom	3	1	26.29	7.83	23.27	77.2	5.47	16.7	20.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR5	08:35:28	4.2	Bottom	3	2	26.25	7.83	23.64	77.2	5.48	16.8	20.9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:01:48	1.0	Surface	1	1	28.73	8.15	31	78.2	5.2	12.5	10.9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:02:13	1.0	Surface	1	2	28.73	8.15	31.11	78	5.19	12.3	10.3
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:02:03	3.3	Middle	2	1	28.66	8.14	32.78	77.9	5.14	12.1	10.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:01:42	3.3	Middle	2	2	28.69	8.15	31.84	77.7	5.15	12.2	10.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:01:34	5.6	Bottom	3	1	28.68	8.14	33.16	77.9	5.13	12.4	11.6
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10A	07:01:56	5.6	Bottom	3	2	28.71	8.14	32.79	78	5.14	12.6	11.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10B	06:53:22	1.0	Surface	1	1	28.75	8.13	31.25	78.7	5.22	13.2	9.9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10B	06:53:40	1.0	Surface	1	2	28.74	8.13	31.3	78.9	5.24	13.4	9.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10B	06:53:11	4.0	Bottom	3	1	28.69	8.11	32.98	78	5.14	13.4	9.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	SR10B	06:53:30	4.0	Bottom	3	2	28.73	8.11	33.04	78.7	5.18	13.2	10.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:47:22	1.0	Surface	1	1	26.23	7.84	18.12	77.8	5.69	15.7	15.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:46:47	1.0	Surface	1	2	26.24	7.83	18.71	77.4	5.64	15.8	15.3
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:47:01	4.1	Middle	2	1	26.11	7.83	18.78	77	5.62	15.9	15.5
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:46:40	4.1	Middle	2	2	26.13	7.83	18.89	76.9	5.6	16.1	15.7
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:46:55	7.2	Bottom	3	1	26.04	7.83	18.75	76.8	5.6	16.2	15.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS2	09:46:32	7.2	Bottom	3	2	26.06	7.82	18.96	76.7	5.6	16.3	14.6
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:31:45	1.0	Surface	1	1	28.81	8.17	30.11	79.4	5.3	15.2	8.1
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:31:05	1.0	Surface	1	2	28.81	8.17	30.11	79.3	5.29	15.2	8.6
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:30:52	6.1	Middle	2	1	28.71	8.16	32.46	78.9	5.2	15.4	8.4
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:31:33	6.1	Middle	2	2	28.71	8.16	32.38	78.2	5.15	15.4	9
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:31:23	11.1	Bottom	3	1	28.71	8.15	32.72	77.5	5.12	15.5	10.3
HKLR	HY/2011/03	2015-09-30	Mid-Flood	Fine	CS(Mf)5	07:30:45	11.1	Bottom	3	2	28.73	8.15	32.62	77.7	5.13	15.5	11.6
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS5	14:25:38	1.0	Surface	1	1	29.42	8.15	28.99	80.1	5.21	17.6	19.6

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	2015-10-02	Mid-Ebb	Fine	IS5	14:26:07	1.0	Surface	1	2	29.4	8.14	29.04	79.9	5.2	17.5	19.6
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS5	14:25:58	4.2	Middle	2	1	29.38	8.14	29.06	79.6	5.18	17.2	19.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS5	14:25:27	4.2	Middle	2	2	29.4	8.15	29.01	80	5.21	17.5	20
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS5	14:25:17	7.3	Bottom	3	1	29.41	8.15	28.96	79.9	5.2	17.7	22.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS5	14:25:49	7.3	Bottom	3	2	29.39	8.14	29.01	79.6	5.18	18.4	22
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)6	14:32:19	1.0	Surface	1	1	29.27	8.14	28.91	80.2	5.23	14.4	16.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)6	14:32:04	1.0	Surface	1	2	29.27	8.14	28.91	80.4	5.25	14.2	15.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)6	14:32:10	2.2	Bottom	3	1	29.27	8.14	28.91	80.1	5.23	14.5	19.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)6	14:31:57	2.2	Bottom	3	2	29.27	8.14	28.91	80.2	5.24	14.5	18.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS7	14:38:18	1.0	Surface	1	1	29.43	8.14	28.93	81.2	5.28	15.4	7.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS7	14:38:38	1.0	Surface	1	2	29.41	8.14	28.95	79.6	5.18	15.6	6.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS7	14:38:26	2.0	Bottom	3	1	29.42	8.14	28.94	80.4	5.23	15.5	10.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS7	14:38:04	2.0	Bottom	3	2	29.61	8.15	28.79	83.5	5.42	15.6	11.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS8	14:59:20	1.0	Surface	1	1	29.52	8.14	28.24	79.8	5.2	10.4	5.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS8	14:59:33	1.0	Surface	1	2	29.54	8.14	28.19	79.7	5.2	10.5	4.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS8	14:59:10	2.7	Bottom	3	1	29.53	8.14	28.41	79.4	5.18	10.2	4.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS8	14:59:25	2.7	Bottom	3	2	29.47	8.14	28.49	79.7	5.19	10.5	4.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)9	14:45:23	1.0	Surface	1	1	29.45	8.14	28.57	80	5.22	10.7	7.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)9	14:45:08	1.0	Surface	1	2	29.3	8.14	28.65	79.6	5.2	10.8	7.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)9	14:45:01	2.7	Bottom	3	1	29.25	8.14	28.76	79.7	5.21	11	8.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS(Mf)9	14:45:14	2.7	Bottom	3	2	29.3	8.14	28.7	79.7	5.21	10.9	8.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:54:33	1.0	Surface	1	1	26.47	7.89	21.14	79.3	5.72	11.3	6.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:55:14	1.0	Surface	1	2	26.33	7.88	17.48	77.3	5.52	11.2	6.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:55:07	5.1	Middle	2	1	26.17	7.86	19.97	76.9	5.62	11.5	5.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:54:24	5.1	Middle	2	2	26.19	7.86	21.15	77	5.57	11.6	5.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:55:00	9.2	Bottom	3	1	26.17	7.85	20.12	76.4	5.45	11.8	4.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	IS10	15:54:17	9.2	Bottom	3	2	26.3	7.86	21.32	75.6	5.45	11.8	4.6
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR3	14:16:32	0.7	Middle	2	1	29.41	8.23	28.28	81.6	5.33	16.6	14.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR3	14:16:40	0.7	Middle	2	2	29.4	8.22	28.37	81.3	5.31	17	15.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR4	14:53:58	1.0	Surface	1	1	29.38	8.14	28.55	79.3	5.18	10.3	5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR4	14:53:44	1.0	Surface	1	2	29.39	8.14	28.52	79.7	5.2	10.2	4.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR4	14:53:37	2.6	Bottom	3	1	29.34	8.14	28.77	79.7	5.2	10.7	5.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR4	14:53:51	2.6	Bottom	3	2	29.36	8.13	28.75	79.6	5.19	10.7	4.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR5	15:45:09	1.0	Surface	1	1	26.2	7.88	23.99	82.2	5.79	11.6	5.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR5	15:45:39	1.0	Surface	1	2	26.25	7.87	22.84	83.7	5.81	11.5	4.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR5	15:45:20	4.1	Bottom	3	1	26.21	7.87	24.35	79.1	5.6	11.8	5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR5	15:45:01	4.1	Bottom	3	2	26.32	7.87	25.77	78	5.51	11.7	4.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:22:12	1.0	Surface	1	1	29.13	8.21	30.27	81.6	5.33	4.7	4.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:21:49	1.0	Surface	1	2	29.13	8.21	30.47	81	5.33	4.8	3.3
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:21:41	3.3	Middle	2	1	29	8.2	32.41	80.8	5.27	4.8	4
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:22:05	3.3	Middle	2	2	29.04	8.19	32.21	80.9	5.27	4.8	4
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:21:56	5.5	Bottom	3	1	29.08	8.19	32.74	80.4	5.25	4.7	5.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10A	16:21:34	5.5	Bottom	3	2	29.06	8.19	32.58	80.3	5.25	4.9	5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10B	16:31:40	1.0	Surface	1	1	29.26	8.2	29.68	83.8	5.52	4.8	5.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10B	16:31:15	1.0	Surface	1	2	29.07	8.19	31.03	80.4	5.28	4.7	4.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10B	16:31:26	4.0	Bottom	3	1	29.04	8.19	32.48	80.2	5.23	4.7	6.1
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	SR10B	16:31:08	4.0	Bottom	3	2	29.1	8.19	32.41	80.4	5.24	4.8	5.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS2	14:30:29	1.0	Surface	1	1	26.24	7.92	24.71	81.8	5.76	9.4	8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS2	14:30:51	1.0	Surface	1	2	26.16	7.91	24.77	82.1	5.77	9.4	7.8
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS2	14:30:25	3.9	Middle	2	1	26.08	7.93	24.83	81.3	5.62	9.7	8.4
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS2	14:30:46	3.9	Middle	2	2	26.07	7.9	25.84	81.5	5.73	9.6	7.4
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS2	14:30:40	6.8	Bottom	3	1	26.14	7.92	27.87	80.2	5.62	9.9	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	2015-10-02	Mid-Ebb	Fine	CS2	14:30:18	6.8	Bottom	3	2	26.03	7.91	28.02	79.4	5.59	10.1	7.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:42:51	1.0	Surface	1	1	29.1	8.18	29.62	78.8	5.21	6.7	7.2
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:42:20	1.0	Surface	1	2	29.12	8.17	29.46	80.1	5.3	6.5	7.6
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:42:41	6.2	Middle	2	1	28.86	8.19	30.44	78.5	5.11	6.8	7.5
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:42:09	6.2	Middle	2	2	28.98	8.19	29.89	79.1	5.17	6.9	6.7
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:41:59	11.3	Bottom	3	1	28.95	8.15	34.31	78.2	5.13	6.7	7.9
HKLR	HY/2011/03	2015-10-02	Mid-Ebb	Fine	CS(Mf)5	15:42:33	11.3	Bottom	3	2	28.89	8.14	34.4	77.3	5.09	6.6	8.5
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:16:23	1.0	Surface	1	1	29.25	8.15	28.87	80.4	5.25	12.4	8.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:15:52	1.0	Surface	1	2	29.33	8.15	28.86	81	5.28	12.8	9.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:15:41	4.4	Middle	2	1	29.14	8.15	28.92	80.2	5.24	12.5	13.2
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:16:15	4.4	Middle	2	2	29.15	8.15	28.94	79.8	5.22	12.7	13.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:16:07	7.7	Bottom	3	1	29.14	8.15	28.98	79.6	5.21	12.6	12.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS5	11:15:30	7.7	Bottom	3	2	29.17	8.15	28.93	79.9	5.23	12.7	14.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)6	11:06:43	1.0	Surface	1	1	29.28	8.15	28.92	80.8	5.27	12.3	10.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)6	11:06:22	1.0	Surface	1	2	29.27	8.15	28.9	82.2	5.37	12.2	11.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)6	11:06:34	2.2	Bottom	3	1	29.3	8.14	29.05	80.4	5.24	12.4	9.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)6	11:06:10	2.2	Bottom	3	2	29.26	8.15	29	82	5.35	12.2	10.2
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS7	11:00:05	1.0	Surface	1	1	29.17	8.14	28.92	80.1	5.24	14.5	9.5
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS7	11:00:26	1.0	Surface	1	2	29.17	8.14	28.93	80.1	5.24	14.4	10.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS7	10:59:57	2.0	Bottom	3	1	29.17	8.14	29.01	80.1	5.24	14.5	13.5
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS7	11:00:14	2.0	Bottom	3	2	29.16	8.14	29	80	5.23	14.7	13.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS8	10:35:26	1.0	Surface	1	1	29.1	8.13	27.96	77.5	5.1	15.4	9.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS8	10:35:41	1.0	Surface	1	2	29.11	8.13	27.96	77.7	5.11	15.4	8.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS8	10:35:33	3.0	Bottom	3	1	29.08	8.13	28.01	77.3	5.09	15.8	15.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS8	10:35:18	3.0	Bottom	3	2	29.06	8.13	28.03	77.3	5.09	15.6	17.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)9	10:52:35	1.0	Surface	1	1	29.06	8.13	28.41	78.7	5.17	19.3	17.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)9	10:52:08	1.0	Surface	1	2	29.07	8.13	28.41	78.2	5.13	19.5	18.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)9	10:51:59	2.7	Bottom	3	1	29.05	8.13	28.51	78	5.12	19.4	17.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS(Mf)9	10:52:18	2.7	Bottom	3	2	29.03	8.13	28.57	77.9	5.12	19.5	18.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:55	1.0	Surface	1	1	26.45	7.85	25.28	81.5	5.69	15.8	27.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:32	1.0	Surface	1	2	26.4	7.85	25.46	81.8	5.73	16	26.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:49	5.2	Middle	2	1	26.29	7.85	25.37	80.8	5.66	16.2	26.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:26	5.2	Middle	2	2	26.31	7.85	25.54	79.7	5.58	16.1	26.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:20	9.4	Bottom	3	1	26.18	7.85	25.53	78.6	5.51	16.7	30.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	IS10	10:29:38	9.4	Bottom	3	2	26.18	7.85	25.47	78.9	5.53	16.5	30.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR3	11:26:09	0.7	Middle	2	1	29.28	8.15	28.84	81.5	5.32	11.9	13.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR3	11:26:01	0.7	Middle	2	2	29.26	8.15	28.85	81.5	5.32	11.7	12.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR4	10:43:46	1.0	Surface	1	1	29.06	8.13	28.45	79	5.18	21.5	16.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR4	10:44:01	1.0	Surface	1	2	29.07	8.13	28.41	78.9	5.18	21.2	16.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR4	10:43:38	2.7	Bottom	3	1	29.04	8.13	28.53	78.7	5.17	21.9	17.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR4	10:43:52	2.7	Bottom	3	2	29.05	8.13	28.53	79	5.19	22	16.9
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR5	10:38:41	1.0	Surface	1	1	26.25	7.86	23.4	77.6	5.47	19.3	26.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR5	10:38:26	1.0	Surface	1	2	26.22	7.85	23.84	77.9	5.5	19.2	28.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR5	10:38:19	4.1	Bottom	3	1	26.18	7.85	23.88	77.5	5.47	19.7	30.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR5	10:38:34	4.1	Bottom	3	2	26.18	7.85	23.66	77.5	5.45	19.7	30.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:36:19	1.0	Surface	1	1	28.88	8.16	30.59	78.5	5.19	8.7	6.1
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:35:58	1.0	Surface	1	2	28.88	8.16	30.16	79	5.23	8.6	6.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:35:51	3.3	Middle	2	1	28.84	8.15	31.67	78.9	5.19	8.6	6.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:36:12	3.3	Middle	2	2	28.84	8.15	31.66	78.7	5.18	8.8	7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:36:05	5.6	Bottom	3	1	28.87	8.15	31.69	78.6	5.16	8.8	6.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10A	09:35:46	5.6	Bottom	3	2	28.87	8.15	31.68	78.6	5.16	8.5	6.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10B	09:26:37	1.0	Surface	1	1	28.93	8.14	29.65	79.9	5.3	7.8	5.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10B	09:26:14	1.0	Surface	1	2	28.91	8.14	30.31	79.9	5.28	7.4	5.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10B	09:26:26	3.9	Bottom	3	1	28.87	8.13	31.74	79.5	5.22	7.8	6.2
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	SR10B	09:26:07	3.9	Bottom	3	2	28.9	8.12	31.32	79.9	5.26	7.9	5.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:46:19	1.0	Surface	1	1	26.25	7.86	18.66	76.9	5.59	19.5	28.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:47:14	1.0	Surface	1	2	26.27	7.86	18.38	76.9	5.6	19.6	28
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:46:12	4.0	Middle	2	1	26.19	7.85	18.88	76.8	5.59	19.7	29
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:46:32	4.0	Middle	2	2	26.22	7.86	18.62	76.8	5.6	19.7	28.6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:46:07	6.9	Bottom	3	1	26.11	7.85	18.96	76.6	5.58	19.8	27.3
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS2	11:46:27	6.9	Bottom	3	2	26.16	7.86	18.62	76.8	5.58	19.9	27.4
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:05:43	1.0	Surface	1	1	28.95	8.17	30.38	78.9	5.21	8.1	6.5
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:06:23	1.0	Surface	1	2	28.95	8.17	29.76	79	5.24	7.8	6.2
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:06:10	6	Middle	2	1	28.92	8.17	31.2	78	5.1	11.1	6.8
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:05:30	6	Middle	2	2	28.91	8.17	31.13	77.7	5.08	11.2	5.7
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:05:19	11	Bottom	3	1	28.91	8.16	32.56	77	5.07	11.4	6
HKLR	HY/2011/03	2015-10-02	Mid-Flood	Sunny	CS(Mf)5	10:05:54	11	Bottom	3	2	28.91	8.16	32.5	77.1	5.08	11.1	7.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:29:17	1.0	Surface	1	1	27.36	8.25	29.23	87.2	5.86	6.6	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:29:48	1.0	Surface	1	2	27.39	8.25	29.33	85.7	5.76	7.2	6.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:29:01	4.2	Middle	2	1	27.75	8.21	34.11	85.1	5.53	8.7	5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:29:35	4.2	Middle	2	2	27.81	8.22	34.11	83.9	5.45	9.5	4.5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:28:55	7.4	Bottom	3	1	27.53	8.21	34.68	86.5	5.62	7.9	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS5	07:29:27	7.4	Bottom	3	2	27.71	8.2	34.4	86.8	5.64	8.5	3.9
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)6	07:17:11	1.0	Surface	1	1	27.3	8.23	28.99	92.2	6.21	5	6.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)6	07:17:29	1.0	Surface	1	2	27.31	8.23	29.04	91.7	6.18	5.1	6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)6	07:16:59	2.2	Bottom	3	1	27.31	8.23	29.32	91.8	6.17	5.3	5.9
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)6	07:17:19	2.2	Bottom	3	2	27.35	8.22	30.05	92	6.16	5.3	7.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS7	07:09:48	1.0	Surface	1	1	27.53	8.21	30.64	93.9	6.24	5.6	7.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS7	07:10:05	1.0	Surface	1	2	27.53	8.21	30.64	94.2	6.27	5.8	6.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS7	07:09:35	2.2	Bottom	3	1	27.53	8.21	30.65	94.4	6.28	5.7	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS7	07:09:55	2.2	Bottom	3	2	27.53	8.21	30.65	94.3	6.27	5.7	6.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS8	06:40:26	1.0	Surface	1	1	27.65	8.21	30.81	90	5.97	4.9	6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS8	06:40:44	1.0	Surface	1	2	27.65	8.21	30.83	89.6	5.94	4.9	5.5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS8	06:40:32	2.7	Bottom	3	1	27.69	8.2	31.12	89.8	5.94	5	4.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS8	06:40:18	2.7	Bottom	3	2	27.68	8.21	30.96	89.8	5.95	5.2	6.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)9	07:02:00	1.0	Surface	1	1	27.54	8.21	30.64	93.6	6.23	5.2	5.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)9	07:02:20	1.0	Surface	1	2	27.54	8.21	30.64	93.8	6.24	5.3	5.3
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)9	07:01:51	2.3	Bottom	3	1	27.54	8.21	30.65	93.8	6.24	5.2	6.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS(Mf)9	07:02:08	2.3	Bottom	3	2	27.54	8.21	30.65	94.1	6.26	5.2	6.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:56	1.0	Surface	1	1	25.35	7.97	21.25	90	6.55	4.1	4.5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:20	1.0	Surface	1	2	25.36	7.97	21.16	90	6.55	4.1	5.9
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:08	5.4	Middle	2	1	25.23	7.94	25.95	90.6	6.43	4.1	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:44	5.4	Middle	2	2	25.18	7.94	26.32	90.3	6.41	4.2	5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:00	9.7	Bottom	3	1	25.2	7.93	26.55	90.5	6.41	4.1	4.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	IS10	06:11:37	9.7	Bottom	3	2	25.19	7.93	26.34	90.2	6.39	4.2	4.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR3	07:40:06	0.8	Middle	2	1	27.33	8.23	29.18	91.4	6.15	5.2	6.3
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR3	07:40:12	0.8	Middle	2	2	27.33	8.23	29.14	91.5	6.16	5.1	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR4	06:51:01	1.0	Surface	1	1	27.65	8.21	30.77	88.9	5.9	5.1	5.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR4	06:51:20	1.0	Surface	1	2	27.65	8.21	30.71	88.7	5.89	5.2	6.3
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR4	06:50:51	2.7	Bottom	3	1	27.67	8.2	31.08	89	5.9	5.2	4.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR4	06:51:08	2.7	Bottom	3	2	27.7	8.19	31.76	89.1	5.87	5.7	5.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR5	06:20:21	1.0	Surface	1	1	25.39	7.92	21.06	87.9	6.4	3.5	5.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR5	06:20:04	1.0	Surface	1	2	25.42	7.92	21.06	87.8	6.39	3.5	4.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR5	06:20:12	4.0	Bottom	3	1	25.41	7.9	23.48	88.3	6.34	3.6	6.2

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	2015-10-05	Mid-Ebb	Cloudy	SR5	06:19:59	4.0	Bottom	3	2	25.42	7.9	23.46	88.8	6.38	3.5	5.8
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:19:10	1.0	Surface	1	1	28.05	8.19	33.63	86.4	5.6	4	4.9
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:18:31	1.0	Surface	1	2	28.05	8.19	33.67	86.8	5.63	4	3.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:19:02	3.4	Middle	2	1	28.06	8.19	33.69	85.5	5.54	4.1	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:18:24	3.4	Middle	2	2	28.07	8.19	33.76	86.5	5.6	4	5.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:18:18	5.7	Bottom	3	1	28.07	8.19	33.81	86.3	5.59	4	4.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10A	05:18:53	5.7	Bottom	3	2	28.1	8.19	33.95	85.1	5.5	4.3	5.6
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10B	05:04:42	1.0	Surface	1	1	28.06	8.17	33.96	85.6	5.54	4	4.1
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10B	05:04:19	1.0	Surface	1	2	28.06	8.17	34.08	86.1	5.57	4	3.5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10B	05:04:07	4.3	Bottom	3	1	28.09	8.16	34.42	86	5.55	4.1	5.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	SR10B	05:04:30	4.3	Bottom	3	2	28.1	8.17	34.36	85.4	5.51	4.1	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:36:47	1.0	Surface	1	1	25.44	7.95	16.83	87.5	6.52	5.2	4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:36:03	1.0	Surface	1	2	25.42	7.95	17.43	87.3	6.48	5.2	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:35:55	4.0	Middle	2	1	25.31	7.9	22.47	87.6	6.34	5.5	4.5
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:36:32	4.0	Middle	2	2	25.31	7.91	22.98	87.3	6.3	5.2	5.3
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:36:20	6.9	Bottom	3	1	25.32	7.89	23.32	87.5	6.3	5.8	4.9
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS2	07:35:46	6.9	Bottom	3	2	25.27	7.86	24.41	87.6	6.27	5.9	4.4
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:55:38	1.0	Surface	1	1	28.05	8.2	33.57	86.3	5.6	4	4.2
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:55:01	1.0	Surface	1	2	28.08	8.2	33.69	84.1	5.45	4.1	2.8
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:55:21	6.6	Middle	2	1	28.13	8.19	34.24	82.9	5.35	4.1	5.3
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:54:50	6.6	Middle	2	2	28.14	8.19	34.37	82.8	5.34	4.3	3.8
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:55:11	12.1	Bottom	3	1	28.09	8.19	33.99	84.8	5.48	4	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Ebb	Cloudy	CS(Mf)5	05:54:44	12.1	Bottom	3	2	28.12	8.19	34.37	83.9	5.41	4.2	4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:17:11	1.0	Surface	1	1	27.54	8.26	29.79	92.3	6.17	10.7	6.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:16:42	1.0	Surface	1	2	27.57	8.26	29.99	90.6	6.04	11.1	5.9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:16:35	4.3	Middle	2	1	27.64	8.25	31.09	88.4	5.85	13.1	8.5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:16:59	4.3	Middle	2	2	27.66	8.25	31.25	88.8	5.87	13.2	9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:16:28	7.5	Bottom	3	1	27.66	8.23	33.13	90.4	5.92	13.4	8.6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS5	13:16:54	7.5	Bottom	3	2	27.64	8.23	33.35	91.2	5.96	13	9.8
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)6	13:27:40	1.0	Surface	1	1	27.68	8.24	30.93	97.3	6.45	9.2	10.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)6	13:27:51	1.0	Surface	1	2	27.68	8.24	30.94	97.4	6.45	9.4	10.1
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)6	13:27:45	2.1	Bottom	3	1	27.68	8.24	30.96	97	6.43	9.8	11.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)6	13:27:34	2.1	Bottom	3	2	27.68	8.24	30.96	96.6	6.4	9.1	10.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS7	13:35:27	1.0	Surface	1	1	27.69	8.23	31.01	97	6.42	9.2	9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS7	13:35:41	1.0	Surface	1	2	27.69	8.23	31.02	97	6.43	9	9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS7	13:35:17	2.2	Bottom	3	1	27.68	8.23	31.06	96.7	6.4	9.5	8.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS7	13:35:33	2.2	Bottom	3	2	27.68	8.23	31.06	97.1	6.43	9.3	7.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS8	14:07:31	1.0	Surface	1	1	27.98	8.21	32.32	86.9	5.68	9.8	9.1
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS8	14:07:05	1.0	Surface	1	2	27.99	8.21	32.21	87.8	5.75	9.5	9.7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS8	14:06:59	2.8	Bottom	3	1	27.98	8.21	32.35	88	5.75	12.1	8.9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS8	14:07:24	2.8	Bottom	3	2	28	8.2	32.59	87.9	5.74	11.6	9.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)9	13:42:13	1.0	Surface	1	1	27.68	8.22	31.05	97	6.42	9.5	9.6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)9	13:42:30	1.0	Surface	1	2	27.68	8.22	31.1	96.9	6.42	9.5	8.7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)9	13:42:01	2.2	Bottom	3	1	27.68	8.22	31.1	96.3	6.38	10.3	10.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS(Mf)9	13:42:18	2.2	Bottom	3	2	27.68	8.22	31.11	96.8	6.41	9.6	11.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:23:03	1.0	Surface	1	1	25.37	8.05	18.47	90.8	6.71	3.5	5.6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:22:36	1.0	Surface	1	2	25.42	8.05	18.91	90.6	6.67	3.6	4.5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:22:55	5.4	Middle	2	1	24.96	7.99	26.76	89.6	6.36	3.6	4.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:22:26	5.4	Middle	2	2	24.97	7.99	26.43	90.3	6.43	3.8	4.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:22:17	9.8	Bottom	3	1	25.09	7.97	27.24	89.7	6.34	3.9	4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	IS10	14:22:46	9.8	Bottom	3	2	25.06	7.97	27.93	89.7	6.32	3.7	5.5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR3	13:03:09	0.8	Middle	2	1	27.52	8.37	27.87	97.7	6.6	8.2	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	2015-10-05	Mid-Flood	Cloudy	SR3	13:03:18	0.8	Middle	2	2	27.52	8.35	28.32	97.4	6.56	8.6	6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR4	13:53:58	1.0	Surface	1	1	28.02	8.21	32.02	88.1	5.77	10.9	9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR4	13:53:41	1.0	Surface	1	2	28.02	8.22	32.01	88.9	5.82	10	10.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR4	13:53:49	2.5	Bottom	3	1	28.01	8.21	32.54	89.1	5.82	12.1	8.7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR4	13:53:30	2.5	Bottom	3	2	28.01	8.21	32.4	89.3	5.84	11.1	8.8
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR5	14:11:30	1.0	Surface	1	1	25.32	8.03	19.17	90.9	6.7	3.4	4.7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR5	14:11:48	1.0	Surface	1	2	25.47	8.02	19.03	89.8	6.61	3.4	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR5	14:11:23	3.9	Bottom	3	1	25.27	7.98	26.1	90.7	6.43	3.6	5.6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR5	14:11:38	3.9	Bottom	3	2	25.29	7.97	25.85	89.6	6.36	3.4	5.9
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:51:26	1.0	Surface	1	1	28.2	8.23	34.45	82.8	5.33	6	4.1
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:52:10	1.0	Surface	1	2	28.2	8.23	34.67	82	5.27	6.2	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:51:16	3.4	Middle	2	1	28.21	8.22	35.15	82	5.26	7.2	4.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:52:02	3.4	Middle	2	2	28.21	8.22	35.32	81.6	5.23	7.9	5.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:51:54	5.7	Bottom	3	1	28.21	8.22	35.41	82.2	5.26	8.8	6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10A	15:51:07	5.7	Bottom	3	2	28.21	8.22	35.45	82.6	5.29	8.2	4.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10B	16:06:04	1.0	Surface	1	1	28.2	8.22	34.93	82.1	5.27	6.6	3.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10B	16:05:39	1.0	Surface	1	2	28.2	8.22	34.82	82.1	5.28	6	3.5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10B	16:05:30	4.2	Bottom	3	1	28.21	8.22	35.26	82.4	5.28	6	3.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	SR10B	16:05:58	4.2	Bottom	3	2	28.21	8.22	35.27	82.2	5.27	6.3	5.2
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:56:30	1.0	Surface	1	1	25.53	8.11	18.01	87.4	6.46	2.8	5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:56:05	1.0	Surface	1	2	25.5	8.19	18.15	94.1	6.67	2.8	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:56:20	4.0	Middle	2	1	25.25	8.08	23.78	88.4	6.35	2.8	7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:55:55	4.0	Middle	2	2	25.2	8.19	24.81	92.5	6.62	2.9	6.3
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:55:44	7.0	Bottom	3	1	25.19	8.24	26.51	92.1	6.61	2.8	6.7
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS2	12:56:13	7.0	Bottom	3	2	25.37	8.07	27.12	88.1	6.2	2.8	6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:10:50	1.0	Surface	1	1	28.12	8.23	28.42	87.8	5.86	10.6	5
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:10:11	1.0	Surface	1	2	28.12	8.23	28.52	87.1	5.81	10.5	5.1
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:10:39	6.8	Middle	2	1	27.94	8.2	33.23	85.1	5.54	13	5.4
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:10:00	6.8	Middle	2	2	27.97	8.2	33.32	84.2	5.48	12.7	4.6
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:10:27	12.5	Bottom	3	1	27.98	8.19	33.29	86.4	5.62	12.3	3.8
HKLR	HY/2011/03	2015-10-05	Mid-Flood	Cloudy	CS(Mf)5	15:09:54	12.5	Bottom	3	2	27.98	8.2	33.35	84.3	5.48	13.1	3.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:11:15	1.0	Surface	1	1	27.71	8.24	25.75	84.6	5.77	6.4	2.9
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:10:53	1.0	Surface	1	2	27.74	8.23	25.95	85.3	5.8	6.6	3.9
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:10:47	4.4	Middle	2	1	27.84	8.21	28.99	83.9	5.6	6.6	2.4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:11:06	4.4	Middle	2	2	27.86	8.19	29.62	83.8	5.58	6.6	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:11:01	7.7	Bottom	3	1	27.78	8.17	33.81	85.1	5.54	6.5	3.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS5	10:10:39	7.7	Bottom	3	2	27.79	8.17	33.72	85.1	5.54	6.5	3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)6	10:02:36	1.0	Surface	1	1	27.69	8.2	26.37	91.4	6.21	7.5	1.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)6	10:02:51	1.0	Surface	1	2	27.69	8.2	26.32	91.6	6.23	7.3	1.5
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)6	10:02:29	2.3	Bottom	3	1	27.7	8.19	26.79	90.9	6.16	7.4	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)6	10:02:43	2.3	Bottom	3	2	27.69	8.2	26.45	91.4	6.2	7.5	1.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS7	09:55:47	1.0	Surface	1	1	27.57	8.21	25.89	96.7	6.6	3.1	1.1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS7	09:55:57	1.0	Surface	1	2	27.6	8.2	26.1	95.5	6.51	3.1	1.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS7	09:55:51	2.3	Bottom	3	1	27.62	8.2	26.26	96.2	6.55	3.2	1.9
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS7	09:55:35	2.3	Bottom	3	2	27.64	8.19	26.37	95.5	6.5	3.2	1.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS8	09:33:17	1.0	Surface	1	1	27.81	8.18	26.94	88.6	5.99	5	1.7
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS8	09:33:37	1.0	Surface	1	2	27.8	8.18	26.94	88	5.95	5.2	1.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS8	09:33:30	3.1	Bottom	3	1	27.78	8.16	28.58	88.6	5.94	5.4	1.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS8	09:33:10	3.1	Bottom	3	2	27.79	8.16	28.72	89.5	5.99	5.5	1.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)9	09:49:49	1.0	Surface	1	1	27.73	8.18	26.58	91.6	6.21	3.6	2.1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)9	09:49:36	1.0	Surface	1	2	27.72	8.18	26.52	92	6.24	3.6	2.1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS(Mf)9	09:49:29	2.7	Bottom	3	1	27.73	8.17	26.69	91.9	6.23	3.8	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	2015-10-07	Mid-Ebb	Sunny	IS(Mf)9	09:49:42	2.7	Bottom	3	2	27.74	8.18	26.64	92.2	6.25	3.7	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:03:08	1.0	Surface	1	1	24.95	7.97	15.38	85.8	6.51	2.8	4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:02:03	1.0	Surface	1	2	25.03	8.01	15.31	83.7	6.34	3	3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:02:45	5.1	Middle	2	1	25.26	7.91	24.35	82.4	5.9	3.3	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:01:50	5.1	Middle	2	2	25.23	7.92	24.34	82	5.88	3.6	2.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:02:31	9.2	Bottom	3	1	25.24	7.9	24.93	82.9	5.92	3.6	3.7
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	IS10	09:01:40	9.2	Bottom	3	2	25.15	7.89	26.63	82.1	5.81	3.8	3.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR3	10:20:48	0.7	Middle	2	1	27.66	8.2	25.84	88.2	6.01	5.8	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR3	10:20:54	0.7	Middle	2	2	27.65	8.2	25.88	88.5	6.03	5.9	3.4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR4	09:39:35	1.0	Surface	1	1	27.81	8.18	26.91	89.7	6.06	4.9	1.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR4	09:39:17	1.0	Surface	1	2	27.81	8.18	26.91	88.7	6	4.9	1.7
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR4	09:39:06	2.8	Bottom	3	1	27.8	8.16	27.93	88.1	5.93	5.4	2
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR4	09:39:26	2.8	Bottom	3	2	27.79	8.17	27.76	89.4	6.02	4.9	2.4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR5	09:10:03	1.0	Surface	1	1	25.08	7.93	15.35	86.4	6.53	2.2	2.9
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR5	09:09:45	1.0	Surface	1	2	25.12	7.92	15.31	86	6.5	2.1	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR5	09:09:37	3.8	Bottom	3	1	25.28	7.85	20.62	86.7	6.34	2.8	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR5	09:09:53	3.8	Bottom	3	2	25.19	7.86	20.94	87.3	6.38	2.5	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:27:48	1.0	Surface	1	1	28	8.16	28.08	87.3	5.85	2.7	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:28:09	1.0	Surface	1	2	27.99	8.16	27.83	87.5	5.87	2.6	1.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:28:03	3.3	Middle	2	1	28	8.16	27.97	87.2	5.85	2.6	1.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:27:42	3.3	Middle	2	2	28.01	8.16	28.27	87.5	5.85	2.6	1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:27:54	5.5	Bottom	3	1	27.99	8.16	28.04	87.1	5.83	2.7	2
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10A	08:27:36	5.5	Bottom	3	2	27.99	8.16	28.3	87.2	5.83	2.6	2.5
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10B	08:20:08	1.0	Surface	1	1	27.97	8.16	27.52	87.3	5.87	2.6	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10B	08:19:49	1.0	Surface	1	2	27.96	8.15	27.23	87.4	5.88	2.7	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10B	08:19:59	3.7	Bottom	3	1	27.98	8.14	29.25	87.4	5.82	2.6	2.2
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	SR10B	08:19:39	3.7	Bottom	3	2	28.01	8.14	29.39	87.3	5.8	2.6	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:26:59	1.0	Surface	1	1	25.07	7.89	12.28	84.7	6.52	3.9	3.1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:26:16	1.0	Surface	1	2	25.18	7.91	11.02	85.2	6.59	4.1	3.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:26:04	3.9	Middle	2	1	25.1	7.91	12.19	85	6.54	3.5	4
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:26:48	3.9	Middle	2	2	25.18	7.88	12.3	84.7	6.51	3.6	3.7
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:25:55	6.7	Bottom	3	1	25.32	7.84	17.71	84.6	6.28	3.3	3.3
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS2	10:26:42	6.7	Bottom	3	2	25.24	7.81	17.04	85.6	6.39	3.6	3.7
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:59:29	1.0	Surface	1	1	27.91	8.22	26.07	82.7	5.54	3.9	3.6
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:58:53	1.0	Surface	1	2	27.89	8.21	26.24	82.2	5.57	3.2	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:58:41	6.2	Middle	2	1	28.07	8.19	29.74	82	5.28	3.4	2.9
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:59:16	6.2	Middle	2	2	28.11	8.18	30.36	81.5	5.24	3.5	3.2
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:59:06	11.4	Bottom	3	1	28.07	8.13	35.05	77.9	5.14	3.5	4.1
HKLR	HY/2011/03	2015-10-07	Mid-Ebb	Sunny	CS(Mf)5	08:58:28	11.4	Bottom	3	2	28.06	8.13	34.88	78.4	5.2	3.6	4.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:11:52	1.0	Surface	1	1	27.78	8.17	25.82	89.6	5.89	8.2	3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:12:22	1.0	Surface	1	2	27.78	8.18	25.68	88.9	5.92	8	2.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:11:44	4.3	Middle	2	1	27.81	8.14	28.32	88.4	5.88	8.5	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:12:12	4.3	Middle	2	2	27.81	8.14	28.22	86.7	5.77	8.2	3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:11:37	7.6	Bottom	3	1	27.8	8.12	29.71	85.4	5.73	8.6	4.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS5	15:12:02	7.6	Bottom	3	2	27.81	8.13	29.8	83.8	5.63	8.2	3.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)6	15:20:29	1.0	Surface	1	1	27.91	8.2	24.29	96.3	6.6	6.2	4.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)6	15:20:16	1.0	Surface	1	2	27.89	8.2	23.6	96.7	6.65	6.2	5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)6	15:20:20	2.0	Bottom	3	1	27.87	8.18	26.54	97.4	6.59	6.2	4.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)6	15:20:08	2.0	Bottom	3	2	27.86	8.17	26.35	97.9	6.63	6.3	4.1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS7	15:25:52	1.0	Surface	1	1	27.84	8.2	25.77	92.8	6.31	5.9	2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS7	15:25:36	1.0	Surface	1	2	27.84	8.2	25.75	92.9	6.32	5.9	2.1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS7	15:25:28	2.2	Bottom	3	1	27.85	8.19	26.8	93.8	6.34	6.2	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	2015-10-07	Mid-Flood	Cloudy	IS7	15:25:42	2.2	Bottom	3	2	27.84	8.19	26.32	93.6	6.34	5.8	2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS8	15:48:39	1.0	Surface	1	1	27.96	8.17	22.28	89.5	6.19	7.8	2.8
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS8	15:48:55	1.0	Surface	1	2	27.96	8.17	22.61	89	6.15	7.7	2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS8	15:48:47	2.9	Bottom	3	1	27.88	8.12	27.04	89.3	6.03	7.7	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS8	15:48:32	2.9	Bottom	3	2	27.96	8.13	26.18	88.2	5.98	7.7	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)9	15:32:50	1.0	Surface	1	1	27.93	8.21	22.74	94.4	6.52	4.7	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)9	15:33:02	1.0	Surface	1	2	27.95	8.2	23.21	94.5	6.51	4.7	2.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)9	15:32:44	2.7	Bottom	3	1	27.95	8.19	25.35	94.1	6.4	4.7	3.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS(Mf)9	15:32:55	2.7	Bottom	3	2	27.95	8.18	25.7	94	6.38	4.7	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:29:06	1.0	Surface	1	1	25.23	7.97	13.55	84.4	6.43	5	3.1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:28:24	1.0	Surface	1	2	25.2	7.92	14.68	84.4	6.39	4.9	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:28:52	5.2	Middle	2	1	25.07	7.86	22.91	83.2	6.03	6.3	3.1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:28:07	5.2	Middle	2	2	25.06	7.83	23.11	83.8	6.07	6.2	2.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:27:54	9.4	Bottom	3	1	25.06	7.76	23.28	84.5	6.11	8.2	3.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	IS10	16:28:39	9.4	Bottom	3	2	25.08	7.82	23.74	84.5	6.09	7.9	4
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR3	15:00:56	0.7	Middle	2	1	27.78	8.1	25.42	97.8	6.67	3.8	1.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR3	15:01:02	0.7	Middle	2	2	27.78	8.11	25.39	97.5	6.65	3.9	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR4	15:42:42	1.0	Surface	1	1	27.98	8.18	21.26	89.6	6.24	6.2	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR4	15:42:27	1.0	Surface	1	2	28	8.18	21.28	89.6	6.23	6.1	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR4	15:42:18	2.8	Bottom	3	1	27.94	8.13	24.96	89.3	6.09	6.3	1.2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR4	15:42:35	2.8	Bottom	3	2	27.93	8.13	25.52	88.8	6.04	6.2	1.2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR5	16:23:09	1.0	Surface	1	1	25.21	7.91	12.01	86.4	6.64	5	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR5	16:23:35	1.0	Surface	1	2	25.17	7.89	11.98	85.9	6.61	5	2.1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR5	16:23:20	4.0	Bottom	3	1	25.08	7.81	20.11	85.5	6.3	6.1	3.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR5	16:22:41	4.0	Bottom	3	2	25.05	7.79	21.87	85.8	6.26	6	2.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:12:12	1.0	Surface	1	1	28.1	8.2	28.55	81.1	5.41	3.7	0.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:11:49	1.0	Surface	1	2	28.1	8.19	28.97	81.1	5.39	3.6	0.8
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:12:04	3.3	Middle	2	1	28.11	8.18	31.29	80.6	5.29	3.7	1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:11:40	3.3	Middle	2	2	28.12	8.18	31.77	81	5.31	3.8	0.9
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:11:34	5.6	Bottom	3	1	28.11	8.16	32.89	81.3	5.29	3.8	1.4
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10A	17:11:55	5.6	Bottom	3	2	28.1	8.16	32.86	80.9	5.26	3.8	1.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10B	17:21:30	1.0	Surface	1	1	28.11	8.2	30.64	80.4	5.3	3.3	0.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10B	17:21:49	1.0	Surface	1	2	28.11	8.2	30.33	80.5	5.31	3.4	0.9
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10B	17:21:39	4.2	Bottom	3	1	28.12	8.18	32.67	80.5	5.24	3.3	0.8
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	SR10B	17:21:21	4.2	Bottom	3	2	28.12	8.17	32.76	80.2	5.22	3.3	0.8
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:05:02	1.0	Surface	1	1	25.21	7.85	10.77	83.5	6.46	4.8	3.2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:04:27	1.0	Surface	1	2	25.19	7.82	10.79	82.9	6.42	4.8	2.3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:04:46	3.9	Middle	2	1	25.17	7.85	21.6	81.1	5.91	5.5	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:04:18	3.9	Middle	2	2	25.16	7.82	21.66	82.5	6.01	5.6	3
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:04:07	6.8	Bottom	3	1	25.14	7.8	27.49	86.2	6.08	5.7	2.7
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS2	15:04:37	6.8	Bottom	3	2	25.17	7.83	27.51	83.2	5.86	6	2.6
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:23:26	1.0	Surface	1	1	28.13	8.22	23.77	82.4	5.5	5.1	<0.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:22:55	1.0	Surface	1	2	28.12	8.21	23.95	82.4	5.64	5.2	<0.5
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:22:40	6.3	Middle	2	1	28.12	8.16	32.46	79.8	5.12	7.1	1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:23:15	6.3	Middle	2	2	28.11	8.16	32.48	80.8	5.19	7.5	1
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:22:32	11.6	Bottom	3	1	28.13	8.11	35.3	76.8	5.01	7.1	3.2
HKLR	HY/2011/03	2015-10-07	Mid-Flood	Cloudy	CS(Mf)5	16:23:06	11.6	Bottom	3	2	28.12	8.11	35.19	76.8	5.01	7.2	2.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:06:32	1.0	Surface	1	1	28.61	8.26	22.45	86	5.88	11.9	5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:07:01	1.0	Surface	1	2	28.38	8.3	22.06	82	5.64	11.7	4.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:06:16	4.2	Middle	2	1	28.06	8.21	33.89	82.4	5.29	12.4	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:06:52	4.2	Middle	2	2	28.07	8.2	34.11	81.1	5.39	12.2	5.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:06:04	7.3	Bottom	3	1	28.16	8.16	35.19	79.6	5.16	12.6	4.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS5	12:06:42	7.3	Bottom	3	2	28.21	8.15	35.42	80.4	5.2	12.5	4.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)6	11:54:08	1.0	Surface	1	1	28.29	8.2	20.86	91.2	6.33	8.8	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)6	11:54:33	1.0	Surface	1	2	28.32	8.19	22	93	6.4	8.6	4.2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)6	11:54:18	2.1	Bottom	3	1	28.12	8.14	25.47	91.4	6.2	8.8	4.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)6	11:53:58	2.1	Bottom	3	2	28.15	8.14	26	91	6.15	9.2	3.7
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS7	11:48:16	1.0	Surface	1	1	28.33	8.15	21.08	84.9	5.88	8.6	2.8
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS7	11:48:01	1.0	Surface	1	2	28.45	8.17	20.11	86.7	6.02	8.5	3.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS7	11:47:53	2.2	Bottom	3	1	28.35	8.13	24.01	86.5	5.89	8.8	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS7	11:48:08	2.2	Bottom	3	2	28.3	8.12	24.19	86.9	5.92	8.5	3.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS8	11:26:32	1.0	Surface	1	1	28.17	8.14	19.84	81.4	5.69	8.7	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS8	11:26:47	1.0	Surface	1	2	28.18	8.14	19.9	80.8	5.65	8.7	4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS8	11:26:39	3.1	Bottom	3	1	28.18	8.06	28.45	82.2	5.47	10.5	2.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS8	11:26:25	3.1	Bottom	3	2	28.18	8.06	27.95	82.8	5.53	10.1	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)9	11:41:18	1.0	Surface	1	1	28.19	8.17	20.98	87.5	6.08	4.6	3.7
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)9	11:41:34	1.0	Surface	1	2	28.25	8.16	21.95	88	6.07	4.6	3.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)9	11:41:23	2.7	Bottom	3	1	28.17	8.11	28.2	88.6	5.91	4.7	4.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS(Mf)9	11:41:05	2.7	Bottom	3	2	28.16	8.08	28.25	87.6	5.85	4.9	4.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:57	1.0	Surface	1	1	25.27	7.99	19.35	83.3	6.14	4.8	2.2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:20	1.0	Surface	1	2	25.26	7.98	19.4	84.4	6.22	4.9	2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:11	3.7	Middle	2	1	25.2	7.92	26.06	84.6	6.01	5.3	2.3
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:46	3.7	Middle	2	2	25.2	7.92	27.02	81.5	5.76	5.5	2.2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:35	6.4	Bottom	3	1	25.2	7.89	27.7	84.9	5.97	6.2	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	IS10	11:26:05	6.4	Bottom	3	2	25.22	7.92	27.92	86.5	6.07	6.3	2.7
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR3	12:15:51	0.8	Middle	2	1	28.61	8.2	22.36	90.8	6.21	6.2	6.2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR3	12:15:45	0.8	Middle	2	2	28.61	8.2	22.35	90.5	6.19	5.8	5.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR4	11:34:09	1.0	Surface	1	1	28.18	8.13	19.98	80.1	5.59	9.1	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR4	11:33:54	1.0	Surface	1	2	28.2	8.14	19.8	83.2	5.81	8.9	3.3
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR4	11:33:46	2.7	Bottom	3	1	28.21	8.08	25.72	85.5	5.78	9.4	2.8
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR4	11:34:02	2.7	Bottom	3	2	28.2	8.06	27.91	83.4	5.57	9.5	2.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR5	11:35:46	1.0	Surface	1	1	25.24	7.92	19.06	88.7	6.55	3.2	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR5	11:35:32	1.0	Surface	1	2	25.28	7.94	19.23	88.7	6.54	3	3.3
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR5	11:35:21	4.3	Bottom	3	1	25.14	7.88	23.84	89.3	6.43	3.5	2.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR5	11:35:39	4.3	Bottom	3	2	25.21	7.9	23.44	89.5	6.45	3.1	3
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:30	1.0	Surface	1	1	27.98	8.21	27.1	86.7	5.84	2.7	2.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:49	1.0	Surface	1	2	27.98	8.21	27.12	86.8	5.85	2.9	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:42	3.2	Middle	2	1	27.98	8.2	28.11	86.7	5.81	2.9	3.2
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:23	3.2	Middle	2	2	27.97	8.2	28.33	86.5	5.79	2.8	2.8
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:37	5.4	Bottom	3	1	27.98	8.2	28.24	86.6	5.8	2.9	3.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10A	10:00:16	5.4	Bottom	3	2	27.97	8.19	28.5	86.5	5.78	2.9	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10B	09:51:52	1.0	Surface	1	1	27.98	8.2	27.34	87.3	5.87	2.7	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10B	09:51:30	1.0	Surface	1	2	27.98	8.19	27.62	87.2	5.86	2.9	2.3
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10B	09:51:20	4.4	Bottom	3	1	27.98	8.17	29.62	87.3	5.8	2.8	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	SR10B	09:51:36	4.4	Bottom	3	2	27.98	8.18	29.23	87.3	5.81	2.7	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:55:10	1.0	Surface	1	1	25.37	7.94	15.08	85.3	6.43	4.4	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:55:36	1.0	Surface	1	2	25.32	7.92	14.92	86.8	6.56	4.2	4.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:54:59	3.0	Middle	2	1	25.2	7.96	15.68	82.8	6.24	4.5	4.8
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:55:25	3.0	Middle	2	2	25.22	7.93	15.25	86.5	6.53	4.2	4.6
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:55:19	4.9	Bottom	3	1	25.25	7.92	17.08	86.8	6.48	5.5	4.7
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS2	12:54:50	4.9	Bottom	3	2	25.17	7.92	19.52	82.2	6.06	5.3	4.5
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:50:48	1.0	Surface	1	1	28.22	8.26	21.81	82.6	5.71	5	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:50:14	1.0	Surface	1	2	28.24	8.24	21.86	85.3	5.89	4.8	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:49:57	6.2	Middle	2	1	28.11	8.19	32.53	78.8	5.14	7.2	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	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:50:37	6.2	Middle	2	2	28.13	8.19	32.03	79.3	5.18	7.2	4.1
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:50:27	11.4	Bottom	3	1	28.16	8.12	36.56	81.9	5.22	7.8	4.9
HKLR	HY/2011/03	2015-10-09	Mid-Ebb	Sunny	CS(Mf)5	10:49:43	11.4	Bottom	3	2	28.16	8.14	36.57	80	5.09	7.9	4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:13:15	1.0	Surface	1	1	28.78	8.31	22.79	89.9	6.12	8.1	4.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:13:50	1.0	Surface	1	2	28.78	8.3	23.55	90.8	6.16	8.4	4.2
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:13:01	4.3	Middle	2	1	28.32	8.25	28.73	86.4	5.59	8.6	4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:13:34	4.3	Middle	2	2	28.15	8.22	31.27	86.2	5.55	8.6	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:13:25	7.5	Bottom	3	1	28.31	8.2	33.97	78.3	5.14	8.7	4.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS5	16:12:50	7.5	Bottom	3	2	28.17	8.2	33.58	80.5	5.34	8.9	6.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)6	16:22:27	1.0	Surface	1	1	28.85	8.29	22.34	97.2	6.63	8.4	4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)6	16:22:08	1.0	Surface	1	2	28.84	8.29	22.32	98	6.68	8.6	3.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)6	16:21:58	2.1	Bottom	3	1	28.57	8.24	26.28	98.3	6.59	8.9	3.6
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)6	16:22:17	2.1	Bottom	3	2	28.57	8.24	26.32	97.3	6.52	8.8	3.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS7	16:28:48	1.0	Surface	1	1	28.61	8.25	26.27	94	6.29	5.8	3.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS7	16:28:30	1.0	Surface	1	2	28.61	8.25	26.18	93.5	6.27	5.7	3.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS7	16:28:22	2.1	Bottom	3	1	28.56	8.24	26.32	94.5	6.33	5.6	6.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS7	16:28:36	2.1	Bottom	3	2	28.48	8.24	26.35	92.7	6.22	5.6	6.4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS8	16:48:27	1.0	Surface	1	1	28.67	8.19	24.12	86.9	5.88	13.2	15.6
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS8	16:48:09	1.0	Surface	1	2	28.66	8.19	24.09	87	5.89	13.4	15.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS8	16:48:18	3.1	Bottom	3	1	28.55	8.17	25.53	85.9	5.78	13.5	14
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS8	16:48:00	3.1	Bottom	3	2	28.67	8.18	27.63	88.8	5.9	13.5	14.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)9	16:34:28	1.0	Surface	1	1	28.7	8.22	24.04	92.3	6.25	8.5	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)9	16:34:51	1.0	Surface	1	2	28.71	8.22	24.38	93.1	6.29	8.6	3.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)9	16:34:21	2.7	Bottom	3	1	28.69	8.21	25.27	92.8	6.24	8.9	3.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS(Mf)9	16:34:40	2.7	Bottom	3	2	28.61	8.19	25.67	91.3	6.13	8.6	3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:21:24	1.0	Surface	1	1	25.52	7.98	11.65	87.9	6.73	4	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:20:11	1.0	Surface	1	2	25.46	7.97	12.39	83.7	6.39	4.3	2.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:20:02	3.6	Middle	2	1	25.36	7.93	16.81	81.7	6.1	6.2	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:21:05	3.6	Middle	2	2	25.38	7.9	19.21	82	6.04	6.7	3.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:19:54	6.2	Bottom	3	1	25.34	7.88	21.61	84.2	6.11	7.3	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	IS10	17:20:25	6.2	Bottom	3	2	25.3	7.9	20.93	83.5	6.09	7.8	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR3	16:00:18	0.7	Middle	2	1	28.74	8.33	21.23	96.5	6.63	5.5	4.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR3	16:00:12	0.7	Middle	2	2	28.67	8.31	22.73	96.7	6.6	5.6	4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR4	16:41:04	1.0	Surface	1	1	28.7	8.2	24.05	89.5	6.06	12.5	15.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR4	16:40:49	1.0	Surface	1	2	28.69	8.21	23.97	89	6.03	12.3	15.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR4	16:40:54	2.7	Bottom	3	1	28.67	8.2	25.2	90	6.05	12.1	16
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR4	16:40:41	2.7	Bottom	3	2	28.7	8.2	25.09	89.1	5.99	12.4	15.7
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR5	17:12:38	1.0	Surface	1	1	25.48	7.95	13.86	88.8	6.73	4.1	3.4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR5	17:12:18	1.0	Surface	1	2	25.52	7.97	13.75	90.9	6.88	4.3	4.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR5	17:12:31	4.0	Bottom	3	1	25.42	7.93	16.45	90.4	6.76	4.3	3.1
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR5	17:12:05	4.0	Bottom	3	2	25.41	7.92	16.7	89.9	6.71	4.5	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:13:05	1.0	Surface	1	1	28.19	8.25	31.81	79.5	5.2	6.2	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:12:41	1.0	Surface	1	2	28.18	8.25	32.07	79.5	5.19	6.4	4.2
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:12:32	3.4	Middle	2	1	28.23	8.25	33.95	79.7	5.14	6.5	2.2
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:12:57	3.4	Middle	2	2	28.23	8.24	33.86	79.1	5.11	6.4	2
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:12:49	5.7	Bottom	3	1	28.21	8.22	35.44	79.1	5.07	6.6	2.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10A	18:12:24	5.7	Bottom	3	2	28.23	8.23	35.18	79.7	5.11	6.2	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10B	18:21:36	1.0	Surface	1	1	28.18	8.25	30.15	79.5	5.24	4.7	2.7
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10B	18:21:20	1.0	Surface	1	2	28.19	8.24	31.09	79.8	5.24	4.8	2.4
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10B	18:21:13	4.2	Bottom	3	1	28.19	8.22	34.49	79.5	5.12	4.9	2.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	SR10B	18:21:27	4.2	Bottom	3	2	28.2	8.22	34.6	79.3	5.1	4.9	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:53:25	1.0	Surface	1	1	25.5	7.97	20.33	87.2	6.36	2.9	3.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:54:12	1.0	Surface	1	2	25.52	7.98	20.05	90.4	6.61	3.1	3.5
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:53:14	3.9	Middle	2	1	25.38	7.95	23.72	83.6	6	4.8	2.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:53:51	3.9	Middle	2	2	25.36	7.96	24.41	83.4	5.96	4.7	4.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:53:04	6.7	Bottom	3	1	25.23	7.91	28.89	84	5.86	5.1	3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS2	15:53:37	6.7	Bottom	3	2	25.27	7.9	29.07	86.2	6.01	5.4	2.7
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:28:39	1.0	Surface	1	1	28.33	8.24	26.77	82.9	5.56	5.7	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:27:54	1.0	Surface	1	2	28.31	8.28	25.79	81.1	5.36	5.7	2.3
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:28:16	6.4	Middle	2	1	28.16	8.22	36.32	80.9	5.12	5.6	3.8
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:27:41	6.4	Middle	2	2	28.16	8.22	36.31	79.5	5.03	5.6	2.6
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:27:34	11.8	Bottom	3	1	28.17	8.19	37.83	77.4	4.94	5.6	2.9
HKLR	HY/2011/03	2015-10-09	Mid-Flood	Sunny	CS(Mf)5	17:28:07	11.8	Bottom	3	2	28.17	8.19	37.8	78.6	4.97	5.6	3.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:33:12	1.0	Surface	1	1	26.28	8.31	32.33	82.8	5.57	10.4	3.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:32:43	1.0	Surface	1	2	26.33	8.31	32.52	82.8	5.56	10.4	4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:33:03	4.5	Middle	2	1	26.62	8.3	34.89	83.2	5.49	10.5	4.1
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:32:34	4.5	Middle	2	2	26.64	8.29	34.92	83.2	5.49	10.6	4.7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:32:28	7.9	Bottom	3	1	26.43	8.28	36.2	83.6	5.49	10.5	5.7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS5	11:32:51	7.9	Bottom	3	2	26.42	8.28	36.22	83.3	5.47	10.2	5.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)6	11:38:36	1.0	Surface	1	1	26.33	8.28	32.43	82.8	5.57	8.5	5.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)6	11:38:51	1.0	Surface	1	2	26.3	8.27	32.7	82.7	5.55	8.4	4.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)6	11:38:43	2.2	Bottom	3	1	26.32	8.27	32.87	83.1	5.57	8.6	4.2
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)6	11:38:28	2.2	Bottom	3	2	26.33	8.27	33.57	83.5	5.57	8.5	3.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS7	11:47:48	1.0	Surface	1	1	26.44	8.24	31.82	78.3	5.27	8.6	4.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS7	11:47:28	1.0	Surface	1	2	26.45	8.24	32.37	79.2	5.31	8.7	4.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS7	11:47:21	2.2	Bottom	3	1	26.39	8.24	32.44	79.6	5.35	8.8	5.2
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS7	11:47:34	2.2	Bottom	3	2	26.54	8.24	32.49	79.1	5.3	8.8	4.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS8	12:09:14	1.0	Surface	1	1	26.5	8.27	32.44	83.6	5.6	4.5	4.1
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS8	12:08:59	1.0	Surface	1	2	26.33	8.27	32.21	83	5.58	4.5	3.5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS8	12:08:52	2.9	Bottom	3	1	26.32	8.26	33.86	83.2	5.55	4.5	4.2
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS8	12:09:09	2.9	Bottom	3	2	26.45	8.26	33.9	83.6	5.56	4.6	5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)9	11:54:15	1.0	Surface	1	1	26.74	8.24	32.28	77.8	5.2	5.1	4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)9	11:53:57	1.0	Surface	1	2	26.84	8.24	31.73	77.9	5.21	5.2	5.5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)9	11:53:51	2.7	Bottom	3	1	26.88	8.23	33.66	78.8	5.21	5.3	4.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS(Mf)9	11:54:04	2.7	Bottom	3	2	26.89	8.23	33.63	78.5	5.19	5.2	5.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:52	1.0	Surface	1	1	23.92	7.88	24.42	95.1	6.71	6.2	6.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:23	1.0	Surface	1	2	23.77	7.88	26.77	95.4	6.73	6.2	5.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:39	5.2	Middle	2	1	23.86	7.87	25.36	91.8	6.59	6.3	6.7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:15	5.2	Middle	2	2	23.93	7.87	28.04	90.8	6.54	6.3	5.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:31	9.3	Bottom	3	1	23.73	7.87	26.32	88.9	6.45	6.5	6.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	IS10	12:15:10	9.3	Bottom	3	2	23.76	7.88	27.96	88.1	6.33	6.4	6.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR3	11:21:05	0.8	Middle	2	1	26.18	8.29	32.73	84.7	5.7	6.3	4.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR3	11:20:58	0.8	Middle	2	2	26.17	8.3	32.72	84.9	5.71	6.3	5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR4	12:04:02	1.0	Surface	1	1	26.27	8.27	31.84	83.9	5.66	4.5	3.7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR4	12:03:48	1.0	Surface	1	2	26.32	8.27	31.87	84.1	5.67	4.5	2.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR4	12:03:42	2.7	Bottom	3	1	26.3	8.26	33.99	84.4	5.62	4.4	4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR4	12:03:56	2.7	Bottom	3	2	26.33	8.26	33.89	84.3	5.61	4.4	3.2
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR5	12:06:59	1.0	Surface	1	1	23.77	7.87	28.56	92.3	6.52	6.4	6.5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR5	12:07:14	1.0	Surface	1	2	23.69	7.87	28	90	6.44	6.4	7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR5	12:07:05	3.8	Bottom	3	1	23.67	7.87	28.4	88.9	6.38	6.7	5.9
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR5	12:06:53	3.8	Bottom	3	2	23.66	7.87	28.81	89.4	6.42	6.6	6.7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:22:29	1.0	Surface	1	1	27.39	8.3	37.07	82.5	5.31	4.1	4.1
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:23:10	1.0	Surface	1	2	27.39	8.3	37.05	82.3	5.29	4	3.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:22:15	3.2	Middle	2	1	27.41	8.3	37.18	82.2	5.29	4.5	3.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:23:02	3.2	Middle	2	2	27.39	8.3	37.12	82.1	5.28	4.2	3.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:22:52	5.4	Bottom	3	1	27.39	8.3	37.12	82.1	5.28	4.4	3.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10A	13:22:07	5.4	Bottom	3	2	27.41	8.3	37.2	82.2	5.28	4.4	4.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10B	13:31:26	1.0	Surface	1	1	27.38	8.3	37.02	82.7	5.32	3.8	4.5
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10B	13:31:07	1.0	Surface	1	2	27.38	8.3	37.02	82.8	5.33	3.7	6.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10B	13:31:01	3.8	Bottom	3	1	27.38	8.3	37.04	82.5	5.31	3.8	4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	SR10B	13:31:14	3.8	Bottom	3	2	27.38	8.3	37.05	82.7	5.32	3.9	5.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:01:00	1.0	Surface	1	1	23.75	7.92	31.63	96.8	6.78	7.1	7
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:00:41	1.0	Surface	1	2	23.78	7.95	31.69	96	6.75	7	7.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:00:54	3.9	Middle	2	1	23.85	7.93	31.78	94.5	6.66	7.3	6.9
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:00:36	3.9	Middle	2	2	23.89	7.93	31.73	92.4	6.45	7.2	6.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:00:26	6.8	Bottom	3	1	23.83	7.91	33.6	90.6	6.39	7.5	8.2
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS2	11:00:49	6.8	Bottom	3	2	23.75	7.93	33.5	91.3	6.43	7.6	8.3
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:23	1.0	Surface	1	1	26.8	8.3	35.15	84.7	5.5	4.3	2.9
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:53	1.0	Surface	1	2	26.78	8.3	35.05	85.1	5.53	4.5	4.1
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:44	6.4	Middle	2	1	27.23	8.29	35.07	84.4	5.44	4.4	4.4
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:11	6.4	Middle	2	2	27.29	8.29	35.66	83.6	5.39	4.4	3.8
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:37	11.7	Bottom	3	1	27.19	8.28	37.15	82.1	5.35	5.4	5.6
HKLR	HY/2011/03	2015-10-12	Mid-Ebb	Cloudy	CS(Mf)5	12:52:03	11.7	Bottom	3	2	27.26	8.28	37.07	81.7	5.3	5.4	6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:21:37	1.0	Surface	1	1	26.3	8.28	32.01	82.2	5.47	9.4	6.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:21:02	1.0	Surface	1	2	26.29	8.28	31.9	82.1	5.51	9.1	6.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:21:27	4.5	Middle	2	1	26.69	8.27	33.95	81.6	5.39	10.5	6.1
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:20:53	4.5	Middle	2	2	26.68	8.27	33.79	81.8	5.41	10.2	7
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:20:43	8.0	Bottom	3	1	26.58	8.26	34.52	81.6	5.41	10.4	5.6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS5	07:21:14	8.0	Bottom	3	2	26.57	8.26	34.56	81	5.36	10.6	6.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)6	07:13:48	1.0	Surface	1	1	26.05	8.25	32.02	84.3	5.67	4.7	3.6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)6	07:13:29	1.0	Surface	1	2	26.03	8.25	32	84.8	5.71	4.6	4.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)6	07:13:35	2.2	Bottom	3	1	26.27	8.24	32.34	83.6	5.66	4.7	6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)6	07:13:21	2.2	Bottom	3	2	26.15	8.24	32.54	84.3	5.7	4.8	5.6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS7	07:06:32	1.0	Surface	1	1	26.18	8.25	30.82	78.7	5.35	5.6	4.3
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS7	07:06:43	1.0	Surface	1	2	26.27	8.24	30.81	78	5.3	5.7	3.4
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS7	07:06:37	2.2	Bottom	3	1	26.22	8.23	33.52	79.3	5.3	5.6	2.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS7	07:06:25	2.2	Bottom	3	2	26.19	8.23	33.56	79.8	5.34	5.6	3.1
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS8	06:45:45	1.0	Surface	1	1	26.41	8.28	32.97	83.4	5.58	4.6	2.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS8	06:45:27	1.0	Surface	1	2	26.37	8.28	33.02	83.7	5.6	4.8	3.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS8	06:45:17	3.0	Bottom	3	1	26.43	8.27	34.59	84.2	5.58	4.9	4.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS8	06:45:36	3.0	Bottom	3	2	26.59	8.27	34.55	84.3	5.57	4.8	3
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)9	07:00:00	1.0	Surface	1	1	25.8	8.27	31.31	81.7	5.58	4.1	3.7
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)9	07:00:13	1.0	Surface	1	2	26.26	8.26	31.3	81.2	5.5	3.8	2.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)9	07:00:06	2.6	Bottom	3	1	26.76	8.24	33.18	82.1	5.46	3.9	2.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS(Mf)9	06:59:49	2.6	Bottom	3	2	26.53	8.24	33.47	83.7	5.57	3.8	2.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:33:16	1.0	Surface	1	1	24.18	7.9	32.33	86.9	6.13	9.1	8.3
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:33:55	1.0	Surface	1	2	24.19	7.9	32.34	87.1	6.13	9	8.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:33:09	5.3	Middle	2	1	24.19	7.9	32.4	84.4	5.89	9.3	10.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:33:41	5.3	Middle	2	2	24.21	7.9	32.42	85.4	5.96	9.3	10.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:32:56	9.5	Bottom	3	1	24.18	7.89	32.4	83.6	5.83	9.5	13.4
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	IS10	06:33:25	9.5	Bottom	3	2	24.21	7.89	32.47	83.8	5.84	9.5	13.1
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR3	07:30:21	0.8	Middle	2	1	26.2	8.26	32.23	82.7	5.58	6.4	5.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR3	07:30:16	0.8	Middle	2	2	26.18	8.26	32.2	82.5	5.56	6.3	6.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR4	06:51:09	1.0	Surface	1	1	26.38	8.28	33.06	83.6	5.59	4.2	3.7
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR4	06:50:52	1.0	Surface	1	2	26.31	8.28	33.13	83.7	5.6	4.1	3.4
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR4	06:50:43	2.9	Bottom	3	1	26.41	8.27	34.54	84	5.57	4.4	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	2015-10-12	Mid-Flood	Cloudy	SR4	06:51:01	2.9	Bottom	3	2	26.55	8.27	34.52	84.1	5.56	4.1	5.1
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR5	06:40:26	1.0	Surface	1	1	24.15	7.91	32.29	83	5.79	9.3	8.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR5	06:40:51	1.0	Surface	1	2	24.22	7.91	32.38	83.1	5.79	9.2	8.3
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR5	06:40:10	3.9	Bottom	3	1	24.21	7.9	32.45	83.1	5.8	9.6	8.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR5	06:40:40	3.9	Bottom	3	2	24.19	7.91	32.38	83.1	5.79	9.7	9.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:23	1.0	Surface	1	1	27.34	8.28	36.41	81.4	5.26	8.2	7.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:47	1.0	Surface	1	2	27.31	8.28	36.23	81.1	5.25	8.4	6.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:13	3.3	Middle	2	1	27.5	8.28	36.58	81.3	5.23	8.6	7.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:38	3.3	Middle	2	2	27.42	8.28	36.39	81.1	5.23	8.6	7.6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:05	5.6	Bottom	3	1	27.52	8.28	36.75	81.2	5.22	9.1	6.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10A	05:43:29	5.6	Bottom	3	2	27.43	8.28	36.63	81.1	5.23	8.6	6.6
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10B	05:31:48	1.0	Surface	1	1	27.53	8.27	37	81.8	5.25	8.3	4.9
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10B	05:31:33	1.0	Surface	1	2	27.51	8.26	37.07	81.8	5.25	8.5	4.7
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10B	05:31:24	4.3	Bottom	3	1	27.53	8.26	37.17	81.7	5.24	8.5	5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	SR10B	05:31:38	4.3	Bottom	3	2	27.52	8.26	37.07	81.6	5.24	8.5	5.8
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:54:22	1.0	Surface	1	1	23.95	7.9	30.93	84.6	5.94	10	8.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:55:03	1.0	Surface	1	2	23.94	7.91	30.38	85	5.97	10.1	8.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:54:09	3.9	Middle	2	1	24.09	7.89	31.3	83.9	5.92	10.2	8.7
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:54:53	3.9	Middle	2	2	24.05	7.91	30.57	84.6	5.97	10.3	9.1
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:54:46	6.7	Bottom	3	1	24.08	7.9	30.65	83.8	5.91	10.5	7.8
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS2	07:54:01	6.7	Bottom	3	2	24.09	7.89	31.54	83.8	5.94	10.6	7.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:23	1.0	Surface	1	1	27.11	8.3	35.33	81.9	5.29	7.6	2.2
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:59	1.0	Surface	1	2	27.03	8.3	35.46	81.4	5.3	7.2	2.8
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:48	6.5	Middle	2	1	27.49	8.29	36.84	81.2	5.22	7.6	2.4
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:12	6.5	Middle	2	2	27.49	8.29	36.82	81.5	5.24	7.8	3.8
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:38	12	Bottom	3	1	27.45	8.29	36.87	80.8	5.19	7.9	2.5
HKLR	HY/2011/03	2015-10-12	Mid-Flood	Cloudy	CS(Mf)5	06:15:04	12	Bottom	3	2	27.45	8.29	36.84	80.9	5.21	7.8	3.1
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:42:09	1.0	Surface	1	1	26.8	8.28	35.87	87.5	5.72	6.8	8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:41:07	1.0	Surface	1	2	26.8	8.29	36.01	87.4	5.71	6.7	8.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:41:02	4.2	Middle	2	1	26.7	8.29	36.06	87.3	5.7	6.9	6.6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:42:02	4.2	Middle	2	2	26.74	8.28	35.91	87.4	5.71	6.9	6.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:41:56	7.4	Bottom	3	1	26.78	8.28	35.89	87.2	5.7	7.2	6.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS5	12:40:57	7.4	Bottom	3	2	26.76	8.3	36.02	87.2	5.7	7.2	6.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)6	12:50:40	1.0	Surface	1	1	26.6	8.27	35.48	86.6	5.69	10	6.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)6	12:50:29	1.0	Surface	1	2	26.59	8.27	35.49	87.7	5.76	9.8	7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)6	12:50:35	2.2	Bottom	3	1	26.6	8.27	35.48	86.2	5.67	10.4	5.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)6	12:50:25	2.2	Bottom	3	2	26.59	8.27	35.49	86.9	5.71	10.5	6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS7	12:56:56	1.0	Surface	1	1	26.5	8.27	35.33	90.7	5.99	6.4	6.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS7	12:57:06	1.0	Surface	1	2	26.52	8.27	35.3	91.5	6.06	6.5	7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS7	12:56:51	2.4	Bottom	3	1	26.5	8.27	35.36	87.5	5.77	6.9	7.9
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS7	12:57:01	2.4	Bottom	3	2	26.54	8.27	35.27	87.7	5.78	6.9	6.3
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS8	13:22:31	1.0	Surface	1	1	27.08	8.27	35.08	88.8	5.79	4	4.9
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS8	13:22:21	1.0	Surface	1	2	27.13	8.27	35.15	89.3	5.83	4	5.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS8	13:22:26	2.9	Bottom	3	1	27.51	8.27	34.81	88.3	5.74	4.1	1.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS8	13:22:15	2.9	Bottom	3	2	27.6	8.27	34.85	87.8	5.72	4.1	1.9
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)9	13:05:13	1.0	Surface	1	1	27.01	8.28	35.35	92.9	6.1	3.9	0.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)9	13:05:27	1.0	Surface	1	2	27.1	8.28	35.29	92.5	6.08	3.9	1.1
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)9	13:05:08	2.5	Bottom	3	1	26.98	8.28	35.2	91.9	5.99	4	4.6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS(Mf)9	13:05:20	2.5	Bottom	3	2	27.29	8.28	35.03	91.5	5.98	3.9	4.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS10	13:38:32	1.0	Surface	1	1	24	8.03	22.28	86.9	6.44	5.3	4.9
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS10	13:39:01	1.0	Surface	1	2	23.92	8.02	22.16	87.2	6.48	5.2	5.5
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS10	13:38:53	5.4	Middle	2	1	23.93	8.01	23.84	87	6.4	5.4	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	2015-10-14	Mid-Ebb	Sunny	IS10	13:38:20	5.4	Middle	2	2	23.92	8.02	24.17	86.8	6.37	5.5	4.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS10	13:38:43	9.7	Bottom	3	1	23.93	8.01	24.17	87.9	6.45	5.4	3.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	IS10	13:38:09	9.7	Bottom	3	2	23.91	8.01	24.6	87.4	6.4	5.5	4.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR3	12:30:36	0.6	Middle	2	1	26.77	8.37	36.57	91.2	6.01	7.8	7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR3	12:30:30	0.6	Middle	2	2	26.72	8.38	36.69	92	6	7.9	8.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR4	13:11:52	1.0	Surface	1	1	26.89	8.28	35.23	90.9	6.02	4.5	5.3
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR4	13:11:42	1.0	Surface	1	2	26.75	8.28	35.27	90.4	5.93	4.6	5
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR4	13:11:47	2.7	Bottom	3	1	27.02	8.27	35.14	88.6	5.81	4.6	5.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR4	13:11:37	2.7	Bottom	3	2	26.9	8.28	35.2	87.5	5.73	4.6	4.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR5	13:22:00	1.0	Surface	1	1	24.03	8.03	25.4	90.1	6.55	4.4	2.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR5	13:22:13	1.0	Surface	1	2	23.93	8.02	24.71	89.6	6.56	4.4	2.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR5	13:22:07	4.1	Bottom	3	1	23.98	8.01	26.36	90	6.52	4.5	6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR5	13:21:52	4.1	Bottom	3	2	23.99	8.02	27.17	90.5	6.52	4.4	5.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:23:28	1.0	Surface	1	1	27.33	8.29	36.59	86.8	5.6	3.3	6.3
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:24:03	1.0	Surface	1	2	27.33	8.29	36.56	86.6	5.58	3.4	5.7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:23:56	3.2	Middle	2	1	27.24	8.29	36.75	86	5.55	3.5	7
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:23:22	3.2	Middle	2	2	27.27	8.29	36.72	85.9	5.54	3.5	6.3
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:23:15	5.3	Bottom	3	1	27.32	8.29	36.68	84.7	5.47	3.9	5.5
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10A	14:23:45	5.3	Bottom	3	2	27.24	8.29	36.81	84	5.43	3.8	6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10B	14:38:13	1.0	Surface	1	1	27.3	8.28	36.55	83.9	5.42	3.2	2.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10B	14:38:33	1.0	Surface	1	2	27.31	8.28	36.54	83.8	5.41	3.3	2.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10B	14:38:23	3.9	Bottom	3	1	27.31	8.28	36.55	83.7	5.41	3.3	3.1
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	SR10B	14:38:04	3.9	Bottom	3	2	27.33	8.28	36.53	83.5	5.39	3.3	2.1
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:11:48	1.0	Surface	1	1	24.19	8.13	30.4	92.3	6.51	3.1	2.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:12:20	1.0	Surface	1	2	24.18	8.09	30.5	91.1	6.42	3.2	3.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:11:35	4.1	Middle	2	1	24.13	8.15	31.44	92.6	6.5	3.4	4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:12:12	4.1	Middle	2	2	24.19	8.09	31.12	91.1	6.39	3.5	5
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:11:22	7.1	Bottom	3	1	24.03	8.19	31.83	94.6	6.63	3.6	3.4
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS2	12:12:00	7.1	Bottom	3	2	24.07	8.1	31.7	91.7	6.43	3.5	3.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:57:22	1.0	Surface	1	1	27.17	8.28	35.75	83.6	5.44	4.4	2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:56:29	1.0	Surface	1	2	27.19	8.28	35.27	83.7	5.44	4.6	2.6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:56:21	6.5	Middle	2	1	27.07	8.27	36.46	82	5.32	4.8	3.8
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:57:15	6.5	Middle	2	2	27.06	8.27	36.5	83.2	5.43	4.6	3.6
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:56:14	11.9	Bottom	3	1	27.12	8.27	36.42	81.8	5.31	4.9	3.2
HKLR	HY/2011/03	2015-10-14	Mid-Ebb	Sunny	CS(Mf)5	13:57:08	11.9	Bottom	3	2	27.06	8.27	36.63	82.2	5.34	4.8	3.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:13	1.0	Surface	1	1	26.5	8.26	34.06	87.4	5.8	7.7	6.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:37	1.0	Surface	1	2	26.5	8.26	34.08	88.5	5.9	7.7	5.4
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:34	4.4	Middle	2	1	26.5	8.26	34.08	85.6	5.68	7.8	6.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:08	4.4	Middle	2	2	26.5	8.26	34.07	85.3	5.66	8.1	6.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:03	7.7	Bottom	3	1	26.51	8.26	34.06	85.5	5.67	8.4	7.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS5	08:54:27	7.7	Bottom	3	2	26.5	8.26	34.08	85.3	5.67	8.3	8.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)6	08:45:21	1.0	Surface	1	1	26.45	8.28	34.15	92.1	6.11	6.8	7.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)6	08:45:09	1.0	Surface	1	2	26.46	8.28	34.13	92.6	6.15	6.7	8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)6	08:45:15	2.3	Bottom	3	1	26.49	8.28	34.12	89.2	5.92	7	7.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)6	08:45:03	2.3	Bottom	3	2	26.5	8.28	34.09	90.7	6.02	6.9	6.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS7	08:37:34	1.0	Surface	1	1	26.46	8.26	34.22	89.6	5.94	7.2	7.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS7	08:37:48	1.0	Surface	1	2	26.45	8.26	34.24	88.5	5.91	7.3	6.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS7	08:37:28	2.4	Bottom	3	1	26.46	8.26	34.2	87.1	5.78	7.5	5.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS7	08:37:42	2.4	Bottom	3	2	26.47	8.26	34.23	87.6	5.82	7.5	6.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS8	08:16:09	1.0	Surface	1	1	26.61	8.27	34.07	85.3	5.65	8.3	5.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS8	08:15:57	1.0	Surface	1	2	26.62	8.27	34.08	84.9	5.62	8.2	5.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS8	08:16:03	3.0	Bottom	3	1	26.63	8.27	34.06	84.4	5.59	8.3	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	2015-10-14	Mid-Flood	Sunny	IS8	08:15:51	3.0	Bottom	3	2	26.62	8.27	34.07	84.3	5.59	8.5	5.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)9	08:30:51	1.0	Surface	1	1	26.56	8.26	34.19	86.1	5.72	5.4	5
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)9	08:31:05	1.0	Surface	1	2	26.56	8.26	34.18	86.8	5.78	5.5	6.3
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)9	08:30:59	2.6	Bottom	3	1	26.57	8.27	34.18	85.9	5.7	5.9	5.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS(Mf)9	08:30:46	2.6	Bottom	3	2	26.56	8.26	34.19	85.8	5.69	6.2	4.3
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:22:54	1.0	Surface	1	1	23.72	7.99	31.59	87	6.14	11.2	8.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:23:27	1.0	Surface	1	2	23.72	8	31.57	87.3	6.16	11.4	8.3
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:22:46	5.4	Middle	2	1	23.75	7.99	31.73	87.4	6.16	13.9	11.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:23:17	5.4	Middle	2	2	23.76	8	31.76	87.4	6.16	14.1	10.1
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:22:40	9.8	Bottom	3	1	23.74	7.99	31.73	87.4	6.17	13.5	9.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	IS10	07:23:08	9.8	Bottom	3	2	23.76	7.99	31.81	87.2	6.15	13.4	11.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR3	09:10:59	0.7	Middle	2	1	26.51	8.26	34.08	85.2	5.66	7.5	8.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR3	09:10:43	0.7	Middle	2	2	26.51	8.26	34.09	85.5	5.67	7.6	6.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR4	08:22:00	1.0	Surface	1	1	26.62	8.27	34.15	85.2	5.63	6.6	7.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR4	08:21:47	1.0	Surface	1	2	26.63	8.27	34.14	85.4	5.66	6.6	6.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR4	08:21:54	2.9	Bottom	3	1	26.63	8.27	34.14	84.8	5.61	6.7	7.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR4	08:21:41	2.9	Bottom	3	2	26.63	8.27	34.13	84.7	5.61	6.7	6.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR5	07:32:42	1.0	Surface	1	1	23.74	8	31.33	86.8	6.13	11.6	7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR5	07:32:24	1.0	Surface	1	2	23.74	8	31.46	86.7	6.12	12.1	7.2
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR5	07:32:34	4.4	Bottom	3	1	23.74	8	31.5	86.9	6.14	11.5	8.3
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR5	07:32:18	4.4	Bottom	3	2	23.74	8	31.4	86.9	6.14	11.9	8.4
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:11:03	1.0	Surface	1	1	27.04	8.24	35.17	80.8	5.29	8	6.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:11:31	1.0	Surface	1	2	27.03	8.24	35.19	81.5	5.33	7.7	5.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:11:22	3.2	Middle	2	1	27.04	8.24	35.26	81.4	5.32	8.1	8.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:10:57	3.2	Middle	2	2	27.04	8.24	35.27	80.8	5.28	8.3	7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:11:15	5.4	Bottom	3	1	27.03	8.24	35.23	81.3	5.31	8.4	7.6
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10A	07:10:50	5.4	Bottom	3	2	27.03	8.24	35.25	80.8	5.28	8.4	6.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10B	07:03:36	1.0	Surface	1	1	27.05	8.23	35.34	81.4	5.32	8.8	5.4
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10B	07:03:09	1.0	Surface	1	2	27.04	8.22	35.3	81.7	5.34	8.6	5.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10B	07:03:26	4.2	Bottom	3	1	27.03	8.22	35.4	81.3	5.31	9.3	8.5
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	SR10B	07:02:59	4.2	Bottom	3	2	27.05	8.22	35.53	81.2	5.3	9.2	8.9
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:51:10	1.0	Surface	1	1	23.84	8.01	26.74	86.5	6.26	8.5	9.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:51:36	1.0	Surface	1	2	23.83	8.01	27.01	86.4	6.25	8.7	10.5
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:51:28	4.0	Middle	2	1	23.91	8.01	26.79	86.2	6.24	8.7	10.3
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:51:02	4.0	Middle	2	2	23.99	8	26.96	86.6	6.25	8.8	9.8
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:50:55	6.9	Bottom	3	1	24.04	7.98	28.93	87.6	6.24	8.9	7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS2	08:51:21	6.9	Bottom	3	2	23.97	8	27.52	87.1	6.27	8.6	7.1
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:47:04	1.0	Surface	1	1	26.81	8.28	34.77	84.9	5.55	4.6	3.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:46:11	1.0	Surface	1	2	26.81	8.28	34.78	84.7	5.53	4.4	3.5
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:45:46	6.6	Middle	2	1	27.02	8.27	35.6	84.5	5.51	4.8	2.7
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:46:31	6.6	Middle	2	2	27	8.27	34.88	84.1	5.49	4.9	2.5
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:45:38	12.1	Bottom	3	1	27	8.27	35.82	83	5.41	5.1	2.4
HKLR	HY/2011/03	2015-10-14	Mid-Flood	Sunny	CS(Mf)5	07:46:21	12.1	Bottom	3	2	26.91	8.27	35.86	83.3	5.46	5.2	3.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:42:17	1.0	Surface	1	1	27.07	8.26	32.37	86.2	5.72	8.3	8.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:41:48	1.0	Surface	1	2	27.09	8.27	32.28	86.5	5.74	8.2	9.7
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:42:07	4.3	Middle	2	1	27.04	8.27	32.45	86	5.71	8.2	9.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:41:39	4.3	Middle	2	2	27.07	8.27	32.34	86	5.71	8.2	9.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:41:30	7.6	Bottom	3	1	27.05	8.28	32.27	86	5.72	8.6	10.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS5	13:41:57	7.6	Bottom	3	2	27.05	8.27	32.38	86.1	5.72	8.1	9.3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)6	13:48:24	1.0	Surface	1	1	26.99	8.25	32.64	85.6	5.68	8.2	9.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)6	13:48:09	1.0	Surface	1	2	26.98	8.25	32.62	85.6	5.68	8.3	8.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)6	13:48:01	2.1	Bottom	3	1	26.98	8.26	32.63	85.8	5.7	8.1	9.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)6	13:48:15	2.1	Bottom	3	2	26.97	8.25	32.64	85.5	5.68	8.4	10.7
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS7	13:54:14	1.0	Surface	1	1	27.5	8.26	32.09	89.3	5.89	8.1	4.7
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS7	13:53:58	1.0	Surface	1	2	27.5	8.26	32.16	89.6	5.91	8.1	4.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS7	13:54:08	2.2	Bottom	3	1	27.41	8.26	32.32	89.1	5.88	7.9	3.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS7	13:53:51	2.2	Bottom	3	2	27.42	8.26	32.29	89.6	5.92	8.3	4.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS8	14:17:35	1.0	Surface	1	1	27.41	8.26	31.65	89.7	5.94	4.5	5.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS8	14:17:50	1.0	Surface	1	2	27.28	8.26	31.6	89.5	5.95	4.6	5.4
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS8	14:17:43	3.0	Bottom	3	1	27.24	8.26	32.18	89.1	5.9	4.7	4.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS8	14:17:27	3.0	Bottom	3	2	27.33	8.26	31.94	89.4	5.92	4.4	5.7
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)9	14:02:03	1.0	Surface	1	1	27.4	8.27	32.17	92.3	6.1	4.1	4.3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)9	14:01:34	1.0	Surface	1	2	27.3	8.28	32.26	94.5	6.25	4.1	5.4
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)9	14:01:25	2.7	Bottom	3	1	27.29	8.27	32.36	94.4	6.25	4.2	3.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS(Mf)9	14:01:55	2.7	Bottom	3	2	27.14	8.27	32.71	91.9	6.08	4.2	4.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:39:32	1.0	Surface	1	1	24.12	8.03	17.22	85.2	6.49	5.1	4.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:40:11	1.0	Surface	1	2	24.07	8.03	17.87	85.9	6.52	5.3	3.5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:39:18	5.4	Middle	2	1	24.03	8.02	19.72	84.7	6.37	5.5	3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:39:54	5.4	Middle	2	2	24.04	8.02	19.97	85	6.38	5.2	2.5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:39:07	9.8	Bottom	3	1	24.03	8.01	19.74	84.8	6.37	5.6	4.7
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	IS10	14:39:48	9.8	Bottom	3	2	24.04	8.01	19.72	85.7	6.44	5.4	5.3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR3	13:31:05	0.8	Middle	2	1	27.22	8.39	31.28	89.9	5.99	7.1	10.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR3	13:30:58	0.8	Middle	2	2	27.26	8.4	31.17	90.8	6.05	7	10.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR4	14:11:13	1.0	Surface	1	1	27.38	8.27	31.59	90.9	6.03	4.3	5.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR4	14:11:33	1.0	Surface	1	2	27.37	8.27	31.51	90.3	5.99	4.4	4.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR4	14:11:25	2.7	Bottom	3	1	27.16	8.26	32.37	89.8	5.96	4.4	6.5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR4	14:11:05	2.7	Bottom	3	2	27.32	8.26	31.99	90.9	6.02	4.3	4.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR5	14:32:46	1.0	Surface	1	1	24.21	8.01	17.6	87.3	6.62	4.5	5.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR5	14:32:17	1.0	Surface	1	2	24.22	8.02	17.68	87.2	6.61	4.5	3.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR5	14:32:03	3.8	Bottom	3	1	24.01	8	20.39	87	6.51	5.1	6.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR5	14:32:27	3.8	Bottom	3	2	23.99	8	19.48	86.4	6.51	4.7	5.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:50	1.0	Surface	1	1	27.58	8.26	33.59	85.4	5.58	3.6	4.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:17	1.0	Surface	1	2	27.59	8.26	33.58	85.9	5.62	3.6	3.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:43	3.3	Middle	2	1	27.49	8.26	34	84.9	5.55	3.8	5.8
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:09	3.3	Middle	2	2	27.48	8.26	34.01	85.4	5.58	3.7	4.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:02	5.5	Bottom	3	1	27.53	8.26	33.92	86	5.62	3.8	5.9
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10A	15:22:36	5.5	Bottom	3	2	27.48	8.26	34.04	85.1	5.56	3.8	5.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10B	15:31:05	1.0	Surface	1	1	27.65	8.26	33.4	87	5.69	3.2	2.5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10B	15:31:23	1.0	Surface	1	2	27.53	8.26	33.75	86.5	5.65	3.1	3.6
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10B	15:30:55	4.4	Bottom	3	1	27.57	8.26	33.76	86.7	5.66	3.2	5.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	SR10B	15:31:17	4.4	Bottom	3	2	27.53	8.26	33.85	87	5.69	3.3	5.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:17:36	1.0	Surface	1	1	24.11	8.07	27.67	86.9	6.23	10.7	7.4
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:17:04	1.0	Surface	1	2	24.1	8.1	26.53	88.9	6.42	10.6	6.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:16:57	3.8	Middle	2	1	23.97	8.09	29.57	89.5	6.36	10.9	9.4
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:17:25	3.8	Middle	2	2	23.97	8.06	29.54	87.6	6.23	11.6	10.3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:17:15	6.6	Bottom	3	1	24	8.06	29.66	87.6	6.23	10.7	9.2
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS2	13:16:46	6.6	Bottom	3	2	23.97	8.1	29.74	91.9	6.53	10.3	11.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:54:27	1.0	Surface	1	1	27.49	8.26	32.29	83.9	5.54	4.2	4
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:53:40	1.0	Surface	1	2	27.39	8.26	32.44	83.8	5.53	4.2	3.5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:53:27	5.8	Middle	2	1	27.13	8.25	33.73	80.6	5.3	4.4	6.3
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:54:13	5.8	Middle	2	2	27.14	8.25	33.7	80.8	5.32	4.2	5.1
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:53:13	10.5	Bottom	3	1	27.1	8.24	34.58	81.6	5.35	4.3	5
HKLR	HY/2011/03	2015-10-16	Mid-Ebb	Sunny	CS(Mf)5	14:54:01	10.5	Bottom	3	2	27.08	8.24	34.86	81.4	5.33	4.4	6.1
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS5	09:48:26	1.0	Surface	1	1	26.78	8.25	33.61	86.3	5.71	9.3	12.7

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	2015-10-16	Mid-Flood	Sunny	IS5	09:48:57	1.0	Surface	1	2	26.79	8.25	33.61	86	5.7	9.2	12
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS5	09:48:48	4.3	Middle	2	1	26.81	8.25	33.7	85.8	5.67	9.2	15.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS5	09:48:17	4.3	Middle	2	2	26.79	8.25	33.64	86.5	5.73	9.2	14.6
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS5	09:48:07	7.5	Bottom	3	1	26.8	8.25	33.67	86.5	5.73	9.2	14.4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS5	09:48:37	7.5	Bottom	3	2	26.8	8.25	33.7	86.2	5.71	9.4	14.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)6	09:40:06	1.0	Surface	1	1	26.89	8.25	33.67	87.1	5.76	8.6	4.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)6	09:40:20	1.0	Surface	1	2	26.88	8.25	33.68	86.9	5.75	8.9	4.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)6	09:40:12	2.1	Bottom	3	1	26.89	8.25	33.7	87.1	5.76	8.7	4.4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)6	09:39:57	2.1	Bottom	3	2	26.89	8.25	33.69	87.3	5.77	8.8	3.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS7	09:33:30	1.0	Surface	1	1	26.67	8.26	33.33	89.3	5.93	4.2	5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS7	09:33:50	1.0	Surface	1	2	26.7	8.26	33.4	89.4	5.93	4.2	5.1
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS7	09:33:22	2.3	Bottom	3	1	26.73	8.25	33.51	90.4	6	4.3	6.1
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS7	09:33:38	2.3	Bottom	3	2	26.79	8.25	33.61	89.9	5.95	4.2	6.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS8	09:08:59	1.0	Surface	1	1	26.84	8.24	32.18	85.3	5.69	7.2	6.1
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS8	09:08:40	1.0	Surface	1	2	26.83	8.24	32.25	85.8	5.72	7.3	6.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS8	09:08:52	3.1	Bottom	3	1	26.81	8.23	33.28	84.7	5.62	7.2	6.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS8	09:08:32	3.1	Bottom	3	2	26.82	8.23	33.46	85.5	5.66	7.4	6.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)9	09:27:30	1.0	Surface	1	1	26.85	8.25	33.27	86.8	5.76	4.7	4.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)9	09:27:17	1.0	Surface	1	2	26.85	8.25	33.29	87	5.77	4.7	5.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)9	09:27:07	2.7	Bottom	3	1	26.83	8.24	33.47	87.4	5.79	5	5.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS(Mf)9	09:27:22	2.7	Bottom	3	2	26.84	8.24	33.46	86.9	5.75	4.9	5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:30	1.0	Surface	1	1	23.86	7.96	24.13	87	6.4	10.3	9.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:59	1.0	Surface	1	2	23.85	7.96	23.84	87.2	6.42	10.1	9.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:46	5.4	Middle	2	1	23.88	7.96	24.25	87	6.39	11	9.2
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:19	5.4	Middle	2	2	23.89	7.95	24.8	87.2	6.39	11.3	10
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:10	9.7	Bottom	3	1	23.88	7.95	24.68	87.5	6.41	11.6	10.7
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	IS10	08:48:40	9.7	Bottom	3	2	23.88	7.95	24.26	87.3	6.41	10.8	9.6
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR3	09:55:50	0.7	Middle	2	1	26.78	8.25	33.6	86.9	5.76	10.1	13.1
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR3	09:55:42	0.7	Middle	2	2	26.79	8.25	33.61	86.8	5.75	10.5	12.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR4	09:16:22	1.0	Surface	1	1	26.85	8.24	32.35	86	5.73	7.9	5.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR4	09:16:02	1.0	Surface	1	2	26.86	8.24	32.23	85.5	5.7	8.2	4.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR4	09:16:09	2.7	Bottom	3	1	26.83	8.24	32.79	85.9	5.71	8.1	7.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR4	09:15:53	2.7	Bottom	3	2	26.83	8.23	33.55	85.9	5.69	8.1	8.7
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR5	08:57:40	1.0	Surface	1	1	23.85	7.95	23.14	87.1	6.44	9	9.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR5	08:57:58	1.0	Surface	1	2	23.85	7.96	22.83	87.1	6.45	8.7	9.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR5	08:57:49	4.1	Bottom	3	1	23.85	7.95	23.02	87.1	6.45	9.6	9.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR5	08:57:30	4.1	Bottom	3	2	23.86	7.95	23.42	87.1	6.43	10.3	9.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:07:22	1.0	Surface	1	1	26.94	8.24	33.8	83.1	5.49	5.6	6.2
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:07:01	1.0	Surface	1	2	26.93	8.24	33.77	83	5.48	5.8	6
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:07:16	3.3	Middle	2	1	26.94	8.24	33.9	83.3	5.49	5.6	6.2
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:06:55	3.3	Middle	2	2	26.96	8.24	34	82.8	5.46	5.7	5.3
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:07:08	5.6	Bottom	3	1	26.93	8.24	33.93	83.2	5.48	5.6	8.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10A	08:06:48	5.6	Bottom	3	2	26.93	8.24	34.06	82.8	5.46	5.6	7.4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10B	07:56:29	1.0	Surface	1	1	26.99	8.24	33.84	82.5	5.44	5.8	7
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10B	07:56:17	1.0	Surface	1	2	26.99	8.24	33.95	82.5	5.43	6.1	6.4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10B	07:56:23	3.8	Bottom	3	1	26.98	8.24	34.96	82.6	5.41	5.9	8.2
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	SR10B	07:56:11	3.8	Bottom	3	2	26.99	8.23	35	82.9	5.43	6.3	6
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS2	10:15:35	1.0	Surface	1	1	23.93	7.96	20	85.8	6.45	9.1	5.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS2	10:16:10	1.0	Surface	1	2	23.94	7.97	20.34	85.4	6.4	10.9	5.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS2	10:15:21	4.0	Middle	2	1	23.97	7.95	20.59	86.1	6.44	10.1	5.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS2	10:16:01	4.0	Middle	2	2	23.97	7.96	20.53	85.5	6.4	10.6	4.5
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS2	10:15:13	7.0	Bottom	3	1	23.97	7.94	20.56	86.3	6.46	11	5.6

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	2015-10-16	Mid-Flood	Sunny	CS2	10:15:46	7.0	Bottom	3	2	23.96	7.96	20.48	85.6	6.42	11.3	5.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:37:20	1.0	Surface	1	1	26.97	8.26	33.43	81.7	5.4	6.5	4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:37:51	1.0	Surface	1	2	27.03	8.26	33.49	80.9	5.34	6.5	4.6
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:37:42	6.3	Middle	2	1	27.1	8.24	35.15	80.5	5.26	6.8	3.9
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:37:06	6.3	Middle	2	2	27.1	8.24	35.11	80.4	5.25	6.6	4.4
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:36:57	11.6	Bottom	3	1	27.09	8.24	35.27	81	5.29	6.8	3.8
HKLR	HY/2011/03	2015-10-16	Mid-Flood	Sunny	CS(Mf)5	08:37:34	11.6	Bottom	3	2	27.09	8.24	35.32	81.4	5.31	6.8	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:57:53	1.0	Surface	1	1	26.97	8.32	31.82	92.7	6.18	4.7	4.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:57:19	1.0	Surface	1	2	26.97	8.33	31.63	93.8	6.26	4.6	4.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:57:45	4.2	Middle	2	1	26.94	8.32	31.95	91.1	6.08	4.7	4.5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:57:06	4.2	Middle	2	2	26.95	8.33	31.73	92.8	6.19	4.8	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:57:36	7.4	Bottom	3	1	26.9	8.32	31.96	91.4	6.1	4.7	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS5	15:56:56	7.4	Bottom	3	2	26.95	8.33	31.67	93.7	6.26	4.9	4.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)6	16:03:55	1.0	Surface	1	1	26.92	8.32	31.73	95.8	6.4	5.6	6.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)6	16:04:08	1.0	Surface	1	2	26.91	8.31	31.87	95.4	6.37	5.4	5.7
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)6	16:04:03	2.2	Bottom	3	1	26.91	8.31	31.9	96.3	6.42	5.3	5.5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)6	16:03:46	2.2	Bottom	3	2	26.91	8.32	31.85	96.4	6.43	5.4	5.4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS7	16:09:50	1.0	Surface	1	1	27.11	8.34	31.58	103.9	6.92	8.8	4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS7	16:09:38	1.0	Surface	1	2	27.11	8.34	31.57	104	6.93	8.9	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS7	16:09:32	2.1	Bottom	3	1	27.11	8.34	31.56	103.8	6.92	8.8	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS7	16:09:42	2.1	Bottom	3	2	27.11	8.34	31.59	103.8	6.92	8.8	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS8	16:33:52	1.0	Surface	1	1	27.04	8.3	31.73	95.6	6.37	4.7	4.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS8	16:33:39	1.0	Surface	1	2	27.04	8.3	31.72	95.8	6.38	4.6	5.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS8	16:33:46	3.1	Bottom	3	1	27.04	8.3	31.75	96	6.4	4.6	4.7
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS8	16:33:33	3.1	Bottom	3	2	27.04	8.3	31.73	95.5	6.37	4.6	3.7
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)9	16:16:18	1.0	Surface	1	1	27.03	8.29	31.71	95.1	6.34	5.4	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)9	16:16:31	1.0	Surface	1	2	27.04	8.29	31.68	94.4	6.29	5.5	5.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)9	16:16:12	2.7	Bottom	3	1	27.03	8.29	31.84	95.9	6.39	5.3	6.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS(Mf)9	16:16:23	2.7	Bottom	3	2	27.04	8.29	31.72	94.6	6.3	5.5	5.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:53:51	1.0	Surface	1	1	23.97	7.99	19.15	89.7	6.77	2.4	2.9
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:54:25	1.0	Surface	1	2	24	7.99	19.17	87.7	6.61	2.7	3.9
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:53:38	5.3	Middle	2	1	24.09	7.95	23.76	87.2	6.4	3.4	3.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:54:14	5.3	Middle	2	2	24.09	7.95	23.56	86.7	6.37	3.5	2.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:54:03	9.6	Bottom	3	1	24.08	7.94	23.87	89.9	6.59	3.2	2.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	IS10	16:53:27	9.6	Bottom	3	2	24.1	7.93	24.48	89.1	6.51	3.5	2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR3	15:46:18	0.8	Middle	2	1	26.97	8.41	30.36	99.2	6.67	4.2	5.5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR3	15:46:11	0.8	Middle	2	2	26.97	8.42	30.22	99.8	6.71	4.2	5.9
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR4	16:27:41	1.0	Surface	1	1	27.05	8.3	31.67	95.8	6.39	4.4	5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR4	16:27:29	1.0	Surface	1	2	27.05	8.3	31.68	96.5	6.43	4.5	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR4	16:27:34	2.7	Bottom	3	1	27.05	8.3	31.7	96.1	6.41	4.5	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR4	16:27:23	2.7	Bottom	3	2	27.05	8.3	31.69	97	6.47	4.5	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR5	16:45:30	1.0	Surface	1	1	23.99	7.98	18.73	93.8	7.09	2	3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR5	16:45:13	1.0	Surface	1	2	23.96	7.98	18.77	93.6	7.08	2	3.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR5	16:45:00	3.9	Bottom	3	1	24.07	7.95	22.19	92.4	6.84	3	2.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR5	16:45:22	3.9	Bottom	3	2	24.03	7.96	21.32	94.3	7.03	2.8	3.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:31:54	1.0	Surface	1	1	27.13	8.28	34.97	83.2	5.44	2.6	2.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:32:18	1.0	Surface	1	2	27.12	8.29	34.55	83	5.44	2.5	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:32:08	3.3	Middle	2	1	27.14	8.28	35.58	82.5	5.37	2.7	4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:31:47	3.3	Middle	2	2	27.14	8.28	35.2	82.7	5.4	2.7	6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:32:01	5.5	Bottom	3	1	27.13	8.28	35.28	83.1	5.42	2.7	5.4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10A	17:31:41	5.5	Bottom	3	2	27.13	8.28	35.25	82.7	5.4	2.7	4.9
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10B	17:41:28	1.0	Surface	1	1	27.12	8.28	34.28	83.3	5.47	2.7	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	2015-10-19	Mid-Ebb	Fine	SR10B	17:41:15	1.0	Surface	1	2	27.1	8.28	34.44	83.2	5.46	2.7	3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10B	17:41:21	4.0	Bottom	3	1	27.1	8.28	35.59	84.1	5.48	2.6	3.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	SR10B	17:41:06	4.0	Bottom	3	2	27.12	8.28	35.62	82.9	5.4	2.8	2.5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:29:41	1.0	Surface	1	1	23.89	7.99	26.3	92.7	6.72	1.1	3.7
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:29:12	1.0	Surface	1	2	23.83	7.98	26.41	92.9	6.75	1	3.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:29:33	3.6	Middle	2	1	23.97	7.98	26.84	92.3	6.67	1.6	3.4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:28:57	3.6	Middle	2	2	24.07	7.94	29.61	89.6	6.36	1.7	3.2
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:29:22	6.2	Bottom	3	1	23.97	7.95	30.42	93.3	6.61	1.6	3.3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS2	15:28:52	6.2	Bottom	3	2	24.09	7.92	30.94	90.3	6.36	1.7	4.1
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:09:04	1.0	Surface	1	1	27.02	8.29	32.42	84.6	5.62	3.2	2.6
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:08:22	1.0	Surface	1	2	27.16	8.27	33.64	80.9	5.33	3.1	3.8
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:08:49	6.4	Middle	2	1	27.13	8.26	35.55	79.8	5.2	3.3	2.5
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:08:13	6.4	Middle	2	2	27.13	8.26	35.49	81.1	5.28	3.2	3
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:08:37	11.7	Bottom	3	1	27.14	8.25	35.67	80.8	5.26	3.4	2.4
HKLR	HY/2011/03	2015-10-19	Mid-Ebb	Fine	CS(Mf)5	17:08:05	11.7	Bottom	3	2	27.15	8.25	35.49	82.6	5.38	3.5	3.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:26:33	1.0	Surface	1	1	26.94	8.29	32.53	93	6.19	4.6	5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:27:00	1.0	Surface	1	2	26.91	8.29	32.6	92.6	6.16	4.4	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:26:24	4.4	Middle	2	1	26.87	8.28	32.85	91.7	6.09	4.8	3.8
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:26:51	4.4	Middle	2	2	26.87	8.28	32.78	91.2	6.06	4.5	5.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:26:19	7.8	Bottom	3	1	26.89	8.28	32.89	93.2	6.19	4.8	3.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS5	12:26:42	7.8	Bottom	3	2	26.89	8.28	32.9	93.1	6.18	4.6	3.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)6	12:18:42	1.0	Surface	1	1	27.03	8.3	32.45	97.6	6.48	3.5	3.8
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)6	12:18:54	1.0	Surface	1	2	27.01	8.3	32.47	97.5	6.48	3.6	4.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)6	12:18:33	2.1	Bottom	3	1	27	8.3	32.45	97.5	6.48	3.5	4.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)6	12:18:47	2.1	Bottom	3	2	27.02	8.3	32.45	97.3	6.46	3.6	4.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS7	12:11:46	1.0	Surface	1	1	27.04	8.29	32.38	98.6	6.55	4.5	6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS7	12:12:00	1.0	Surface	1	2	27.03	8.29	32.36	98.8	6.57	4.6	4.8
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS7	12:11:39	2.2	Bottom	3	1	26.98	8.29	32.58	99.2	6.59	4.6	6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS7	12:11:50	2.2	Bottom	3	2	27	8.29	32.54	98.5	6.54	4.6	6.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS8	11:48:27	1.0	Surface	1	1	26.91	8.26	32.03	88.6	5.91	8.6	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS8	11:47:58	1.0	Surface	1	2	26.92	8.26	31.96	90.5	6.04	8.7	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS8	11:48:19	3.0	Bottom	3	1	26.91	8.25	32.59	88.7	5.9	8.6	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS8	11:47:51	3.0	Bottom	3	2	26.91	8.26	32.1	90.3	6.02	8.7	4.1
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)9	12:06:08	1.0	Surface	1	1	26.98	8.26	32.6	89.5	5.94	4.6	4.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)9	12:06:31	1.0	Surface	1	2	26.98	8.26	32.63	89.1	5.92	4.8	5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)9	12:06:00	2.7	Bottom	3	1	26.97	8.26	32.66	89.5	5.94	4.6	4.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS(Mf)9	12:06:23	2.7	Bottom	3	2	26.94	8.26	32.74	89.2	5.92	4.7	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:41:49	1.0	Surface	1	1	24	7.92	29.14	89.4	6.37	3.9	3.2
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:41:17	1.0	Surface	1	2	24.02	7.92	29.13	89.4	6.37	4.4	2.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:41:05	5.3	Middle	2	1	23.98	7.91	29.84	89.2	6.33	6.4	2.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:41:34	5.3	Middle	2	2	23.97	7.91	29.72	89	6.32	5.9	2.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:41:26	9.6	Bottom	3	1	23.99	7.91	29.67	89.9	6.39	6.7	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	IS10	11:40:59	9.6	Bottom	3	2	23.99	7.91	29.87	90	6.39	6.1	3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR3	12:35:54	0.8	Middle	2	1	26.96	8.29	32.53	95.6	6.35	4.3	4.3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR3	12:35:47	0.8	Middle	2	2	26.95	8.29	32.53	95.4	6.34	4.3	4.1
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR4	11:56:39	1.0	Surface	1	1	26.91	8.26	32.05	89.1	5.94	5.3	4.2
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR4	11:57:01	1.0	Surface	1	2	26.9	8.26	32.13	89.1	5.94	5.2	3.3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR4	11:56:56	2.9	Bottom	3	1	26.9	8.26	32.18	89.1	5.94	5.2	3.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR4	11:56:34	2.9	Bottom	3	2	26.9	8.26	32.08	89.1	5.94	5.3	3.8
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR5	11:50:51	1.0	Surface	1	1	24.01	7.92	29.08	90.3	6.43	2.5	2.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR5	11:51:07	1.0	Surface	1	2	23.99	7.92	29.14	90.6	6.45	2.8	2.3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR5	11:50:41	4.0	Bottom	3	1	23.96	7.91	29.49	90.2	6.42	3.3	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	2015-10-19	Mid-Flood	Sunny	SR5	11:51:00	4.0	Bottom	3	2	23.98	7.92	29.32	90.6	6.45	3.2	2.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:48:14	1.0	Surface	1	1	27.06	8.24	34.66	82.8	5.43	2.5	3.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:48:38	1.0	Surface	1	2	27.06	8.24	34.74	82.6	5.41	2.6	2.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:48:31	3.2	Middle	2	1	27.07	8.24	35.26	82.3	5.38	2.7	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:48:02	3.2	Middle	2	2	27.06	8.23	35.37	82.8	5.41	2.6	3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:47:56	5.4	Bottom	3	1	27.05	8.23	35.42	82.7	5.4	2.6	3.1
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10A	10:48:23	5.4	Bottom	3	2	27.06	8.23	35.3	82.6	5.4	2.7	3.5
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10B	10:36:15	1.0	Surface	1	1	27.06	8.25	35.45	83.4	5.45	2.8	2.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10B	10:36:44	1.0	Surface	1	2	27.06	8.25	35.01	82.9	5.42	2.9	2.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10B	10:36:09	4.2	Bottom	3	1	27.05	8.24	35.72	83.7	5.45	2.7	3.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	SR10B	10:36:34	4.2	Bottom	3	2	27.06	8.24	35.79	83.2	5.42	2.8	3
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:08:30	1.0	Surface	1	1	24	7.93	27.3	90	6.48	3.7	3.7
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:09:04	1.0	Surface	1	2	24.01	7.93	26.35	90	6.52	3.4	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:08:23	3.9	Middle	2	1	24.01	7.92	27.61	89.6	6.44	5	4.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:08:54	3.9	Middle	2	2	24.01	7.92	27	89.3	6.44	4.8	4.4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:08:15	6.7	Bottom	3	1	24.02	7.92	27.87	90.2	6.47	5.3	4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS2	13:08:43	6.7	Bottom	3	2	24.01	7.92	27.06	90.5	6.52	5.2	4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:18:56	1.0	Surface	1	1	27.02	8.26	33.76	83.4	5.5	3.8	3.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:19:34	1.0	Surface	1	2	27.03	8.26	33.65	83.6	5.51	3.7	3.9
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:18:44	6.3	Middle	2	1	27.1	8.24	35.32	81.2	5.3	3.7	4
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:19:24	6.3	Middle	2	2	27.1	8.24	35.27	81.2	5.3	3.7	3.6
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:19:11	11.6	Bottom	3	1	27.11	8.24	35.55	82.6	5.38	3.9	3.2
HKLR	HY/2011/03	2015-10-19	Mid-Flood	Sunny	CS(Mf)5	11:18:29	11.6	Bottom	3	2	27.11	8.24	35.58	82.9	5.4	3.8	3.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:15:08	1.0	Surface	1	1	26.65	8.21	33.36	83.6	5.56	4.1	3.6
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:15:28	1.0	Surface	1	2	26.65	8.22	33.49	83.2	5.53	4.1	2.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:15:21	4.3	Middle	2	1	26.67	8.21	34.16	83.3	5.51	4.2	2.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:15:01	4.3	Middle	2	2	26.67	8.2	34	83.1	5.5	4	3.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:14:54	7.5	Bottom	3	1	26.65	8.2	34.41	84.3	5.57	4	3.3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS5	07:15:16	7.5	Bottom	3	2	26.66	8.21	34.4	84.1	5.56	4.3	2.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)6	07:05:52	1.0	Surface	1	1	26.62	8.21	32.8	87.2	5.82	5.5	2.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)6	07:05:36	1.0	Surface	1	2	26.6	8.2	32.66	88.9	5.94	5.5	3.2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)6	07:05:44	2.1	Bottom	3	1	26.68	8.2	33.21	88.2	5.87	5.6	3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)6	07:05:28	2.1	Bottom	3	2	26.63	8.19	33.07	89.3	5.95	5.4	3.1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS7	06:57:26	1.0	Surface	1	1	26.61	8.2	32.5	91.7	6.13	4.7	3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS7	06:57:41	1.0	Surface	1	2	26.59	8.22	32.46	91.8	6.14	4.8	3.1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS7	06:57:30	2.2	Bottom	3	1	26.6	8.2	32.59	91.6	6.12	4.7	4.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS7	06:57:20	2.2	Bottom	3	2	26.6	8.19	32.63	92.5	6.18	4.8	5.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS8	06:36:50	1.0	Surface	1	1	26.58	8.22	32.77	89.1	5.95	3.4	1.6
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS8	06:37:01	1.0	Surface	1	2	26.65	8.22	32.88	89.2	5.94	3.3	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS8	06:36:43	2.8	Bottom	3	1	26.59	8.21	32.93	89.6	5.98	3.4	1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS8	06:36:56	2.8	Bottom	3	2	26.6	8.22	32.93	89.7	5.98	3.4	0.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)9	06:50:56	1.0	Surface	1	1	26.67	8.2	32.47	87	5.81	2.7	2.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)9	06:51:15	1.0	Surface	1	2	26.67	8.21	32.47	86.1	5.75	2.7	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)9	06:50:48	2.7	Bottom	3	1	26.78	8.18	33.91	87.3	5.78	2.7	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS(Mf)9	06:51:07	2.7	Bottom	3	2	26.79	8.19	33.9	87.1	5.76	2.8	2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:08:24	1.0	Surface	1	1	23.56	7.93	24.61	93.3	6.87	0.9	0.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:07:48	1.0	Surface	1	2	23.53	7.93	24.88	93	6.85	1	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:07:33	5.2	Middle	2	1	23.61	7.92	26.6	90.8	6.61	2.3	1.1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:08:07	5.2	Middle	2	2	23.6	7.92	26.2	91.9	6.71	2.3	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:07:58	9.3	Bottom	3	1	23.61	7.91	26.85	93.4	6.79	2.2	2.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	IS10	06:07:27	9.3	Bottom	3	2	23.63	7.91	27.05	92.5	6.71	2.4	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR3	07:23:15	0.8	Middle	2	1	26.67	8.23	33	86.5	5.76	2.9	2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR3	07:23:06	0.8	Middle	2	2	26.66	8.23	33.03	86.5	5.76	2.9	3.3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR4	06:43:04	1.0	Surface	1	1	26.6	8.24	32.82	88.2	5.89	3.2	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR4	06:43:17	1.0	Surface	1	2	26.58	8.24	32.81	88.3	5.89	3.1	1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR4	06:43:09	2.7	Bottom	3	1	26.61	8.24	32.97	88.7	5.91	3.2	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR4	06:42:56	2.7	Bottom	3	2	26.65	8.23	33	88.8	5.92	3.2	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR5	06:17:08	1.0	Surface	1	1	23.59	7.93	24.59	93.9	6.92	1.6	2.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR5	06:17:32	1.0	Surface	1	2	23.6	7.93	24.29	93.9	6.93	1.5	1.2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR5	06:16:53	4.1	Bottom	3	1	23.6	7.92	25.22	93.8	6.88	2.2	1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR5	06:17:19	4.1	Bottom	3	2	23.59	7.92	25	94	6.91	2.3	0.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:41	1.0	Surface	1	1	26.68	8.25	32.33	88.3	5.9	1.5	0.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:24	1.0	Surface	1	2	26.71	8.25	32.28	88.2	5.9	1.5	0.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:19	3.3	Middle	2	1	26.8	8.24	33.45	88.6	5.87	1.5	2.3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:35	3.3	Middle	2	2	26.78	8.24	33.58	88.6	5.87	1.5	2.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:31	5.5	Bottom	3	1	26.65	8.24	33.78	88.6	5.88	1.7	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10A	05:26:14	5.5	Bottom	3	2	26.66	8.24	33.75	89.1	5.91	1.6	2.3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10B	05:16:45	1.0	Surface	1	1	26.73	8.24	33.12	88.4	5.88	1.5	1.2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10B	05:17:03	1.0	Surface	1	2	26.92	8.24	33.16	87.7	5.81	1.5	2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10B	05:16:33	4.3	Bottom	3	1	26.84	8.23	34.58	88.6	5.83	1.5	1.6
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	SR10B	05:16:57	4.3	Bottom	3	2	26.93	8.23	34.19	88.3	5.82	1.4	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:37:03	1.0	Surface	1	1	23.79	7.93	21.94	93.8	6.99	1	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:36:24	1.0	Surface	1	2	23.79	7.93	22.05	93.8	6.99	0.9	2.1
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:36:10	3.9	Middle	2	1	23.82	7.93	22.22	93.3	6.94	1.5	2.3
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:36:47	3.9	Middle	2	2	23.83	7.93	22.17	93.3	6.94	1.4	1.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:35:56	6.7	Bottom	3	1	23.84	7.93	22.46	93.4	6.93	2.3	2.8
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS2	07:36:38	6.7	Bottom	3	2	23.83	7.93	22.24	93.8	6.97	2.2	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:58	1.0	Surface	1	1	26.73	8.21	32.57	88.3	5.89	3.4	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:18	1.0	Surface	1	2	26.74	8.19	32.58	86.1	5.74	3.1	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:07	6.4	Middle	2	1	26.88	8.17	33	83.1	5.51	3.6	2.6
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:39	6.4	Middle	2	2	26.86	8.19	32.96	83.9	5.57	3.5	2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:32	11.8	Bottom	3	1	26.83	8.18	34.45	85.2	5.61	3.5	2
HKLR	HY/2011/03	2015-10-21	Mid-Ebb	Cloudy	CS(Mf)5	06:01:00	11.8	Bottom	3	2	26.86	8.16	34.27	84.7	5.58	3.5	2
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:20:01	1.0	Surface	1	1	27.44	8.21	31.98	98.5	6.51	2.7	3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:20:38	1.0	Surface	1	2	27.45	8.23	32.15	99	6.54	2.6	3.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:20:24	4.2	Middle	2	1	27.06	8.22	32.43	96.5	6.41	2.6	2.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:19:50	4.2	Middle	2	2	27.04	8.2	32.3	96.6	6.42	2.6	3.2
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:20:15	7.4	Bottom	3	1	26.99	8.21	32.61	97.4	6.47	2.7	2.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS5	13:19:41	7.4	Bottom	3	2	27.21	8.2	32.32	97.7	6.47	2.6	3.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)6	13:28:02	1.0	Surface	1	1	27.28	8.26	32.29	99.5	6.59	2.6	2.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)6	13:27:47	1.0	Surface	1	2	27.39	8.25	32.27	99.7	6.59	2.5	3.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)6	13:27:54	2.2	Bottom	3	1	27.24	8.25	32.42	99.2	6.57	2.6	3.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)6	13:27:40	2.2	Bottom	3	2	27.29	8.25	32.39	99.3	6.56	2.6	3.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS7	13:36:01	1.0	Surface	1	1	27.29	8.26	32.32	99.2	6.56	2.4	2.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS7	13:36:14	1.0	Surface	1	2	27.29	8.26	32.37	99.1	6.56	2.4	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS7	13:36:06	2.3	Bottom	3	1	27.18	8.26	32.5	99	6.56	2.4	2.2
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS7	13:35:53	2.3	Bottom	3	2	27.14	8.26	32.53	98.8	6.55	2.3	3.1
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS8	13:59:27	1.0	Surface	1	1	27.04	8.26	32.33	94.1	6.25	4.8	3.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS8	13:59:47	1.0	Surface	1	2	27.08	8.26	32.28	94.5	6.27	4.8	3.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS8	13:59:21	2.9	Bottom	3	1	27.06	8.26	32.4	94.1	6.25	4.6	5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS8	13:59:37	2.9	Bottom	3	2	27	8.26	32.69	94.6	6.28	4.8	3.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)9	13:43:25	1.0	Surface	1	1	27.16	8.27	32.41	98.7	6.54	2.4	3.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)9	13:43:10	1.0	Surface	1	2	27.17	8.27	32.44	98.4	6.52	2.4	3.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS(Mf)9	13:43:18	2.6	Bottom	3	1	27.13	8.27	32.51	98.4	6.52	2.4	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	2015-10-21	Mid-Flood	Cloudy	IS(Mf)9	13:43:03	2.6	Bottom	3	2	27.16	8.27	32.51	98.1	6.5	2.5	2.2
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:30:14	1.0	Surface	1	1	24.04	8.04	21.71	96.2	7.14	2.2	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:30:53	1.0	Surface	1	2	24.04	8.05	21.41	98.1	7.3	2.1	1.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:30:38	5.4	Middle	2	1	24.06	8.02	22.65	95.1	7.03	4.3	2.7
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:29:59	5.4	Middle	2	2	23.99	8.02	23.07	92.1	6.8	4.5	2.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:29:45	9.7	Bottom	3	1	23.94	8.01	23.62	94	6.92	6.7	1.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	IS10	14:30:27	9.7	Bottom	3	2	23.99	8.02	23.17	96.5	7.12	6.6	1.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR3	13:11:19	0.7	Middle	2	1	27.51	8.13	30.95	100.8	6.69	2.4	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR3	13:11:25	0.7	Middle	2	2	27.51	8.14	31.05	100.4	6.67	2.5	1.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR4	13:53:19	1.0	Surface	1	1	27.02	8.24	32.33	93.8	6.24	5.5	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR4	13:53:32	1.0	Surface	1	2	27.05	8.25	32.26	94.8	6.3	5.4	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR4	13:53:23	2.7	Bottom	3	1	27.03	8.24	32.4	94.3	6.26	5.5	1.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR4	13:53:13	2.7	Bottom	3	2	27.01	8.23	32.52	93.9	6.23	5.4	2.6
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR5	14:21:52	1.0	Surface	1	1	24.06	8.03	22.3	95	7.03	2.1	1.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR5	14:21:30	1.0	Surface	1	2	24.07	8.04	22.37	94.5	6.99	2	2.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR5	14:21:42	4.0	Bottom	3	1	23.99	8.02	23.57	95.8	7.05	3.2	1
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR5	14:21:17	4.0	Bottom	3	2	23.94	8.01	24.08	91.4	6.71	3.3	1.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:11:47	1.0	Surface	1	1	27.09	8.23	34.9	86.1	5.64	2.2	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:12:06	1.0	Surface	1	2	27.09	8.24	34.76	87	5.7	2.2	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:11:58	3.3	Middle	2	1	27.08	8.23	35.34	86.4	5.64	2.2	0.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:11:39	3.3	Middle	2	2	27.08	8.22	35.58	84.7	5.52	2.2	0.7
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:11:54	5.5	Bottom	3	1	27.08	8.23	35.2	87.1	5.69	2.2	1.6
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10A	15:11:35	5.5	Bottom	3	2	27.08	8.22	35.91	85.9	5.59	2.1	1.3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10B	15:21:30	1.0	Surface	1	1	27.08	8.26	34.84	87.3	5.72	1.7	2.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10B	15:21:17	1.0	Surface	1	2	27.08	8.25	34.96	87.1	5.7	1.7	1.5
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10B	15:21:22	4.1	Bottom	3	1	27.08	8.25	35.09	87.5	5.72	1.7	2.1
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	SR10B	15:21:09	4.1	Bottom	3	2	27.08	8.25	35.17	87.4	5.71	1.8	1.2
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:04:43	1.0	Surface	1	1	23.91	8.09	29.36	93.5	6.66	1.8	1.9
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:04:13	1.0	Surface	1	2	23.91	8.11	29.46	92.3	6.58	2	1.6
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:04:02	3.9	Middle	2	1	23.92	8.1	30.97	91.1	6.43	3.7	2.6
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:04:30	3.9	Middle	2	2	23.9	8.07	31.05	91.9	6.49	3.6	1.8
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:03:42	6.7	Bottom	3	1	23.88	8.14	31.32	93.5	6.59	3.8	1.1
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS2	13:04:23	6.7	Bottom	3	2	23.88	8.08	31.4	94.4	6.65	3.5	1.7
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:37:43	1.0	Surface	1	1	27.11	8.25	33.35	85.1	5.61	2.4	1.6
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:38:16	1.0	Surface	1	2	27.11	8.25	33.37	85.3	5.63	2.2	3
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:37:33	6.4	Middle	2	1	27.09	8.22	35.87	83.4	5.42	2.2	1.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:38:08	6.4	Middle	2	2	27.08	8.23	35.51	82.5	5.38	2.3	2.1
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:37:59	11.7	Bottom	3	1	27.1	8.23	36.08	84.5	5.49	2.3	1.4
HKLR	HY/2011/03	2015-10-21	Mid-Flood	Cloudy	CS(Mf)5	14:37:28	11.7	Bottom	3	2	27.09	8.22	35.99	85.4	5.55	2.2	1.1
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:08:52	1.0	Surface	1	1	26.96	8.31	32.58	89	5.91	6.6	3.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:09:16	1.0	Surface	1	2	26.95	8.31	32.37	89.4	5.88	6.4	2.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:09:11	4.3	Middle	2	1	26.94	8.3	33.13	88.6	5.83	6.6	4.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:08:44	4.3	Middle	2	2	26.94	8.3	33.34	88.8	5.85	6.6	3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:08:39	7.6	Bottom	3	1	26.94	8.3	34.31	88.2	5.83	6.7	6.1
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS5	10:09:03	7.6	Bottom	3	2	26.95	8.29	34.46	87.4	5.79	6.6	5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)6	09:58:22	1.0	Surface	1	1	26.96	8.31	32.29	96.2	6.4	5.5	1.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)6	09:58:11	1.0	Surface	1	2	26.94	8.32	32.37	96.3	6.41	5.4	0.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)6	09:58:16	2.4	Bottom	3	1	26.96	8.31	33.3	96.3	6.37	5.3	3.6
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)6	09:58:04	2.4	Bottom	3	2	26.95	8.31	33	96.7	6.41	5.3	2.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS7	09:52:30	1.0	Surface	1	1	26.85	8.34	31.86	102.6	6.86	3.2	1.7
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS7	09:52:16	1.0	Surface	1	2	26.94	8.33	31.56	100.3	6.71	3.1	1.9
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS7	09:52:09	2.3	Bottom	3	1	27	8.32	33.46	101.3	6.69	3.1	1.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS7	09:52:20	2.3	Bottom	3	2	26.96	8.33	33.54	102.1	6.75	3.2	1.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS8	09:28:25	1.0	Surface	1	1	27.14	8.33	31.42	100.6	6.71	4.5	4.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS8	09:28:38	1.0	Surface	1	2	27.09	8.33	31.77	101.8	6.78	4.4	2.9
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS8	09:28:19	2.8	Bottom	3	1	27.17	8.32	33.28	101	6.66	4.4	2.7
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS8	09:28:32	2.8	Bottom	3	2	27.08	8.32	33.22	101	6.67	4.4	2.6
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)9	09:44:07	1.0	Surface	1	1	26.94	8.36	31.56	109.4	7.31	1.6	4.9
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)9	09:44:24	1.0	Surface	1	2	26.94	8.36	31.55	109.3	7.3	1.6	3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)9	09:44:16	2.7	Bottom	3	1	26.95	8.35	32.62	107.5	7.14	1.8	1.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS(Mf)9	09:43:58	2.7	Bottom	3	2	26.95	8.35	32.55	108.7	7.23	1.6	1.7
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:56:42	1.0	Surface	1	1	23.88	8.05	25.84	103.8	7.55	1.3	5.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:57:27	1.0	Surface	1	2	23.83	8.06	25.65	105.3	7.68	1.2	3.9
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:56:23	5.4	Middle	2	1	24.07	8.03	27.37	102.9	7.4	1.3	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:57:08	5.4	Middle	2	2	24.07	8.03	27.42	103.6	7.45	1.3	2.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:56:15	9.7	Bottom	3	1	24.08	8.03	27.89	103.9	7.45	1.6	6.5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	IS10	08:56:56	9.7	Bottom	3	2	24.07	8.03	27.72	104.8	7.52	1.8	4.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR3	10:16:55	0.7	Middle	2	1	26.99	8.31	32.38	92.4	6.14	3.5	4.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR3	10:17:01	0.7	Middle	2	2	26.99	8.31	32.38	92.8	6.17	3.7	3.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR4	09:36:43	1.0	Surface	1	1	27.09	8.33	31.84	101.8	6.77	2.8	2.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR4	09:37:06	1.0	Surface	1	2	27.1	8.33	31.81	100.9	6.71	2.6	2.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR4	09:36:36	2.6	Bottom	3	1	27.14	8.32	33.21	101.6	6.71	2.8	1.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR4	09:36:55	2.6	Bottom	3	2	27.27	8.32	33.21	101.2	6.66	2.7	1.5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR5	09:06:36	1.0	Surface	1	1	23.97	8.04	26.27	105.6	7.65	1.5	3.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR5	09:06:13	1.0	Surface	1	2	23.84	8.06	25.75	106.3	7.75	1.5	2.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR5	09:06:26	4.1	Bottom	3	1	24.01	8.04	26.49	106	7.67	1.7	5.1
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR5	09:05:56	4.1	Bottom	3	2	24.03	8.03	26.53	105.5	7.62	1.5	5.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:55	1.0	Surface	1	1	27.01	8.28	32.16	98.2	6.53	1.7	3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:36	1.0	Surface	1	2	27.02	8.28	32.18	98.2	6.53	1.8	3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:27	3.3	Middle	2	1	27.02	8.28	32.3	97.9	6.51	1.8	1.4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:48	3.3	Middle	2	2	27.02	8.28	32.37	98.1	6.52	1.8	2.1
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:43	5.6	Bottom	3	1	27.02	8.28	32.32	98	6.51	1.8	3.6
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10A	08:11:20	5.6	Bottom	3	2	27.02	8.27	32.31	97.7	6.49	1.8	5.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10B	08:01:43	1.0	Surface	1	1	27.01	8.25	32.89	96.6	6.4	1.6	3.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10B	08:01:58	1.0	Surface	1	2	27.01	8.25	32.72	96.9	6.42	1.6	4.5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10B	08:01:37	3.8	Bottom	3	1	27.01	8.24	33.05	96.6	6.4	1.6	2.6
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	SR10B	08:01:53	3.8	Bottom	3	2	27.01	8.25	32.9	96.8	6.41	1.7	3.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:24:39	1.0	Surface	1	1	24.15	8.04	22.12	96.9	7.17	2	3.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:23:54	1.0	Surface	1	2	24.17	8.04	22.54	98	7.23	1.8	4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:24:32	3.9	Middle	2	1	24.13	8.03	23.43	96.6	7.09	2.6	2.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:23:43	3.9	Middle	2	2	24.14	8.03	23.8	97.2	7.12	2.8	2.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:23:30	6.8	Bottom	3	1	24.08	8.02	24.36	96.5	7.06	3.3	4
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS2	10:24:15	6.8	Bottom	3	2	24.07	8.02	24.11	97.8	7.17	3.2	4.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:52:19	1.0	Surface	1	1	26.86	8.32	30.01	89.1	5.81	2.7	5.9
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:51:45	1.0	Surface	1	2	26.74	8.32	30.03	91.6	5.97	2.9	4.2
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:51:36	6.3	Middle	2	1	27.08	8.27	34.91	91.1	5.92	2.8	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:52:10	6.3	Middle	2	2	27.08	8.27	35.16	88.7	5.76	2.8	3.3
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:51:23	11.5	Bottom	3	1	26.99	8.26	36.27	86.6	5.66	2.8	4.8
HKLR	HY/2011/03	2015-10-23	Mid-Ebb	Sunny	CS(Mf)5	08:52:01	11.5	Bottom	3	2	27.05	8.26	36.34	86	5.62	2.8	4.4
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:56:52	1.0	Surface	1	1	27.74	8.41	31.53	117.7	7.76	3.9	3.7
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:57:18	1.0	Surface	1	2	27.74	8.4	31.61	115.8	7.63	3.8	2.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:56:42	4.3	Middle	2	1	27.52	8.4	32.35	114.4	7.51	4.3	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:57:09	4.3	Middle	2	2	27.5	8.39	32.52	114.7	7.53	4.1	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:56:33	7.6	Bottom	3	1	27.58	8.4	32.77	111.2	7.33	4.2	4.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS5	14:57:01	7.6	Bottom	3	2	27.55	8.4	32.94	111.7	7.36	4.2	5.7
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)6	15:07:25	1.0	Surface	1	1	27.67	8.41	31.46	124.8	8.24	3	2.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)6	15:08:13	1.0	Surface	1	2	27.62	8.41	31.37	123.2	8.15	3.3	4.2
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)6	15:08:05	2.2	Bottom	3	1	27.41	8.4	32.56	121.9	8.04	3.2	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)6	15:07:18	2.2	Bottom	3	2	27.57	8.41	32.2	123.7	8.15	3.2	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS7	15:16:19	1.0	Surface	1	1	27.73	8.41	31.5	124.3	8.2	2.6	3.2
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS7	15:16:37	1.0	Surface	1	2	27.73	8.41	31.53	125.4	8.28	2.6	3.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS7	15:16:26	2.3	Bottom	3	1	27.52	8.4	32.31	123	8.11	2.7	3.4
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS7	15:16:08	2.3	Bottom	3	2	27.53	8.4	32.28	121.2	7.99	2.6	4.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS8	15:36:28	1.0	Surface	1	1	27.59	8.36	30.98	110.2	7.31	11.2	6.3
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS8	15:36:07	1.0	Surface	1	2	27.59	8.36	30.93	111.9	7.42	11.5	7.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS8	15:36:22	2.9	Bottom	3	1	27.61	8.35	32.24	109.7	7.22	11.6	4.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS8	15:36:01	2.9	Bottom	3	2	27.61	8.35	32.26	112.4	7.4	11.5	4.7
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)9	15:21:23	1.0	Surface	1	1	27.75	8.4	31.65	124.1	8.18	4.6	3.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)9	15:21:35	1.0	Surface	1	2	27.73	8.4	31.7	122.5	8.07	4.5	4
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)9	15:21:12	2.8	Bottom	3	1	27.69	8.4	32.12	123.3	8.11	4.5	5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS(Mf)9	15:21:29	2.8	Bottom	3	2	27.72	8.4	31.98	122.5	8.06	4.6	3.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:03:48	1.0	Surface	1	1	24.33	8.19	17.86	111.7	8.44	2.5	4.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:03:06	1.0	Surface	1	2	24.33	8.2	17.99	114.2	8.62	2.4	5.3
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:03:40	5.3	Middle	2	1	24.36	8.16	19.84	109.1	8.15	4.4	2.2
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:02:48	5.3	Middle	2	2	24.33	8.15	20.1	108.8	8.12	4.7	2.9
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:02:37	9.6	Bottom	3	1	24.25	8.12	21.49	111.7	8.28	6.2	3.7
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	IS10	16:03:28	9.6	Bottom	3	2	24.26	8.13	21.52	110.8	8.21	6.5	3.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR3	14:47:12	0.7	Middle	2	1	27.79	8.48	30.52	121.8	8.07	2.2	2.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR3	14:46:54	0.7	Middle	2	2	27.66	8.48	30.82	115.3	7.65	2.1	3.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR4	15:28:18	1.0	Surface	1	1	27.57	8.38	31.06	114.9	7.62	10.1	10.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR4	15:29:57	1.0	Surface	1	2	27.61	8.37	30.85	112.8	7.49	10.5	12.3
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR4	15:28:33	2.9	Bottom	3	1	27.6	8.36	32.62	114.1	7.5	10.3	6.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR4	15:29:48	2.9	Bottom	3	2	27.62	8.35	32.35	113	7.44	10.2	6.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR5	15:53:06	1.0	Surface	1	1	24.3	8.19	18.27	115.4	8.7	1.3	3.4
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR5	15:52:46	1.0	Surface	1	2	24.3	8.19	18.42	115	8.67	1.3	5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR5	15:52:37	4.1	Bottom	3	1	24.28	8.17	19.8	115.2	8.62	1.4	4.4
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR5	15:52:56	4.1	Bottom	3	2	24.27	8.17	19.55	115.4	8.64	1.4	3.7
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:57:01	1.0	Surface	1	1	27.23	8.35	33.8	101.7	6.64	2.6	5.9
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:57:25	1.0	Surface	1	2	27.22	8.35	33.7	100.1	6.58	2.7	6.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:57:17	3.4	Middle	2	1	27.17	8.34	34.11	100.1	6.54	2.6	2.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:56:51	3.4	Middle	2	2	27.16	8.33	34.88	100.3	6.59	2.6	3
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:57:09	5.7	Bottom	3	1	27.18	8.34	34.93	99	6.5	2.6	4.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10A	16:56:45	5.7	Bottom	3	2	27.18	8.34	34.95	98.9	6.47	2.5	5.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10B	17:06:50	1.0	Surface	1	1	27.17	8.34	33.94	100.7	6.62	1.6	2.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10B	17:06:34	1.0	Surface	1	2	27.2	8.35	33.38	101.2	6.67	1.6	2.2
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10B	17:06:41	4.5	Bottom	3	1	27.18	8.34	33.96	101.4	6.66	1.6	3.9
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	SR10B	17:06:24	4.5	Bottom	3	2	27.18	8.34	34.01	100.2	6.58	1.6	3.2
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:39:40	1.0	Surface	1	1	24.34	8.16	26.84	109.6	7.86	2.3	5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:38:52	1.0	Surface	1	2	24.44	8.13	26.33	101.4	7.28	2.2	4.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:38:42	3.8	Middle	2	1	24.04	8.05	28.72	93.4	6.67	4.7	4.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:39:19	3.8	Middle	2	2	24.03	8.09	29.49	95.1	6.76	4.2	3.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:39:06	6.6	Bottom	3	1	24.02	8.07	31.3	102	7.18	6	2.1
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS2	14:38:35	6.6	Bottom	3	2	23.99	8.02	31.43	94.9	6.67	6.1	2.6
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:25:17	1.0	Surface	1	1	27.33	8.36	31.11	100.5	6.69	3.2	2.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:25:52	1.0	Surface	1	2	27.23	8.34	31.62	96	6.38	3.2	1.9
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:25:45	6.6	Middle	2	1	27.1	8.3	34.28	90.9	5.97	3.3	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	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:25:08	6.6	Middle	2	2	27.16	8.32	34.48	94.7	6.21	3.3	3.5
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:25:31	12.1	Bottom	3	1	27.14	8.32	35.31	99.8	6.51	3.3	2.8
HKLR	HY/2011/03	2015-10-23	Mid-Flood	Sunny	CS(Mf)5	16:24:50	12.1	Bottom	3	2	27.09	8.29	35.63	89.9	5.86	3.3	3.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:51:25	1.0	Surface	1	1	26.94	8.37	33.06	99.9	6.62	13.4	16.2
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:51:04	1.0	Surface	1	2	26.94	8.37	33.05	100	6.63	13.2	15.6
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:51:17	4.2	Middle	2	1	26.94	8.37	33.11	99.4	6.59	13.2	14.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:50:58	4.2	Middle	2	2	26.94	8.37	33.09	99.4	6.59	13.5	16.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:51:11	7.3	Bottom	3	1	26.94	8.37	33.1	99.2	6.58	13.3	14.6
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS5	11:50:52	7.3	Bottom	3	2	26.94	8.38	33.08	99.2	6.57	14.1	14.4
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)6	11:42:22	1.0	Surface	1	1	26.95	8.38	32.67	104	6.91	8.9	7.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)6	11:42:37	1.0	Surface	1	2	26.96	8.38	32.69	102.6	6.81	8.8	5.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)6	11:42:15	2.3	Bottom	3	1	26.95	8.39	32.68	103.8	6.9	8.8	6.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)6	11:42:27	2.3	Bottom	3	2	26.96	8.38	32.68	103.8	6.89	8.8	6.1
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS7	11:34:42	1.0	Surface	1	1	26.96	8.4	32.57	108.6	7.22	8.5	8.6
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS7	11:34:27	1.0	Surface	1	2	26.96	8.4	32.57	108.7	7.22	8.2	7.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS7	11:34:33	2.2	Bottom	3	1	26.96	8.4	32.58	108.9	7.23	8.6	8.2
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS7	11:34:22	2.2	Bottom	3	2	26.96	8.4	32.57	108.1	7.18	8.2	8.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS8	11:15:06	1.0	Surface	1	1	26.91	8.37	32.58	104	6.91	4.7	2.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS8	11:14:40	1.0	Surface	1	2	26.91	8.38	32.53	105.3	7	4.8	2.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS8	11:15:00	3.0	Bottom	3	1	26.91	8.37	32.71	103.8	6.89	4.8	3.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS8	11:14:33	3.0	Bottom	3	2	26.91	8.38	32.61	105.9	7.04	4.9	3.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)9	11:28:57	1.0	Surface	1	1	26.97	8.4	32.52	107.1	7.12	4.8	3.6
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)9	11:29:13	1.0	Surface	1	2	26.96	8.4	32.54	107.7	7.16	4.9	5.4
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)9	11:28:51	2.7	Bottom	3	1	26.97	8.4	32.53	108.2	7.19	4.8	3.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS(Mf)9	11:29:06	2.7	Bottom	3	2	26.97	8.4	32.54	107.8	7.16	4.7	3.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:16	1.0	Surface	1	1	23.96	8.06	29.51	106.2	7.52	4.2	5.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:43	1.0	Surface	1	2	23.96	8.06	29.52	106.2	7.56	4.4	7.2
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:11	5.2	Middle	2	1	23.95	8.06	29.68	105	7.48	4.5	7.1
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:37	5.2	Middle	2	2	23.96	8.06	29.68	105.2	7.48	4.6	6.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:30	9.4	Bottom	3	1	23.96	8.06	29.72	104.8	7.45	4.7	7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	IS10	11:41:04	9.4	Bottom	3	2	23.95	8.06	29.74	104.6	7.44	4.8	6.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR3	11:59:04	0.7	Middle	2	1	26.94	8.38	33.03	99.8	6.62	13.4	13.2
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR3	11:59:13	0.7	Middle	2	2	26.95	8.38	33.01	100.4	6.66	13.5	12.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR4	11:20:10	1.0	Surface	1	1	26.91	8.39	32.53	104.9	6.98	4.6	3.3
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR4	11:20:22	1.0	Surface	1	2	26.91	8.39	32.53	105.6	7.02	4.5	3.6
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR4	11:20:16	2.6	Bottom	3	1	26.91	8.39	32.55	105.1	6.99	4.4	2.2
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR4	11:20:01	2.6	Bottom	3	2	26.91	8.38	32.55	105.1	6.99	4.6	2.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR5	11:49:43	1.0	Surface	1	1	23.96	8.06	29.55	104.4	7.42	5.1	8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR5	11:49:57	1.0	Surface	1	2	23.96	8.06	29.5	104.6	7.44	5	7.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR5	11:49:51	3.9	Bottom	3	1	23.96	8.06	29.56	104.2	7.42	5.1	6.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR5	11:49:38	3.9	Bottom	3	2	23.96	8.06	29.55	103.6	7.37	5.2	5.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:25	1.0	Surface	1	1	27.07	8.33	35.47	97.7	6.37	5.3	5.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:54	1.0	Surface	1	2	27.07	8.33	35.48	97.1	6.33	5.2	6.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:46	3.4	Middle	2	1	27.07	8.33	35.52	96.9	6.32	5.2	3.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:18	3.4	Middle	2	2	27.07	8.33	35.55	97.7	6.37	5.3	3.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:41	5.7	Bottom	3	1	27.06	8.33	35.55	97.3	6.34	5.3	5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10A	10:17:11	5.7	Bottom	3	2	27.07	8.33	35.54	97.7	6.37	5.1	4.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10B	10:07:32	1.0	Surface	1	1	27.06	8.32	36.07	97.5	6.34	5.7	4.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10B	10:07:45	1.0	Surface	1	2	27.06	8.32	35.99	97.7	6.35	5.5	3.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10B	10:07:23	4.1	Bottom	3	1	27.06	8.32	36.14	97.5	6.34	5.7	4.8
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	SR10B	10:07:38	4.1	Bottom	3	2	27.06	8.32	36.05	97.5	6.34	5.7	5.3
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:03:06	1.0	Surface	1	1	23.96	8.09	27.81	107.4	7.71	4.7	4.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:03:22	1.0	Surface	1	2	23.95	8.08	27.72	107.9	7.75	4.8	4.3
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:02:37	3.9	Middle	2	1	23.88	8.09	28.32	106.9	7.68	4.9	4.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:03:18	3.9	Middle	2	2	23.93	8.08	27.91	107.2	8.95	4.9	3.3
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:03:13	6.8	Bottom	3	1	23.96	8.09	27.84	104.1	7.46	5.1	3.3
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS2	13:02:24	6.8	Bottom	3	2	23.87	8.08	29.98	104	7.39	5.2	3.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:37:42	1.0	Surface	1	1	27.07	8.37	33.48	101.2	6.61	6.1	3.4
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:38:15	1.0	Surface	1	2	27.06	8.37	33.46	100.9	6.66	6.1	4.7
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:37:31	6.4	Middle	2	1	27.11	8.35	34.89	100.9	6.6	6.2	3.4
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:38:03	6.4	Middle	2	2	27.12	8.35	34.73	100.3	6.55	6.2	3.9
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:37:25	11.8	Bottom	3	1	27.11	8.36	35.21	99.4	6.5	6.3	4.5
HKLR	HY/2011/03	2015-10-26	Mid-Ebb	Cloudy	CS(Mf)5	10:37:55	11.8	Bottom	3	2	27.11	8.35	35.17	98.4	6.44	6.1	4.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:42:09	1.0	Surface	1	1	26.96	8.47	33.68	105.2	6.94	8.3	8.2
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:41:35	1.0	Surface	1	2	26.96	8.48	33.61	105.7	6.98	8.6	7.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:41:25	4.4	Middle	2	1	26.96	8.48	33.65	104.9	6.93	8.3	8.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:42:01	4.4	Middle	2	2	26.96	8.47	33.74	104.2	6.88	8.6	7.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:41:52	7.7	Bottom	3	1	26.96	8.47	33.74	104.1	6.87	8.5	7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS5	16:41:15	7.7	Bottom	3	2	26.96	8.48	33.61	104.4	6.9	8.4	7.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)6	16:50:40	1.0	Surface	1	1	26.95	8.46	33.62	105.6	6.97	7.3	6.2
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)6	16:50:58	1.0	Surface	1	2	26.96	8.45	33.63	105.8	6.99	7.3	5.4
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)6	16:50:33	2.3	Bottom	3	1	26.96	8.46	33.63	105.5	6.97	7.4	6.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)6	16:50:47	2.3	Bottom	3	2	26.96	8.46	33.64	105.4	6.96	7.4	6.8
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS7	16:59:08	1.0	Surface	1	1	26.95	8.45	33.64	105.8	6.99	7.5	5.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS7	16:58:54	1.0	Surface	1	2	26.96	8.45	33.65	105.5	6.97	7.4	7.2
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS7	16:58:48	2.1	Bottom	3	1	26.96	8.45	33.66	105.4	6.96	7.3	6.2
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS7	16:58:59	2.1	Bottom	3	2	26.96	8.45	33.66	105.8	6.98	7.6	7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS8	17:19:03	1.0	Surface	1	1	26.99	8.4	33.54	101.5	6.7	16.9	15.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS8	17:18:46	1.0	Surface	1	2	26.99	8.4	33.57	101.1	6.68	16.9	14.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS8	17:18:53	3.0	Bottom	3	1	26.99	8.4	33.57	101.8	6.72	16.9	13.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS8	17:18:38	3.0	Bottom	3	2	26.99	8.4	33.58	100.8	6.65	17.6	13.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)9	17:05:10	1.0	Surface	1	1	26.97	8.43	33.48	105.3	6.96	9.2	11.4
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)9	17:05:27	1.0	Surface	1	2	26.97	8.43	33.49	106.6	7.04	9.6	11.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)9	17:05:20	2.7	Bottom	3	1	26.98	8.42	33.53	105.5	6.97	9.4	12.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS(Mf)9	17:05:04	2.7	Bottom	3	2	26.97	8.43	33.5	104.6	6.91	9.3	12.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:16:56	1.0	Surface	1	1	24.06	8.15	25.77	109.4	7.93	3.8	5.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:17:50	1.0	Surface	1	2	24.07	8.15	24.91	109.5	7.98	3.7	5.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:16:52	5.2	Middle	2	1	24.03	8.15	26.04	109.2	7.91	4.1	5.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:17:31	5.2	Middle	2	2	24.05	8.14	25.37	109.3	7.93	4	4.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:16:45	9.4	Bottom	3	1	24.04	8.14	26.1	109	7.92	4.4	5.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	IS10	18:17:24	9.4	Bottom	3	2	24.08	8.14	25.43	108.9	7.92	4.2	4.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR3	16:30:52	0.7	Middle	2	1	26.95	8.57	32.85	106.4	7.06	7.8	10.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR3	16:30:58	0.7	Middle	2	2	26.95	8.56	32.93	106.1	7.04	7.7	9.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR4	17:11:33	1.0	Surface	1	1	26.98	8.41	33.51	102.4	6.76	14.8	16.8
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR4	17:11:46	1.0	Surface	1	2	26.99	8.41	33.53	102.9	6.8	14.2	17.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR4	17:11:27	2.8	Bottom	3	1	26.99	8.41	33.55	101.9	6.73	15.2	16.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR4	17:11:38	2.8	Bottom	3	2	26.98	8.41	33.55	103.3	6.82	14.7	17.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR5	18:07:58	1.0	Surface	1	1	24.07	8.14	26.84	110.3	7.91	3.8	5.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR5	18:07:40	1.0	Surface	1	2	24.07	8.14	27.39	109.8	7.9	3.9	5.1
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR5	18:07:51	4.1	Bottom	3	1	24.06	8.14	27.05	109.9	7.88	4	4.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR5	18:07:32	4.1	Bottom	3	2	24.07	8.14	27.77	109.5	7.83	4.1	5.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:42	1.0	Surface	1	1	27.1	8.39	33.48	103.2	6.8	5.5	6.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:22	1.0	Surface	1	2	27.1	8.39	33.51	102.9	6.79	5.3	6.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:35	3.3	Middle	2	1	27.1	8.38	33.68	102.7	6.76	5.6	7.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:16	3.3	Middle	2	2	27.1	8.38	33.72	102.5	6.75	5.5	6.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:28	5.6	Bottom	3	1	27.1	8.38	33.64	102.4	6.75	5.4	7.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10A	18:31:10	5.6	Bottom	3	2	27.1	8.38	33.7	102.4	6.75	5.5	6.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10B	18:41:59	1.0	Surface	1	1	27.09	8.39	33.44	104.7	6.91	4.8	7.4
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10B	18:42:14	1.0	Surface	1	2	27.09	8.39	33.41	103.6	6.84	4.6	8.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10B	18:41:53	4.3	Bottom	3	1	27.09	8.39	33.53	105	6.92	4.8	5.7
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	SR10B	18:42:06	4.3	Bottom	3	2	27.09	8.39	33.42	103.9	6.86	4.6	6.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:58:05	1.0	Surface	1	1	24.2	8.16	28.16	106.5	7.6	4	4.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:57:45	1.0	Surface	1	2	24.19	8.17	28.39	106.2	7.56	4	3.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:58:00	4.0	Middle	2	1	24.17	8.16	28.6	105.1	7.51	4.2	5.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:57:40	4.0	Middle	2	2	24.16	8.17	28.72	104	7.42	4.3	4.4
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:57:34	7.0	Bottom	3	1	24.16	8.17	28.74	103.5	7.37	4.6	3.5
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS2	16:57:55	7.0	Bottom	3	2	24.18	8.16	28.56	103.7	7.38	4.5	3.4
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:58:00	1.0	Surface	1	1	27.1	8.39	33.56	101.5	6.69	8.2	7.3
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:57:26	1.0	Surface	1	2	27.1	8.38	33.6	100.8	6.64	8.3	6.9
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:57:47	6.4	Middle	2	1	27.1	8.37	34.43	99.1	6.5	8.4	6.8
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:57:18	6.4	Middle	2	2	27.1	8.38	33.93	99.2	6.53	8.2	7.8
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:57:39	11.7	Bottom	3	1	27.1	8.37	34.95	100.3	6.56	8.4	7.6
HKLR	HY/2011/03	2015-10-26	Mid-Flood	Cloudy	CS(Mf)5	17:57:10	11.7	Bottom	3	2	27.1	8.37	35	100.6	6.58	8.5	7.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:29:25	1.0	Surface	1	1	27.18	8.39	31.63	93.3	6.23	9.5	11.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:28:49	1.0	Surface	1	2	27.18	8.41	31.4	93.3	6.23	9.2	10.5
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:29:21	4.1	Middle	2	1	27.18	8.39	31.64	92.8	6.18	9.5	10.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:28:45	4.1	Middle	2	2	27.18	8.41	31.37	92.7	6.18	9.6	9.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:29:14	7.2	Bottom	3	1	27.18	8.39	31.63	92.6	6.17	9.7	10.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS5	12:28:41	7.2	Bottom	3	2	27.19	8.41	31.32	92.5	6.16	9.8	10.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)6	12:35:04	1.0	Surface	1	1	27.13	8.37	32.33	97.4	6.44	8	9.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)6	12:35:14	1.0	Surface	1	2	27.13	8.37	32.32	97.6	6.47	8.3	9.6
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)6	12:35:09	2.3	Bottom	3	1	27.13	8.37	32.32	95.5	6.34	8.6	7.6
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)6	12:35:00	2.3	Bottom	3	2	27.13	8.37	32.34	95.7	6.35	8.4	7.1
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS7	12:40:43	1.0	Surface	1	1	27.35	8.36	32.29	95.5	6.31	5.1	2.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS7	12:40:33	1.0	Surface	1	2	27.17	8.36	32.4	94.8	6.28	5.2	2.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS7	12:40:39	2.4	Bottom	3	1	27.46	8.36	32.21	95	6.27	5.3	2.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS7	12:40:29	2.4	Bottom	3	2	27.21	8.36	32.36	95.5	6.33	5.3	1.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS8	13:02:45	1.0	Surface	1	1	27.62	8.34	31.65	100.7	6.66	4.3	4.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS8	13:02:55	1.0	Surface	1	2	27.64	8.34	31.56	101.2	6.68	4.5	3.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS8	13:02:41	2.7	Bottom	3	1	27.63	8.34	31.65	98.5	6.51	4.7	3.6
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS8	13:02:50	2.7	Bottom	3	2	27.66	8.34	31.6	99.5	6.57	4.8	4.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)9	12:47:07	1.0	Surface	1	1	27.54	8.36	32.03	98.9	6.54	4	4.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)9	12:47:17	1.0	Surface	1	2	27.55	8.35	32.01	99	6.54	4.2	3.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)9	12:47:11	2.5	Bottom	3	1	27.55	8.35	32.03	98.4	6.49	4.2	3.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS(Mf)9	12:47:03	2.5	Bottom	3	2	27.54	8.36	32.03	98.5	6.5	4.1	3.1
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:08:46	1.0	Surface	1	1	24.46	8.06	25.24	96.9	7	6.5	3.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:09:10	1.0	Surface	1	2	24.41	8.06	24.11	97.3	7.04	6.7	4.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:08:37	5.3	Middle	2	1	24.18	8.06	25.93	96.6	6.98	6.6	4.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:09:02	5.3	Middle	2	2	24.18	8.06	25.68	96.7	7.02	6.6	5.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:08:56	9.6	Bottom	3	1	24.28	8.06	25.68	96.5	6.99	6.7	4.1
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	IS10	13:08:31	9.6	Bottom	3	2	24.27	8.06	25.91	96.3	6.96	6.6	5.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR3	12:19:34	0.7	Middle	2	1	27.19	8.52	30.21	96.2	6.42	8.3	10.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR3	12:19:31	0.7	Middle	2	2	27.19	8.52	30.13	96.5	6.47	8.2	11.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR4	12:53:31	1.0	Surface	1	1	27.59	8.35	31.57	98.4	6.5	5.3	2.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR4	12:53:20	1.0	Surface	1	2	27.49	8.35	31.78	98.3	6.49	5.1	3.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR4	12:53:16	2.8	Bottom	3	1	27.57	8.35	31.69	96.8	6.4	5.6	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	2015-10-28	Mid-Ebb	Sunny	SR4	12:53:25	2.8	Bottom	3	2	27.62	8.35	31.62	97.4	6.43	5.6	4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR5	12:56:52	1.0	Surface	1	1	24.51	8.06	25.97	97.7	7.02	5.7	4.5
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR5	12:56:15	1.0	Surface	1	2	24.61	8.06	27	97.7	6.97	5.7	4.5
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR5	12:56:45	4.0	Bottom	3	1	24.21	8.05	27.68	97.4	6.97	5.7	5.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR5	12:56:04	4.0	Bottom	3	2	24.23	8.06	28.2	97.2	6.94	5.8	4.8
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:55:42	1.0	Surface	1	1	27.31	8.35	33.49	98.7	6.47	2.9	2.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:56:17	1.0	Surface	1	2	27.3	8.35	33.57	98.9	6.5	2.8	2.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:56:12	3.2	Middle	2	1	27.26	8.35	33.87	97.9	6.43	3	2.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:55:37	3.2	Middle	2	2	27.28	8.35	33.79	97.5	6.41	3	3.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:55:32	5.3	Bottom	3	1	27.38	8.35	33.59	95.4	6.27	3.1	4.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10A	13:56:06	5.3	Bottom	3	2	27.27	8.35	33.88	95.7	6.28	3.1	4.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10B	14:04:00	1.0	Surface	1	1	27.55	8.36	33.16	98.7	6.47	3.2	3.5
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10B	14:03:49	1.0	Surface	1	2	27.57	8.36	33.07	99	6.5	3.3	3.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10B	14:03:54	4.1	Bottom	3	1	27.5	8.36	33.16	97	6.36	3.5	3.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	SR10B	14:03:43	4.1	Bottom	3	2	27.49	8.36	33.18	97.7	6.41	3.7	3.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:41:43	1.0	Surface	1	1	24.21	8.17	29.41	96.7	6.85	12.1	13.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:42:07	1.0	Surface	1	2	24.18	8.13	29.36	96.5	6.84	12.2	12.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:41:29	3.9	Middle	2	1	24.14	8.19	29.61	96.6	6.85	12.5	9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:41:58	3.9	Middle	2	2	24.14	8.14	29.5	96.4	6.84	12.6	9.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:41:51	6.7	Bottom	3	1	24.16	8.15	29.48	96.1	6.82	12.6	12.7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS2	11:41:14	6.7	Bottom	3	2	24.16	8.26	29.69	96.2	6.82	12.2	13.2
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:22	1.0	Surface	1	1	27.47	8.33	31.84	98.1	6.49	4.8	7.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:40	1.0	Surface	1	2	27.46	8.33	31.88	98.3	6.51	4.9	6.4
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:35	6.7	Middle	2	1	27.44	8.33	31.99	96.8	6.42	4.9	5.9
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:15	6.7	Middle	2	2	27.39	8.33	32.06	96.5	6.41	4.8	4.3
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:10	12.3	Bottom	3	1	27.41	8.33	32.05	96.4	6.38	4.9	7
HKLR	HY/2011/03	2015-10-28	Mid-Ebb	Sunny	CS(Mf)5	13:30:31	12.3	Bottom	3	2	27.5	8.33	31.89	96.4	6.38	4.9	5.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:33	1.0	Surface	1	1	27.04	8.35	33.03	96.1	6.34	7.6	7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:13	1.0	Surface	1	2	27.04	8.35	33.03	95.9	6.3	7.5	5.3
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:08	4.2	Middle	2	1	27.03	8.35	33.03	94	6.22	7.4	4
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:29	4.2	Middle	2	2	27.03	8.35	33.04	94.1	6.23	7.7	5
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:03	7.3	Bottom	3	1	27.05	8.35	33.01	93.4	6.18	7.8	4.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS5	08:12:23	7.3	Bottom	3	2	27.04	8.35	33.03	93.6	6.19	7.7	5.4
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)6	08:05:38	1.0	Surface	1	1	27.03	8.36	33.02	100.1	6.62	8.4	4.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)6	08:05:15	1.0	Surface	1	2	27.06	8.36	32.98	100.3	6.65	8.2	5.4
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)6	08:05:32	2.5	Bottom	3	1	27.03	8.36	33.02	95.8	6.35	8.7	7.6
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)6	08:04:54	2.5	Bottom	3	2	27.05	8.36	32.95	95.6	6.33	8.8	6.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS7	07:57:51	1.0	Surface	1	1	27.19	8.33	32.48	94.6	6.26	5.1	2.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS7	07:57:31	1.0	Surface	1	2	27.23	8.33	32.41	94.3	6.24	5.2	3.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS7	07:57:23	2.4	Bottom	3	1	27.21	8.33	32.6	93.9	6.21	5.3	3.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS7	07:57:43	2.4	Bottom	3	2	27.17	8.33	32.77	93.9	6.21	5.3	2.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS8	07:36:25	1.0	Surface	1	1	27.21	8.32	31.85	93.9	6.24	6.1	6.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS8	07:36:09	1.0	Surface	1	2	27.21	8.32	31.85	93.2	6.19	6.1	4.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS8	07:36:02	2.8	Bottom	3	1	27.22	8.32	31.85	92.6	6.15	6.4	5.5
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS8	07:36:15	2.8	Bottom	3	2	27.21	8.32	31.87	93.5	6.21	6.4	5.5
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)9	07:51:42	1.0	Surface	1	1	27.19	8.32	32.39	100.4	6.66	5.1	3.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)9	07:51:26	1.0	Surface	1	2	27.19	8.32	32.38	100.9	6.68	5.2	2.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)9	07:51:36	2.6	Bottom	3	1	27.2	8.32	32.45	97.8	6.48	5.3	4.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS(Mf)9	07:51:19	2.6	Bottom	3	2	27.18	8.32	32.5	97.8	6.48	5.4	3.3
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS10	07:23:22	1.0	Surface	1	1	24.12	8.04	28.78	96.6	6.88	7.4	7.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS10	07:23:48	1.0	Surface	1	2	24.12	8.04	28.79	96.3	6.86	7.4	6.5
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS10	07:23:41	5.3	Middle	2	1	24.1	8.04	28.85	96.2	6.85	7.7	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	2015-10-28	Mid-Flood	Sunny	IS10	07:23:12	5.3	Middle	2	2	24.1	8.04	28.83	96.4	6.87	7.5	6.6
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS10	07:23:34	9.6	Bottom	3	1	24.1	8.04	28.85	96	6.84	7.6	5.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	IS10	07:23:03	9.6	Bottom	3	2	24.1	8.04	28.89	96.3	6.86	7.5	7.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR3	08:20:36	0.7	Middle	2	1	27.04	8.35	33.04	93.7	6.2	6.5	4.3
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR3	08:20:32	0.7	Middle	2	2	27.04	8.35	33.04	94.2	6.23	6.5	3.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR4	07:43:50	1.0	Surface	1	1	27.2	8.31	31.92	93.5	6.21	6.3	4.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR4	07:44:09	1.0	Surface	1	2	27.2	8.31	31.9	93.5	6.21	6.3	4.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR4	07:43:42	2.9	Bottom	3	1	27.21	8.32	31.91	93.3	6.2	6.6	6.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR4	07:43:59	2.9	Bottom	3	2	27.22	8.32	31.93	93.3	6.2	6.8	6.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR5	07:31:45	1.0	Surface	1	1	24.14	8.04	28.77	96.6	6.88	6.6	7.6
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR5	07:31:58	1.0	Surface	1	2	24.14	8.04	28.76	96.5	6.88	6.6	7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR5	07:31:51	4.3	Bottom	3	1	24.14	8.04	28.77	96.7	6.89	6.5	8.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR5	07:31:40	4.3	Bottom	3	2	24.14	8.04	28.77	96.5	6.87	6.5	8.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:38:23	1.0	Surface	1	1	27.12	8.29	34.22	92.6	6.08	7.2	6.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:39:02	1.0	Surface	1	2	27.15	8.29	33.92	92.3	6.06	7.2	7.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:38:36	3.2	Middle	2	1	27.12	8.29	34.23	91.8	6.02	7.4	5.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:38:17	3.2	Middle	2	2	27.11	8.29	34.48	91.8	6.03	7.3	4.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:38:31	5.4	Bottom	3	1	27.13	8.29	34.18	91.5	6.01	7.6	4.4
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10A	06:38:11	5.4	Bottom	3	2	27.12	8.28	34.47	91.4	5.99	7.5	6.2
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10B	06:28:38	1.0	Surface	1	1	27.13	8.26	34.59	92.5	6.06	6.5	5.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10B	06:28:55	1.0	Surface	1	2	27.13	8.26	34.53	92.3	6.05	6.4	6.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10B	06:28:49	4.1	Bottom	3	1	27.13	8.26	34.57	92.3	6.05	7.2	5.6
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	SR10B	06:28:33	4.1	Bottom	3	2	27.14	8.25	34.64	92.7	6.07	7.1	5.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:46:06	1.0	Surface	1	1	24.13	8.06	26.9	97	6.98	12.5	8.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:46:32	1.0	Surface	1	2	24.15	8.07	26.33	97.2	7.02	12.2	9.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:46:00	4.0	Middle	2	1	24.12	8.06	27.05	96.8	6.97	12.4	8.3
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:46:23	4.0	Middle	2	2	24.12	8.07	26.6	96.6	6.97	12.4	8.3
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:45:52	7.0	Bottom	3	1	24.12	8.06	27.34	96.7	6.95	12.3	8.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS2	08:46:17	7.0	Bottom	3	2	24.12	8.07	26.7	96.6	6.96	12.6	8.9
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:06:09	1.0	Surface	1	1	27.17	8.32	32.95	93.7	6.19	8.4	3.6
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:05:51	1.0	Surface	1	2	27.16	8.31	33.92	93.8	6.16	8.3	2.5
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:05:46	6.7	Middle	2	1	27.16	8.31	34.04	93.6	6.15	8.4	3.8
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:06:04	6.7	Middle	2	2	27.16	8.32	33.99	93.4	6.14	8.5	3.7
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:05:40	12.4	Bottom	3	1	27.19	8.31	34.01	93.5	6.15	8.6	4.1
HKLR	HY/2011/03	2015-10-28	Mid-Flood	Sunny	CS(Mf)5	07:05:59	12.4	Bottom	3	2	27.17	8.31	33.88	92.7	6.09	8.6	3.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:23:20	1.0	Surface	1	1	27.15	8.3	34.03	91.1	5.98	12.1	11.9
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:22:51	1.0	Surface	1	2	27.15	8.3	34.04	91.7	6.02	12	11.6
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:22:37	4.3	Middle	2	1	27.15	8.29	34.08	91.1	5.99	12	12.7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:23:05	4.3	Middle	2	2	27.14	8.3	34.09	91.2	5.99	12.9	12.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:23:01	7.5	Bottom	3	1	27.14	8.3	34.08	91	5.98	12.9	14.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS5	13:22:29	7.5	Bottom	3	2	27.14	8.29	34.09	91.4	6	12.6	13.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)6	13:41:01	1.0	Surface	1	1	27.13	8.23	33.67	96.5	6.36	8.3	7.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)6	13:41:22	1.0	Surface	1	2	27.11	8.24	33.69	95.8	6.31	8.3	7.7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)6	13:41:12	2.2	Bottom	3	1	27.05	8.24	33.79	95.1	6.26	9.4	6.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)6	13:40:51	2.2	Bottom	3	2	27.07	8.21	33.79	95.3	6.27	9.9	6.7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS7	13:53:55	1.0	Surface	1	1	27.51	8.3	32.77	97.2	6.39	4	3.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS7	13:52:58	1.0	Surface	1	2	27.53	8.27	32.73	95.2	6.26	4.3	3.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS7	13:53:34	2.4	Bottom	3	1	27.33	8.28	33.06	94.5	6.22	5.8	3.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS7	13:52:42	2.4	Bottom	3	2	27.08	8.25	33.25	91.6	6.05	6	3.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS8	14:41:49	1.0	Surface	1	1	27.63	8.29	32.17	96.5	6.35	6.1	4.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS8	14:41:38	1.0	Surface	1	2	27.6	8.28	32.19	95.9	6.32	6.6	5.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS8	14:41:41	2.8	Bottom	3	1	27.63	8.28	32.26	95.7	6.3	6.6	5.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS8	14:41:29	2.8	Bottom	3	2	27.54	8.28	32.5	95.1	6.26	7	5.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)9	14:04:29	1.0	Surface	1	1	27.38	8.26	32.66	95.6	6.3	4.9	5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)9	14:04:06	1.0	Surface	1	2	27.35	8.24	32.7	95.3	6.29	4.9	5.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)9	14:03:55	2.3	Bottom	3	1	27.26	8.22	32.93	95.2	6.28	5	6.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS(Mf)9	14:04:17	2.3	Bottom	3	2	27.22	8.25	33.02	94.8	6.25	4.8	6
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:28:54	1.0	Surface	1	1	24.57	8.05	20.16	95.5	7.04	6.4	5.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:29:38	1.0	Surface	1	2	24.5	8.05	21.14	95.9	7.08	6.3	4.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:29:23	5.1	Middle	2	1	24.15	8.05	22.12	95.4	7.09	6.6	5.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:28:40	5.1	Middle	2	2	24.23	8.05	22.05	95.3	7.03	6.5	5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:29:07	9.2	Bottom	3	1	24.23	8.04	22.18	94.2	6.96	6.8	3.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	IS10	14:28:31	9.2	Bottom	3	2	24.28	8.04	22.21	94.5	6.98	6.8	4.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR3	13:11:31	0.8	Middle	2	1	27.15	8.18	33.74	92.3	6.07	10.3	11.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR3	13:11:43	0.8	Middle	2	2	27.16	8.22	33.8	92.1	6.06	10.2	12
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR4	14:29:42	1.0	Surface	1	1	27.43	8.26	32.35	94.4	6.23	7	5.3
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR4	14:29:26	1.0	Surface	1	2	27.22	8.24	32.74	94.2	6.23	7.7	4.7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR4	14:29:21	2.5	Bottom	3	1	27.22	8.23	32.95	94.7	6.25	7.8	4.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR4	14:29:33	2.5	Bottom	3	2	27.24	8.24	32.89	93.8	6.19	8	4.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR5	14:20:41	1.0	Surface	1	1	24.52	8.04	21.02	97.5	7.11	4.1	5.1
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR5	14:20:16	1.0	Surface	1	2	24.53	8.05	20.96	97.5	7.1	4.2	4.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR5	14:20:03	3.8	Bottom	3	1	24.42	8.04	22.84	96.4	7.13	4.7	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR5	14:20:27	3.8	Bottom	3	2	24.47	8.04	22.26	96.5	7.07	4.7	5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:29	1.0	Surface	1	1	27.77	8.27	33.14	97.7	6.38	2.3	3
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:54	1.0	Surface	1	2	27.73	8.28	33.21	97.7	6.38	2.5	3.1
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:43	3.2	Middle	2	1	27.56	8.28	33.55	96.8	6.33	2.6	3.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:20	3.2	Middle	2	2	27.6	8.26	33.5	96.7	6.32	2.5	2.9
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:37	5.3	Bottom	3	1	27.65	8.27	33.5	97.2	6.35	2.6	2.9
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10A	15:45:14	5.3	Bottom	3	2	27.71	8.26	33.38	97.1	6.34	2.5	3.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10B	15:58:57	1.0	Surface	1	1	27.61	8.3	33.38	97.3	6.37	2.5	3
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10B	15:59:11	1.0	Surface	1	2	27.62	8.31	33.36	97.7	6.39	2.5	2.1
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10B	15:59:04	4.3	Bottom	3	1	27.63	8.3	33.47	96.8	6.33	2.6	2.3
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	SR10B	15:58:52	4.3	Bottom	3	2	27.63	8.3	33.45	96.7	6.32	2.6	3.1
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:11:55	1.0	Surface	1	1	24.24	8.01	28.75	94.4	6.7	5.9	6.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:10:56	1.0	Surface	1	2	24.2	8.05	28.82	94.3	6.71	5.8	6.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:10:28	3.9	Middle	2	1	24.13	8.02	29.18	92.9	6.6	6	7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:11:35	3.9	Middle	2	2	24.12	8.02	29.11	93.7	6.66	6.1	6.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:10:09	6.8	Bottom	3	1	24.12	8.05	29.37	91.8	6.53	6.3	6.4
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS2	13:11:23	6.8	Bottom	3	2	24.11	8.03	29.21	92.8	6.6	6.4	6.5
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:19:20	1.0	Surface	1	1	27.43	8.28	31.43	91.9	6.09	9	5.7
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:18:41	1.0	Surface	1	2	27.56	8.27	31.26	92.4	6.13	9.2	6.2
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:19:10	6.6	Middle	2	1	27.3	8.27	32.67	90.8	6	9.5	5.3
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:18:28	6.6	Middle	2	2	27.3	8.25	32.65	91	6.01	10.3	4.9
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:19:01	12.1	Bottom	3	1	27.3	8.26	32.69	90.8	5.99	11.8	4.8
HKLR	HY/2011/03	2015-10-30	Mid-Ebb	Sunny	CS(Mf)5	15:18:22	12.1	Bottom	3	2	27.31	8.25	32.61	91.1	6.02	11	5.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:12:17	1.0	Surface	1	1	27.01	8.27	33.07	90.7	6	5.9	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:11:54	1.0	Surface	1	2	26.98	8.25	33.09	91.5	6.06	5.9	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:11:47	4.3	Middle	2	1	26.97	8.25	33.15	90.8	6.01	5.9	5.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:12:05	4.3	Middle	2	2	26.97	8.26	33.15	90.7	6	5.8	6.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:11:43	7.5	Bottom	3	1	26.98	8.24	33.13	90.8	6.01	6	6.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS5	10:12:00	7.5	Bottom	3	2	27	8.26	33.11	90.5	5.99	5.8	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)6	10:00:04	1.0	Surface	1	1	27.12	8.29	32.77	91.6	6.06	8.1	6.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)6	09:59:43	1.0	Surface	1	2	27.13	8.28	32.72	91.3	6.04	8.2	7.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)6	09:59:35	2.1	Bottom	3	1	27.1	8.28	32.82	91.3	6.05	9.7	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	2015-10-30	Mid-Flood	Sunny	IS(Mf)6	09:59:53	2.1	Bottom	3	2	27.08	8.29	32.88	91.4	6.05	8.8	6.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS7	09:51:37	1.0	Surface	1	1	27.13	8.25	32.71	92.2	6.1	7.2	6.6
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS7	09:51:19	1.0	Surface	1	2	27.1	8.22	32.72	93	6.16	7.4	6.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS7	09:51:12	2.3	Bottom	3	1	27.11	8.21	32.75	92.7	6.14	7.5	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS7	09:51:26	2.3	Bottom	3	2	27.06	8.23	32.87	91.8	6.08	8.2	5.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS8	09:22:32	1.0	Surface	1	1	27.23	8.24	31.69	95.2	6.33	7.4	6.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS8	09:22:56	1.0	Surface	1	2	27.23	8.25	31.69	94	6.25	7.9	6.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS8	09:22:47	2.8	Bottom	3	1	27.21	8.24	32.75	93.4	6.17	8.3	5.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS8	09:22:21	2.8	Bottom	3	2	27.22	8.22	32.69	94.2	6.23	8.1	5.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)9	09:43:49	1.0	Surface	1	1	27.12	8.23	32.59	95.8	6.35	7	4.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)9	09:43:33	1.0	Surface	1	2	27.13	8.2	32.42	96.2	6.38	6.6	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)9	09:43:40	2.7	Bottom	3	1	27.11	8.21	32.59	95.9	6.35	7.1	5.7
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS(Mf)9	09:43:25	2.7	Bottom	3	2	27.12	8.17	32.5	96.1	6.37	6.8	6.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:23:14	1.0	Surface	1	1	24.04	8.04	28	94.9	6.8	7.3	12.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:22:18	1.0	Surface	1	2	24.04	8.04	28.51	95.2	6.79	7.1	11.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:22:53	5.1	Middle	2	1	24.02	8.04	28.66	94	6.71	7.6	9.7
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:22:04	5.1	Middle	2	2	24.03	8.04	28.6	94.3	6.73	7.5	10.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:22:39	9.2	Bottom	3	1	24.02	8.04	28.73	93.6	6.71	7.8	5.9
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	IS10	09:21:53	9.2	Bottom	3	2	24.03	8.04	28.91	93.8	6.7	7.9	6.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR3	10:20:13	0.8	Middle	2	1	27.01	8.29	33.05	91	6.03	5.6	7.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR3	10:20:03	0.8	Middle	2	2	27.02	8.28	33.05	91	6.02	5.5	8.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR4	09:33:38	1.0	Surface	1	1	27.22	8.28	31.76	93.2	6.19	7.9	6.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR4	09:33:00	1.0	Surface	1	2	27.22	8.28	31.7	93.7	6.23	7.7	6.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR4	09:32:53	2.8	Bottom	3	1	27.22	8.27	32.85	93.6	6.18	8.3	5.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR4	09:33:26	2.8	Bottom	3	2	27.22	8.27	32.85	92	6.08	8.3	5.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR5	09:32:17	1.0	Surface	1	1	24.03	8.05	27.14	93	6.7	9.7	8.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR5	09:32:46	1.0	Surface	1	2	24.03	8.05	26.37	93	6.73	9.9	8.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR5	09:32:31	4.0	Bottom	3	1	24.02	8.05	26.85	92.9	6.71	10.3	9.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR5	09:32:03	4.0	Bottom	3	2	24.02	8.05	26.76	92.9	6.71	10.2	9.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:21:46	1.0	Surface	1	1	27.19	8.29	33.84	89.7	5.89	10.9	14.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:22:14	1.0	Surface	1	2	27.2	8.3	33.82	90	5.91	10.9	16.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:22:05	3.3	Middle	2	1	27.19	8.3	33.87	89.4	5.87	12	13.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:21:39	3.3	Middle	2	2	27.19	8.29	33.93	89.3	5.87	12.6	12.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:21:58	5.5	Bottom	3	1	27.19	8.3	33.92	89.5	5.88	11.9	13.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10A	08:21:34	5.5	Bottom	3	2	27.19	8.29	33.97	89	5.85	12.4	14.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10B	08:09:04	1.0	Surface	1	1	27.19	8.25	33.91	89.6	5.88	12.5	14.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10B	08:08:43	1.0	Surface	1	2	27.19	8.22	33.91	89.8	5.9	11.6	13.7
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10B	08:08:35	4.1	Bottom	3	1	27.19	8.21	33.94	89.7	5.89	11.3	12.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	SR10B	08:08:56	4.1	Bottom	3	2	27.19	8.24	33.98	89.5	5.88	11.7	14.3
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:43:01	1.0	Surface	1	1	24.1	8.07	20.96	95	7.09	9.3	12.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:43:44	1.0	Surface	1	2	24.1	8.07	20.75	94.5	7.04	9.3	12.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:43:30	4.0	Middle	2	1	24.1	8.07	20.8	94	7.01	9.4	17
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:42:47	4.0	Middle	2	2	24.09	8.07	21.09	94.1	7	9.5	16
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:42:25	7.0	Bottom	3	1	24.08	8.07	21.55	93.5	6.95	9.9	16.5
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS2	10:43:14	7.0	Bottom	3	2	24.09	8.07	21.34	93.7	6.98	9.8	16.6
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:51:31	1.0	Surface	1	1	27.26	8.28	32.4	90.8	6.01	8.6	5.1
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:52:11	1.0	Surface	1	2	27.3	8.29	32.09	90.8	6.01	9	5.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:51:20	6.7	Middle	2	1	27.22	8.27	33.43	89.7	5.9	11.8	4.8
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:51:56	6.7	Middle	2	2	27.21	8.28	33.51	89.1	5.86	10.9	4.4
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:51:10	12.3	Bottom	3	1	27.24	8.26	33.43	90.5	5.96	11.4	5.2
HKLR	HY/2011/03	2015-10-30	Mid-Flood	Sunny	CS(Mf)5	08:51:44	12.3	Bottom	3	2	27.23	8.28	33.47	89.9	5.91	12.3	4.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS5	16:06:44	1.0	Surface	1	1	26.03	8.39	32.94	91.5	6.16	7.1	5.6

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	2015-11-02	Mid-Ebb	Sunny	IS5	16:07:06	1.0	Surface	1	2	25.97	8.38	33.15	90.9	6.12	7.3	4.5
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS5	16:06:36	4.2	Middle	2	1	25.9	8.39	32.96	90.9	6.13	7.3	5.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS5	16:07:00	4.2	Middle	2	2	25.91	8.38	33.19	90.6	6.1	7.7	4.3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS5	16:06:54	7.4	Bottom	3	1	25.96	8.39	33.13	90.3	6.08	7.5	5.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS5	16:06:30	7.4	Bottom	3	2	25.96	8.4	32.88	90.6	6.11	7.4	4.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)6	16:14:45	1.0	Surface	1	1	26.1	8.36	33.5	96.3	6.45	8.5	8.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)6	16:14:58	1.0	Surface	1	2	26.1	8.36	33.51	96.5	6.47	8.1	8.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)6	16:14:51	2.3	Bottom	3	1	26.11	8.36	33.57	95.6	6.41	8.3	7.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)6	16:14:38	2.3	Bottom	3	2	26.11	8.36	33.56	95.9	6.43	8.2	7.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS7	16:20:08	1.0	Surface	1	1	26.02	8.35	33.12	99.4	6.69	5.5	4.5
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS7	16:20:22	1.0	Surface	1	2	26.02	8.35	33.12	98.8	6.65	5.5	4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS7	16:20:14	2.1	Bottom	3	1	26.05	8.35	33.23	99	6.65	5.4	4.5
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS7	16:20:00	2.1	Bottom	3	2	26.06	8.35	33.25	100.3	6.74	5.4	4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS8	16:43:54	1.0	Surface	1	1	26.34	8.35	33.01	93.3	6.25	4.6	3.3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS8	16:43:39	1.0	Surface	1	2	26.36	8.35	33.02	93.9	6.29	4.5	3.8
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS8	16:43:31	3.0	Bottom	3	1	26.37	8.35	33.03	93.9	6.28	4.6	3.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS8	16:43:47	3.0	Bottom	3	2	26.34	8.35	33.02	93.8	6.28	4.5	4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)9	16:28:26	1.0	Surface	1	1	26.32	8.36	33.15	102.4	6.85	3.9	3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)9	16:28:40	1.0	Surface	1	2	26.32	8.36	33.15	102	6.83	3.7	3.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)9	16:28:34	2.7	Bottom	3	1	26.32	8.36	33.24	100.7	6.74	3.8	3.8
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS(Mf)9	16:28:19	2.7	Bottom	3	2	26.32	8.36	33.22	100.8	6.74	3.8	3.4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	16:59:58	1.0	Surface	1	1	23.22	8.13	27.89	97.1	7.06	3.2	2.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	17:00:42	1.0	Surface	1	2	23.22	8.13	27.34	96.8	7.06	3.2	3.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	16:59:42	5.2	Middle	2	1	23.29	8.12	28.67	97.3	6.99	3.3	3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	17:00:30	5.2	Middle	2	2	23.29	8.12	28.22	96.9	6.97	3.4	2.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	16:59:29	9.3	Bottom	3	1	23.3	8.12	29.09	96.8	6.98	3.5	3.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	IS10	17:00:15	9.3	Bottom	3	2	23.3	8.12	28.46	96.2	6.98	3.5	3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR3	15:56:11	0.7	Middle	2	1	26.06	8.48	31.76	93.9	6.36	5.3	5.4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR3	15:56:05	0.7	Middle	2	2	26.06	8.49	31.64	96.1	6.53	5.2	5.3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR4	16:37:44	1.0	Surface	1	1	26.41	8.36	33.03	96.2	6.43	4.2	3.4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR4	16:37:31	1.0	Surface	1	2	26.4	8.36	33.01	97.1	6.49	4.2	4.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR4	16:37:24	2.7	Bottom	3	1	26.41	8.35	33.1	96.1	6.43	4.3	4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR4	16:37:36	2.7	Bottom	3	2	26.41	8.35	33.08	96	6.42	4.3	3.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR5	16:49:37	1.0	Surface	1	1	23.21	8.13	28.84	99.3	7.15	3.3	3.3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR5	16:49:04	1.0	Surface	1	2	23.28	8.12	29.72	99.7	7.19	3.3	
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR5	16:48:53	4.0	Bottom	3	1	23.3	8.11	30.32	96.9	6.97	3.4	3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR5	16:49:22	4.0	Bottom	3	2	23.32	8.11	30.11	96.9	7.01	3.4	3.4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:11:33	1.0	Surface	1	1	26.56	8.4	36	92.5	6.07	2.9	2.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:12:01	1.0	Surface	1	2	26.53	8.4	36.01	91.9	6.03	2.8	2.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:11:24	3.3	Middle	2	1	26.62	8.39	36.77	91.8	5.99	3.1	2.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:11:50	3.3	Middle	2	2	26.62	8.39	36.73	91.7	5.99	3	2.5
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:11:41	5.5	Bottom	3	1	26.6	8.39	36.67	92	6.01	2.9	4.3
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10A	18:11:16	5.5	Bottom	3	2	26.59	8.39	36.58	92.3	6.03	3	6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10B	18:21:12	1.0	Surface	1	1	26.58	8.4	36.02	92.9	6.09	3.2	3.7
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10B	18:20:58	1.0	Surface	1	2	26.59	8.4	35.98	92.4	6.06	3.2	2.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10B	18:21:04	4.0	Bottom	3	1	26.59	8.39	37.1	91.7	5.98	3.2	2.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	SR10B	18:20:52	4.0	Bottom	3	2	26.58	8.39	36.94	91.5	5.97	3.2	3.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:54	1.0	Surface	1	1	23.25	8.12	30.3	99	7.03	3.1	2.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:21	1.0	Surface	1	2	23.23	8.13	30.39	98.5	7	3.2	3.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:11	3.9	Middle	2	1	23.34	8.13	30.92	97.3	6.98	3.4	3.6
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:43	3.9	Middle	2	2	23.35	8.12	30.94	98.4	7.05	3.3	3.4
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:00	6.8	Bottom	3	1	23.38	8.14	31.53	96.6	6.89	3.6	2.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS2	15:35:32	6.8	Bottom	3	2	23.35	8.11	31.44	97.2	6.93	3.5	3.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:29:17	1.0	Surface	1	1	26.64	8.4	33.65	91.6	6.08	7.4	1.5
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:28:45	1.0	Surface	1	2	26.63	8.39	33.74	92	6.1	7.5	1.7
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:29:06	6.2	Middle	2	1	26.63	8.38	37.06	90.5	5.9	7.7	1.9
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:28:29	6.2	Middle	2	2	26.65	8.38	36.86	90.9	5.92	7.7	2.1
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:28:19	11.3	Bottom	3	1	26.64	8.38	37.11	89.6	5.83	7.6	2.2
HKLR	HY/2011/03	2015-11-02	Mid-Ebb	Sunny	CS(Mf)5	17:28:59	11.3	Bottom	3	2	26.64	8.37	37.06	90.5	5.9	7.6	2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:52:38	1.0	Surface	1	1	25.82	8.33	32.21	91.4	6.19	7.5	8.6
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:52:10	1.0	Surface	1	2	25.83	8.33	32.2	91.7	6.21	7.7	6.7
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:52:30	4.4	Middle	2	1	25.85	8.32	32.27	90.8	6.16	7.6	6
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:52:00	4.4	Middle	2	2	25.86	8.32	32.29	91.5	6.21	7.5	6.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:51:48	7.7	Bottom	3	1	25.88	8.32	32.43	90.7	6.15	7.8	7.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS5	12:52:20	7.7	Bottom	3	2	25.88	8.32	32.42	90.6	6.14	7.6	6.7
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)6	12:41:22	1.0	Surface	1	1	26.11	8.33	32.12	98.6	6.66	8.4	4.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)6	12:41:34	1.0	Surface	1	2	26.04	8.32	32.16	96.6	6.53	8.8	4.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)6	12:41:15	2.3	Bottom	3	1	26.04	8.33	32.11	99	6.7	8.7	5.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)6	12:41:28	2.3	Bottom	3	2	25.92	8.33	32.09	98.2	6.66	8.8	4.3
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS7	12:35:44	1.0	Surface	1	1	26.16	8.32	32.29	97.3	6.56	6.5	6.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS7	12:35:19	1.0	Surface	1	2	26.25	8.32	32.28	98.8	6.65	6.2	6.3
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS7	12:35:10	2.1	Bottom	3	1	26.06	8.33	32.38	98.4	6.65	6.5	6.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS7	12:35:35	2.1	Bottom	3	2	25.88	8.32	32.44	97.1	6.57	6.6	6.7
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS8	12:13:51	1.0	Surface	1	1	26.09	8.34	32.11	95.1	6.42	12.5	10.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS8	12:13:38	1.0	Surface	1	2	26.07	8.34	32.09	96.3	6.51	12.6	11.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS8	12:13:30	3.1	Bottom	3	1	26.07	8.34	32.09	95	6.43	13.1	10.4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS8	12:13:45	3.1	Bottom	3	2	26.06	8.34	32.13	94.5	6.39	12.4	11.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)9	12:28:41	1.0	Surface	1	1	26.18	8.34	32.27	92.9	6.26	6.6	6.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)9	12:28:52	1.0	Surface	1	2	26.18	8.34	32.27	92.6	6.24	6.5	5.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)9	12:28:29	2.6	Bottom	3	1	26.16	8.34	32.26	92.8	6.26	6.5	5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS(Mf)9	12:28:46	2.6	Bottom	3	2	26.18	8.34	32.26	92.6	6.24	6.6	4.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:18:30	1.0	Surface	1	1	23.22	8.08	30.06	97	6.98	4.8	4.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:17:57	1.0	Surface	1	2	23.23	8.07	30.15	96.8	6.96	4.8	5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:18:21	5.2	Middle	2	1	23.26	8.08	30.04	96.2	6.9	4.9	4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:17:46	5.2	Middle	2	2	23.19	8.07	30.13	96.2	6.9	5	4.4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:17:38	9.4	Bottom	3	1	23.19	8.07	30.17	95.7	6.82	5.3	5.4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	IS10	12:18:10	9.4	Bottom	3	2	23.28	8.07	31.39	95.8	6.88	5.2	4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR3	13:00:21	0.7	Middle	2	1	25.83	8.32	32.15	92.3	6.26	6.3	6
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR3	13:00:27	0.7	Middle	2	2	25.83	8.33	32.14	92.3	6.26	6.3	6.3
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR4	12:20:49	1.0	Surface	1	1	26.1	8.34	32.12	94.2	6.36	10.3	9.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR4	12:21:16	1.0	Surface	1	2	26.1	8.34	32.15	92.2	6.23	10.2	9.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR4	12:20:41	2.7	Bottom	3	1	26.1	8.34	32.12	92.4	6.24	10.5	10.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR4	12:21:09	2.7	Bottom	3	2	26.05	8.33	32.19	91.7	6.2	10.6	9.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR5	12:27:40	1.0	Surface	1	1	23.2	8.08	29.66	96	6.92	4.1	5.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR5	12:27:18	1.0	Surface	1	2	23.19	8.09	29.53	96.2	6.92	4.1	4.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR5	12:27:03	4.2	Bottom	3	1	23.2	8.08	29.84	95.1	6.83	4.1	5.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR5	12:27:25	4.2	Bottom	3	2	23.19	8.08	29.78	95.3	6.85	4.2	3.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:58	1.0	Surface	1	1	26.45	8.34	34.29	91.1	6.04	3.6	1.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:30	1.0	Surface	1	2	26.44	8.34	33.78	91.1	6.06	3.6	2.3
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:22	3.3	Middle	2	1	26.52	8.33	34.84	91.3	6.03	3.8	1.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:50	3.3	Middle	2	2	26.52	8.34	34.84	90.8	6	3.7	1.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:39	5.5	Bottom	3	1	26.5	8.33	35.15	90.2	5.95	3.6	2.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10A	11:11:13	5.5	Bottom	3	2	26.51	8.33	34.92	90.3	5.96	3.7	2.3
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10B	11:02:49	1.0	Surface	1	1	26.5	8.31	34.2	92.4	6.13	3.7	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	2015-11-02	Mid-Flood	Sunny	SR10B	11:02:31	1.0	Surface	1	2	26.51	8.3	33.5	92.7	6.17	3.8	3.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10B	11:02:41	4.2	Bottom	3	1	26.51	8.3	35.17	91	6	3.8	2.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	SR10B	11:02:25	4.2	Bottom	3	2	26.53	8.29	35.16	91.3	6.02	3.8	2.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:40:48	1.0	Surface	1	1	23.14	8.09	29.85	94.5	6.81	5.6	8.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:41:46	1.0	Surface	1	2	23.13	8.09	29.85	94.1	6.78	5.5	10
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:40:30	3.9	Middle	2	1	23.06	8.07	29.92	94.3	6.8	5.8	4.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:41:33	3.9	Middle	2	2	23.09	8.09	29.88	93.1	6.72	5.7	5.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:40:19	6.8	Bottom	3	1	23.03	8.06	30	93.7	6.76	6	5.9
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS2	13:41:21	6.8	Bottom	3	2	23.02	8.08	29.98	93.1	6.71	6.1	5.2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:41:55	1.0	Surface	1	1	26.39	8.38	33.09	90.4	6.04	4.7	6.8
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:42:25	1.0	Surface	1	2	26.46	8.38	33.04	89.8	6	4.5	5.1
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:41:42	6.3	Middle	2	1	26.63	8.37	35.63	88.9	5.84	5.4	3.4
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:42:17	6.3	Middle	2	2	26.63	8.37	35.64	89.4	5.87	5.4	2
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:42:07	11.6	Bottom	3	1	26.59	8.36	35.98	90.1	5.91	5.4	1.5
HKLR	HY/2011/03	2015-11-02	Mid-Flood	Sunny	CS(Mf)5	11:41:30	11.6	Bottom	3	2	26.7	8.36	36.13	89.4	5.85	5.5	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:46:41	1.0	Surface	1	1	25.82	8.12	28.45	88.3	6.12	2.5	4.8
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:47:06	1.0	Surface	1	2	25.88	8.13	28.37	87.8	6.07	2.5	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:46:28	4.6	Middle	2	1	26	8.12	29.65	87.2	5.96	2.6	3.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:47:00	4.6	Middle	2	2	25.97	8.12	29.67	87.7	6	2.7	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:46:52	8.1	Bottom	3	1	25.92	8.1	30.64	87.1	5.98	2.7	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS5	06:46:21	8.1	Bottom	3	2	25.99	8.1	30.6	86.7	5.95	2.8	2.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)6	06:39:07	1.0	Surface	1	1	25.65	8.08	27.37	93.6	6.53	2.5	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)6	06:39:15	1.0	Surface	1	2	25.69	8.08	27.41	93	6.45	2.5	3.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)6	06:39:02	2.5	Bottom	3	1	25.58	8.08	29.01	93.4	6.49	2.7	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)6	06:39:10	2.5	Bottom	3	2	25.57	8.08	29.06	91.9	6.42	2.6	2.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS7	06:32:26	1.0	Surface	1	1	25.85	8.06	27.29	89.6	6.25	2.5	3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS7	06:32:34	1.0	Surface	1	2	25.83	8.06	27.31	89.8	6.24	2.6	2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS7	06:32:22	2.3	Bottom	3	1	25.75	8.06	28.36	89.6	6.22	2.5	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS7	06:32:30	2.3	Bottom	3	2	25.75	8.06	28.37	89.3	6.23	2.7	2.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS8	06:11:54	1.0	Surface	1	1	25.57	8.06	27.73	89.9	6.29	2.3	3.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS8	06:11:45	1.0	Surface	1	2	25.57	8.06	27.71	90.5	6.32	2.2	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS8	06:11:37	2.3	Bottom	3	1	25.56	8.06	27.72	89.5	6.26	2.2	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS8	06:11:49	2.3	Bottom	3	2	25.56	8.06	27.73	89.9	6.29	2.3	3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)9	06:26:47	1.0	Surface	1	1	25.75	8.08	27.56	91.8	6.4	2.7	2.8
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)9	06:26:38	1.0	Surface	1	2	25.8	8.08	27.53	92.7	6.44	2.6	2.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)9	06:26:33	2.4	Bottom	3	1	25.83	8.07	28.39	92.4	6.43	2.7	3.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS(Mf)9	06:26:43	2.4	Bottom	3	2	25.75	8.08	28.45	91.5	6.35	2.7	2.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:40:50	1.0	Surface	1	1	22.8	8.14	30.48	96.5	6.93	3.2	2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:40:16	1.0	Surface	1	2	22.85	8.13	30.82	96.9	6.97	3.1	2.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:40:43	5.4	Middle	2	1	22.72	8.15	30.69	96.1	6.9	3.3	1.5
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:40:05	5.4	Middle	2	2	22.71	8.13	31.1	96.6	6.96	3.3	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:40:36	9.7	Bottom	3	1	22.82	8.13	32.51	95.5	6.85	3.4	2.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	IS10	06:39:59	9.7	Bottom	3	2	22.73	8.12	32.5	97	6.93	3.3	2.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR3	06:57:55	0.7	Middle	2	1	25.79	8.09	28.48	88.8	6.16	2.5	3.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR3	06:57:59	0.7	Middle	2	2	25.77	8.09	28.54	89	6.17	2.6	3.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR4	06:19:05	1.0	Surface	1	1	25.59	8.07	27.76	88.2	6.16	2.5	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR4	06:18:21	1.0	Surface	1	2	25.56	8.06	27.74	88.8	6.21	2.6	2.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR4	06:18:56	2.5	Bottom	3	1	25.72	8.06	27.91	88.2	6.14	2.7	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR4	06:18:10	2.5	Bottom	3	2	25.59	8.06	27.77	88	6.15	2.6	3.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR5	06:52:27	1.0	Surface	1	1	22.88	8.13	29.18	96.5	7.01	2.2	2.5
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR5	06:52:08	1.0	Surface	1	2	22.88	8.13	29.37	97.2	7.06	2.1	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR5	06:51:59	4.2	Bottom	3	1	22.86	8.13	29.78	97.2	7.04	2.1	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	2015-11-04	Mid-Ebb	Fine	SR5	06:52:19	4.2	Bottom	3	2	22.88	8.13	29.4	97	7.04	2.1	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:08:12	1.0	Surface	1	1	25.78	8.02	28.47	91	6.31	2.6	2.5
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:07:33	1.0	Surface	1	2	25.82	8.01	28.51	89.4	6.2	2.7	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:08:07	3.3	Middle	2	1	25.88	8.02	28.44	90.3	6.26	2.6	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:07:26	3.3	Middle	2	2	26.09	8.01	28.45	88.3	6.09	2.8	3.7
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:07:21	5.5	Bottom	3	1	26.16	8	29.39	87.5	6	3	4.5
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10A	05:07:59	5.5	Bottom	3	2	26.02	8.01	29.13	88.3	6.08	2.8	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10B	05:01:09	1.0	Surface	1	1	25.89	7.93	28.81	88.5	6.09	2.6	3.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10B	05:01:24	1.0	Surface	1	2	25.82	7.95	28.91	87.7	6.06	2.7	2.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10B	05:01:17	4.2	Bottom	3	1	25.83	7.93	29.18	87.6	6.05	2.7	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	SR10B	05:01:03	4.2	Bottom	3	2	25.85	7.91	29.83	88.1	6.08	2.7	2.1
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:06:29	1.0	Surface	1	1	22.89	8.14	27.18	96.6	7.1	2.1	3.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:07:01	1.0	Surface	1	2	22.89	8.14	26.84	97.4	7.17	2.2	3
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:06:48	4.0	Middle	2	1	22.79	8.14	27.15	96.5	7.11	2.4	3.6
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:06:17	4.0	Middle	2	2	22.76	8.14	27.38	96.5	7.1	2.3	3.9
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:06:06	6.9	Bottom	3	1	22.72	8.13	27.32	96.8	7.13	2.5	3.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS2	08:06:40	6.9	Bottom	3	2	22.81	8.14	27.25	97.4	7.17	2.4	3.5
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:59	1.0	Surface	1	1	25.75	8.06	28.44	87.2	6.05	2.7	2.4
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:22	1.0	Surface	1	2	25.87	8.06	28.37	88.7	6.15	2.6	2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:42	6.7	Middle	2	1	26.29	8.05	29.6	86	5.88	2.9	3.2
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:12	6.7	Middle	2	2	26.29	8.04	29.55	85.4	5.83	2.7	2.8
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:02	12.4	Bottom	3	1	26.24	8.03	29.74	84.8	5.79	3	2.8
HKLR	HY/2011/03	2015-11-04	Mid-Ebb	Fine	CS(Mf)5	05:35:34	12.4	Bottom	3	2	26.12	8.04	29.82	85	5.81	3	2.4
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:37:45	1.0	Surface	1	1	25.86	8.12	28.76	90.6	6.27	2.5	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:37:11	1.0	Surface	1	2	25.85	8.13	28.75	92	6.31	2.5	4.6
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:37:36	4.6	Middle	2	1	25.92	8.12	29.17	90.4	6.19	2.6	3.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:37:04	4.6	Middle	2	2	25.9	8.12	29.04	91.2	6.3	2.7	2.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:37:30	8.1	Bottom	3	1	25.94	8.11	30.24	88.8	6.12	2.7	4.5
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS5	13:36:58	8.1	Bottom	3	2	25.87	8.11	30.31	90.7	6.26	2.7	3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)6	13:44:45	1.0	Surface	1	1	25.88	8.11	29.11	95.9	6.62	1.8	1.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)6	13:44:55	1.0	Surface	1	2	25.91	8.11	29.05	95.9	6.61	2	1.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)6	13:44:41	2.4	Bottom	3	1	25.93	8.11	29.06	95.8	6.61	1.8	1.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)6	13:44:50	2.4	Bottom	3	2	25.93	8.11	29.08	95.8	6.6	2	2.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS7	13:51:47	1.0	Surface	1	1	25.89	8.11	29.12	95.8	6.61	2	1.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS7	13:51:54	1.0	Surface	1	2	25.9	8.11	29.1	95.7	6.6	2	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS7	13:51:50	2.4	Bottom	3	1	25.94	8.11	29.07	95.7	6.59	2.1	1.6
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS7	13:51:43	2.4	Bottom	3	2	25.93	8.11	29.08	95.6	6.59	2.1	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS8	14:15:03	1.0	Surface	1	1	26.42	8.1	29.62	96	6.56	4.3	8.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS8	14:15:19	1.0	Surface	1	2	26.18	8.1	29.8	91.8	6.27	4.3	6.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS8	14:14:51	2.4	Bottom	3	1	26.18	8.1	29.96	93.1	6.35	4.4	5.4
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS8	14:15:08	2.4	Bottom	3	2	26.25	8.1	29.83	91	6.22	4.5	5.5
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)9	14:03:09	1.0	Surface	1	1	26.25	8.09	29.54	88.7	6.07	8.6	8.6
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)9	14:02:45	1.0	Surface	1	2	26.2	8.09	29.62	88.6	6.06	8.5	7.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)9	14:02:49	2.5	Bottom	3	1	26.23	8.09	29.59	88.6	6.06	8.6	7.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS(Mf)9	14:02:41	2.5	Bottom	3	2	26.22	8.09	29.61	88.6	6.06	8.7	7.8
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:57:00	1.0	Surface	1	1	23.02	8.19	31.35	92.7	6.58	5.5	3.4
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:57:30	1.0	Surface	1	2	22.99	8.19	30.79	93.4	6.64	5.6	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:56:52	5.5	Middle	2	1	23.09	8.18	32.46	91.1	6.52	5.5	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:57:20	5.5	Middle	2	2	23.1	8.18	32.17	92.6	6.58	5.6	3.2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:57:12	10.0	Bottom	3	1	23.08	8.18	32.44	91.2	6.49	5.7	2.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	IS10	14:56:40	10.0	Bottom	3	2	23.09	8.17	32.71	90.9	6.46	5.6	2.5
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR3	13:29:22	0.8	Middle	2	1	25.88	8.16	27.18	95	6.63	2.3	3.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR3	13:29:18	0.8	Middle	2	2	25.88	8.16	27.1	94.8	6.61	2.3	3.6
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR4	14:08:39	1.0	Surface	1	1	26.19	8.09	29.83	88.6	6.05	8.2	6.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR4	14:08:31	1.0	Surface	1	2	26.19	8.09	29.77	89.6	6.13	8	7.4
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR4	14:08:24	2.4	Bottom	3	1	26.18	8.09	29.78	88.8	6.07	8.3	14.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR4	14:08:34	2.4	Bottom	3	2	26.19	8.09	29.84	88.4	6.04	8.3	13.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR5	14:47:01	1.0	Surface	1	1	22.97	8.19	31.67	96.1	6.87	3.7	3.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR5	14:46:47	1.0	Surface	1	2	22.98	8.19	31.71	95.6	6.83	3.8	2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR5	14:46:38	4.2	Bottom	3	1	23	8.19	31.96	95.8	6.83	3.8	4.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR5	14:46:53	4.2	Bottom	3	2	22.98	8.18	31.89	96.1	6.86	3.8	2.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:20:05	1.0	Surface	1	1	26.22	8.13	30	86.7	5.92	2.2	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:20:41	1.0	Surface	1	2	26.22	8.13	30	86.2	5.88	2	3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:19:55	3	Middle	2	1	26.3	8.12	30.44	86.7	5.9	2.2	3.1
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:20:31	3	Middle	2	2	26.32	8.12	30.47	86.2	5.85	2.2	2.5
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:19:50	5	Bottom	3	1	26.25	8.12	30.35	86.6	5.88	2.2	1.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10A	15:20:24	5	Bottom	3	2	26.32	8.12	30.55	85.8	5.83	2.2	1.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10B	15:28:34	1.0	Surface	1	1	26.2	8.13	29.91	87.2	5.96	2	2.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10B	15:28:04	1.0	Surface	1	2	26.25	8.13	29.89	87.6	5.98	2.1	1.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10B	15:27:52	3.8	Bottom	3	1	26.2	8.12	30.13	86.6	5.91	2.2	5.2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	SR10B	15:28:17	3.8	Bottom	3	2	26.3	8.12	30.45	87.2	5.92	2.2	4.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:31:58	1.0	Surface	1	1	23.27	8.23	31.8	100.6	7.18	2.1	1.7
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:32:26	1.0	Surface	1	2	23.09	8.23	31.83	99.9	7.13	2.1	2.5
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:31:45	4.0	Middle	2	1	22.82	8.23	31.95	100.5	7.18	2	2.2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:32:18	4.0	Middle	2	2	22.82	8.23	32.04	99.7	7.11	2.1	1.3
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:32:12	6.9	Bottom	3	1	22.85	8.22	32.41	98.9	7.07	2.1	1.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS2	13:31:28	6.9	Bottom	3	2	22.83	8.23	32.55	98.7	7.07	2.2	2.2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:51:51	1.0	Surface	1	1	26.28	8.14	29.85	89.7	6.12	2.4	2
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:51:08	1.0	Surface	1	2	26.27	8.13	29.87	87.7	5.99	2.3	1.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:50:53	6.7	Middle	2	1	26.41	8.12	30.95	86.9	5.88	2.5	1.6
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:51:32	6.7	Middle	2	2	26.42	8.12	31.01	87.3	5.91	2.6	1.9
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:50:43	12.3	Bottom	3	1	26.38	8.12	30.99	85.2	5.77	2.7	1.4
HKLR	HY/2011/03	2015-11-04	Mid-Flood	Fine	CS(Mf)5	14:51:23	12.3	Bottom	3	2	26.38	8.12	31.14	85.4	5.77	2.6	1.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:37:51	1.0	Surface	1	1	26.05	8.12	28.88	89.5	6.15	7.5	2.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:38:17	1.0	Surface	1	2	26.06	8.12	28.93	88.1	6.07	7.6	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:37:43	4.3	Middle	2	1	26.07	8.12	29.2	89.3	6.15	7.6	2.4
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:38:10	4.3	Middle	2	2	26.08	8.12	29.32	88.1	6.05	7.8	2.9
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:37:36	7.5	Bottom	3	1	26.07	8.11	29.44	89.3	6.13	7.7	2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS5	10:38:03	7.5	Bottom	3	2	26.07	8.11	29.43	88.7	6.09	7.7	2.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)6	10:26:20	1.0	Surface	1	1	26.07	8.1	28.67	93.3	6.43	5.5	4.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)6	10:26:05	1.0	Surface	1	2	26.08	8.1	28.67	94.9	6.54	5.6	3.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)6	10:26:13	2.3	Bottom	3	1	26.08	8.1	28.7	93	6.41	5.4	3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)6	10:25:58	2.3	Bottom	3	2	26.07	8.1	28.68	94.5	6.51	5.6	2.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS7	10:19:39	1.0	Surface	1	1	26.04	8.1	28.68	95.3	6.57	5.4	4.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS7	10:19:54	1.0	Surface	1	2	26.04	8.1	28.68	92.5	6.38	5.6	4.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS7	10:19:32	2.3	Bottom	3	1	26.04	8.11	28.7	93.9	6.48	5.5	5.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS7	10:19:46	2.3	Bottom	3	2	26.04	8.1	28.7	92.1	6.35	5.5	4.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS8	09:58:46	1.0	Surface	1	1	26.08	8.1	28.69	95	6.55	8.7	3.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS8	09:59:06	1.0	Surface	1	2	26.08	8.1	28.7	95.1	6.55	8.5	3.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS8	09:58:57	2.8	Bottom	3	1	26.09	8.1	28.76	94.5	6.51	8.6	2.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS8	09:58:37	2.8	Bottom	3	2	26.08	8.1	28.73	95.3	6.57	8.8	3.9
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)9	10:13:25	1.0	Surface	1	1	26.05	8.11	28.78	93.8	6.47	3.8	3.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)9	10:13:12	1.0	Surface	1	2	26.05	8.11	28.78	94.7	6.53	3.8	2.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)9	10:13:17	2.6	Bottom	3	1	26.05	8.11	28.79	93.3	6.43	3.8	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	2015-11-06	Mid-Ebb	Cloudy	IS(Mf)9	10:13:06	2.6	Bottom	3	2	26.05	8.11	28.79	92.6	6.38	3.8	3.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:47:04	1.0	Surface	1	1	22.94	8.18	29.4	97.8	7.09	3.3	2.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:47:37	1.0	Surface	1	2	22.94	8.18	29.53	97.8	7.09	3.4	2.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:47:24	5.3	Middle	2	1	22.94	8.18	29.32	97.4	7.06	3.5	2.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:46:48	5.3	Middle	2	2	22.94	8.17	29.45	97	7.03	3.5	3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:47:18	9.6	Bottom	3	1	22.94	8.18	29.32	98	7.11	3.6	2.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	IS10	09:46:41	9.6	Bottom	3	2	22.94	8.17	29.61	97.3	7.05	3.6	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR3	10:46:05	0.8	Middle	2	1	26.07	8.12	28.8	90.5	6.23	2.6	1.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR3	10:46:01	0.8	Middle	2	2	26.06	8.12	28.8	90.5	6.23	2.6	1.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR4	10:04:54	1.0	Surface	1	1	26.08	8.1	28.7	91.4	6.3	10.4	3.4
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR4	10:04:28	1.0	Surface	1	2	26.08	8.1	28.7	91	6.27	10.5	3.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR4	10:04:42	2.7	Bottom	3	1	26.08	8.1	28.73	92	6.34	10.6	3.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR4	10:04:17	2.7	Bottom	3	2	26.08	8.1	28.75	91	6.27	10.7	4
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR5	09:57:08	1.0	Surface	1	1	22.95	8.17	29.88	97.7	7.06	3	1.3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR5	09:57:33	1.0	Surface	1	2	22.95	8.18	29.22	97.5	7.07	3.3	1.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR5	09:57:21	3.7	Bottom	3	1	22.95	8.17	29.44	98.4	7.13	3.2	1.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR5	09:57:01	3.7	Bottom	3	2	22.95	8.16	29.85	98.5	7.12	3.1	1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:55	1.0	Surface	1	1	26.29	8.09	29.92	86.6	5.91	1.7	0.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:31	1.0	Surface	1	2	26.29	8.09	29.96	86.9	5.92	1.7	0.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:47	3.3	Middle	2	1	26.29	8.09	29.97	86.6	5.9	1.8	1.4
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:27	3.3	Middle	2	2	26.29	8.09	29.97	86.6	5.9	1.8	1.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:18	5.6	Bottom	3	1	26.29	8.08	29.98	86.4	5.89	1.8	0.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10A	08:31:38	5.6	Bottom	3	2	26.29	8.09	29.97	86.5	5.9	1.8	1.4
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10B	08:23:09	1.0	Surface	1	1	26.29	8.06	30.01	86.8	5.92	1.6	1.2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10B	08:22:51	1.0	Surface	1	2	26.29	8.05	30.1	86.9	5.92	1.6	1.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10B	08:22:42	3.9	Bottom	3	1	26.29	8.04	30.19	86.8	5.91	1.7	1.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	SR10B	08:22:57	3.9	Bottom	3	2	26.29	8.05	30.1	86.8	5.92	1.6	1.9
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:17:13	1.0	Surface	1	1	23.3	8.15	24.28	99	7.35	2.8	1.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:17:54	1.0	Surface	1	2	23.3	8.15	24.18	98	7.27	3.1	1.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:17:38	3.9	Middle	2	1	23.27	8.16	24.94	97.5	7.21	3	1.6
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:17:01	3.9	Middle	2	2	23.31	8.15	24.79	98.1	7.26	3	1.5
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:16:49	6.7	Bottom	3	1	23.26	8.15	25.35	97.7	7.21	3.1	2
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS2	11:17:29	6.7	Bottom	3	2	23.1	8.15	25.68	97	7.16	3.3	2.1
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:07:48	1.0	Surface	1	1	26.11	8.06	29.14	88.8	6.1	2.1	1.8
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:07:10	1.0	Surface	1	2	26.13	8.05	29.12	88.7	6.09	2.1	1.9
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:07:00	6.2	Middle	2	1	26.25	8.04	29.37	86.4	5.92	2.2	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:07:36	6.2	Middle	2	2	26.26	8.06	29.42	87.1	5.94	2.2	2.5
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:06:46	11.4	Bottom	3	1	26.32	8.02	30.17	86.2	5.87	2.2	2.7
HKLR	HY/2011/03	2015-11-06	Mid-Ebb	Cloudy	CS(Mf)5	09:07:22	11.4	Bottom	3	2	26.27	8.04	29.88	86.2	5.9	2.2	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:01:16	1.0	Surface	1	1	26.32	8.14	30.1	93.5	6.36	5.6	6.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:00:49	1.0	Surface	1	2	26.31	8.15	30.07	93	6.33	5.6	6.8
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:00:40	4.4	Middle	2	1	26.28	8.15	30.2	92.9	6.33	5.6	5.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:01:07	4.4	Middle	2	2	26.29	8.14	30.25	93.1	6.34	5.6	7.2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:00:34	7.8	Bottom	3	1	26.3	8.15	30.14	92.6	6.31	5.5	5.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS5	15:00:59	7.8	Bottom	3	2	26.3	8.14	30.23	92.9	6.32	5.6	6.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)6	15:07:50	1.0	Surface	1	1	26.23	8.13	30.46	95.7	6.51	5.8	4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)6	15:07:30	1.0	Surface	1	2	26.22	8.14	30.43	96.2	6.55	5.8	4.2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)6	15:07:21	2.2	Bottom	3	1	26.22	8.14	30.46	95.6	6.51	5.7	3.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)6	15:07:42	2.2	Bottom	3	2	26.23	8.13	30.51	95	6.47	5.8	3.8
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS7	15:13:33	1.0	Surface	1	1	26.38	8.13	30.27	98.7	6.71	8.6	5.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS7	15:13:22	1.0	Surface	1	2	26.38	8.13	30.25	97.8	6.65	8.5	5.4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS7	15:13:27	2.2	Bottom	3	1	26.38	8.13	30.27	97.7	6.64	8.6	7.1

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	2015-11-06	Mid-Flood	Cloudy	IS7	15:13:15	2.2	Bottom	3	2	26.38	8.13	30.24	97	6.6	8.7	6.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS8	15:35:58	1.0	Surface	1	1	26.34	8.11	30.26	90.4	6.15	14.2	14.7
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS8	15:36:12	1.0	Surface	1	2	26.33	8.11	30.26	90.3	6.14	14.3	15.7
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS8	15:35:52	3.0	Bottom	3	1	26.34	8.11	30.27	90.4	6.15	14.5	15
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS8	15:36:04	3.0	Bottom	3	2	26.34	8.11	30.28	90.3	6.14	14.1	16.1
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)9	15:20:49	1.0	Surface	1	1	26.25	8.11	30.31	91.9	6.25	19.9	20.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)9	15:21:06	1.0	Surface	1	2	26.25	8.11	30.3	93.2	6.34	19.6	20.4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)9	15:20:42	2.6	Bottom	3	1	26.25	8.11	30.31	91.6	6.23	20.1	20.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS(Mf)9	15:20:59	2.6	Bottom	3	2	26.26	8.11	30.31	91.7	6.24	20.2	20.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:05:00	1.0	Surface	1	1	23.31	8.22	22.97	101.3	7.57	4.8	1.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:04:20	1.0	Surface	1	2	23.3	8.22	23.15	100.9	7.53	4.5	1.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:04:06	5.3	Middle	2	1	23.11	8.21	23.87	98.4	7.34	5.5	1.1
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:04:43	5.3	Middle	2	2	23.12	8.21	23.7	99.2	7.41	6	1.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:04:38	9.6	Bottom	3	1	23.11	8.21	23.75	100.3	7.48	5.9	1.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	IS10	16:03:58	9.6	Bottom	3	2	23.08	8.2	24.06	99.6	7.43	6.3	1.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR3	14:51:14	0.8	Middle	2	1	26.34	8.19	28.96	95.5	6.54	6.2	6.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR3	14:51:20	0.8	Middle	2	2	26.34	8.19	29.07	95.5	6.54	6.1	6.1
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR4	15:29:59	1.0	Surface	1	1	26.33	8.11	30.27	90.8	6.18	10.5	9.8
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR4	15:29:46	1.0	Surface	1	2	26.33	8.11	30.28	90.7	6.17	10.7	9.7
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR4	15:29:51	2.8	Bottom	3	1	26.33	8.11	30.29	90.5	6.15	10.8	11.7
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR4	15:29:38	2.8	Bottom	3	2	26.33	8.11	30.29	90.6	6.16	10.6	12.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR5	15:57:21	1.0	Surface	1	1	23.3	8.22	23.57	103.5	7.71	3.1	1.2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR5	15:57:02	1.0	Surface	1	2	23.3	8.22	23.86	104.2	7.75	3.1	1.1
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR5	15:56:52	3.7	Bottom	3	1	23.24	8.22	24.48	103	7.64	3.3	1.5
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR5	15:57:10	3.7	Bottom	3	2	23.28	8.22	23.9	104.6	7.78	3.1	1.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:02:19	1.0	Surface	1	1	26.35	8.14	30.97	87.7	5.94	2.8	2.8
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:01:43	1.0	Surface	1	2	26.34	8.15	30.59	90.2	6.12	2.9	2.4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:02:10	3.3	Middle	2	1	26.36	8.14	30.96	86.9	5.88	3.2	3.7
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:01:37	3.3	Middle	2	2	26.35	8.15	30.73	89.4	6.06	3.1	3.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:01:59	5.5	Bottom	3	1	26.35	8.14	30.89	86.6	5.87	3.3	2.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10A	17:01:28	5.5	Bottom	3	2	26.35	8.15	30.73	87.3	5.92	3.2	2.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10B	17:12:22	1.0	Surface	1	1	26.36	8.14	31.05	85.3	5.78	4.3	2.2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10B	17:12:41	1.0	Surface	1	2	26.36	8.14	31.06	84.8	5.74	4.6	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10B	17:12:29	4.4	Bottom	3	1	26.36	8.14	31.08	84.8	5.74	4.4	2.1
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	SR10B	17:12:10	4.4	Bottom	3	2	26.36	8.14	31.06	84.8	5.74	4.5	3.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:40:32	1.0	Surface	1	1	23.53	8.24	30.61	102.7	7.32	2.9	3.4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:39:36	1.0	Surface	1	2	23.51	8.29	31.13	101.1	7.18	3.1	2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:40:06	3.8	Middle	2	1	23.3	8.25	31.61	99.5	7.07	5	2.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:39:23	3.8	Middle	2	2	23.28	8.32	31.8	99.6	7.08	4.6	2.8
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:39:14	6.6	Bottom	3	1	23.17	8.35	32.34	99.7	7.07	4.4	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS2	14:39:58	6.6	Bottom	3	2	23.19	8.26	32.1	99.4	7.06	4.6	3.4
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:17:25	1.0	Surface	1	1	26.3	8.12	30.48	90.7	6.16	7.4	2.2
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:16:51	1.0	Surface	1	2	26.3	8.12	30.49	89.5	6.08	7.7	2.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:16:43	6.3	Middle	2	1	26.33	8.11	30.87	87.6	5.94	7.6	2.9
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:17:17	6.3	Middle	2	2	26.31	8.12	30.77	88.7	6.02	7.7	2.6
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:17:05	11.5	Bottom	3	1	26.32	8.12	30.83	87.3	5.92	7.8	4.3
HKLR	HY/2011/03	2015-11-06	Mid-Flood	Cloudy	CS(Mf)5	16:16:35	11.5	Bottom	3	2	26.33	8.11	30.93	85.8	5.81	7.8	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS5	12:37:26	1.0	Surface	1	1	26.82	8.11	28.27	89.1	6.08	7.2	6.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS5	12:36:59	1.0	Surface	1	2	26.83	8.11	28.24	89.4	6.1	7	6.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS5	12:36:48	4.2	Middle	2	1	26.82	8.11	28.25	89.2	6.08	7.3	6.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS5	12:37:16	4.2	Middle	2	2	26.81	8.11	28.28	89.1	6.08	7.1	6.1
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS5	12:36:42	7.3	Bottom	3	1	26.82	8.11	28.24	89.3	6.1	7.4	6.2

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	2015-11-09	Mid-Ebb	Cloudy	IS5	12:37:09	7.3	Bottom	3	2	26.81	8.11	28.26	89.2	6.08	7.2	5.7
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)6	12:24:02	1.0	Surface	1	1	26.82	8.12	28.07	93	6.35	4.4	3.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)6	12:23:45	1.0	Surface	1	2	26.77	8.12	28.12	93.4	6.38	4.4	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)6	12:23:54	2.2	Bottom	3	1	26.72	8.11	28.48	92.9	6.34	5.4	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)6	12:23:37	2.2	Bottom	3	2	26.73	8.11	28.43	93	6.35	5.4	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS7	12:18:04	1.0	Surface	1	1	27.06	8.12	27.84	97.2	6.62	3.8	1
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS7	12:18:22	1.0	Surface	1	2	27	8.12	27.89	96.2	6.56	3.5	0.7
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS7	12:18:12	2.2	Bottom	3	1	26.77	8.11	28.38	95.9	6.54	5.5	0.7
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS7	12:17:54	2.2	Bottom	3	2	26.91	8.11	28.14	95.2	6.49	5.8	1.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS8	11:55:02	1.0	Surface	1	1	26.96	8.12	27.53	93.1	6.36	4	4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS8	11:55:17	1.0	Surface	1	2	26.85	8.12	27.79	92.6	6.33	3.6	3.1
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS8	11:55:08	2.9	Bottom	3	1	26.88	8.11	27.94	92.8	6.34	5.7	4.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS8	11:54:54	2.9	Bottom	3	2	26.8	8.12	27.95	92.8	6.35	5.6	4.1
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)9	12:11:16	1.0	Surface	1	1	26.81	8.12	28.07	96	6.55	3	0.9
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)9	12:11:31	1.0	Surface	1	2	26.86	8.12	28.02	95.6	6.53	3.1	1.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)9	12:11:08	2.6	Bottom	3	1	26.68	8.12	28.27	95.4	6.52	3.2	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS(Mf)9	12:11:22	2.6	Bottom	3	2	26.72	8.12	28.25	94.9	6.49	3	2.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:43:50	1.0	Surface	1	1	24.22	8.1	28.11	93.8	6.69	3.5	1.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:44:28	1.0	Surface	1	2	24.08	8.1	27.98	93.4	6.69	3.5	1.9
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:44:18	5.3	Middle	2	1	23.39	8.08	30.93	92.2	6.57	3.7	1.1
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:43:37	5.3	Middle	2	2	23.41	8.08	30.91	93.6	6.67	3.6	0.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:44:10	9.6	Bottom	3	1	23.4	8.08	30.99	91.2	6.5	3.8	1.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	IS10	11:43:28	9.6	Bottom	3	2	23.56	8.08	30.97	91.8	6.54	3.8	2.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR3	12:51:17	0.8	Middle	2	1	26.84	8.11	28.27	89	6.07	7.2	7.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR3	12:51:10	0.8	Middle	2	2	26.84	8.11	28.27	89	6.07	7.1	7.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR4	12:04:26	1.0	Surface	1	1	26.82	8.12	27.97	92	6.29	5	5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR4	12:04:12	1.0	Surface	1	2	26.83	8.11	28	91.7	6.26	5.2	4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR4	12:04:03	2.6	Bottom	3	1	26.78	8.11	28.31	91.7	6.26	5.9	3.8
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR4	12:04:20	2.6	Bottom	3	2	26.78	8.11	28.3	91.7	6.26	6.1	3.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR5	11:51:41	1.0	Surface	1	1	24.35	8.08	27.57	97.4	6.96	2.9	2.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR5	11:51:53	1.0	Surface	1	2	24.02	8.09	28.09	97.1	6.96	2.8	3.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR5	11:51:31	4.4	Bottom	3	1	24.18	8.08	28.01	96.5	6.9	2.9	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR5	11:51:47	4.4	Bottom	3	2	24.15	8.08	28.03	96.7	6.92	2.8	2.9
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:40:20	1.0	Surface	1	1	26.54	8.09	30.13	84.1	5.7	3.3	3.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:39:38	1.0	Surface	1	2	26.56	8.09	30.09	84.1	5.7	3.6	3.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:39:25	3.4	Middle	2	1	26.51	8.09	30.27	83.7	5.67	3.6	2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:40:05	3.4	Middle	2	2	26.53	8.09	30.21	85.1	5.77	3.3	2.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:39:57	5.7	Bottom	3	1	26.52	8.09	30.3	83.7	5.67	3	4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10A	10:39:15	5.7	Bottom	3	2	26.51	8.09	30.3	83.4	5.66	3.3	5.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10B	10:23:58	1.0	Surface	1	1	26.61	8.08	30.16	84.8	5.74	3	4.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10B	10:23:38	1.0	Surface	1	2	26.62	8.07	30.22	85.6	5.8	3	4.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10B	10:23:46	4.2	Bottom	3	1	26.54	8.07	30.6	84.9	5.75	3.1	3.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	SR10B	10:23:28	4.2	Bottom	3	2	26.58	8.07	30.45	85.4	5.78	2.8	3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:07:50	1.0	Surface	1	1	23.59	8.13	28.35	94.6	6.79	7.5	1.9
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:07:18	1.0	Surface	1	2	23.51	8.13	28.55	94.3	6.76	7.6	2.6
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:07:40	3.9	Middle	2	1	23.37	8.12	30.66	94.2	6.73	7.5	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:07:07	3.9	Middle	2	2	23.35	8.11	31.01	93.8	6.71	7.8	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:07:31	6.7	Bottom	3	1	23.36	8.11	31.26	93	6.64	7.8	2.5
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS2	13:06:47	6.7	Bottom	3	2	23.34	8.1	31.3	92.3	6.58	7.8	2.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:19:14	1.0	Surface	1	1	26.85	8.12	28.42	91.1	6.21	1.8	1.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:19:50	1.0	Surface	1	2	26.79	8.12	28.48	94.1	6.41	2	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:19:33	6.8	Middle	2	1	26.57	8.11	29.89	86.8	5.9	3.1	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	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:18:52	6.8	Middle	2	2	26.53	8.11	30.11	86.3	5.85	3.3	2.8
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:19:22	12.5	Bottom	3	1	26.68	8.11	29.94	89.5	6.06	2.5	3.3
HKLR	HY/2011/03	2015-11-09	Mid-Ebb	Cloudy	CS(Mf)5	11:18:45	12.5	Bottom	3	2	26.61	8.11	30.04	88.2	5.98	2.6	2.6
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:27:42	1.0	Surface	1	1	27.13	8.18	30.18	90	6.04	7.9	4.7
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:28:09	1.0	Surface	1	2	27.09	8.17	30.24	89.8	6.03	7.8	4.3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:28:00	4.2	Middle	2	1	26.94	8.17	30.33	89.2	6	9	5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:27:29	4.2	Middle	2	2	27.03	8.18	30.2	89.6	6.02	8.9	4.4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:27:22	7.3	Bottom	3	1	27.05	8.19	30.15	89.8	6.04	8.8	7.3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS5	16:27:54	7.3	Bottom	3	2	26.97	8.17	30.3	89.7	6.03	8	6.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)6	16:38:43	1.0	Surface	1	1	27.66	8.15	29.65	94.7	6.32	3	2.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)6	16:38:05	1.0	Surface	1	2	27.75	8.16	29.64	99.8	6.65	3.1	4.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)6	16:37:54	2.3	Bottom	3	1	27.27	8.16	29.92	97	6.5	3.7	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)6	16:38:33	2.3	Bottom	3	2	27.11	8.15	30.02	92.9	6.25	4	3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS7	16:45:10	1.0	Surface	1	1	27.48	8.15	29.36	102.4	6.87	5.9	4.3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS7	16:45:36	1.0	Surface	1	2	27.38	8.15	29.53	98.3	6.6	5.6	3.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS7	16:45:18	2.3	Bottom	3	1	27.22	8.15	29.76	99	6.65	9	3.5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS7	16:44:57	2.3	Bottom	3	2	27.26	8.15	29.71	101.1	6.79	9.1	2.6
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS8	17:11:56	1.0	Surface	1	1	27.17	8.13	28.64	93.3	6.32	7.9	8.3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS8	17:12:22	1.0	Surface	1	2	27.15	8.13	28.67	92.9	6.29	6.9	9.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS8	17:12:12	2.5	Bottom	3	1	27.07	8.13	29.04	92.8	6.28	8.7	9.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS8	17:11:46	2.5	Bottom	3	2	27.16	8.13	28.78	93.2	6.31	8.1	9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)9	16:52:20	1.0	Surface	1	1	27.26	8.15	29.33	97.2	6.55	4	4.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)9	16:52:03	1.0	Surface	1	2	27.2	8.15	29.39	96.4	6.5	4.5	4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)9	16:51:55	2.4	Bottom	3	1	27.1	8.15	29.5	96	6.48	5	3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS(Mf)9	16:52:10	2.4	Bottom	3	2	27.15	8.15	29.45	96.7	6.51	4.8	2.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:27:47	1.0	Surface	1	1	23.94	8.12	28.05	95.5	6.81	9.5	2.8
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:27:17	1.0	Surface	1	2	23.96	8.11	28.04	95.8	6.82	9.6	1.4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:27:37	5.4	Middle	2	1	23.52	8.1	30	95	6.79	9.8	4.2
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:27:08	5.4	Middle	2	2	23.53	8.09	29.94	95	6.8	9.8	2.4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:27:29	9.8	Bottom	3	1	23.6	8.09	30.85	94	6.72	9.8	3.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	IS10	17:26:59	9.8	Bottom	3	2	23.68	8.09	30.78	94	6.72	9.7	2.8
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR3	16:13:55	0.9	Middle	2	1	27.1	8.29	29.26	91.8	6.2	6.7	5.8
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR3	16:14:06	0.9	Middle	2	2	27.1	8.27	29.45	91.1	6.14	6.8	5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR4	17:01:37	1.0	Surface	1	1	27.15	8.14	28.72	94.3	6.38	9.7	11.5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR4	17:01:18	1.0	Surface	1	2	27.14	8.14	28.73	95.7	6.48	9.2	10
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR4	17:01:29	2.6	Bottom	3	1	27.1	8.13	28.95	94.1	6.37	9.3	8.5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR4	17:01:10	2.6	Bottom	3	2	27.14	8.13	28.85	95.3	6.44	9.4	8.7
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR5	17:17:22	1.0	Surface	1	1	24.06	8.1	28	99.8	7.15	2.1	2.6
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR5	17:17:06	1.0	Surface	1	2	23.96	8.1	28.24	99.5	7.13	2	1.8
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR5	17:17:14	4.1	Bottom	3	1	24.07	8.1	28.15	99.7	7.14	2	2.2
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR5	17:17:00	4.1	Bottom	3	2	23.92	8.09	28.62	99.8	7.14	2	3.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:31:58	1.0	Surface	1	1	26.53	8.12	31.23	82.3	5.55	9.8	11.2
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:31:18	1.0	Surface	1	2	26.55	8.12	31.17	82.6	5.57	10	11.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:31:48	3.4	Middle	2	1	26.53	8.12	31.26	82.1	5.54	11.3	11.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:31:00	3.4	Middle	2	2	26.52	8.12	31.31	82.1	5.53	12	13.6
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:31:35	5.8	Bottom	3	1	26.53	8.12	31.28	82.1	5.54	11.2	14.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10A	18:30:52	5.8	Bottom	3	2	26.53	8.12	31.3	82.2	5.54	11	13.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10B	18:43:31	1.0	Surface	1	1	26.53	8.12	31.2	82.3	5.55	10.6	13.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10B	18:43:51	1.0	Surface	1	2	26.53	8.12	31.2	82.3	5.55	10.9	13
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10B	18:43:19	4.3	Bottom	3	1	26.53	8.12	31.23	82	5.53	10.8	14.3
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	SR10B	18:43:40	4.3	Bottom	3	2	26.53	8.12	31.22	81.9	5.52	10.9	13.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS2	16:01:32	1.0	Surface	1	1	23.97	8.14	28.43	97	6.95	4.4	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	2015-11-09	Mid-Flood	Cloudy	CS2	16:01:00	1.0	Surface	1	2	23.96	8.18	28.6	96.6	6.91	4.4	2.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS2	16:01:21	4.0	Middle	2	1	23.79	8.16	28.74	96.1	6.83	4.4	3.2
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS2	16:00:48	4.0	Middle	2	2	23.76	8.21	29.04	96.3	6.85	4.5	3.1
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS2	16:00:32	6.9	Bottom	3	1	23.46	8.27	31.01	94.5	6.76	4.4	2.5
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS2	16:01:12	6.9	Bottom	3	2	23.57	8.15	30.77	95	6.81	4.5	3.4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:54:05	1.0	Surface	1	1	27.11	8.15	28.07	95.3	6.48	2.3	4.9
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:54:46	1.0	Surface	1	2	27.13	8.14	28.04	94.1	6.39	2.5	5.6
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:53:49	6.7	Middle	2	1	26.68	8.13	29.81	90.5	6.13	2.8	4
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:54:25	6.7	Middle	2	2	26.69	8.13	29.6	90	6.11	2.9	4.7
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:53:43	12.3	Bottom	3	1	26.74	8.12	30	91.5	6.19	2.7	3.2
HKLR	HY/2011/03	2015-11-09	Mid-Flood	Cloudy	CS(Mf)5	17:54:16	12.3	Bottom	3	2	26.78	8.12	30.16	91.6	6.18	3	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:08:08	1.0	Surface	1	1	26.16	8.13	28.04	87.9	6.07	6.2	5.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:07:37	1.0	Surface	1	2	26.16	8.14	28.05	88.3	6.09	6.1	6.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:07:56	4.6	Middle	2	1	26.17	8.13	28.11	87.8	6.06	6.2	6.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:07:31	4.6	Middle	2	2	26.17	8.14	28.1	88.2	6.09	6.2	5.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:07:48	8.2	Bottom	3	1	26.16	8.13	28.12	87.8	6.06	6.5	6.1
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS5	11:07:25	8.2	Bottom	3	2	26.17	8.14	28.12	88.1	6.08	6.4	6.2
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)6	11:17:31	1.0	Surface	1	1	26.08	8.13	27.97	94.7	6.55	5.6	5.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)6	11:17:38	1.0	Surface	1	2	26.08	8.13	27.99	93.4	6.46	5.5	6.4
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)6	11:17:27	2.7	Bottom	3	1	26.08	8.13	27.97	93.6	6.48	5.6	6.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)6	11:17:34	2.7	Bottom	3	2	26.08	8.13	27.98	92.9	6.43	5.5	6.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS7	11:22:39	1.0	Surface	1	1	26.08	8.13	28.04	96.1	6.65	5	5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS7	11:22:29	1.0	Surface	1	2	26.08	8.13	28.04	95	6.57	5	6.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS7	11:22:32	2.5	Bottom	3	1	26.08	8.13	28.04	95.4	6.6	5	5.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS7	11:22:24	2.5	Bottom	3	2	26.08	8.13	28.04	94.8	6.56	5.1	5.9
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS8	11:43:23	1.0	Surface	1	1	26.22	8.11	28.27	90.1	6.21	5	5.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS8	11:43:14	1.0	Surface	1	2	26.22	8.11	28.29	89.8	6.19	5	5.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS8	11:43:17	2.4	Bottom	3	1	26.22	8.11	28.27	89.8	6.19	5.1	5.5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS8	11:43:10	2.4	Bottom	3	2	26.22	8.11	28.27	89.8	6.19	5	5.9
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)9	11:30:37	1.0	Surface	1	1	26.08	8.12	27.9	91.9	6.36	5.7	6.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)9	11:30:29	1.0	Surface	1	2	26.08	8.13	27.88	92.2	6.39	5.9	6.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)9	11:30:32	2.5	Bottom	3	1	26.08	8.12	27.89	91.8	6.35	5.8	5.4
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS(Mf)9	11:30:25	2.5	Bottom	3	2	26.08	8.13	27.85	91.9	6.36	6	5.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:27:53	1.0	Surface	1	1	23.13	8.16	27.19	92	6.73	4.2	4.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:28:23	1.0	Surface	1	2	23.13	8.16	27.42	92.4	6.76	4.3	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:27:44	5.2	Middle	2	1	23.11	8.16	27.27	91.3	6.68	4.5	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:28:14	5.2	Middle	2	2	23.11	8.16	27.15	91.3	6.67	4.4	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:28:04	9.4	Bottom	3	1	23.11	8.16	27.26	91	6.66	4.7	4.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	IS10	12:27:32	9.4	Bottom	3	2	23.11	8.15	27.43	90.9	6.65	4.7	4.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR3	11:00:49	0.8	Middle	2	1	26.14	8.17	27.69	90.8	6.29	6.3	4.9
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR3	11:00:52	0.8	Middle	2	2	26.15	8.17	27.71	90.6	6.27	6.1	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR4	11:37:40	1.0	Surface	1	1	26.23	8.11	28.21	93.4	6.44	4.9	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR4	11:37:48	1.0	Surface	1	2	26.22	8.11	28.24	90	6.2	4.8	5.2
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR4	11:37:44	2.3	Bottom	3	1	26.23	8.11	28.21	89.9	6.2	4.8	5.2
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR4	11:37:27	2.3	Bottom	3	2	26.22	8.11	28.23	90.6	6.25	5	4.5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR5	12:17:51	1.0	Surface	1	1	23.13	8.16	27.85	94.9	6.8	4.8	5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR5	12:17:25	1.0	Surface	1	2	23.13	8.16	28.42	93.2	6.79	4.7	4.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR5	12:17:36	3.9	Bottom	3	1	23.12	8.16	28.15	93	6.73	5	5.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR5	12:17:14	3.9	Bottom	3	2	23.12	8.16	28.89	94.3	6.78	5	5.1
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10A	12:49:27	1.0	Surface	1	1	26.49	8.11	29.67	87.9	5.98	4.4	5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10A	12:50:30	1.0	Surface	1	2	26.47	8.11	29.73	87.6	5.96	4.5	5.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10A	12:50:24	3.1	Middle	2	1	26.45	8.11	29.81	87.4	5.95	4.6	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	2015-11-11	Mid-Ebb	Fine	SR10A	12:49:20	3.1	Middle	2	2	26.46	8.11	29.77	86.4	5.88	4.5	3.5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10A	12:49:13	5.2	Bottom	3	1	26.47	8.11	29.82	86.2	5.86	4.7	3.7
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10A	12:50:03	5.2	Bottom	3	2	26.44	8.11	29.89	85.9	5.85	4.7	3.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10B	13:05:05	1.0	Surface	1	1	26.51	8.11	29.65	88.7	6.03	4.2	3.3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10B	13:04:38	1.0	Surface	1	2	26.48	8.11	29.71	88.4	6.02	4.2	3.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10B	13:04:45	3.6	Bottom	3	1	26.48	8.11	29.8	86.7	5.9	4.6	3.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	SR10B	13:04:31	3.6	Bottom	3	2	26.49	8.11	29.75	88	5.99	4.4	3.5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:02:30	1.0	Surface	1	1	23.04	8.27	31.9	95	6.77	3.8	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:03:12	1.0	Surface	1	2	23.04	8.22	31.86	95.8	6.81	3.9	3.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:02:58	4.0	Middle	2	1	23.04	8.23	32.12	94.4	6.73	4	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:02:19	4.0	Middle	2	2	23.04	8.29	32.37	94.1	6.7	4.1	3.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:02:06	6.9	Bottom	3	1	23.04	8.34	32.51	93.4	6.65	4.3	3.5
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS2	11:02:47	6.9	Bottom	3	2	23.04	8.24	32.33	93	6.62	4.2	3.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:19:35	1.0	Surface	1	1	26.5	8.12	29.57	86.1	5.86	4.3	3.6
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:18:11	1.0	Surface	1	2	26.49	8.12	29.52	88.7	6.04	4.4	3.2
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:17:54	6.6	Middle	2	1	26.4	8.11	29.93	85.6	5.82	4.4	2.8
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:19:12	6.6	Middle	2	2	26.42	8.11	29.93	85.2	5.8	4.5	2.9
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:17:44	12.1	Bottom	3	1	26.4	8.11	30.01	83	5.65	4.7	3
HKLR	HY/2011/03	2015-11-11	Mid-Ebb	Fine	CS(Mf)5	12:18:30	12.1	Bottom	3	2	26.4	8.11	30.1	83	5.65	4.6	3.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:08:32	1.0	Surface	1	1	26.14	8.11	27.81	88.5	6.12	5	4.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:09:09	1.0	Surface	1	2	26.11	8.11	27.8	88.2	6.11	5	3.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:08:22	4.6	Middle	2	1	26.22	8.11	28.08	88.5	6.1	5	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:08:57	4.6	Middle	2	2	26.22	8.11	28.14	87.8	6.05	5.1	4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:08:16	8.1	Bottom	3	1	26.2	8.1	28.21	88	6.07	5.3	4.2
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS5	07:08:51	8.1	Bottom	3	2	26.22	8.1	28.32	87.5	6.03	5.3	4.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)6	07:01:11	1.0	Surface	1	1	26.14	8.11	27.76	94.1	6.52	7	7.3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)6	07:01:33	1.0	Surface	1	2	26.11	8.11	27.8	91.1	6.3	6.9	5.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)6	07:01:05	2.2	Bottom	3	1	26.14	8.11	27.76	92.1	6.37	7.1	7.1
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)6	07:01:14	2.2	Bottom	3	2	26.14	8.11	27.77	90.8	6.29	7	5.8
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS7	06:54:01	1.0	Surface	1	1	26.1	8.11	27.87	95.2	6.59	9.6	10.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS7	06:53:45	1.0	Surface	1	2	26.1	8.11	27.86	93.6	6.48	9.6	11.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS7	06:53:55	2.3	Bottom	3	1	26.1	8.11	27.87	94	6.51	9.8	11.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS7	06:53:38	2.3	Bottom	3	2	26.09	8.11	27.85	90.7	6.28	9.8	11.6
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS8	06:33:23	1.0	Surface	1	1	26.28	8.1	28.87	85.8	5.89	7.8	7.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS8	06:33:31	1.0	Surface	1	2	26.28	8.1	28.89	84.4	5.79	7.6	8.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS8	06:33:19	2.5	Bottom	3	1	26.28	8.1	28.87	85.3	5.85	7.8	9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS8	06:33:27	2.5	Bottom	3	2	26.28	8.1	28.88	84.1	5.77	7.7	9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)9	06:47:10	1.0	Surface	1	1	26.1	8.1	27.88	93.9	6.5	6	5.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)9	06:47:18	1.0	Surface	1	2	26.11	8.1	27.89	93.8	6.49	5.9	5.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)9	06:47:06	2.6	Bottom	3	1	26.11	8.1	27.87	93	6.43	6.1	6.1
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS(Mf)9	06:47:14	2.6	Bottom	3	2	26.1	8.1	27.88	92.6	6.41	6	6.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:06:50	1.0	Surface	1	1	23	8.12	31.99	95.1	6.77	5.7	5.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:06:15	1.0	Surface	1	2	23.02	8.11	32.01	95.7	6.82	6	5.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:06:08	5.3	Middle	2	1	23.03	8.11	32.04	92.6	6.59	6.1	5.3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:06:40	5.3	Middle	2	2	23.01	8.12	32.01	92.2	6.57	5.9	4.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:05:56	9.6	Bottom	3	1	23.07	8.11	32.14	91.5	6.52	6.2	5.2
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	IS10	07:06:27	9.6	Bottom	3	2	23.03	8.11	32.06	91.3	6.51	6.1	6.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR3	07:15:52	0.8	Middle	2	1	26.13	8.1	27.79	89.4	6.18	4.8	3.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR3	07:15:56	0.8	Middle	2	2	26.14	8.1	27.79	89.5	6.2	4.8	4.6
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR4	06:39:26	1.0	Surface	1	1	26.29	8.1	28.95	84.6	5.8	8	5.6
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR4	06:39:18	1.0	Surface	1	2	26.29	8.1	28.94	86.2	5.91	8.1	5.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR4	06:39:13	2.4	Bottom	3	1	26.28	8.1	28.94	85.8	5.88	8.2	5.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR4	06:39:22	2.4	Bottom	3	2	26.29	8.1	28.95	84.6	5.8	8	5.3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR5	07:16:18	1.0	Surface	1	1	23.01	8.12	32.01	92	6.56	5.2	5.8
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR5	07:16:43	1.0	Surface	1	2	23.01	8.12	32.02	92.2	6.57	5.3	6.2
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR5	07:16:08	4.1	Bottom	3	1	23.01	8.12	32.03	91.8	6.55	5.4	6.2
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR5	07:16:31	4.1	Bottom	3	2	23.02	8.12	32.04	91.6	6.53	5.4	5.2
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:34:12	1.0	Surface	1	1	26.32	8.08	29.21	87.4	5.97	3.3	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:34:56	1.0	Surface	1	2	26.32	8.08	29.24	87.3	5.97	3.5	3.8
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:34:45	3.1	Middle	2	1	26.36	8.08	29.46	86.8	5.93	3.7	4.1
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:33:53	3.1	Middle	2	2	26.35	8.07	29.43	86.2	5.9	3.6	3.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:33:48	5.2	Bottom	3	1	26.34	8.07	29.6	84.8	5.79	3.8	3.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10A	05:34:38	5.2	Bottom	3	2	26.38	8.07	29.81	84.5	5.76	3.8	3.8
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10B	05:28:31	1.0	Surface	1	1	26.32	8.06	29.24	87.7	6	3.5	4.1
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10B	05:28:12	1.0	Surface	1	2	26.33	8.06	29.26	86	5.88	3.5	3.9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10B	05:28:01	4.1	Bottom	3	1	26.34	8.05	29.4	85.5	5.84	3.5	3.3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	SR10B	05:28:22	4.1	Bottom	3	2	26.33	8.06	29.37	85.5	5.84	3.5	4.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:32:43	1.0	Surface	1	1	23.02	8.15	28.57	93.2	6.78	8.7	9.5
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:31:52	1.0	Surface	1	2	23.02	8.14	29.09	93.2	6.76	8.8	9
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:32:28	4.0	Middle	2	1	23.02	8.14	28.87	92.7	6.73	9	9.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:31:38	4.0	Middle	2	2	23.02	8.14	29.34	92.8	6.72	9.1	10
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:31:24	7.0	Bottom	3	1	23.03	8.13	30.01	92.7	6.68	9.3	11.4
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS2	08:32:17	7.0	Bottom	3	2	23.02	8.14	29.02	92.6	6.72	9.2	9.8
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:02:16	1.0	Surface	1	1	26.32	8.09	29.32	86.3	5.9	3.3	3.3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:02:53	1.0	Surface	1	2	26.31	8.09	29.28	85.4	5.81	3.5	3.6
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:02:37	6.7	Middle	2	1	26.41	8.08	29.88	84.9	5.81	3.6	2.1
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:02:03	6.7	Middle	2	2	26.41	8.08	29.86	85.4	5.81	3.6	3.7
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:01:54	12.4	Bottom	3	1	26.42	8.08	29.89	82.4	5.61	3.7	3
HKLR	HY/2011/03	2015-11-11	Mid-Flood	Fine	CS(Mf)5	06:02:28	12.4	Bottom	3	2	26.39	8.08	29.82	83.1	5.66	3.8	2.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:33	1.0	Surface	1	1	25.49	8.13	29.22	90.9	6.31	9.5	6.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:56	1.0	Surface	1	2	25.49	8.13	29.25	90.7	6.29	9.6	7.3
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:25	4.2	Middle	2	1	25.49	8.13	29.28	88.3	6.12	9.6	7.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:49	4.2	Middle	2	2	25.49	8.13	29.29	87.9	6.1	9.5	8.2
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:43	7.3	Bottom	3	1	25.49	8.13	29.3	87.9	6.1	9.7	8.6
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS5	12:51:20	7.3	Bottom	3	2	25.49	8.13	29.25	88	6.11	9.5	8.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)6	12:57:53	1.0	Surface	1	1	25.48	8.12	29.23	88.2	6.12	10.6	9.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)6	12:58:05	1.0	Surface	1	2	25.48	8.12	29.24	88.5	6.14	10.1	9.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)6	12:57:45	2.3	Bottom	3	1	25.48	8.12	29.23	88.9	6.17	10.4	12.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)6	12:57:58	2.3	Bottom	3	2	25.48	8.12	29.24	88.1	6.11	10.2	13
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS7	13:05:03	1.0	Surface	1	1	25.4	8.12	29.03	94.2	6.56	9.7	7.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS7	13:04:43	1.0	Surface	1	2	25.41	8.12	29.05	96.2	6.69	9.8	6.3
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS7	13:04:50	2.2	Bottom	3	1	25.46	8.12	29.12	95.4	6.63	9.9	8.6
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS7	13:03:55	2.2	Bottom	3	2	25.45	8.12	29.07	89.4	6.21	9.6	8.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS8	13:27:37	1.0	Surface	1	1	25.74	8.11	29.24	87.1	6.02	6.4	6.2
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS8	13:27:24	1.0	Surface	1	2	25.73	8.11	29.23	87.4	6.04	6.6	5.6
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS8	13:27:31	2.9	Bottom	3	1	25.75	8.11	29.26	87.3	6.03	6.5	6.1
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS8	13:27:18	2.9	Bottom	3	2	25.72	8.11	29.25	87.3	6.03	6.6	5.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)9	13:12:03	1.0	Surface	1	1	25.55	8.11	29.22	93.4	6.47	6.9	6.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)9	13:11:37	1.0	Surface	1	2	25.55	8.11	29.21	93.1	6.46	6.9	6.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)9	13:11:29	2.6	Bottom	3	1	25.55	8.11	29.21	93.2	6.46	6.8	6.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS(Mf)9	13:11:56	2.6	Bottom	3	2	25.57	8.11	29.24	93.5	6.48	6.8	7.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:39	1.0	Surface	1	1	22.72	8.14	24.72	92.2	6.82	5.1	5.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:57	1.0	Surface	1	2	22.72	8.14	24.72	92.2	6.82	5.3	5.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:51	5.2	Middle	2	1	22.71	8.13	26.38	91.7	6.85	5.5	4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:35	5.2	Middle	2	2	22.71	8.13	26.42	91.7	6.83	5.4	3.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:46	9.4	Bottom	3	1	22.73	8.13	26.62	91.5	6.84	5.7	4.1
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	IS10	13:34:30	9.4	Bottom	3	2	22.73	8.13	26.5	91.6	6.85	5.7	4.2
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR3	12:40:51	0.8	Middle	2	1	25.49	8.16	28.94	94.4	6.56	8.3	7.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR3	12:40:56	0.8	Middle	2	2	25.49	8.16	28.97	93.9	6.52	8.3	7.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR4	13:20:29	1.0	Surface	1	1	25.73	8.11	29.24	90.1	6.23	6.7	5.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR4	13:20:16	1.0	Surface	1	2	25.73	8.11	29.24	92.1	6.36	6.6	5.6
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR4	13:20:22	2.7	Bottom	3	1	25.74	8.11	29.26	92.3	6.38	6.9	5.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR4	13:20:07	2.7	Bottom	3	2	25.75	8.11	29.26	92.2	6.37	6.8	6.2
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR5	13:25:05	1.0	Surface	1	1	22.73	8.13	26.15	96.2	7.1	5.9	4.1
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR5	13:25:15	1.0	Surface	1	2	22.73	8.13	25.39	95.6	7.07	6.1	4.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR5	13:25:10	3.8	Bottom	3	1	22.73	8.13	26.14	93.9	7.01	6.3	4.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR5	13:25:00	3.8	Bottom	3	2	22.73	8.13	26.54	94.8	7.03	6.4	4.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:31:55	1.0	Surface	1	1	26	8.11	29.66	85.9	5.89	3.2	3.1
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:32:19	1.0	Surface	1	2	26	8.11	29.65	87.6	6.01	3.1	2.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:32:13	3.2	Middle	2	1	26.01	8.11	29.68	86.3	5.92	3.3	3.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:31:49	3.2	Middle	2	2	26.01	8.11	29.7	85.9	5.89	3.4	3.3
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:31:42	5.4	Bottom	3	1	26	8.11	29.71	86.6	5.94	3.4	3.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10A	14:32:04	5.4	Bottom	3	2	26.02	8.11	29.76	86.2	5.91	3.3	3.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10B	14:41:36	1.0	Surface	1	1	26	8.11	29.66	86.4	5.93	3.4	2.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10B	14:41:22	1.0	Surface	1	2	26	8.11	29.65	86.4	5.93	3.4	3.5
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10B	14:41:29	4.3	Bottom	3	1	26	8.11	29.69	86.4	5.93	3.4	2.9
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	SR10B	14:41:13	4.3	Bottom	3	2	26	8.11	29.68	86.4	5.93	3.4	4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:54	1.0	Surface	1	1	22.65	8.19	31.18	96.5	6.96	4.4	4.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:24	1.0	Surface	1	2	22.62	8.22	31.14	96	6.91	4.3	5
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:45	4.0	Middle	2	1	22.66	8.19	31.22	95.4	6.9	4.5	5
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:11	4.0	Middle	2	2	22.65	8.25	31.25	95.1	6.86	4.7	5.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:00	6.9	Bottom	3	1	22.67	8.29	31.42	94.5	6.81	4.8	5.5
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS2	12:12:36	6.9	Bottom	3	2	22.68	8.2	31.28	94.9	6.84	4.8	4.7
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:03:32	1.0	Surface	1	1	26.01	8.1	29.7	85.4	5.86	5.3	2.8
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:02:56	1.0	Surface	1	2	26.03	8.1	29.78	86.7	5.94	5.4	3.2
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:02:48	6.2	Middle	2	1	26.06	8.09	30.19	84.8	5.79	5.5	3.4
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:03:18	6.2	Middle	2	2	26.06	8.09	30.04	85.1	5.82	5.4	2.1
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:03:09	11.4	Bottom	3	1	26.05	8.09	30.24	84.2	5.75	5.6	2.6
HKLR	HY/2011/03	2015-11-13	Mid-Ebb	Cloudy	CS(Mf)5	14:02:39	11.4	Bottom	3	2	26.06	8.09	30.43	82	5.6	5.6	3.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:39	1.0	Surface	1	1	25.52	8.09	28.84	88.1	6.12	8.6	7.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:15	1.0	Surface	1	2	25.52	8.09	28.84	90.3	6.28	8.5	9.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:30	4.4	Middle	2	1	25.53	8.09	28.9	87.9	6.11	8.5	8.6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:08	4.4	Middle	2	2	25.52	8.09	28.88	88.6	6.16	8.7	9.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:00	7.7	Bottom	3	1	25.53	8.09	28.88	88.2	6.13	8.8	8.6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS5	09:18:23	7.7	Bottom	3	2	25.52	8.09	28.88	87.5	6.08	8.5	8.3
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)6	09:07:17	1.0	Surface	1	1	25.49	8.1	28.8	88.9	6.18	10.3	9.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)6	09:07:03	1.0	Surface	1	2	25.49	8.1	28.79	89.1	6.2	10.2	10.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)6	09:07:09	2.2	Bottom	3	1	25.49	8.1	28.81	88.6	6.16	10.4	11
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)6	09:06:53	2.2	Bottom	3	2	25.49	8.1	28.8	89.6	6.24	10.5	10.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS7	09:01:16	1.0	Surface	1	1	25.56	8.09	28.82	92.5	6.42	10.7	10.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS7	09:00:52	1.0	Surface	1	2	25.59	8.09	28.85	92.5	6.43	10	10.3
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS7	09:00:40	2.0	Bottom	3	1	25.59	8.09	28.86	91.9	6.38	10.2	9.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS7	09:01:07	2.0	Bottom	3	2	25.58	8.09	28.84	92.2	6.42	10.6	9.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS8	08:39:20	1.0	Surface	1	1	25.87	8.08	28.69	87.1	6.02	12.2	11.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS8	08:39:06	1.0	Surface	1	2	25.86	8.08	28.71	87.2	6.03	11.9	11.1
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS8	08:39:12	2.9	Bottom	3	1	25.87	8.08	28.78	87.1	6.02	12.4	11.6

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	2015-11-13	Mid-Flood	Cloudy	IS8	08:39:00	2.9	Bottom	3	2	25.86	8.08	28.81	87.1	6.02	12.2	12.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)9	08:54:28	1.0	Surface	1	1	25.65	8.09	28.93	87.9	6.09	7.2	6.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)9	08:54:40	1.0	Surface	1	2	25.65	8.09	28.93	87.6	6.07	7.2	6.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)9	08:54:19	2.8	Bottom	3	1	25.65	8.09	28.96	89.3	6.19	7.4	6.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS(Mf)9	08:54:33	2.8	Bottom	3	2	25.65	8.09	28.94	87.9	6.09	7.3	6.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:25:25	1.0	Surface	1	1	22.6	8.12	32.14	93.6	6.68	8.4	7.7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:26:04	1.0	Surface	1	2	22.6	8.12	32.1	94.3	6.76	8.5	7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:25:13	5.3	Middle	2	1	22.61	8.12	32.24	92.9	6.67	8.6	7.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:25:53	5.3	Middle	2	2	22.62	8.12	32.27	92.9	6.65	8.6	7.9
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:24:58	9.5	Bottom	3	1	22.65	8.12	32.48	92.3	6.63	9	8.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	IS10	08:25:43	9.5	Bottom	3	2	22.66	8.12	32.57	92.4	6.61	9	8.1
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR3	09:26:23	0.7	Middle	2	1	25.51	8.09	28.83	88.4	6.15	7.3	7.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR3	09:26:32	0.7	Middle	2	2	25.51	8.09	28.83	88.2	6.13	7.5	6.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR4	08:45:17	1.0	Surface	1	1	25.86	8.08	28.78	86.2	5.96	12.5	9.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR4	08:45:30	1.0	Surface	1	2	25.86	8.08	28.77	86.2	5.96	12.9	10.6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR4	08:45:11	2.6	Bottom	3	1	25.85	8.08	28.89	86.2	5.95	13	8.7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR4	08:45:23	2.6	Bottom	3	2	25.86	8.08	28.9	86.1	5.95	13.2	8.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR5	08:36:10	1.0	Surface	1	1	22.6	8.12	31.72	92.9	6.68	7.2	7.7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR5	08:35:27	1.0	Surface	1	2	22.6	8.12	31.87	92.7	6.67	7.5	7.1
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR5	08:35:16	4.0	Bottom	3	1	22.61	8.12	31.98	92.6	6.65	7.8	6.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR5	08:35:39	4.0	Bottom	3	2	22.61	8.12	31.95	92.6	6.65	7.7	6.1
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:23	1.0	Surface	1	1	26.05	8.03	29.68	82.2	5.64	7.2	10.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:43	1.0	Surface	1	2	26.05	8.03	29.52	82.3	5.65	7.3	9.7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:16	3.4	Middle	2	1	26.05	8.02	29.74	82.1	5.63	7.2	8.2
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:37	3.4	Middle	2	2	26.05	8.03	29.68	82.3	5.64	7.4	8.1
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:12	5.7	Bottom	3	1	26.05	8.02	29.75	82.1	5.62	7.3	7.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10A	07:41:29	5.7	Bottom	3	2	26.05	8.03	29.69	82.1	5.63	7.2	9.3
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10B	07:32:02	1.0	Surface	1	1	26.06	7.99	30.3	82.5	5.63	7.4	7.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10B	07:31:47	1.0	Surface	1	2	26.06	7.98	30.4	82.3	5.62	7.5	8.6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10B	07:31:54	4.3	Bottom	3	1	26.06	7.99	30.35	82.2	5.61	7.4	8.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	SR10B	07:31:40	4.3	Bottom	3	2	26.06	7.97	30.44	82.2	5.61	7.6	8.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:47:18	1.0	Surface	1	1	22.78	8.13	28.11	92.1	6.74	7.5	6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:48:00	1.0	Surface	1	2	22.78	8.13	28.1	91.8	6.73	7.6	7
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:47:50	4.1	Middle	2	1	22.75	8.13	28.56	91.7	6.69	7.8	6.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:47:06	4.1	Middle	2	2	22.74	8.12	28.66	91.6	6.67	7.7	5.6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:47:34	7.2	Bottom	3	1	22.74	8.12	28.95	91	6.65	8.1	5.8
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS2	09:46:45	7.2	Bottom	3	2	22.74	8.11	29.11	90.8	6.63	8	6
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:10:12	1.0	Surface	1	1	26.05	8.07	29.34	83.3	5.73	8.6	4.5
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:10:44	1.0	Surface	1	2	26.05	8.07	29.33	83.5	5.74	8.4	3.9
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:10:34	6.3	Middle	2	1	26.06	8.07	29.77	83.2	5.7	8.8	4.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:10:04	6.3	Middle	2	2	26.06	8.06	29.76	83.1	5.69	8.8	4.9
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:10:25	11.6	Bottom	3	1	26.06	8.06	29.81	82.7	5.67	8.8	5.4
HKLR	HY/2011/03	2015-11-13	Mid-Flood	Cloudy	CS(Mf)5	08:09:55	11.6	Bottom	3	2	26.06	8.06	29.8	82.4	5.65	8.9	5.7
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:09:53	1.0	Surface	1	1	25.71	8.1	28.12	87.7	6.1	9.9	10.9
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:09:18	1.0	Surface	1	2	25.72	8.1	28.09	87.9	6.12	9.9	10.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:09:42	4.6	Middle	2	1	25.66	8.1	28.25	87.1	6.06	10.3	10.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:09:00	4.6	Middle	2	2	25.69	8.1	28.25	87.7	6.1	10.6	12.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:08:55	8.2	Bottom	3	1	25.69	8.1	28.24	87.6	6.09	10.8	12.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS5	15:09:37	8.2	Bottom	3	2	25.66	8.1	28.26	87	6.05	10.4	12.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)6	15:02:18	1.0	Surface	1	1	25.97	8.12	26.78	95.4	6.66	6.3	8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)6	15:01:52	1.0	Surface	1	2	25.93	8.12	26.65	96.6	6.75	6.6	8.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)6	15:02:07	2.2	Bottom	3	1	25.76	8.11	27.8	94.9	6.61	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	2015-11-16	Mid-Ebb	Sunny	IS(Mf)6	15:01:46	2.2	Bottom	3	2	25.99	8.12	27.52	96.4	6.7	6.7	7.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS7	14:55:51	1.0	Surface	1	1	26.13	8.11	26.48	96.2	6.71	6.9	7.6
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS7	14:55:40	1.0	Surface	1	2	26.12	8.11	26.5	97.5	6.8	6.8	7.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS7	14:55:34	2.4	Bottom	3	1	26.12	8.11	26.53	96.8	6.75	6.9	6.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS7	14:55:45	2.4	Bottom	3	2	26.13	8.11	26.51	96.1	6.7	7	6.6
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS8	14:35:30	1.0	Surface	1	1	25.89	8.13	26.26	89	6.24	11	11.6
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS8	14:35:01	1.0	Surface	1	2	25.85	8.14	26.32	91.9	6.45	11.2	13.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS8	14:34:57	2.3	Bottom	3	1	25.84	8.14	26.35	91	6.38	11.2	12.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS8	14:35:06	2.3	Bottom	3	2	25.86	8.13	26.3	88.2	6.18	11	13
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:49:06	1.0	Surface	1	1	26	8.11	26.37	89.7	6.27	11.1	12.5
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:49:14	1.0	Surface	1	2	26	8.11	26.38	89.7	6.27	11	13.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:49:09	2.6	Bottom	3	1	26.01	8.11	26.34	89.3	6.24	11	13.6
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS(Mf)9	14:49:02	2.6	Bottom	3	2	26.01	8.11	26.34	89.4	6.25	11.1	11.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:50:06	1.0	Surface	1	1	22.49	8.08	22.71	88.1	6.61	6.2	7.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:49:33	1.0	Surface	1	2	22.44	8.08	22.98	88.3	6.56	6.2	5.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:49:58	5.3	Middle	2	1	22.39	8.06	26.61	87.8	6.52	6.3	7.7
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:49:27	5.3	Middle	2	2	22.4	8.05	26.86	87.3	6.62	6.3	7.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:49:48	9.5	Bottom	3	1	22.4	8.05	26.72	87.3	6.5	6.5	8.3
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	IS10	15:49:21	9.5	Bottom	3	2	22.41	8.05	26.89	87.8	6.52	6.4	6.5
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR3	15:16:24	0.7	Middle	2	1	25.71	8.1	28.01	87.6	6.1	10.4	10.7
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR3	15:16:21	0.7	Middle	2	2	25.71	8.1	28.01	87.7	6.11	10.4	10.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR4	14:42:19	1.0	Surface	1	1	25.87	8.12	26.46	90.7	6.35	11.2	13.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR4	14:42:29	1.0	Surface	1	2	25.88	8.11	26.42	91.9	6.44	11.1	14.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR4	14:42:25	2.4	Bottom	3	1	25.88	8.11	26.43	91.4	6.4	11.1	13.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR4	14:42:16	2.4	Bottom	3	2	25.88	8.12	26.41	90.6	6.35	11.3	13.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR5	15:37:27	1.0	Surface	1	1	22.41	8.09	26.65	90.1	6.62	6.5	8.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR5	15:37:44	1.0	Surface	1	2	22.41	8.09	24.88	89	6.65	6.5	8.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR5	15:37:37	4.0	Bottom	3	1	22.4	8.07	28.33	88.5	6.55	6.5	6.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR5	15:37:17	4.0	Bottom	3	2	22.42	8.08	29.22	89	6.6	6.6	6.9
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:21:16	1.0	Surface	1	1	25.94	8.09	28.17	87	6.03	5.3	6.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:20:43	1.0	Surface	1	2	25.93	8.09	28.18	87.2	6.04	5	6.9
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:20:38	3.2	Middle	2	1	25.92	8.09	28.21	85.9	5.96	5.2	5.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:21:06	3.2	Middle	2	2	25.9	8.09	28.28	86.9	6.02	5.3	6
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:21:00	5.3	Bottom	3	1	25.9	8.09	28.32	86.6	6	5.3	10.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10A	16:20:29	5.3	Bottom	3	2	25.95	8.09	28.2	85	5.89	5.2	11.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10B	16:30:59	1.0	Surface	1	1	25.96	8.09	28.16	87.7	6.08	5	7.3
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10B	16:31:30	1.0	Surface	1	2	25.99	8.09	28.1	85.4	5.92	5.1	6.5
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10B	16:30:51	4.1	Bottom	3	1	25.92	8.09	28.24	84.5	5.85	5.1	7.3
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	SR10B	16:31:16	4.1	Bottom	3	2	25.93	8.09	28.23	84.8	5.87	5.1	6.7
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:27:38	1.0	Surface	1	1	22.78	8.11	23.88	89.8	6.74	4.4	7.3
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:26:52	1.0	Surface	1	2	22.77	8.17	23.98	88.9	6.67	4.4	6.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:26:42	4.0	Middle	2	1	22.53	8.18	29.43	88.5	6.59	4.5	8.5
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:27:27	4.0	Middle	2	2	22.53	8.1	28.92	89.3	6.54	4.4	7.8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:27:04	7.0	Bottom	3	1	22.57	8.1	30.22	89.2	6.48	4.5	8.2
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS2	14:26:16	7.0	Bottom	3	2	22.5	8.24	31.3	88.3	6.45	4.5	8
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:51:43	1.0	Surface	1	1	25.93	8.11	28.14	85.6	5.93	5.4	8.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:53:24	1.0	Surface	1	2	25.95	8.1	28.21	85.1	5.89	5.1	8.9
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:53:08	6.7	Middle	2	1	25.87	8.1	28.53	82.7	5.72	5.1	6.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:51:30	6.7	Middle	2	2	25.77	8.11	29.26	80.8	5.57	5.5	7.1
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:51:57	12.3	Bottom	3	1	25.81	8.1	29.35	82.1	5.66	5.5	8.4
HKLR	HY/2011/03	2015-11-16	Mid-Ebb	Sunny	CS(Mf)5	15:51:23	12.3	Bottom	3	2	25.78	8.1	29.35	80.6	5.57	5.6	9.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS5	11:02:15	1.0	Surface	1	1	25.48	8.04	27.7	86.7	6.07	9.8	12.7

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	2015-11-16	Mid-Flood	Sunny	IS5	11:02:46	1.0	Surface	1	2	25.46	8.04	27.74	87.2	6.11	9.8	11.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS5	11:02:37	4.7	Middle	2	1	25.45	8.04	27.75	86.5	6.05	9.9	12.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS5	11:02:02	4.7	Middle	2	2	25.44	8.04	27.75	86.6	6.07	9.8	11.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS5	11:02:27	8.3	Bottom	3	1	25.45	8.04	27.76	86	6.03	9.9	11.5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS5	11:01:55	8.3	Bottom	3	2	25.46	8.04	27.73	86.2	6.04	10	12.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)6	10:53:00	1.0	Surface	1	1	25.6	8.04	26.48	93.2	6.54	6.2	5.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)6	10:53:10	1.0	Surface	1	2	25.61	8.04	26.49	92.7	6.52	6.3	6.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)6	10:52:54	2.3	Bottom	3	1	25.61	8.04	27.54	92.9	6.52	6.2	12.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)6	10:53:03	2.3	Bottom	3	2	25.62	8.04	27.57	92.6	6.47	6.4	13.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS7	10:46:16	1.0	Surface	1	1	25.63	8.03	26.28	93.7	6.57	7	7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS7	10:46:24	1.0	Surface	1	2	25.62	8.03	26.55	92.9	6.53	7	5.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS7	10:46:13	2.4	Bottom	3	1	25.67	8.03	27.1	93.3	6.56	7.1	5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS7	10:46:20	2.4	Bottom	3	2	25.67	8.03	27.4	92.8	6.49	7.2	3.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS8	10:33:52	1.0	Surface	1	1	25.6	8.02	25.05	90.6	6.43	8.6	8.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS8	10:34:00	1.0	Surface	1	2	25.64	8.02	25.06	90.3	6.38	8.6	7.6
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS8	10:33:46	2.4	Bottom	3	1	25.63	8.01	26.16	88.8	6.26	8.7	7.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS8	10:33:56	2.4	Bottom	3	2	25.66	8.02	25.88	90	6.37	8.8	7.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)9	10:40:36	1.0	Surface	1	1	25.61	8.03	26.14	92.4	6.51	7.1	7.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)9	10:40:29	1.0	Surface	1	2	25.61	8.03	26.07	92.8	6.54	7.2	7.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)9	10:40:26	2.4	Bottom	3	1	25.65	8.03	26.65	92.8	6.52	7.3	7.9
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS(Mf)9	10:40:33	2.4	Bottom	3	2	25.62	8.03	26.83	92.4	6.49	7.1	9.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:37:07	1.0	Surface	1	1	22.42	8.05	26.25	89.4	6.66	6.6	2.5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:36:34	1.0	Surface	1	2	22.42	8.05	26.34	89.8	6.69	6.2	2.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:36:21	5.4	Middle	2	1	22.37	8.03	30.08	89.4	6.51	9.8	2.7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:36:55	5.4	Middle	2	2	22.37	8.03	30.17	89.8	6.53	9.5	2.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:36:12	9.8	Bottom	3	1	22.38	8.03	30.38	89.1	6.5	9.7	2.5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	IS10	10:36:45	9.8	Bottom	3	2	22.38	8.02	30.37	88.8	6.47	9.6	3.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR3	11:09:24	0.7	Middle	2	1	25.47	8.05	27.73	87.7	6.14	10	10.6
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR3	11:09:22	0.7	Middle	2	2	25.47	8.05	27.73	87.7	6.14	9.8	10.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR4	10:35:28	1.0	Surface	1	1	25.71	8.02	24.97	89.8	6.34	8.7	7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR4	10:35:06	1.0	Surface	1	2	25.65	8.02	25.01	89.8	6.36	8.7	8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR4	10:35:02	2.5	Bottom	3	1	25.67	8.02	25.8	89.7	6.32	8.9	8.5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR4	10:35:09	2.5	Bottom	3	2	25.68	8.02	25.76	87	6.16	8.8	8.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR5	10:47:29	1.0	Surface	1	1	22.4	8.04	23.99	89	6.72	10.3	3.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR5	10:47:47	1.0	Surface	1	2	22.39	8.04	24.08	89	6.72	10.5	3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR5	10:47:21	4.1	Bottom	3	1	22.42	8.01	29.48	89.4	6.54	10.1	3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR5	10:47:38	4.1	Bottom	3	2	22.33	8	29.65	89	6.52	10.1	2.5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:36:54	1.0	Surface	1	1	25.72	8.02	26.9	87	6.09	4.4	4.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:37:35	1.0	Surface	1	2	25.69	8.02	26.99	88.4	6.19	4.5	3.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:37:28	3.3	Middle	2	1	25.65	8.02	27.26	87.4	6.12	4.7	4.7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:36:39	3.3	Middle	2	2	25.66	8.01	27.28	86.9	6.08	4.7	4.6
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:37:20	5.5	Bottom	3	1	25.63	8.01	27.5	84.5	5.91	4.7	2.7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10A	09:36:34	5.5	Bottom	3	2	25.7	8.01	27.16	86.3	6.04	4.9	4.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10B	09:31:08	1.0	Surface	1	1	25.71	8	27.08	86.3	6.04	4.4	4.1
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10B	09:30:49	1.0	Surface	1	2	25.7	7.99	27.16	86.2	6.03	4.4	4.4
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10B	09:30:41	3.7	Bottom	3	1	25.71	7.99	27.23	86	6.01	4.5	5.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	SR10B	09:30:57	3.7	Bottom	3	2	25.69	7.99	27.31	85.9	6.01	4.6	3.6
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS2	12:00:23	1.0	Surface	1	1	22.49	8.02	24.78	90.5	6.79	3.8	2.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS2	11:59:48	1.0	Surface	1	2	22.51	8.02	25.35	90.3	6.75	3.6	2.9
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS2	11:59:41	4.0	Middle	2	1	22.49	8.03	25.21	90.1	6.75	3.9	2.9
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS2	12:00:06	4.0	Middle	2	2	22.46	8.03	25.7	90.1	6.73	3.7	3.3
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS2	11:59:25	6.9	Bottom	3	1	22.35	7.99	29.42	91.3	6.69	3.8	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	2015-11-16	Mid-Flood	Sunny	CS2	11:59:56	6.9	Bottom	3	2	22.44	8	29.21	90.6	6.64	3.7	2.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:05:55	1.0	Surface	1	1	25.72	8.04	27.16	86	6.02	4.4	5
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:03:47	1.0	Surface	1	2	25.72	8.03	27.01	85.6	5.99	4.5	3.8
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:05:41	6.7	Middle	2	1	25.72	8.03	28.16	84.5	5.88	4.6	4.6
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:03:33	6.7	Middle	2	2	25.69	8.02	27.64	84.7	5.91	4.5	5.2
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:03:24	12.4	Bottom	3	1	25.69	8.01	28.47	83.9	5.83	4.7	3.7
HKLR	HY/2011/03	2015-11-16	Mid-Flood	Sunny	CS(Mf)5	10:05:31	12.4	Bottom	3	2	25.69	8.02	28.09	82.9	5.77	4.6	3.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:58:54	1.0	Surface	1	1	27.02	8.05	22.13	91.4	6.43	6.1	3.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:58:13	1.0	Surface	1	2	27.02	8.06	21.87	91.4	6.44	5.8	4.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:58:01	4.3	Middle	2	1	26.59	8.04	23.35	87.9	6.19	7.4	4.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:58:39	4.3	Middle	2	2	26.57	8.03	23.48	87	6.12	7.9	4.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:57:49	7.6	Bottom	3	1	26.46	8.04	23.63	88.4	6.23	7.9	3.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS5	16:58:34	7.6	Bottom	3	2	26.46	8.03	23.68	87.2	6.14	8.6	4.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)6	17:07:54	1.0	Surface	1	1	26.83	8	21.58	91.3	6.47	11.8	4.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)6	17:08:10	1.0	Surface	1	2	26.87	8.01	20.8	92	6.54	11	5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)6	17:08:00	2.4	Bottom	3	1	26.81	8	21.78	91.3	6.46	11.5	8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)6	17:07:37	2.4	Bottom	3	2	26.79	8	22.77	90.8	6.4	11.4	7.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS7	17:15:47	1.0	Surface	1	1	26.77	7.98	20.24	94	6.71	5.6	3.9
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS7	17:15:30	1.0	Surface	1	2	26.69	7.98	20.35	96.2	6.88	5.6	4.7
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS7	17:15:12	2.4	Bottom	3	1	26.7	7.97	22.33	92.6	6.54	5.8	4.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS7	17:15:39	2.4	Bottom	3	2	26.72	7.96	22.27	94	6.64	6	5.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS8	17:42:44	1.0	Surface	1	1	26.62	7.99	21.76	89.9	6.38	5.5	5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS8	17:43:26	1.0	Surface	1	2	26.41	7.98	22.77	88	6.24	5.1	6.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS8	17:43:19	2.8	Bottom	3	1	26.33	7.97	23.39	89.1	6.3	6.9	4.9
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS8	17:42:28	2.8	Bottom	3	2	26.38	7.97	23.49	89.6	6.32	6.9	5.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)9	17:22:22	1.0	Surface	1	1	26.89	8	19.91	92.3	6.59	4.9	4.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)9	17:23:06	1.0	Surface	1	2	26.77	7.99	21.06	91.7	6.52	4.6	5.4
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)9	17:22:11	2.4	Bottom	3	1	26.54	7.97	22.31	93.5	6.63	5	4
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS(Mf)9	17:22:48	2.4	Bottom	3	2	26.35	7.97	22.65	90.1	6.39	5.1	4.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:58:56	1.0	Surface	1	1	22.8	8.01	14.66	84.5	6.55	4.8	4
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:59:31	1.0	Surface	1	2	22.87	8.02	13.73	83.4	6.59	4.9	3.7
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:59:21	5.1	Middle	2	1	22.66	7.95	19.74	83	6.31	5.2	2.4
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:58:48	5.1	Middle	2	2	22.69	7.95	20.51	82.7	6.33	5.4	2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:58:40	9.1	Bottom	3	1	22.7	7.89	25.94	82.6	6.28	5.2	4.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	IS10	17:59:14	9.1	Bottom	3	2	22.65	7.9	25.67	81.9	6.21	5.3	2.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR3	16:44:12	0.8	Middle	2	1	27.11	8.19	20.74	94.7	6.7	4.8	4.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR3	16:44:21	0.8	Middle	2	2	27.11	8.17	20.82	95	6.72	4.7	4.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR4	17:31:52	1.0	Surface	1	1	26.43	7.99	21.34	89	6.35	6.6	4.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR4	17:32:02	1.0	Surface	1	2	26.41	7.98	21.97	89.1	6.34	6.5	5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR4	17:31:45	2.8	Bottom	3	1	26.37	7.96	23.42	89.2	6.3	7.3	5.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR4	17:31:56	2.8	Bottom	3	2	26.45	7.97	23.37	89.2	6.29	6.7	5.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR5	17:48:01	1.0	Surface	1	1	22.92	7.95	15.83	85.8	6.73	3.4	2.9
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR5	17:48:20	1.0	Surface	1	2	22.85	7.94	15.52	85.2	6.7	3.5	2.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR5	17:47:44	4.0	Bottom	3	1	22.83	7.9	21.48	86.4	6.57	3.4	2.4
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR5	17:48:12	4.0	Bottom	3	2	22.8	7.9	20.3	85.6	6.56	3.5	2.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:03:21	1.0	Surface	1	1	26.45	8.02	19.3	84.3	6.09	4.2	2.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:02:36	1.0	Surface	1	2	26.42	8	19.37	84.9	6.13	3.9	2.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:02:28	3.3	Middle	2	1	26.23	7.96	24.39	81.6	5.74	4.4	2.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:03:12	3.3	Middle	2	2	25.98	7.96	23.91	81.5	5.78	4.5	2.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:02:19	5.5	Bottom	3	1	26.2	7.91	26.76	82.4	5.73	3.8	2.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10A	19:03:04	5.5	Bottom	3	2	25.95	7.92	26.76	80.2	5.6	4	2.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10B	19:17:08	1.0	Surface	1	1	26.34	8	19.34	81.5	5.89	3.2	1.2

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	2015-11-18	Mid-Ebb	Sunny	SR10B	19:16:34	1.0	Surface	1	2	26.44	7.99	19.3	83.1	6	3.3	1.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10B	19:16:24	4.3	Bottom	3	1	26.27	7.91	25.96	83	5.79	4	1.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	SR10B	19:17:00	4.3	Bottom	3	2	26.04	7.92	25.9	81.2	5.69	4	1.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:31:15	1.0	Surface	1	1	22.96	8.08	17.45	88.2	6.63	4.2	1.3
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:31:41	1.0	Surface	1	2	22.8	8.04	17.28	85.9	6.56	4.3	1.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:31:04	4.0	Middle	2	1	22.64	8.06	23.14	85.5	6.54	4.4	1.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:31:33	4.0	Middle	2	2	22.66	7.98	23.58	84.7	6.38	4.4	1.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:31:25	7.0	Bottom	3	1	22.74	7.96	28.44	84.2	6.29	4.3	1.1
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS2	16:30:48	7.0	Bottom	3	2	22.68	8.04	28.89	84.5	6.38	4.4	1.2
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:25:59	1.0	Surface	1	1	26.54	8.01	19.49	83.6	6.02	3.3	0.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:26:57	1.0	Surface	1	2	26.49	8.02	19.58	83.7	6.03	3.7	0.5
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:25:37	6.6	Middle	2	1	25.92	7.94	27.58	76.9	5.35	4.5	0.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:26:39	6.6	Middle	2	2	25.92	7.95	27.55	79.2	5.51	4.6	0.8
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:25:22	12.1	Bottom	3	1	26.08	7.91	27.58	81.2	5.63	3.9	1.6
HKLR	HY/2011/03	2015-11-18	Mid-Ebb	Sunny	CS(Mf)5	18:26:21	12.1	Bottom	3	2	25.93	7.92	27.94	78.5	5.44	4.3	1.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:45:59	1.0	Surface	1	1	26.6	7.97	21.93	87.9	6.24	6.8	7.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:44:35	1.0	Surface	1	2	26.53	7.98	22	86.4	6.14	7.6	6.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:45:27	4.2	Middle	2	1	26.21	7.97	23.52	84.3	5.97	9.6	7.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:44:20	4.2	Middle	2	2	26.15	7.96	23.87	83.9	5.94	8.7	7.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:44:09	7.4	Bottom	3	1	26.17	7.95	24.28	85	6	9.3	6.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS5	13:45:06	7.4	Bottom	3	2	26.14	7.95	24.1	84.4	5.96	10.1	5.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)6	13:34:35	1.0	Surface	1	1	26.69	7.96	19.62	87.8	6.3	5.6	6.1
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)6	13:34:21	1.0	Surface	1	2	26.43	7.96	20.62	87.9	6.3	6.1	7
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)6	13:34:27	2.3	Bottom	3	1	26.51	7.97	20.19	87.9	6.31	5.9	5.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)6	13:34:14	2.3	Bottom	3	2	26.42	7.95	21.03	87.8	6.28	6.2	5.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS7	13:24:42	1.0	Surface	1	1	26.25	7.96	21.17	87.1	6.24	6.4	3.7
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS7	13:24:57	1.0	Surface	1	2	26.26	7.96	21.19	87	6.24	6.3	3.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS7	13:24:49	2.2	Bottom	3	1	26.22	7.95	22.06	86.9	6.2	6.4	3.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS7	13:24:34	2.2	Bottom	3	2	26.17	7.95	22.33	86.9	6.2	6.7	3.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS8	12:55:07	1.0	Surface	1	1	26.3	7.93	19.69	84.4	6.1	7.1	3.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS8	12:54:54	1.0	Surface	1	2	26.25	7.92	19.82	84.7	6.12	6.9	3.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS8	12:54:45	2.6	Bottom	3	1	26.14	7.89	21.72	84.4	6.04	7.8	2.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS8	12:54:59	2.6	Bottom	3	2	26.2	7.9	21.76	84.1	6.01	7.9	3.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)9	13:17:31	1.0	Surface	1	1	26.19	7.95	21.5	87.3	6.25	6.5	3.1
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)9	13:17:18	1.0	Surface	1	2	26.21	7.96	20.99	87.5	6.28	6.4	2.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)9	13:17:10	2.5	Bottom	3	1	26.16	7.94	22.3	87.5	6.25	6.4	2.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS(Mf)9	13:17:24	2.5	Bottom	3	2	26.2	7.94	22.26	87.3	6.22	6.3	3.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:56	1.0	Surface	1	1	22.8	7.98	23.14	84.1	6.26	6.6	15.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:23	1.0	Surface	1	2	22.81	7.97	23.16	83.9	6.29	6.4	16.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:12	5.3	Middle	2	1	22.65	7.94	28.6	83.5	6.15	6.6	16.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:47	5.3	Middle	2	2	22.65	7.94	27.57	83.7	6.11	6.5	15.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:05	9.6	Bottom	3	1	22.66	7.92	29	83.2	6.09	6.8	15.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	IS10	12:29:38	9.6	Bottom	3	2	22.65	7.93	29.05	82.4	6.07	6.5	15.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR3	13:56:10	0.8	Middle	2	1	26.65	7.97	21.69	89.1	6.32	5.9	17.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR3	13:56:04	0.8	Middle	2	2	26.61	7.97	21.83	89	6.32	6	16.7
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR4	13:07:22	1.0	Surface	1	1	26.26	7.94	19.75	84.1	6.07	7.1	12
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR4	13:07:40	1.0	Surface	1	2	26.31	7.94	19.73	83.9	6.06	7	12.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR4	13:07:32	2.8	Bottom	3	1	26.08	7.9	22.11	83.6	5.98	8.2	13.5
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR4	13:07:12	2.8	Bottom	3	2	26.29	7.91	21.79	83.9	5.99	7.4	14.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR5	12:40:01	1.0	Surface	1	1	22.77	7.94	22.93	84.8	6.4	5.5	12.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR5	12:40:19	1.0	Surface	1	2	22.86	7.94	22.83	85	6.41	5.5	13.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR5	12:40:07	4.4	Bottom	3	1	22.77	7.92	26.35	84.9	6.28	5.7	13.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR5	12:39:55	4.4	Bottom	3	2	22.8	7.92	25.67	85.4	6.34	5.6	13.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:43:01	1.0	Surface	1	1	25.96	7.98	24.66	79.1	5.59	4.4	16.5
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:43:30	1.0	Surface	1	2	25.97	7.97	25	79.7	5.62	4	15.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:43:18	3.3	Middle	2	1	25.94	7.96	26.68	79.7	5.57	5	16.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:42:50	3.3	Middle	2	2	25.93	7.96	26.68	78.5	5.48	5.4	16.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:43:07	5.5	Bottom	3	1	25.95	7.95	27.1	78.8	5.5	4.6	15.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10A	11:42:41	5.5	Bottom	3	2	25.92	7.94	27.28	78.9	5.49	5	14.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10B	11:29:02	1.0	Surface	1	1	25.96	7.95	24.12	81.3	5.76	4.3	15
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10B	11:28:42	1.0	Surface	1	2	25.96	7.95	24.05	81.3	5.76	4	14.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10B	11:28:51	4.3	Bottom	3	1	25.95	7.92	26.54	80.2	5.6	4.2	15.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	SR10B	11:28:31	4.3	Bottom	3	2	25.94	7.91	26.62	80.8	5.65	4.6	15.4
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:52:57	1.0	Surface	1	1	23.19	7.98	14.9	87.6	6.71	5.5	11.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:52:21	1.0	Surface	1	2	23.14	7.98	15.39	85.9	6.73	5.7	12
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:52:10	4.0	Middle	2	1	22.74	7.93	22.36	85.3	6.42	5.5	11.3
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:52:45	4.0	Middle	2	2	22.75	7.93	21.83	85.6	6.45	5.6	10.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:52:34	6.9	Bottom	3	1	22.72	7.9	23.42	84	6.38	5.7	10.8
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS2	13:51:55	6.9	Bottom	3	2	22.65	7.88	23.82	83.9	6.36	5.5	11.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:16:04	1.0	Surface	1	1	26.3	7.96	22.33	84.3	6	3.4	14.1
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:16:51	1.0	Surface	1	2	26.37	7.97	22.23	83.3	5.93	3.5	14.2
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:16:29	6.6	Middle	2	1	25.93	7.93	26.96	82.5	5.75	3.3	14.9
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:15:41	6.6	Middle	2	2	25.92	7.94	26.93	81.7	5.7	3	15.6
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:15:21	12.2	Bottom	3	1	25.95	7.91	27.16	82.1	5.72	3.3	16.1
HKLR	HY/2011/03	2015-11-18	Mid-Flood	Sunny	CS(Mf)5	12:16:15	12.2	Bottom	3	2	26.07	7.91	26.92	81.3	5.66	3.5	15.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:45:02	1.0	Surface	1	1	25.88	8.05	21.16	87.1	6.28	6.2	3
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:44:32	1.0	Surface	1	2	25.89	8.04	21.22	88.8	6.4	6.2	3.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:44:17	4.1	Middle	2	1	25.82	8.03	24.43	84.1	5.97	7.2	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:44:52	4.1	Middle	2	2	25.81	8	24.47	84.5	5.99	7.2	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:44:44	7.2	Bottom	3	1	25.83	7.96	27.15	84.4	5.89	7.2	2.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS5	07:44:05	7.2	Bottom	3	2	25.82	7.98	27.12	82.8	5.78	7.4	3.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)6	07:36:41	1.0	Surface	1	1	25.85	8.02	20.36	90.4	6.56	5.4	1.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)6	07:36:28	1.0	Surface	1	2	25.84	8.02	20.38	94.1	6.76	5.5	2.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)6	07:36:20	2.1	Bottom	3	1	25.82	8	23.08	93.1	6.75	5.5	1.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)6	07:36:33	2.1	Bottom	3	2	25.86	7.99	23.47	93.3	6.65	5.5	1.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS7	07:29:07	1.0	Surface	1	1	25.94	7.98	19.9	81.3	5.9	3.3	1.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS7	07:28:34	1.0	Surface	1	2	25.85	7.99	19.95	87.4	6.35	3.4	1.9
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS7	07:28:17	2.2	Bottom	3	1	26.16	7.92	21.91	79.3	5.67	3.5	1.9
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS7	07:28:58	2.2	Bottom	3	2	26.24	7.92	22.91	81.7	5.8	3.5	1.9
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS8	07:07:00	1.0	Surface	1	1	25.86	7.99	20.87	79.6	5.75	6.5	1.6
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS8	07:06:44	1.0	Surface	1	2	25.9	7.99	20.89	78.9	5.7	6.5	2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS8	07:06:50	2.8	Bottom	3	1	25.94	7.94	24.98	80.2	5.66	6.4	2.3
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS8	07:06:36	2.8	Bottom	3	2	25.96	7.94	25.43	82	5.76	6.5	2.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)9	07:21:51	1.0	Surface	1	1	25.94	7.99	20.37	87.8	6.36	3.8	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)9	07:22:30	1.0	Surface	1	2	25.94	7.99	20.44	85.8	6.21	3.8	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)9	07:21:41	2.6	Bottom	3	1	26.18	7.95	23.52	89.7	6.36	3.8	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS(Mf)9	07:22:09	2.6	Bottom	3	2	26.18	7.93	24.09	80.6	5.69	3.8	4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:04:54	1.0	Surface	1	1	22.66	7.96	16.86	86.4	6.77	4.6	2.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:05:42	1.0	Surface	1	2	22.56	7.94	15.84	85.5	6.75	4.3	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:04:43	5.3	Middle	2	1	22.53	7.95	19.4	86.9	6.72	4.8	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:05:28	5.3	Middle	2	2	22.63	7.93	18.74	85.8	6.65	4.4	1.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:05:19	9.6	Bottom	3	1	22.55	7.91	19.19	85	6.58	5.2	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	IS10	07:04:34	9.6	Bottom	3	2	22.48	7.92	21.53	86.6	6.62	5	2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR3	07:50:55	0.7	Middle	2	1	25.92	8.02	21.04	89.3	6.45	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	2015-11-20	Mid-Ebb	Fine	SR3	07:51:02	0.7	Middle	2	2	25.92	8.01	21.09	88.7	6.4	3.6	2.9
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR4	07:11:26	1.0	Surface	1	1	25.96	7.96	21.12	75	5.4	5.8	3.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR4	07:11:10	1.0	Surface	1	2	25.93	7.97	21.09	78.1	5.63	5.8	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR4	07:11:03	2.7	Bottom	3	1	25.93	7.94	24.11	80.6	5.71	6	2.7
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR4	07:11:19	2.7	Bottom	3	2	26.03	7.92	24.44	77.9	5.5	6.1	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR5	07:14:21	1.0	Surface	1	1	22.57	7.92	15.91	85.2	6.72	2.7	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR5	07:14:50	1.0	Surface	1	2	22.61	7.92	15.63	84.3	6.66	2.7	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR5	07:14:06	4.1	Bottom	3	1	22.8	7.89	18.48	84.8	6.56	2.6	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR5	07:14:36	4.1	Bottom	3	2	22.77	7.9	18.12	84.4	6.55	2.7	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:56:48	1.0	Surface	1	1	25.84	7.97	22.68	86.5	6.19	1.8	2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:57:08	1.0	Surface	1	2	25.83	7.97	22.68	85.3	6.11	1.8	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:56:41	3.2	Middle	2	1	25.93	7.96	22.7	85.7	6.12	1.8	2.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:57:01	3.2	Middle	2	2	25.88	7.97	22.67	85.5	6.12	1.8	2.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:56:55	5.4	Bottom	3	1	25.84	7.96	23.77	84.4	6.01	1.8	1.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10A	05:56:35	5.4	Bottom	3	2	25.91	7.95	24.09	84.2	5.98	1.8	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10B	05:47:16	1.0	Surface	1	1	25.8	7.96	22.72	85.1	6.09	1.8	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10B	05:46:48	1.0	Surface	1	2	25.81	7.96	22.79	84.4	6.04	1.8	3.6
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10B	05:47:05	4.3	Bottom	3	1	25.83	7.96	22.8	84	6.01	1.8	4.1
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	SR10B	05:46:38	4.3	Bottom	3	2	25.83	7.97	22.91	84.4	6.04	1.8	5.9
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:31:10	1.0	Surface	1	1	22.69	7.93	14.48	84.9	6.73	2.8	2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:31:47	1.0	Surface	1	2	22.73	7.94	14.54	84.4	6.69	2.8	3.3
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:30:55	3.8	Middle	2	1	22.79	7.92	17.33	84	6.54	2.9	1.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:31:40	3.8	Middle	2	2	22.8	7.92	17.04	83.7	6.53	2.9	2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:31:29	6.6	Bottom	3	1	22.79	7.91	17.34	83.9	6.54	2.9	4.8
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS2	08:30:46	6.6	Bottom	3	2	22.76	7.91	17.86	84.3	6.55	3.2	3.6
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:36:52	1.0	Surface	1	1	25.82	7.99	24.31	79.9	5.67	4.3	3.6
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:36:13	1.0	Surface	1	2	25.83	7.98	24.3	78.6	5.58	4.4	4.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:36:36	6.0	Middle	2	1	25.9	7.97	26.56	77.7	5.44	4.3	4.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:35:58	6.0	Middle	2	2	25.9	7.96	26.37	76.7	5.37	4.4	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:36:26	10.9	Bottom	3	1	25.9	7.95	26.76	76	5.31	4.3	4.4
HKLR	HY/2011/03	2015-11-20	Mid-Ebb	Fine	CS(Mf)5	06:35:46	10.9	Bottom	3	2	25.91	7.94	26.91	75.1	5.24	4.3	5.7
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:34:09	1.0	Surface	1	1	25.94	8.04	21.69	86	6.04	6.4	6.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:33:44	1.0	Surface	1	2	25.96	8.04	21.54	88.1	6.34	6.7	5.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:33:27	4.1	Middle	2	1	25.93	8.02	23.83	85.7	6.01	6.6	6.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:34:02	4.1	Middle	2	2	25.91	8	24.39	83.2	5.98	6.6	5.7
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:33:16	7.1	Bottom	3	1	25.92	7.99	26.03	83.4	5.93	6.6	5.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS5	13:33:55	7.1	Bottom	3	2	25.92	7.98	25.95	83	5.88	6.6	5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)6	13:39:52	1.0	Surface	1	1	26.05	8.05	21.72	95.1	6.82	5.5	3.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)6	13:40:04	1.0	Surface	1	2	26.02	8.05	21.77	93.7	6.72	5.5	2.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)6	13:39:39	2.2	Bottom	3	1	26.01	8.05	21.91	93.7	6.72	5.8	2.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)6	13:39:57	2.2	Bottom	3	2	26.03	8.05	21.87	93.8	6.72	5.6	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS7	13:47:05	1.0	Surface	1	1	26.01	8.05	20.3	93	6.73	4.4	2.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS7	13:46:52	1.0	Surface	1	2	25.99	8.06	20.32	93.7	6.78	4.4	3.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS7	13:46:44	2.2	Bottom	3	1	26.02	8.04	21.82	93.5	6.71	4.4	2.9
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS7	13:46:58	2.2	Bottom	3	2	26.07	8.03	21.93	93.8	6.72	4.3	2.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS8	14:09:32	1.0	Surface	1	1	26.15	8	22.98	85.8	6.1	4.6	3.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS8	14:09:12	1.0	Surface	1	2	26.12	8	23.05	85	6.04	4.5	4.4
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS8	14:09:22	2.8	Bottom	3	1	26.1	7.98	24.17	85	6.01	4.5	4.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS8	14:09:05	2.8	Bottom	3	2	26.1	7.98	24.2	84.2	5.95	4.5	3.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)9	13:55:42	1.0	Surface	1	1	26.12	8.01	22.33	85.4	6.09	4.4	3.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)9	13:56:01	1.0	Surface	1	2	26.13	8.01	22.3	85.7	6.12	4.5	3.4
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)9	13:55:51	2.7	Bottom	3	1	26.11	8	23.48	85.7	6.08	4.6	6.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS(Mf)9	13:55:34	2.7	Bottom	3	2	26.1	8	23.63	85.6	6.07	4.6	5.7
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:54	1.0	Surface	1	1	22.69	8.06	22.07	86.4	6.56	5.7	5.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:28	1.0	Surface	1	2	22.67	8.06	22.26	84.1	6.38	5.8	5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:43	5.4	Middle	2	1	22.63	8.05	23.28	85.6	6.46	5.3	5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:20	5.4	Middle	2	2	22.62	8.04	23.73	83.6	6.3	5.2	4.9
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:37	9.7	Bottom	3	1	22.65	8.04	24.13	86	6.46	5.5	6.9
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	IS10	14:34:14	9.7	Bottom	3	2	22.62	8.02	25.81	84.7	6.31	5.6	5.7
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR3	13:00:51	0.6	Middle	2	1	26.01	8.02	20.63	91.8	6.63	3.3	4
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR3	13:00:45	0.6	Middle	2	2	26.01	8.02	20.6	91.9	6.63	3.2	3.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR4	14:01:52	1.0	Surface	1	1	26.12	8.02	21.87	86.2	6.17	4.3	3.4
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR4	14:02:05	1.0	Surface	1	2	26.11	8	22.92	86.7	6.17	4.3	3.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR4	14:01:44	2.6	Bottom	3	1	26.11	7.99	23.85	86.3	6.11	4.4	3.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR4	14:01:59	2.6	Bottom	3	2	26.13	7.99	23.67	85.9	6.09	4.4	2.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR5	14:27:04	1.0	Surface	1	1	22.65	8.07	24.29	86.2	6.47	5.5	4.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR5	14:27:30	1.0	Surface	1	2	22.67	8.06	23.2	86.3	6.51	5.3	3.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR5	14:27:16	4.2	Bottom	3	1	22.63	8.05	24.84	86.3	6.46	5.6	5.3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR5	14:26:54	4.2	Bottom	3	2	22.63	8.05	26.8	87.3	6.46	5.9	4.4
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:50	1.0	Surface	1	1	26.08	8.05	24.92	80.1	5.64	2.9	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:26	1.0	Surface	1	2	26.07	8.05	24.88	80	5.63	2.8	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:41	3.3	Middle	2	1	26.02	8.03	26.9	79.5	5.54	3	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:19	3.3	Middle	2	2	26	8.03	26.85	79.5	5.54	3	2.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:13	5.6	Bottom	3	1	26.01	8.01	28.3	79.9	5.52	3	3.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10A	15:32:33	5.6	Bottom	3	2	26.06	8.02	28.23	80.4	5.56	3.1	2.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10B	15:42:14	1.0	Surface	1	1	26.08	8.05	25.19	80.1	5.63	2.8	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10B	15:41:59	1.0	Surface	1	2	26.05	8.04	25.05	79.9	5.62	2.8	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10B	15:41:52	4.4	Bottom	3	1	26.03	8.01	28.06	80.1	5.55	2.6	2.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	SR10B	15:42:05	4.4	Bottom	3	2	26.05	8.02	28.13	79.7	5.51	2.8	2.2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:09:02	1.0	Surface	1	1	22.92	8.16	21.86	89	6.74	3.2	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:09:33	1.0	Surface	1	2	22.9	8.11	21.81	86.9	6.58	3.2	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:09:24	3.8	Middle	2	1	22.81	8.1	24.8	86.8	6.48	4.1	2.8
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:08:52	3.8	Middle	2	2	22.79	8.16	24.84	89.1	6.65	3.9	2.7
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:09:14	6.5	Bottom	3	1	22.72	8.08	27.41	87.7	6.45	5.2	2
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS2	13:08:43	6.5	Bottom	3	2	22.69	8.17	27.9	91.3	6.7	5.6	3.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:48:31	1.0	Surface	1	1	26.03	8.07	25.08	80.3	5.65	4.6	2.6
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:47:30	1.0	Surface	1	2	26.02	8.06	25.62	77.9	5.47	4.6	2.9
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:48:22	6.2	Middle	2	1	25.95	8.04	29.33	79	5.44	4.7	2.1
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:47:21	6.2	Middle	2	2	25.95	8.03	28.97	77.7	5.34	4.7	3
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:47:41	11.3	Bottom	3	1	25.98	8.02	29.7	78.1	5.36	4.7	2.5
HKLR	HY/2011/03	2015-11-20	Mid-Flood	Fine	CS(Mf)5	14:47:13	11.3	Bottom	3	2	25.96	8.01	29.69	77	5.31	4.8	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:07:24	1.0	Surface	1	1	25.85	8.04	25.09	82.4	5.82	10.1	11.3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:07:00	1.0	Surface	1	2	25.88	8.04	25.01	83.1	5.87	9.9	9.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:06:47	4.3	Middle	2	1	25.88	8.04	25.01	82.8	5.84	9.3	10.3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:07:15	4.3	Middle	2	2	25.82	8.04	25.22	82	5.79	9.6	11.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:07:08	7.6	Bottom	3	1	25.84	8.04	25.17	82.4	5.82	10.2	9.9
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS5	12:06:38	7.6	Bottom	3	2	25.89	8.04	24.99	82.9	5.86	9.5	10.3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)6	11:59:47	1.0	Surface	1	1	26.03	8.03	24.89	86.9	6.12	13.2	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)6	11:59:58	1.0	Surface	1	2	26	8.04	24.93	87.4	6.16	13.6	2.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)6	11:59:53	2.2	Bottom	3	1	25.99	8.03	25.01	85.4	6.02	14.9	3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)6	11:59:41	2.2	Bottom	3	2	26.07	8.03	24.89	88.1	6.2	14.1	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS7	11:49:29	1.0	Surface	1	1	25.77	8.04	24.24	85.6	6.08	10.9	2.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS7	11:49:14	1.0	Surface	1	2	25.76	8.04	24.23	85.6	6.08	11.1	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS7	11:49:21	2.3	Bottom	3	1	25.79	8.04	24.51	85.9	6.09	15.2	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	2015-11-23	Mid-Ebb	Sunny	IS7	11:49:06	2.3	Bottom	3	2	25.78	8.04	24.47	85.8	6.08	14.1	2.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS8	11:23:40	1.0	Surface	1	1	25.94	8.02	24.33	85.3	6.04	6.5	3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS8	11:24:14	1.0	Surface	1	2	25.95	8.02	24.28	83.9	5.94	6	2.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS8	11:24:05	2.8	Bottom	3	1	25.91	8.01	25.18	83.5	5.89	10	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS8	11:23:31	2.8	Bottom	3	2	25.92	8	25.25	85.6	6.03	9	2.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)9	11:41:25	1.0	Surface	1	1	25.79	8.04	24.24	86.4	6.13	14.7	2.9
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)9	11:41:38	1.0	Surface	1	2	25.78	8.04	24.29	86.4	6.14	15.4	2.8
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)9	11:41:30	2.3	Bottom	3	1	25.78	8.04	24.31	86.5	6.14	15.5	1.1
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS(Mf)9	11:41:15	2.3	Bottom	3	2	25.81	8.04	24.44	86.8	6.16	16.5	1.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:06:44	1.0	Surface	1	1	22.51	8.02	24.1	88	6.64	2.7	1.8
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:06:03	1.0	Surface	1	2	22.5	8.04	24.02	88.6	6.66	2.5	2.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:05:54	5.2	Middle	2	1	22.43	8.05	24.14	87.5	6.59	2.8	2.1
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:06:34	5.2	Middle	2	2	22.48	8.02	24.03	87.5	6.59	2.9	2.1
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:06:24	9.4	Bottom	3	1	22.41	7.99	25.38	87.2	6.57	3.2	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	IS10	10:05:45	9.4	Bottom	3	2	22.48	8.01	27.88	87.2	6.53	3.1	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR3	12:13:44	0.8	Middle	2	1	25.88	8.04	25.07	82.5	5.82	10.8	10.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR3	12:13:37	0.8	Middle	2	2	25.87	8.04	25.08	82.6	5.83	10.2	10.9
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR4	11:32:40	1.0	Surface	1	1	25.97	8.01	24.15	84.3	5.97	6.3	7.9
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR4	11:34:34	1.0	Surface	1	2	26.08	8	24.19	86.3	6.1	7	7.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR4	11:34:25	2.4	Bottom	3	1	26.06	8	24.22	84.1	5.95	6.6	8
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR4	11:32:34	2.4	Bottom	3	2	25.98	8.01	24.16	85.2	6.03	6.6	7.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR5	10:15:29	1.0	Surface	1	1	22.6	8	23.91	87.7	6.6	2.5	1.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR5	10:15:07	1.0	Surface	1	2	22.52	8.01	24.11	87.6	6.6	2.4	2.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR5	10:15:14	4.0	Bottom	3	1	22.58	8.01	23.95	87.7	6.6	2.5	2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR5	10:14:59	4.0	Bottom	3	2	22.54	8	24.23	87.6	6.59	2.6	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:51:20	1.0	Surface	1	1	25.79	8.02	28.76	81.6	5.65	3.5	2.1
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:50:43	1.0	Surface	1	2	25.82	8.02	28.15	81.9	5.69	3.3	3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:51:09	3.4	Middle	2	1	25.79	8.02	28.77	80.8	5.59	3.8	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:50:35	3.4	Middle	2	2	25.8	8.01	28.66	81.6	5.65	3.7	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:51:00	5.8	Bottom	3	1	25.8	8.02	28.76	80.5	5.57	3.9	4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10A	09:50:25	5.8	Bottom	3	2	25.81	8.01	28.58	85.2	5.9	4	3.8
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10B	09:37:41	1.0	Surface	1	1	25.82	7.98	28.42	82.5	5.72	3	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10B	09:37:22	1.0	Surface	1	2	25.82	7.97	28.5	83.9	5.81	3	2.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10B	09:37:31	4.0	Bottom	3	1	25.82	7.97	28.54	81.7	5.66	3.1	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	SR10B	09:37:15	4.0	Bottom	3	2	25.81	7.96	28.56	81.3	5.63	3.2	2.1
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:28:42	1.0	Surface	1	1	22.57	8.03	25.51	86.4	6.39	6	3.4
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:29:22	1.0	Surface	1	2	22.75	8.02	24.76	86.2	6.44	5.9	3.8
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:28:34	4.0	Middle	2	1	22.46	8.01	27.19	85.9	6.41	6.3	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:29:02	4.0	Middle	2	2	22.48	8.03	26.39	86	6.37	6.2	2.3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:28:28	6.9	Bottom	3	1	22.46	7.99	27.55	84.8	6.31	6.6	3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS2	11:28:54	6.9	Bottom	3	2	22.49	8.02	26.94	85.4	6.33	6.5	2.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:41:46	1.0	Surface	1	1	25.88	8.05	24.21	81.3	5.77	2.6	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:41:09	1.0	Surface	1	2	25.89	8.05	24.23	81.3	5.76	2.7	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:40:54	6.9	Middle	2	1	25.88	8.03	26.67	80.4	5.62	2.5	2.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:41:32	6.9	Middle	2	2	25.89	8.02	26.82	79.9	5.58	2.3	2.3
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:40:46	12.7	Bottom	3	1	25.89	8.02	27.36	80.8	5.63	2.5	2.6
HKLR	HY/2011/03	2015-11-23	Mid-Ebb	Sunny	CS(Mf)5	10:41:26	12.7	Bottom	3	2	25.89	8.01	27.49	80.3	5.59	2.4	2.8
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS5	15:22:20	1.0	Surface	1	1	26.28	8.14	25.42	88.2	6.17	11.4	12.7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS5	15:21:53	1.0	Surface	1	2	26.28	8.15	25.38	88.4	6.18	10.9	11.9
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS5	15:21:43	4.4	Middle	2	1	26.2	8.14	25.64	87.9	6.15	11	10.4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS5	15:22:11	4.4	Middle	2	2	26.18	8.14	25.72	87.7	6.13	11.3	10.8
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS5	15:22:03	7.8	Bottom	3	1	26.19	8.14	25.74	88.3	6.17	11	7.1

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	2015-11-23	Mid-Flood	Sunny	IS5	15:21:34	7.8	Bottom	3	2	26.25	8.15	25.55	88.9	6.22	10.7	7.5
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)6	15:31:35	1.0	Surface	1	1	26.11	8.11	25.81	86.9	6.08	9	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)6	15:31:48	1.0	Surface	1	2	26.09	8.11	25.82	86.7	6.07	9	2.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)6	15:31:26	2.3	Bottom	3	1	26.07	8.11	25.89	87.3	6.11	8.4	3.4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)6	15:31:40	2.3	Bottom	3	2	26.08	8.11	25.9	86.9	6.09	8.8	2.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS7	15:39:26	1.0	Surface	1	1	26.28	8.11	24.93	95.2	6.67	7.8	2.4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS7	15:39:09	1.0	Surface	1	2	26.3	8.11	24.94	95.4	6.69	7.1	3.6
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS7	15:38:56	2.3	Bottom	3	1	26.26	8.1	25.97	91.3	6.37	10.7	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS7	15:39:17	2.3	Bottom	3	2	26.17	8.1	26.01	93	6.5	10.4	1.8
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS8	16:11:39	1.0	Surface	1	1	26.49	8.08	24.76	89	6.23	4.3	3.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS8	16:11:51	1.0	Surface	1	2	26.43	8.08	24.86	88.6	6.2	4.4	2.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS8	16:11:44	2.8	Bottom	3	1	26.38	8.08	25.06	88.7	6.21	5	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS8	16:11:28	2.8	Bottom	3	2	26.37	8.08	25.05	88.3	6.18	5.3	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)9	15:49:07	1.0	Surface	1	1	26.26	8.1	25.34	95.2	6.66	7.3	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)9	15:48:52	1.0	Surface	1	2	26.29	8.1	25.35	95	6.65	7.6	2.9
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)9	15:48:42	2.5	Bottom	3	1	26.22	8.1	25.49	95.3	6.67	8.2	3.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS(Mf)9	15:48:59	2.5	Bottom	3	2	26.2	8.1	25.52	95.6	6.69	8.8	2.5
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:06:36	1.0	Surface	1	1	22.82	8.03	22.42	88.1	6.66	4.9	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:06:12	1.0	Surface	1	2	22.66	8.04	22.7	87.5	6.53	4.8	2.7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:06:06	5.3	Middle	2	1	22.51	8.03	23.88	86.1	6.41	5	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:06:26	5.3	Middle	2	2	22.59	8.03	22.83	87.1	6.6	5.1	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:06:21	9.5	Bottom	3	1	22.75	8.03	24.3	86.1	6.49	5.4	3.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	IS10	17:05:57	9.5	Bottom	3	2	22.54	8.01	25.53	85.7	6.49	5.3	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR3	15:09:01	0.9	Middle	2	1	26.3	8.22	24.82	95.2	6.68	7.4	9.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR3	15:09:09	0.9	Middle	2	2	26.28	8.21	24.96	94.5	6.63	7.2	9.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR4	15:58:25	1.0	Surface	1	1	26.47	8.08	24.79	88.6	6.2	4.5	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR4	15:58:08	1.0	Surface	1	2	26.43	8.08	24.85	87.7	6.14	4.8	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR4	15:57:59	2.6	Bottom	3	1	26.27	8.08	25.33	87.4	6.12	5.8	5.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR4	15:58:17	2.6	Bottom	3	2	26.34	8.08	25.04	88.2	6.18	5.5	3.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR5	16:56:53	1.0	Surface	1	1	22.51	8.03	24.6	88.7	6.62	4.3	3.7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR5	16:57:13	1.0	Surface	1	2	22.53	8.04	24.33	89.9	6.67	4.5	3.9
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR5	16:56:46	4.1	Bottom	3	1	22.56	8.01	27.28	88.2	6.56	4.7	4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR5	16:57:05	4.1	Bottom	3	2	22.47	8.02	27.27	88.8	6.61	4.8	3.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:38:35	1.0	Surface	1	1	26.14	8.08	24.06	88.2	6.23	2.5	2.4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:39:26	1.0	Surface	1	2	26.19	8.08	24.23	87.3	6.15	2.8	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:39:15	3.4	Middle	2	1	26.02	8.07	25.48	86.3	6.06	2.5	3.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:38:27	3.4	Middle	2	2	26.02	8.06	25.51	87.6	6.15	2.4	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:38:17	5.7	Bottom	3	1	25.99	8.05	26.96	85	5.92	2.4	2.9
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10A	17:39:05	5.7	Bottom	3	2	25.89	8.04	27.1	86.2	6.01	2.5	2.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10B	17:51:50	1.0	Surface	1	1	26.15	8.07	24.47	88	6.2	2.7	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10B	17:51:35	1.0	Surface	1	2	26.17	8.07	24.57	88.2	6.21	2.6	4.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10B	17:51:42	3.7	Bottom	3	1	26.12	8.06	25.67	87	6.1	2.6	6.6
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	SR10B	17:51:24	3.7	Bottom	3	2	26.05	8.06	25.72	88	6.17	2.7	5.5
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:32	1.0	Surface	1	1	22.82	8.06	23.14	86.4	6.4	2.3	7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:56	1.0	Surface	1	2	22.79	8.05	23.01	86	6.47	2.4	6.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:20	4.0	Middle	2	1	22.76	8.07	24.75	85.9	6.42	2.6	3.1
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:50	4.0	Middle	2	2	22.73	8.04	24.76	85.7	6.33	2.5	3.7
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:11	7.0	Bottom	3	1	22.73	8.06	26.43	84.7	6.33	2.8	4
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS2	15:46:44	7.0	Bottom	3	2	22.75	8.02	26.73	85	6.41	2.9	4.3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:57:02	1.0	Surface	1	1	26.19	8.09	24.28	85.5	6.03	2.7	8.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:57:41	1.0	Surface	1	2	26.18	8.09	24.33	85.4	6.02	2.9	9.2
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:56:45	6.9	Middle	2	1	25.87	8.05	27.42	84.4	5.88	3	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	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:57:25	6.9	Middle	2	2	25.86	8.05	28.65	83.7	5.79	3.2	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:57:15	12.7	Bottom	3	1	25.91	8.03	29.36	83.5	5.75	2.9	3
HKLR	HY/2011/03	2015-11-23	Mid-Flood	Sunny	CS(Mf)5	16:56:38	12.7	Bottom	3	2	25.92	8.03	29.23	83.6	5.76	2.9	2.3
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:09:09	1.0	Surface	1	1	25.64	8.04	25.31	84.8	6	12.1	26.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:09:33	1.0	Surface	1	2	25.64	8.04	25.3	83.8	5.93	12.2	29.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:09:01	4.3	Middle	2	1	25.59	8.04	25.36	83.6	5.92	12.3	28.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:09:23	4.3	Middle	2	2	25.59	8.04	25.36	83.7	5.93	12.2	29.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:09:16	7.6	Bottom	3	1	25.63	8.04	25.33	83.7	5.93	12.4	28.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS5	13:08:54	7.6	Bottom	3	2	25.59	8.04	25.35	84	5.95	12.4	30.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)6	13:00:30	1.0	Surface	1	1	25.66	8.04	25.22	88.4	6.26	13.5	23.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)6	13:00:15	1.0	Surface	1	2	25.66	8.04	25.22	88.8	6.28	13.9	23.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)6	13:00:05	2.0	Bottom	3	1	25.68	8.04	25.23	88.9	6.29	13.5	25.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)6	13:00:22	2.0	Bottom	3	2	25.66	8.04	25.23	88.4	6.26	13.2	26.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS7	12:53:26	1.0	Surface	1	1	25.7	8.05	25.22	87.9	6.22	4.2	24.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS7	12:53:11	1.0	Surface	1	2	25.69	8.05	25.17	87.9	6.22	4.1	22.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS7	12:53:19	2.2	Bottom	3	1	25.71	8.04	25.44	88.1	6.22	4.4	16.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS7	12:53:05	2.2	Bottom	3	2	25.69	8.05	25.27	88.4	6.25	4.4	16.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS8	12:29:57	1.0	Surface	1	1	25.76	8.03	25.25	89.3	6.31	6.1	17.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS8	12:30:09	1.0	Surface	1	2	25.75	8.03	25.25	86.9	6.14	5.5	18.6
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS8	12:29:48	3.0	Bottom	3	1	25.75	8.03	25.27	87.3	6.17	6.3	18.1
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS8	12:30:01	3.0	Bottom	3	2	25.76	8.03	25.26	87.6	6.19	5.8	19.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)9	12:47:05	1.0	Surface	1	1	25.69	8.05	25.18	89.8	6.35	4.6	14.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)9	12:46:53	1.0	Surface	1	2	25.69	8.05	25.17	91	6.44	4.6	15.9
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)9	12:46:46	2.8	Bottom	3	1	25.68	8.04	25.25	90.9	6.43	4.4	19
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS(Mf)9	12:46:58	2.8	Bottom	3	2	25.69	8.05	25.24	90.1	6.38	4.4	20.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:01:51	1.0	Surface	1	1	22.29	8.04	21.05	87.5	6.74	7.3	16
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:02:31	1.0	Surface	1	2	22.27	8.03	20.99	86.5	6.66	7.2	16.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:02:13	5.3	Middle	2	1	22.25	8.03	22.83	85.7	6.53	8.3	16.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:01:34	5.3	Middle	2	2	22.27	8.03	22.73	86.4	6.59	8.8	16.1
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:01:27	9.6	Bottom	3	1	22.27	8.02	23.81	87.3	6.62	8.5	17.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	IS10	12:02:00	9.6	Bottom	3	2	22.27	8.02	23.79	87.3	6.61	8.4	16.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR3	13:20:26	0.6	Middle	2	1	25.67	8.04	25.27	84.7	6	11.6	26.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR3	13:20:22	0.6	Middle	2	2	25.67	8.04	25.27	85.1	6.02	11.7	25.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR4	12:36:06	1.0	Surface	1	1	25.76	8.04	25.26	86.8	6.14	5.5	25.9
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR4	12:36:21	1.0	Surface	1	2	25.75	8.04	25.27	87.7	6.19	5.5	22.9
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR4	12:35:58	2.7	Bottom	3	1	25.76	8.04	25.27	87.2	6.16	5.4	17.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR4	12:36:13	2.7	Bottom	3	2	25.75	8.04	25.28	86.9	6.14	5.6	17.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR5	12:11:26	1.0	Surface	1	1	22.28	8.03	20.82	86.4	6.66	6.7	17.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR5	12:12:02	1.0	Surface	1	2	22.24	8.02	20.91	87.4	6.74	6.4	17.1
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR5	12:11:37	4.0	Bottom	3	1	22.26	8.02	21.42	87.5	6.72	7.9	19
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR5	12:11:11	4.0	Bottom	3	2	22.24	8.02	21.37	87	6.69	7.5	18.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:11:37	1.0	Surface	1	1	25.73	8.02	28.3	84.7	5.88	4.3	18.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:11:13	1.0	Surface	1	2	25.74	8.02	28.3	81.5	5.66	4.1	18.6
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:11:03	3.3	Middle	2	1	25.73	8.02	28.34	81.2	5.64	4.3	23.8
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:11:27	3.3	Middle	2	2	25.73	8.02	28.33	82.8	5.76	4.3	25.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:10:58	5.6	Bottom	3	1	25.75	8.01	28.32	81.3	5.65	4.2	23.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10A	11:11:21	5.6	Bottom	3	2	25.74	8.02	28.34	81.3	5.64	4.2	25
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10B	11:01:50	1.0	Surface	1	1	25.72	7.99	28.52	84.9	5.89	4.1	17.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10B	11:01:36	1.0	Surface	1	2	25.73	7.97	28.53	83.9	5.82	3.9	18.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10B	11:01:42	4.1	Bottom	3	1	25.73	7.98	28.55	82.3	5.71	4.1	23.1
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	SR10B	11:01:29	4.1	Bottom	3	2	25.74	7.97	28.55	81.7	5.67	3.9	21.2
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS2	13:29:43	1.0	Surface	1	1	22.33	8.04	19.87	85.2	6.6	10.5	18.5

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	2015-11-25	Mid-Ebb	Sunny	CS2	13:29:04	1.0	Surface	1	2	22.32	8.04	19.95	85.8	6.64	10.9	17.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS2	13:29:30	3.9	Middle	2	1	22.26	8.03	21.72	84.8	6.51	12.2	16.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS2	13:28:51	3.9	Middle	2	2	22.27	8.03	21.71	84.8	6.5	11.8	16.9
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS2	13:28:34	6.7	Bottom	3	1	22.29	8.01	22.01	85	6.51	14.6	19.9
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS2	13:29:15	6.7	Bottom	3	2	22.3	8.02	22.48	85.2	6.5	14.8	20.4
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:54:14	1.0	Surface	1	1	25.77	7.99	24.9	81.9	5.8	6.5	18
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:54:51	1.0	Surface	1	2	25.75	8	25.12	81.7	5.78	6.5	17.3
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:54:01	6.3	Middle	2	1	25.72	7.97	26.76	82.6	5.79	6.5	17.5
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:54:39	6.3	Middle	2	2	25.72	7.98	26.77	81.9	5.74	6.6	17
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:54:30	11.5	Bottom	3	1	25.73	7.97	26.99	80.6	5.64	6.6	18.7
HKLR	HY/2011/03	2015-11-25	Mid-Ebb	Sunny	CS(Mf)5	11:53:51	11.5	Bottom	3	2	25.72	7.96	26.81	81.5	5.71	6.4	17.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:41:35	1.0	Surface	1	1	25.6	8.13	27.23	85.7	6	12	30.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:42:05	1.0	Surface	1	2	25.6	8.12	27.2	85.5	5.99	12.2	28.1
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:41:56	4.3	Middle	2	1	25.6	8.13	27.26	85.5	5.99	12	30
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:41:26	4.3	Middle	2	2	25.6	8.14	27.29	85.1	5.96	12.1	27.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:41:44	7.6	Bottom	3	1	25.6	8.13	27.26	85.2	5.97	11.9	22.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS5	16:41:16	7.6	Bottom	3	2	25.6	8.14	27.3	85.5	5.99	12	24
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)6	16:48:29	1.0	Surface	1	1	25.59	8.1	26.68	92.1	6.47	9.9	26
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)6	16:48:47	1.0	Surface	1	2	25.59	8.1	26.7	90	6.33	10	28.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)6	16:48:20	2.2	Bottom	3	1	25.6	8.1	26.72	92.1	6.47	10	20.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)6	16:48:37	2.2	Bottom	3	2	25.6	8.1	26.76	90.1	6.33	9.8	21.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS7	16:56:11	1.0	Surface	1	1	25.6	8.09	26.47	93.1	6.55	8.8	28.2
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS7	16:55:59	1.0	Surface	1	2	25.6	8.09	26.46	94.3	6.64	8.7	29.2
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS7	16:55:51	2.3	Bottom	3	1	25.6	8.09	26.45	94.9	6.68	8.8	22.3
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS7	16:56:04	2.3	Bottom	3	2	25.61	8.09	26.46	93.5	6.58	8.7	22.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS8	17:20:57	1.0	Surface	1	1	25.63	8.05	25.18	83.9	5.94	5.8	16.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS8	17:20:44	1.0	Surface	1	2	25.62	8.05	25.16	83.5	5.91	6.2	17.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS8	17:20:37	3.1	Bottom	3	1	25.61	8.05	25.19	83.8	5.94	6	17.1
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS8	17:20:49	3.1	Bottom	3	2	25.63	8.05	25.33	83.2	5.89	5.9	17.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)9	17:03:20	1.0	Surface	1	1	25.65	8.06	25.23	88.1	6.24	5.4	16.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)9	17:03:36	1.0	Surface	1	2	25.67	8.06	25.36	87.4	6.18	5.4	16.7
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)9	17:03:29	2.7	Bottom	3	1	25.66	8.06	25.43	87	6.15	5.5	22.3
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS(Mf)9	17:03:13	2.7	Bottom	3	2	25.66	8.06	25.36	87.5	6.19	5.5	20.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:54	1.0	Surface	1	1	22.28	8.09	21.65	87.9	6.74	9	22.2
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:24	1.0	Surface	1	2	22.28	8.09	21.66	88	6.75	8.6	24.1
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:11	5.3	Middle	2	1	22.38	8.08	22.86	88.4	6.72	11.7	20.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:42	5.3	Middle	2	2	22.37	8.08	22.76	88	6.69	10.7	18.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:04	9.6	Bottom	3	1	22.38	8.07	23.18	88.8	6.74	12.2	17.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	IS10	17:54:32	9.6	Bottom	3	2	22.31	8.08	22.77	88.4	6.73	11.9	17.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR3	16:31:01	0.7	Middle	2	1	25.6	8.22	26.99	88.1	6.18	11.2	23.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR3	16:30:57	0.7	Middle	2	2	25.6	8.23	26.99	88.6	6.22	11.4	23.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR4	17:13:46	1.0	Surface	1	1	25.62	8.05	25.17	86	6.09	6.5	20
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR4	17:13:33	1.0	Surface	1	2	25.62	8.05	25.18	84.2	5.97	6.5	20.7
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR4	17:13:39	2.9	Bottom	3	1	25.63	8.05	25.28	84.5	5.98	6.2	16.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR4	17:13:27	2.9	Bottom	3	2	25.61	8.05	25.26	84.1	5.96	6.5	16.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR5	17:46:41	1.0	Surface	1	1	22.27	8.09	22.16	88.7	6.78	6.8	17.3
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR5	17:46:22	1.0	Surface	1	2	22.26	8.08	22.26	88.8	6.79	6.8	18.7
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR5	17:46:04	4.1	Bottom	3	1	22.34	8.08	23.33	89.1	6.76	8.7	17.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR5	17:46:30	4.1	Bottom	3	2	22.31	8.08	23.07	89.2	6.78	8.1	18.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:31:41	1.0	Surface	1	1	25.65	8.06	25.48	87.3	6.17	3.8	20.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:32:01	1.0	Surface	1	2	25.69	8.06	25.52	88.8	6.27	4	20.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:31:31	3.3	Middle	2	1	25.69	8.06	25.54	86.3	6.09	3.9	20

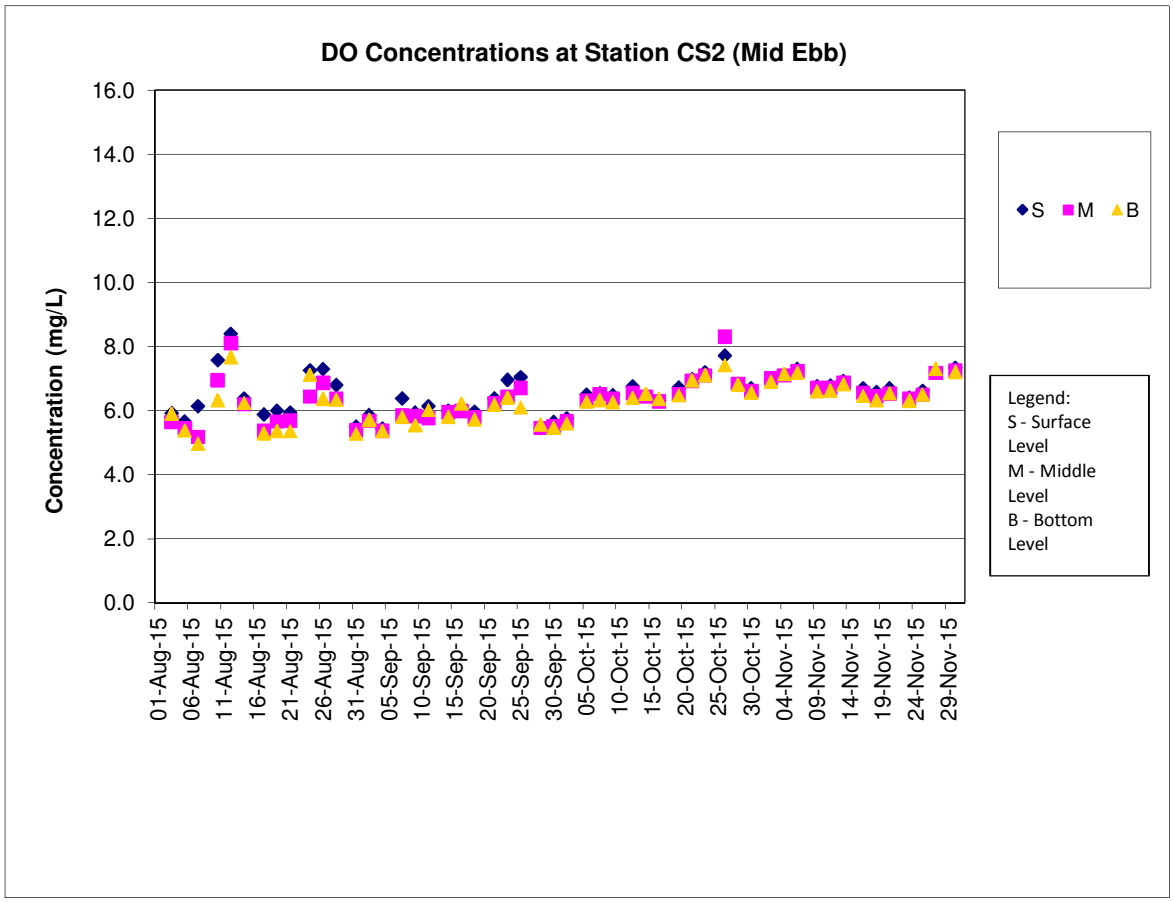
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:31:54	3.3	Middle	2	2	25.74	8.06	25.59	87.5	6.17	3.9	18.7
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:31:20	5.5	Bottom	3	1	25.68	8.05	27.03	85.5	5.99	3.9	4.1
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10A	18:31:48	5.5	Bottom	3	2	25.68	8.05	27.09	85.8	6.01	3.9	4.6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10B	18:41:10	1.0	Surface	1	1	25.7	8.06	25.47	86.8	6.13	4.1	4.1
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10B	18:41:37	1.0	Surface	1	2	25.69	8.06	25.47	88.5	6.25	4.1	3.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10B	18:41:02	4.3	Bottom	3	1	25.72	8.05	26.54	85.2	5.98	4.1	4.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	SR10B	18:41:26	4.3	Bottom	3	2	25.8	8.04	26.61	85.8	6.01	4.1	3.9
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:29:47	1.0	Surface	1	1	22.17	8.18	25.3	91.6	6.89	6.6	6.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:30:32	1.0	Surface	1	2	22.18	8.12	25.19	88.8	6.69	6.5	6.2
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:30:15	3.8	Middle	2	1	22.27	8.13	25.44	88.8	6.67	7.9	6.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:29:30	3.8	Middle	2	2	22.23	8.23	25.5	94.5	7.1	8	6
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:29:20	6.6	Bottom	3	1	22.28	8.3	26.15	99.9	7.47	8.5	5.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS2	16:30:04	6.6	Bottom	3	2	22.31	8.14	26.1	89.5	6.69	8.8	5.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:56:46	1.0	Surface	1	1	25.65	8.08	25.47	85	6.01	3.6	3.5
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:56:10	1.0	Surface	1	2	25.69	8.08	25.46	85	6	3.7	4.3
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:56:29	6.2	Middle	2	1	25.78	8.06	27.32	83.8	5.85	3.7	3.8
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:55:59	6.2	Middle	2	2	25.77	8.06	27.32	83.2	5.81	3.8	4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:56:19	11.3	Bottom	3	1	25.74	8.04	29.09	84.1	5.82	3.7	5.4
HKLR	HY/2011/03	2015-11-25	Mid-Flood	Cloudy	CS(Mf)5	17:55:49	11.3	Bottom	3	2	25.74	8.04	29.08	83.6	5.78	3.9	6.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:24:52	1.0	Surface	1	1	23.37	8.1	24.88	86.3	6.37	7.5	7.1
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:25:25	1.0	Surface	1	2	23.36	8.09	24.96	85.1	6.28	7.4	7.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:24:45	4.6	Middle	2	1	23.36	8.1	24.93	85.5	6.31	7.7	6.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:25:09	4.6	Middle	2	2	23.36	8.1	25.04	85	6.27	7.5	7.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:25:02	8.1	Bottom	3	1	23.36	8.1	24.99	84.9	6.26	7.7	7.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS5	12:24:34	8.1	Bottom	3	2	23.37	8.11	24.86	85.3	6.3	7.8	7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)6	12:30:33	1.0	Surface	1	1	23.43	8.07	25.34	85.8	6.31	9	8.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)6	12:30:42	1.0	Surface	1	2	23.43	8.07	25.33	85.7	6.3	9	7.1
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)6	12:30:28	2.4	Bottom	3	1	23.41	8.07	25.34	85.8	6.31	9	8.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)6	12:30:37	2.4	Bottom	3	2	23.43	8.07	25.34	85.6	6.3	9.2	7.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS7	12:36:24	1.0	Surface	1	1	23.25	8.07	24.73	88.9	6.58	6.1	4.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS7	12:36:16	1.0	Surface	1	2	23.25	8.07	24.71	88.7	6.57	6.3	5.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS7	12:36:20	2.4	Bottom	3	1	23.28	8.07	24.7	88.6	6.56	6.3	6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS7	12:36:12	2.4	Bottom	3	2	23.28	8.07	24.69	88.3	6.54	6.5	5.9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS8	12:53:32	1.0	Surface	1	1	23.53	8.09	25.1	88.5	6.51	4.7	4.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS8	12:53:41	1.0	Surface	1	2	23.55	8.09	25	91.6	6.74	4.7	4.2
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS8	12:53:37	2.2	Bottom	3	1	23.52	8.09	25.92	88.4	6.47	4.7	4.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS8	12:53:28	2.2	Bottom	3	2	23.53	8.09	25.11	88.2	6.48	4.7	4.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)9	12:42:35	1.0	Surface	1	1	23.66	8.07	25.09	90.4	6.63	5	3.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)9	12:42:59	1.0	Surface	1	2	23.65	8.07	25.11	89	6.53	5.1	4.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)9	12:42:51	2.4	Bottom	3	1	23.67	8.07	25.16	88.6	6.5	5.2	4.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS(Mf)9	12:42:30	2.4	Bottom	3	2	23.66	8.07	25.1	90	6.6	5.1	4.9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:47:25	1.0	Surface	1	1	20.51	8.18	23.64	91.7	7.19	6.4	4.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:46:50	1.0	Surface	1	2	20.62	8.18	23.51	91.7	7.18	6.1	4.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:46:41	5.4	Middle	2	1	20.9	8.16	26.25	92.3	7.07	6.8	4.4
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:47:14	5.4	Middle	2	2	20.86	8.17	25.99	91.6	7.04	7	6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:47:06	9.7	Bottom	3	1	20.9	8.16	26.3	92.2	7.06	7.5	5.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	IS10	13:46:32	9.7	Bottom	3	2	20.91	8.14	26.61	92.9	7.1	7.3	5.9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR3	12:16:58	0.8	Middle	2	1	23.4	8.19	23.98	87.3	6.48	7.3	7.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR3	12:16:55	0.8	Middle	2	2	23.4	8.2	23.94	87	6.46	7.2	6.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR4	12:48:45	1.0	Surface	1	1	23.55	8.09	25.35	89.8	6.59	5	4.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR4	12:48:34	1.0	Surface	1	2	23.56	8.08	25.49	91	6.68	5.1	5.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR4	12:48:38	2.3	Bottom	3	1	23.55	8.08	25.53	89.4	6.56	5.2	5.1

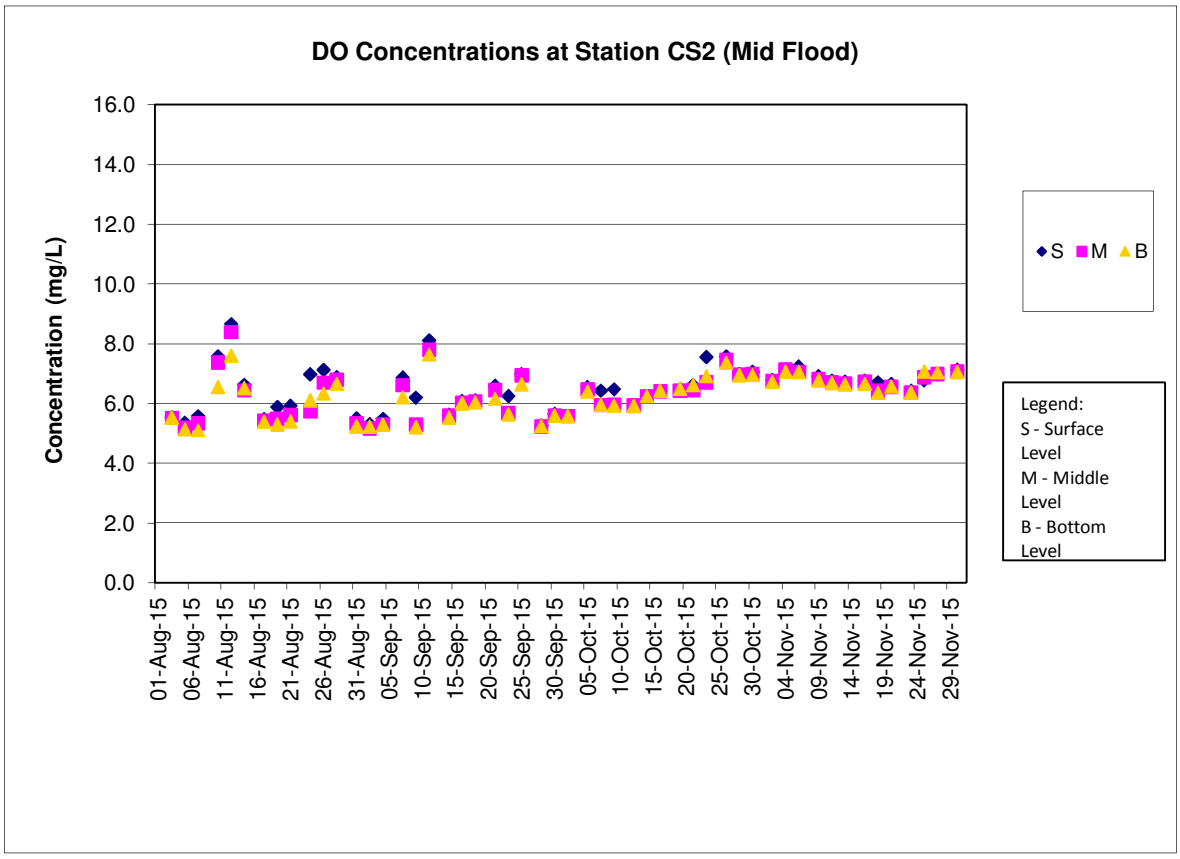
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR4	12:48:28	2.3	Bottom	3	2	23.54	8.08	25.41	90.3	6.62	5.1	4.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR5	13:38:55	1.0	Surface	1	1	20.51	8.17	24.17	92.6	7.23	6	5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR5	13:38:30	1.0	Surface	1	2	20.57	8.17	24.66	92.9	7.22	6.1	4
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR5	13:38:43	4.3	Bottom	3	1	20.77	8.15	26.68	93	7.12	6.4	4.9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR5	13:38:22	4.3	Bottom	3	2	20.78	8.15	27.11	93.6	7.15	6.3	5.1
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:15:57	1.0	Surface	1	1	24.22	8.12	26.96	89	6.39	5	5.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:16:38	1.0	Surface	1	2	24.2	8.13	26.97	84.4	6.07	5	5.2
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:16:27	3.0	Middle	2	1	24.63	8.1	28.59	84.3	5.95	5.1	6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:15:47	3.0	Middle	2	2	24.58	8.11	28.02	87.4	6.2	5.3	7.2
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:15:41	5.0	Bottom	3	1	24.48	8.1	28.97	86.3	6.1	5.3	7.2
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10A	14:16:19	5.0	Bottom	3	2	24.62	8.1	28.88	83.7	5.91	5.4	8.2
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10B	14:24:29	1.0	Surface	1	1	24.17	8.12	27.02	87.2	6.27	4.8	8.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10B	14:23:59	1.0	Surface	1	2	24.33	8.12	26.88	88.8	6.31	4.9	8.9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10B	14:24:13	3.6	Bottom	3	1	24.56	8.1	28.5	86.3	6.11	4.8	8.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	SR10B	14:23:51	3.6	Bottom	3	2	24.33	8.1	28.65	85.8	6.16	5.1	8.7
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:23:06	1.0	Surface	1	1	20.79	8.24	30.88	97	7.25	6	4.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:23:48	1.0	Surface	1	2	20.67	8.21	29.99	94.8	7.13	5.7	5.5
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:23:33	3.9	Middle	2	1	20.82	8.22	30.74	94.3	7.05	6.9	5.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:22:55	3.9	Middle	2	2	20.84	8.27	31.45	98.5	7.32	6.8	5.4
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:23:22	6.7	Bottom	3	1	20.91	8.22	31.71	95.3	7.07	7.3	6.1
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS2	12:22:43	6.7	Bottom	3	2	20.91	8.3	31.87	102	7.56	7.4	5.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:47:25	1.0	Surface	1	1	24.47	8.12	27.26	84	5.92	5.2	7.6
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:46:36	1.0	Surface	1	2	24.31	8.13	27.28	86.3	6.12	5	7.8
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:47:16	6.7	Middle	2	1	24.63	8.11	29.13	82.6	5.87	5.3	8.1
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:46:24	6.7	Middle	2	2	24.62	8.11	29.15	85.4	6.08	5.1	8.3
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:47:00	12.3	Bottom	3	1	24.63	8.1	29.31	82.2	5.82	5.3	9
HKLR	HY/2011/03	2015-11-27	Mid-Ebb	Fine	CS(Mf)5	13:46:14	12.3	Bottom	3	2	24.59	8.1	29.17	83.7	5.9	5.4	7.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:58	1.0	Surface	1	1	23.18	8.09	25.54	85.7	6.28	7.4	8.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:21	1.0	Surface	1	2	23.12	8.08	25.53	88	6.5	7.5	8.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:49	4.5	Middle	2	1	23.6	8.08	25.55	85.1	6.24	7.7	9.1
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:08	4.5	Middle	2	2	23.57	8.07	25.55	87.5	6.41	7.7	8.6
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:02	8.0	Bottom	3	1	23.44	8.06	26.9	86.2	6.29	7.8	8.6
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS5	09:02:42	8.0	Bottom	3	2	23.63	8.06	26.7	84.4	6.18	7.7	8.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)6	08:55:20	1.0	Surface	1	1	23.19	8.07	25.38	89.3	6.6	8.6	8.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)6	08:55:13	1.0	Surface	1	2	23.19	8.08	25.37	90.1	6.66	8.5	8.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)6	08:55:09	2.3	Bottom	3	1	23.17	8.08	25.36	89.4	6.6	8.5	9.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)6	08:55:17	2.3	Bottom	3	2	23.17	8.07	25.38	88.8	6.56	8.7	8.3
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS7	08:48:30	1.0	Surface	1	1	23.37	8.08	25.63	89.6	6.59	10	8.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS7	08:48:00	1.0	Surface	1	2	23.4	8.08	25.61	89.9	6.61	10	8.3
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS7	08:47:56	2.4	Bottom	3	1	23.39	8.08	25.6	89.9	6.61	10.2	9.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS7	08:48:03	2.4	Bottom	3	2	23.4	8.08	25.61	87.9	6.46	10.3	9.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS8	08:27:53	1.0	Surface	1	1	23.38	8.1	26.49	88.5	6.48	7.6	9.3
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS8	08:27:43	1.0	Surface	1	2	23.34	8.1	26.38	88.9	6.51	7.7	8.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS8	08:27:39	2.3	Bottom	3	1	23.46	8.1	26.12	88.4	6.47	7.8	8.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS8	08:27:47	2.3	Bottom	3	2	23.31	8.1	26.41	88.3	6.47	7.8	9.6
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)9	08:40:44	1.0	Surface	1	1	23.51	8.07	26.05	95.9	7.01	6.5	5.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)9	08:40:51	1.0	Surface	1	2	23.48	8.08	26.02	93	6.8	6.5	5.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)9	08:40:37	2.3	Bottom	3	1	23.54	8.07	26.1	93.5	6.84	6.5	7.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS(Mf)9	08:40:47	2.3	Bottom	3	2	23.5	8.08	26.04	91.9	6.73	6.7	7.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:38:00	1.0	Surface	1	1	20.84	8.07	29.91	91.6	6.88	12.8	13.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:38:36	1.0	Surface	1	2	20.83	8.07	29.66	91.2	6.85	12.1	13.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:37:49	5.3	Middle	2	1	20.79	8.06	30.12	91.3	6.85	14.2	14

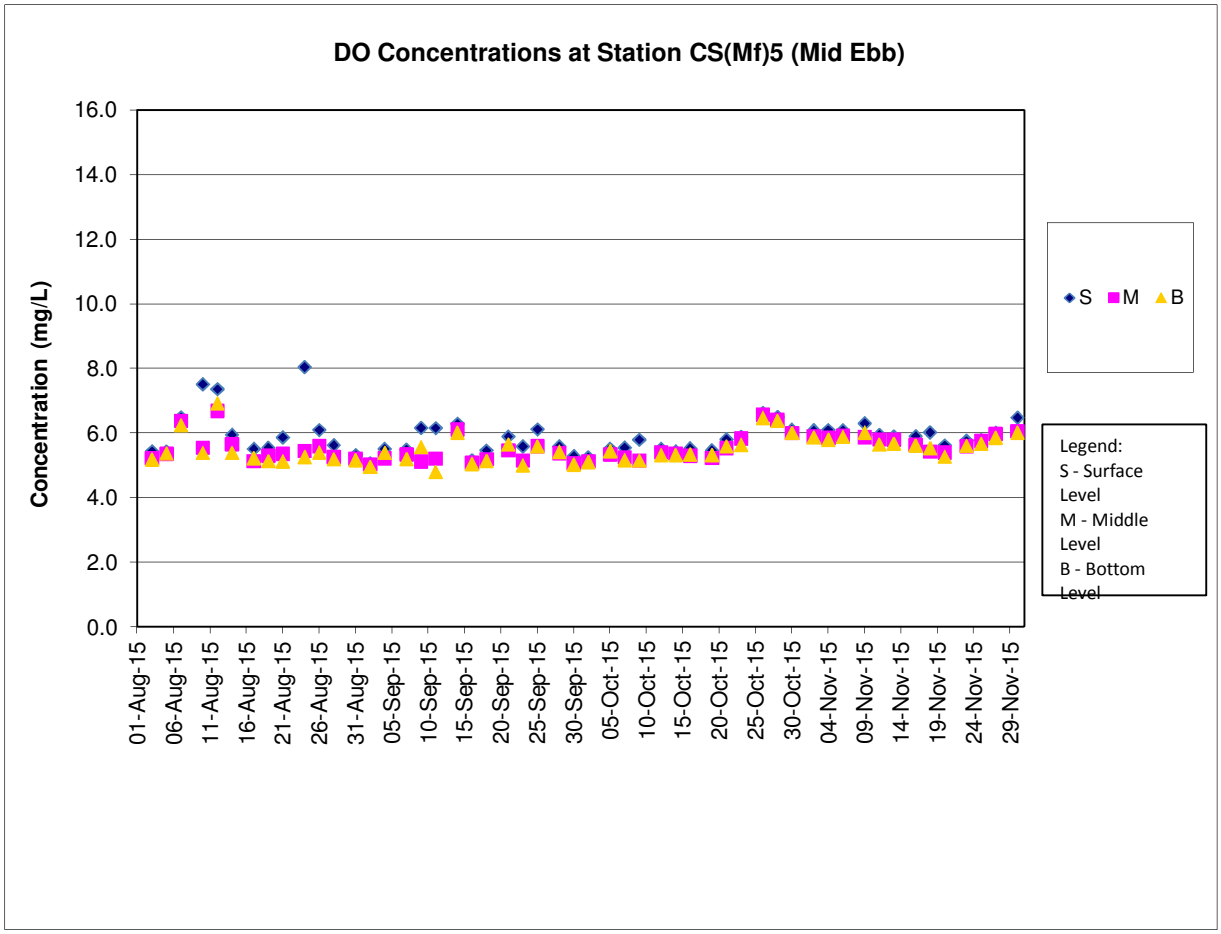
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:38:23	5.3	Middle	2	2	20.81	8.07	29.7	91.2	6.86	13.7	12.7
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:38:11	9.6	Bottom	3	1	20.8	8.07	29.85	91.3	6.86	13.4	12.1
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	IS10	08:37:44	9.6	Bottom	3	2	20.79	8.06	30.2	91.3	6.85	14.2	13.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR3	09:10:31	0.7	Middle	2	1	23.09	8.08	25.54	86.3	6.38	7.9	8.1
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR3	09:10:34	0.7	Middle	2	2	23.09	8.08	25.54	86.3	6.38	7.7	8.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR4	08:33:37	1.0	Surface	1	1	23.35	8.1	25.84	87.5	6.43	7.3	8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR4	08:33:44	1.0	Surface	1	2	23.3	8.1	25.84	86.9	6.39	7.2	7.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR4	08:33:32	2.4	Bottom	3	1	23.25	8.1	27.11	87.1	6.36	7.4	7
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR4	08:33:40	2.4	Bottom	3	2	23.21	8.1	26.83	86.9	6.36	7.3	7.3
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR5	08:47:06	1.0	Surface	1	1	20.79	8.08	29.67	91.3	6.87	13.3	13.6
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR5	08:47:24	1.0	Surface	1	2	20.78	8.09	29.54	91.2	6.87	12.8	13.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR5	08:46:54	4.1	Bottom	3	1	20.77	8.07	30.2	91	6.83	14.6	13.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR5	08:47:17	4.1	Bottom	3	2	20.77	8.08	29.6	91.1	6.86	12.5	13
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:26:58	1.0	Surface	1	1	24.16	8.1	27.69	88.9	6.35	6.6	7.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:26:20	1.0	Surface	1	2	24	8.1	27.52	88.4	6.32	6.7	7.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:26:49	3.1	Middle	2	1	24.27	8.1	27.83	87.3	6.26	6.7	7.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:26:08	3.1	Middle	2	2	24.26	8.1	27.81	86.3	6.2	6.8	7.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:25:56	5.1	Bottom	3	1	24.35	8.09	28.12	85.9	6.12	6.9	6.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10A	07:26:38	5.1	Bottom	3	2	24.33	8.09	28.06	86.1	6.14	6.8	8.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10B	07:20:06	1.0	Surface	1	1	24.03	8.08	27.3	89.5	6.38	6.8	7.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10B	07:19:06	1.0	Surface	1	2	24.09	8.06	27.18	88.6	6.37	6.7	7.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10B	07:19:53	4.2	Bottom	3	1	24.41	8.07	27.88	88.4	6.36	6.8	8.7
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	SR10B	07:18:55	4.2	Bottom	3	2	24.3	8.04	28.14	87.5	6.24	6.7	7.2
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:02:41	1.0	Surface	1	1	20.54	8.1	26.5	90.8	6.99	15.8	17.1
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:01:57	1.0	Surface	1	2	20.52	8.1	26.71	90.8	6.98	15.2	18
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:01:42	4.0	Middle	2	1	20.58	8.09	26.89	91.5	7.03	13.5	18
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:02:28	4.0	Middle	2	2	20.59	8.1	26.7	90.6	6.96	12.9	17.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:01:29	6.9	Bottom	3	1	20.59	8.09	26.82	91.8	7.05	13.5	17.5
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS2	10:02:12	6.9	Bottom	3	2	20.59	8.1	26.9	91.9	7.05	13.6	18.1
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:57:48	1.0	Surface	1	1	23.91	8.12	27.62	85.6	6.16	6.6	6.7
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:57:00	1.0	Surface	1	2	24.11	8.12	27.51	88.3	6.34	6.7	7.4
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:56:49	6.5	Middle	2	1	24.73	8.1	28.84	85.3	6	6.8	6.8
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:57:27	6.5	Middle	2	2	24.68	8.11	28.41	85.3	6.03	6.6	7.6
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:56:41	11.9	Bottom	3	1	24.61	8.09	29.3	84.5	5.96	7	7.9
HKLR	HY/2011/03	2015-11-27	Mid-Flood	Fine	CS(Mf)5	07:57:16	11.9	Bottom	3	2	24.73	8.09	29.3	84.6	5.94	6.8	6.7
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:18	1.0	Surface	1	1	23.86	8.14	27.56	88.2	6.35	3.5	2.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:47	1.0	Surface	1	2	23.85	8.15	27.58	87.6	6.23	3.5	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:08	4.7	Middle	2	1	23.88	8.11	29.99	88.1	6.25	3.6	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:37	4.7	Middle	2	2	23.87	8.12	29.92	86.4	6.2	3.5	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:00	8.3	Bottom	3	1	23.87	8.1	30.4	86.7	6.16	3.7	2.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS5	14:33:29	8.3	Bottom	3	2	23.88	8.11	30.52	85.7	6.09	3.8	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)6	14:40:56	1.0	Surface	1	1	23.85	8.14	27.79	91.5	6.59	3.1	2.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)6	14:40:48	1.0	Surface	1	2	23.84	8.14	27.78	91.5	6.59	2.9	2.7
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)6	14:40:52	2.2	Bottom	3	1	23.84	8.14	27.77	91.4	6.58	3.2	2.8
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)6	14:40:44	2.2	Bottom	3	2	23.84	8.14	27.74	91.3	6.57	3	2.7
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS7	14:46:35	1.0	Surface	1	1	23.86	8.14	28.01	90.7	6.52	3.2	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS7	14:46:27	1.0	Surface	1	2	23.87	8.14	28.08	90.5	6.5	3.1	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS7	14:46:31	2.5	Bottom	3	1	23.86	8.14	28.01	90.4	6.5	3.2	2.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS7	14:46:23	2.5	Bottom	3	2	23.86	8.14	28.03	90.2	6.48	3.1	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS8	15:04:12	1.0	Surface	1	1	23.86	8.15	28.08	90.4	6.5	3.1	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS8	15:04:05	1.0	Surface	1	2	23.86	8.15	28.08	90.9	6.53	3	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS8	15:04:01	2.5	Bottom	3	1	23.85	8.15	27.98	90.6	6.51	3	2.5

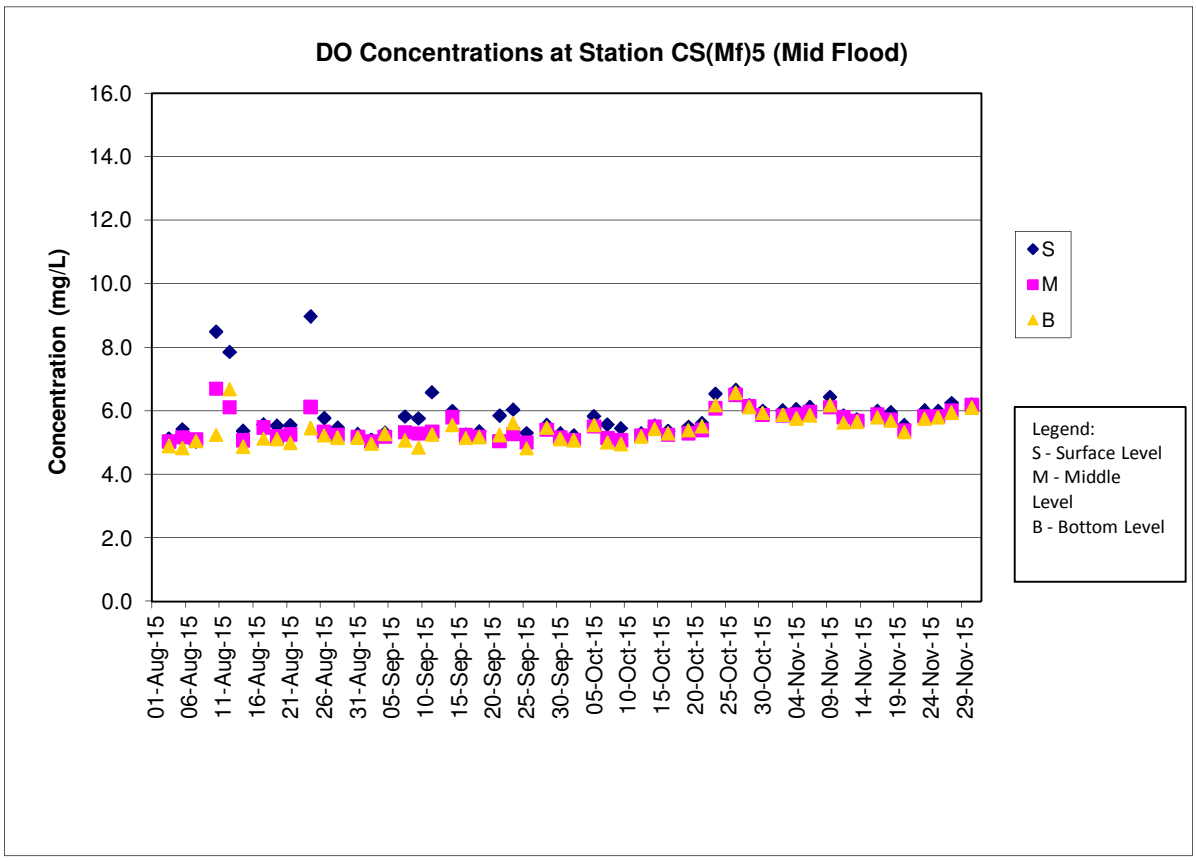
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS8	15:04:08	2.5	Bottom	3	2	23.85	8.15	28.04	90.2	6.48	3.3	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)9	14:51:18	1.0	Surface	1	1	23.85	8.15	27.98	91.2	6.56	3	4.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)9	14:51:27	1.0	Surface	1	2	23.86	8.15	28.11	91	6.54	3	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)9	14:51:14	2.5	Bottom	3	1	23.85	8.15	27.93	91.1	6.55	3	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS(Mf)9	14:51:22	2.5	Bottom	3	2	23.85	8.15	28.01	90.5	6.5	3	2.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:16:47	1.0	Surface	1	1	20.5	8.14	24.92	96.6	7.48	3.4	2.3
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:17:40	1.0	Surface	1	2	20.5	8.14	24.79	96.9	7.48	3.5	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:17:28	5.3	Middle	2	1	20.5	8.13	26.01	95.8	7.32	3.6	2.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:16:41	5.3	Middle	2	2	20.52	8.13	26.4	93.6	7.27	3.6	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:17:14	9.5	Bottom	3	1	20.54	8.1	27.73	93.5	7.22	3.9	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	IS10	16:16:31	9.5	Bottom	3	2	20.53	8.12	27.77	93.7	7.18	3.8	4.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR3	14:25:21	0.7	Middle	2	1	23.85	8.02	26.68	92.3	6.69	3	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR3	14:25:19	0.7	Middle	2	2	23.85	8.01	26.64	92.7	6.72	3	2.8
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR4	14:57:20	1.0	Surface	1	1	23.85	8.15	27.96	90.5	6.51	3	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR4	14:57:11	1.0	Surface	1	2	23.86	8.15	27.97	90.6	6.51	3.1	4.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR4	14:57:05	2.5	Bottom	3	1	23.85	8.15	28.01	90	6.47	3.1	2.7
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR4	14:57:15	2.5	Bottom	3	2	23.85	8.15	27.95	90.2	6.49	3.1	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR5	16:09:01	1.0	Surface	1	1	20.51	8.14	25.85	94.6	7.32	3.6	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR5	16:08:36	1.0	Surface	1	2	20.52	8.14	26.15	93.5	7.22	3.7	3.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR5	16:08:49	3.8	Bottom	3	1	20.51	8.13	27.68	94.2	7.21	3.6	3.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR5	16:08:25	3.8	Bottom	3	2	20.52	8.12	29.05	93.3	7.18	3.8	4.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:13	1.0	Surface	1	1	23.93	8.16	27.38	86.9	6.18	4	3.8
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:46	1.0	Surface	1	2	23.92	8.16	27.34	90.8	6.54	4	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:38	3.1	Middle	2	1	23.92	8.15	28.62	90.2	6.45	4	4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:05	3.1	Middle	2	2	23.96	8.13	29.44	85.8	6.15	4.3	4.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:01	5.2	Bottom	3	1	23.95	8.13	30.5	85.8	6.1	4.3	4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10A	16:19:31	5.2	Bottom	3	2	23.96	8.13	30.34	89.3	6.33	4.2	4.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10B	16:27:07	1.0	Surface	1	1	23.93	8.16	27.25	91.2	6.58	4	4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10B	16:26:53	1.0	Surface	1	2	23.94	8.15	27.26	90.7	6.54	4	3.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10B	16:26:58	4.1	Bottom	3	1	23.93	8.14	30.14	90.5	6.42	4	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	SR10B	16:26:48	4.1	Bottom	3	2	23.92	8.14	30.16	89	6.32	4	4.2
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:51:21	1.0	Surface	1	1	20.51	8.13	28.95	96.8	7.35	3.2	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:50:35	1.0	Surface	1	2	20.51	8.14	29	96.7	7.34	3	4.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:51:09	4.1	Middle	2	1	20.53	8.13	29.33	97.9	7.3	3.5	3.7
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:50:25	4.1	Middle	2	2	20.53	8.13	29.68	95.4	7.22	3.4	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:50:54	7.1	Bottom	3	1	20.53	8.1	31.76	95.8	7.24	3.6	4.1
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS2	14:50:14	7.1	Bottom	3	2	20.54	8.12	31.99	96.3	7.19	3.7	3.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:54:28	1.0	Surface	1	1	23.93	8.16	27.45	91.4	6.59	4	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:55:20	1.0	Surface	1	2	23.93	8.17	27.43	88.5	6.38	4.1	3.8
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:54:04	6.5	Middle	2	1	23.99	8.14	30.65	85.9	6.06	4.4	3.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:55:03	6.5	Middle	2	2	23.97	8.14	30.52	86.1	6.07	4.4	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:53:55	11.9	Bottom	3	1	23.99	8.13	30.86	84.9	6	4.5	4.5
HKLR	HY/2011/03	2015-11-30	Mid-Ebb	Fine	CS(Mf)5	15:54:47	11.9	Bottom	3	2	24.01	8.12	30.91	85.3	6.03	4.4	4.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:25:29	1.0	Surface	1	1	23.72	8.08	25.98	91.3	6.66	3.4	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:24:24	1.0	Surface	1	2	23.68	8.08	25.98	86.9	6.28	3.3	4.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:25:05	4.8	Middle	2	1	23.73	8.08	27.17	87.4	6.33	3.5	4.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:24:17	4.8	Middle	2	2	23.73	8.07	27.06	86.1	6.27	3.5	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:24:10	8.6	Bottom	3	1	23.72	8.06	27.6	85.9	6.23	3.6	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS5	11:24:55	8.6	Bottom	3	2	23.79	8.07	27.75	84.2	6.07	3.6	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)6	11:16:12	1.0	Surface	1	1	23.65	8.07	26.01	91.9	6.71	3.3	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)6	11:16:19	1.0	Surface	1	2	23.64	8.07	26.03	92	6.71	3.3	4.1
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)6	11:16:08	2.3	Bottom	3	1	23.66	8.07	26.01	91.8	6.7	3.3	3.6

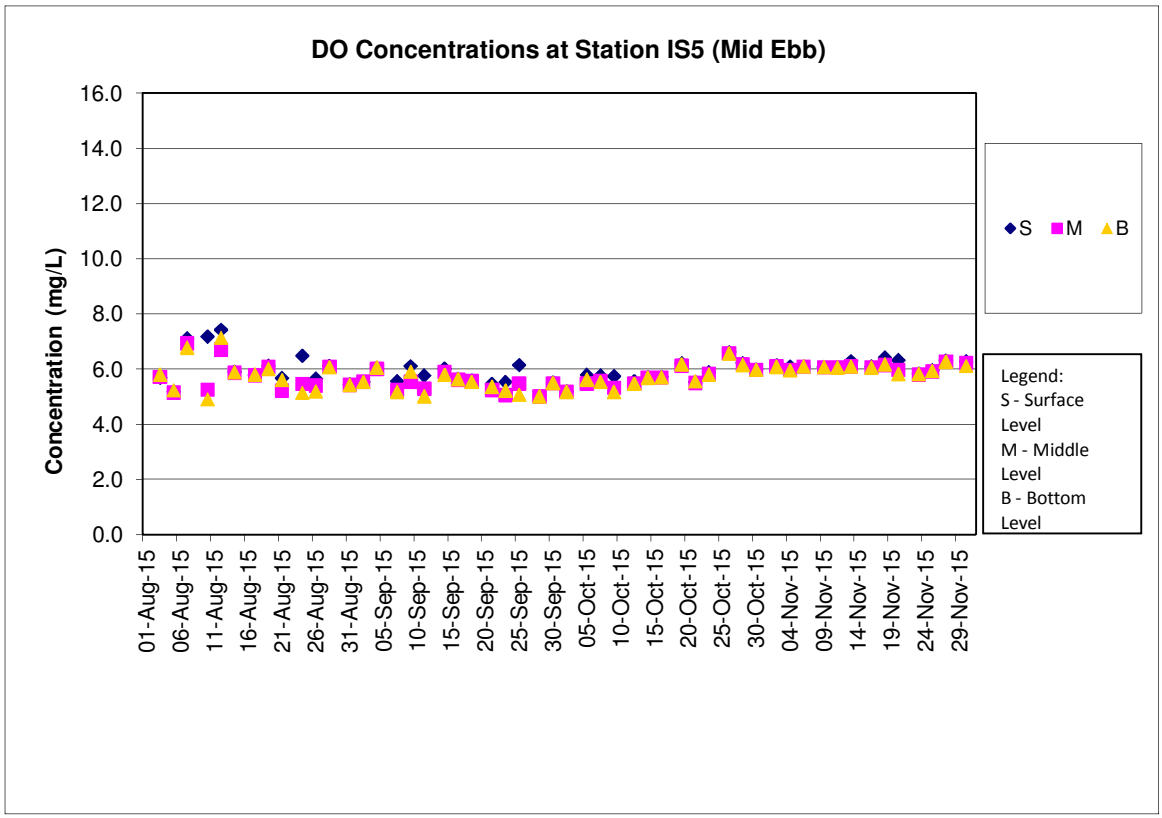
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)6	11:16:15	2.3	Bottom	3	2	23.66	8.07	26.02	91.7	6.69	3.3	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS7	11:11:26	1.0	Surface	1	1	23.65	8.08	25.95	92.5	6.75	3.3	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS7	11:11:16	1.0	Surface	1	2	23.63	8.07	26.08	92.4	6.74	3.4	4.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS7	11:11:20	2.3	Bottom	3	1	23.64	8.07	26.02	92.2	6.73	3.5	4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS7	11:11:12	2.3	Bottom	3	2	23.65	8.07	26	92.2	6.73	3.4	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS8	10:54:58	1.0	Surface	1	1	23.57	8.08	26.02	91.7	6.7	3.6	4.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS8	10:54:43	1.0	Surface	1	2	23.55	8.07	26.15	92.1	6.73	3.5	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS8	10:54:52	2.3	Bottom	3	1	23.55	8.07	26.16	91.5	6.68	3.6	4.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS8	10:54:39	2.3	Bottom	3	2	23.56	8.07	26.11	91.4	6.68	3.5	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)9	11:06:26	1.0	Surface	1	1	23.62	8.07	26.04	92.1	6.72	3.4	4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)9	11:06:18	1.0	Surface	1	2	23.62	8.07	26.05	91.7	6.69	3.5	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)9	11:06:21	2.3	Bottom	3	1	23.62	8.07	26.04	91.9	6.71	3.5	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS(Mf)9	11:06:14	2.3	Bottom	3	2	23.62	8.07	26.04	91.3	6.66	3.6	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:02:04	1.0	Surface	1	1	20.26	8.07	29.18	91.9	7	4.2	2.7
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:02:39	1.0	Surface	1	2	20.27	8.07	29.06	91.6	6.98	4.2	3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:01:55	5.3	Middle	2	1	20.29	8.07	29.42	92.7	6.97	4.6	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:02:29	5.3	Middle	2	2	20.29	8.07	29.35	91.9	7.01	4.8	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:02:18	9.6	Bottom	3	1	20.35	8.05	30.81	90.9	6.92	4.8	4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	IS10	11:01:43	9.6	Bottom	3	2	20.41	8.05	30.86	90.8	6.91	4.9	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR3	11:33:06	0.8	Middle	2	1	23.73	8.08	25.98	92	6.71	3.1	2.7
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR3	11:33:03	0.8	Middle	2	2	23.73	8.08	25.98	92	6.71	3.2	2.8
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR4	10:59:20	1.0	Surface	1	1	23.58	8.07	26.01	92.4	6.75	3.4	2.8
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR4	10:59:11	1.0	Surface	1	2	23.58	8.07	25.98	92.3	6.75	3.4	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR4	10:59:05	2.2	Bottom	3	1	23.57	8.07	26.01	90.9	6.64	3.5	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR4	10:59:16	2.2	Bottom	3	2	23.58	8.07	26.01	91.9	6.71	3.5	2.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR5	11:11:03	1.0	Surface	1	1	20.28	8.07	29.14	92	7.01	3.8	4.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR5	11:11:26	1.0	Surface	1	2	20.29	8.07	29.24	92	7.02	3.8	3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR5	11:10:48	4.0	Bottom	3	1	20.28	8.06	29.87	91.9	6.97	3.9	3.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR5	11:11:17	4.0	Bottom	3	2	20.26	8.06	29.83	91.9	6.96	3.9	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:59	1.0	Surface	1	1	23.5	8.02	25.01	86.1	6.34	4.6	4.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:19	1.0	Surface	1	2	23.53	8.01	25.01	85.9	6.3	4.4	3.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:45	3.3	Middle	2	1	23.68	8	26.25	85.7	6.24	4.8	2.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:09	3.3	Middle	2	2	23.66	8	26.19	85.7	6.25	4.6	3.2
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:03	5.5	Bottom	3	1	23.62	7.99	26.52	85.5	6.23	4.8	3.8
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10A	09:55:39	5.5	Bottom	3	2	23.7	7.99	26.49	85.6	6.23	4.8	2.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10B	09:49:39	1.0	Surface	1	1	23.49	7.95	24.95	87.1	6.42	4.4	2.6
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10B	09:49:04	1.0	Surface	1	2	23.54	7.9	24.9	88.1	6.45	4.6	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10B	09:49:17	4.1	Bottom	3	1	23.6	7.91	25.93	86.8	6.34	4.7	4.3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	SR10B	09:48:56	4.1	Bottom	3	2	23.52	7.87	25.9	87.2	6.42	4.8	3.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:25:01	1.0	Surface	1	1	20.31	8.08	27.53	93.1	7.16	3.9	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:24:33	1.0	Surface	1	2	20.3	8.08	28.27	93	7.12	3.8	3.8
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:24:28	4.1	Middle	2	1	20.28	8.07	28.13	92.8	7.1	4	3.7
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:24:54	4.1	Middle	2	2	20.25	8.07	27.99	92.1	7.07	4	2.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:24:18	7.1	Bottom	3	1	20.31	8.06	29.56	92.8	7.05	4	3.5
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS2	12:24:47	7.1	Bottom	3	2	20.26	8.07	28.5	92.3	7.07	4	3.4
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:23:47	1.0	Surface	1	1	23.54	8.07	25.37	86.2	6.22	4.5	3.7
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:21:59	1.0	Surface	1	2	23.58	8.06	25.19	85.7	6.19	4.4	3
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:21:49	6.6	Middle	2	1	23.86	8.04	26.98	84.3	6.16	4.6	2.8
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:23:34	6.6	Middle	2	2	23.87	8.06	27.08	86	6.22	4.5	2.9
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:21:39	12.1	Bottom	3	1	23.88	8.01	28.32	83.9	6.05	4.8	3.1
HKLR	HY/2011/03	2015-11-30	Mid-Flood	Fine	CS(Mf)5	10:23:21	12.1	Bottom	3	2	24.01	8.04	28.33	84.7	6.17	4.7	3.3

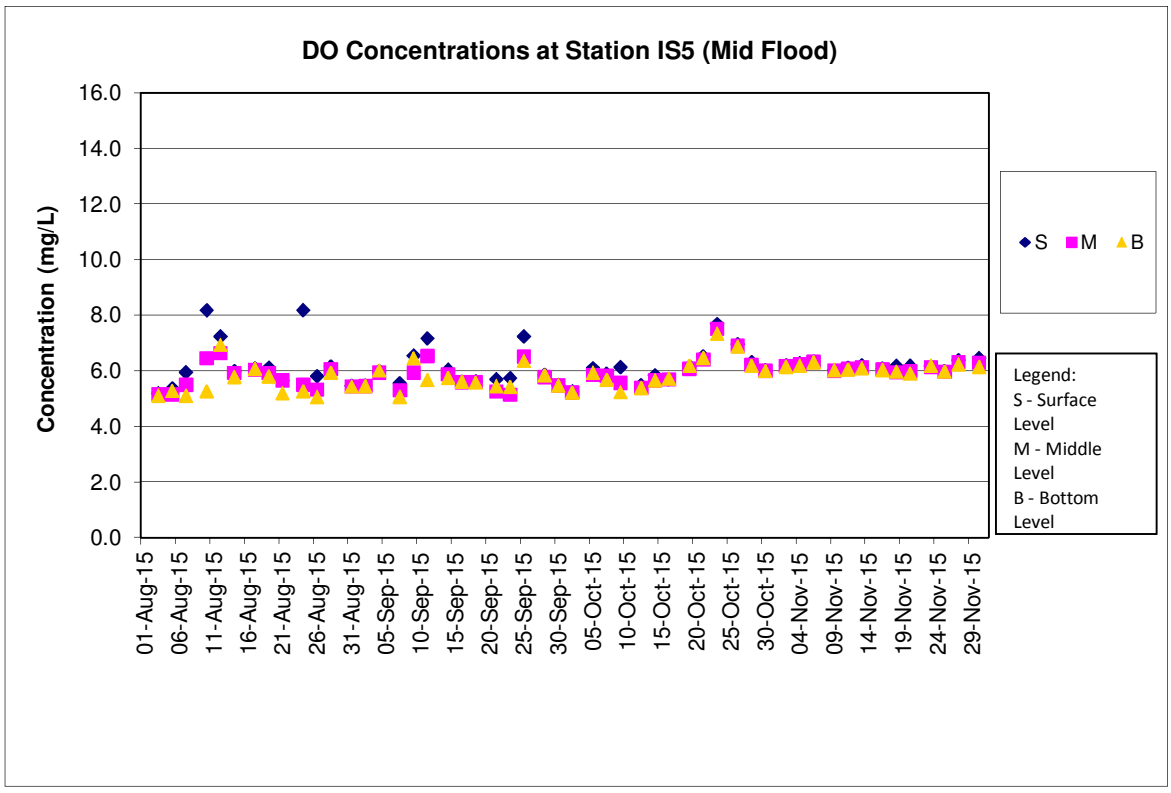

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

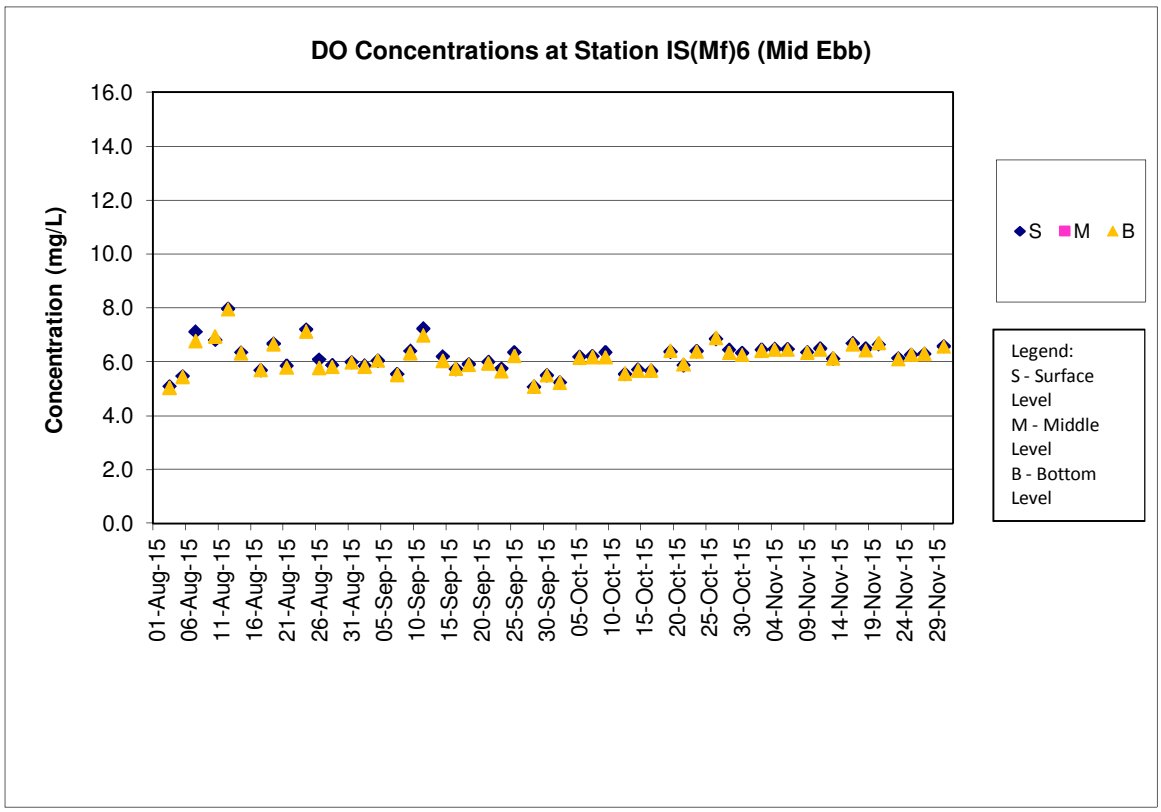

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

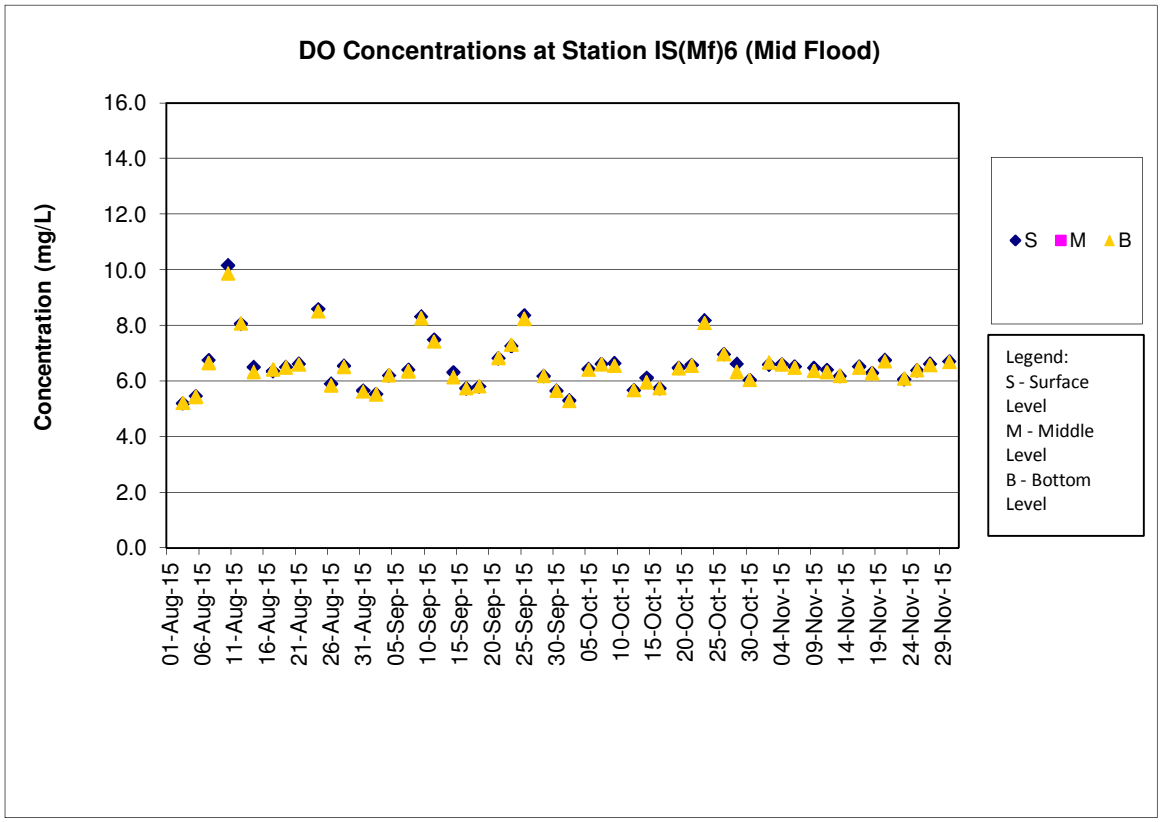

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

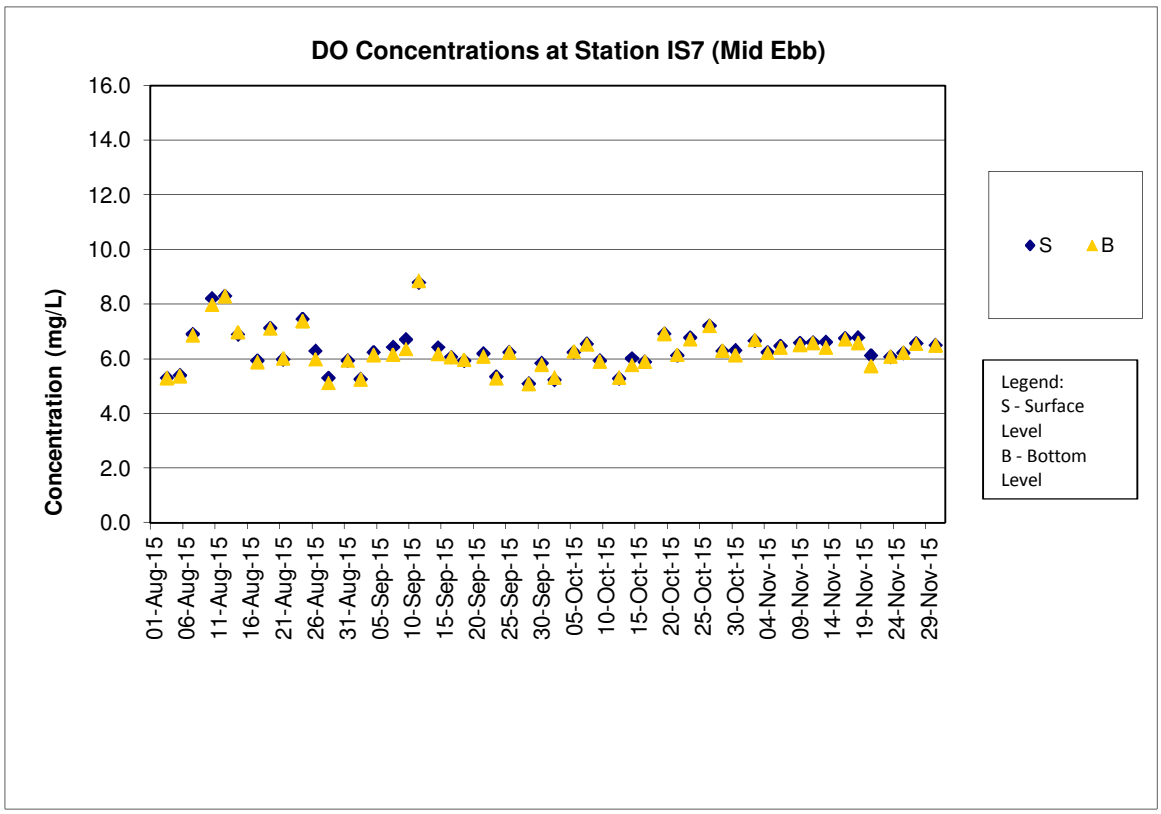

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

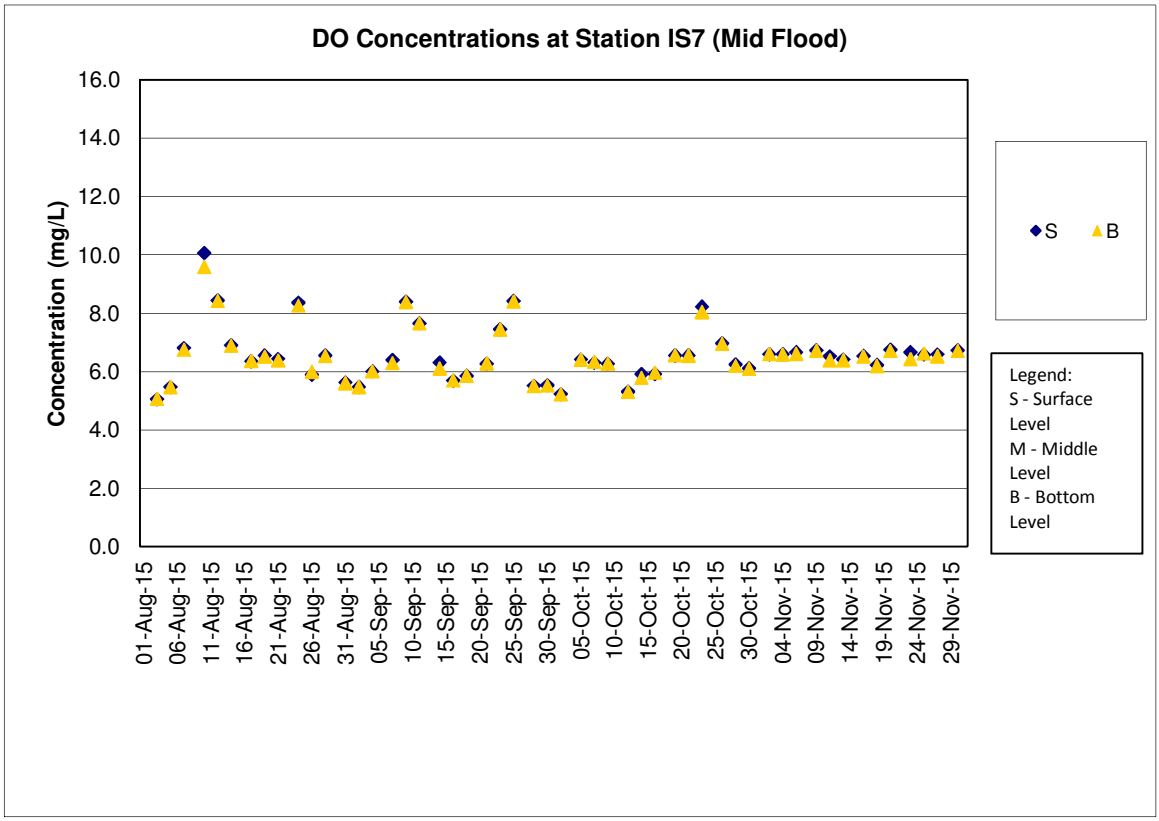

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

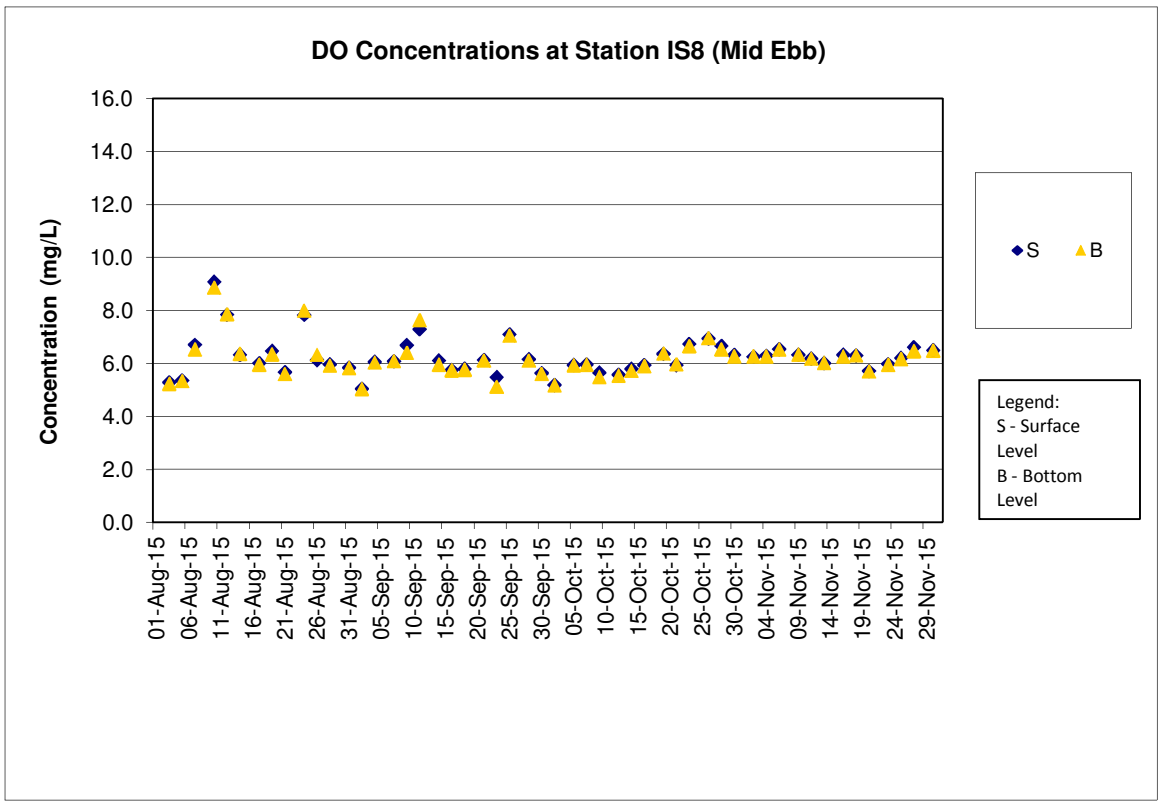

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

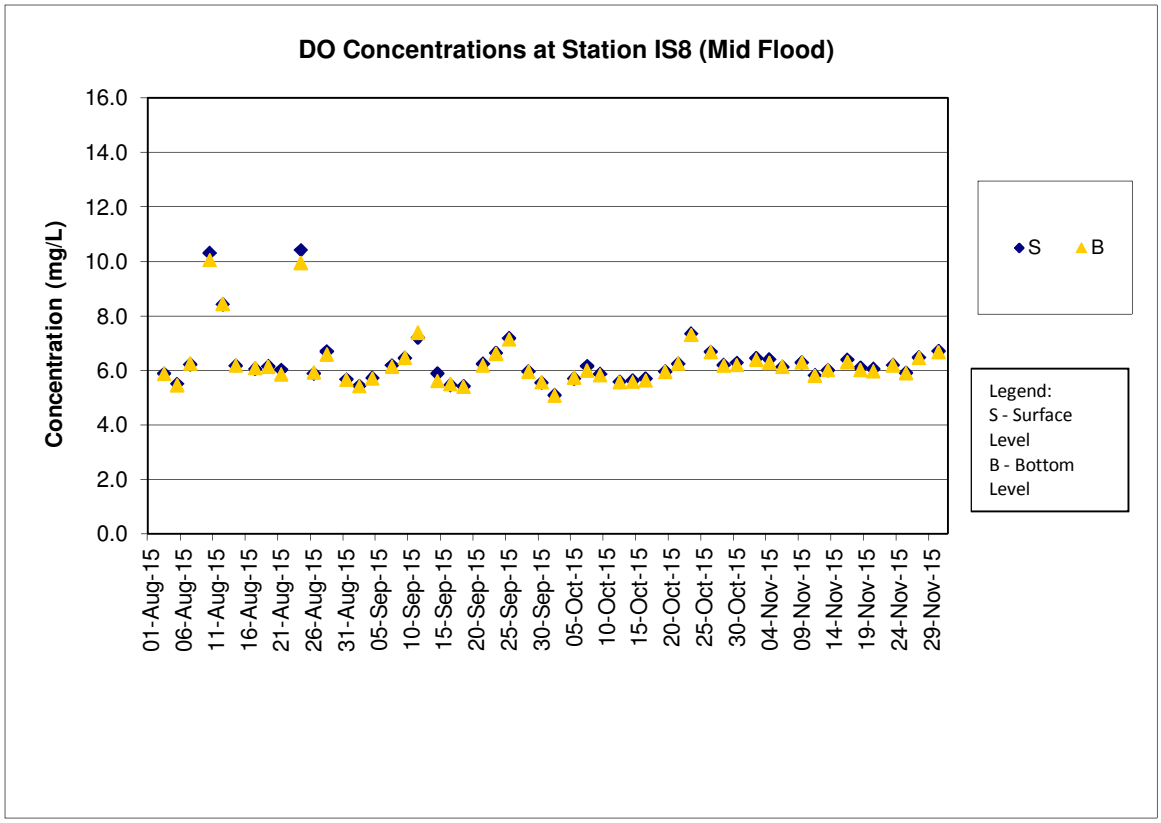

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

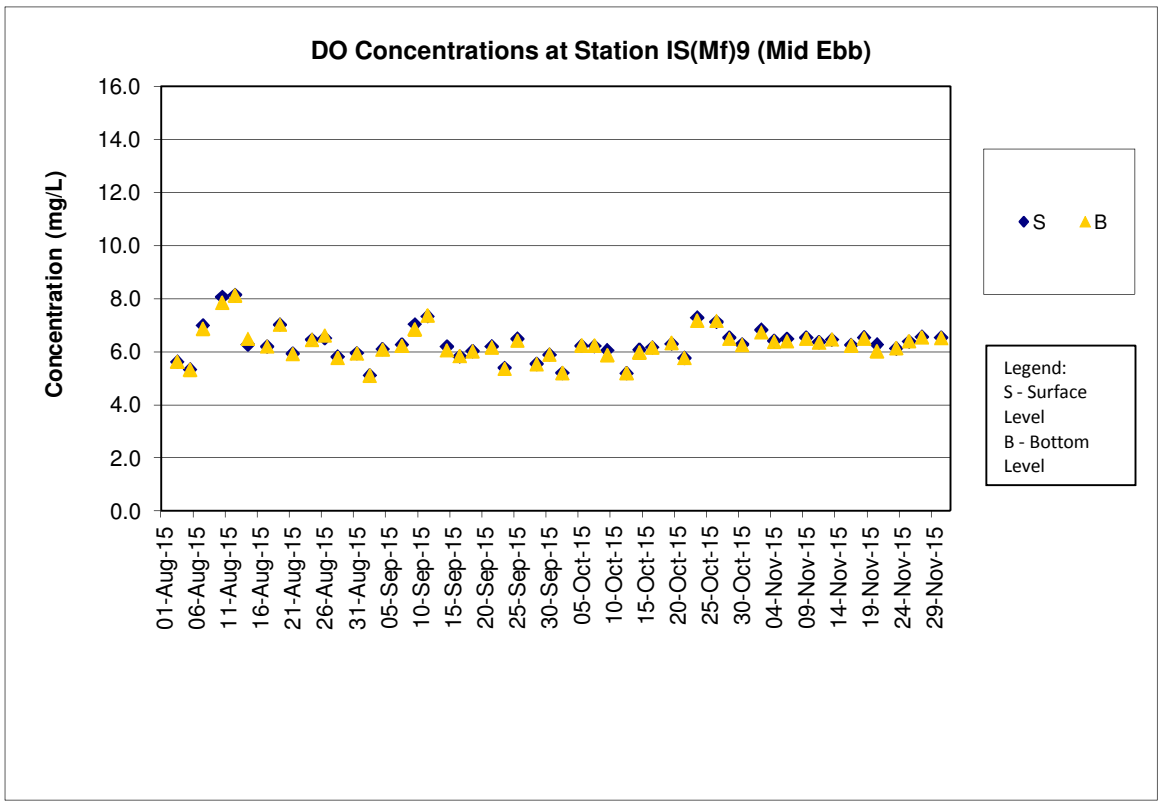

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

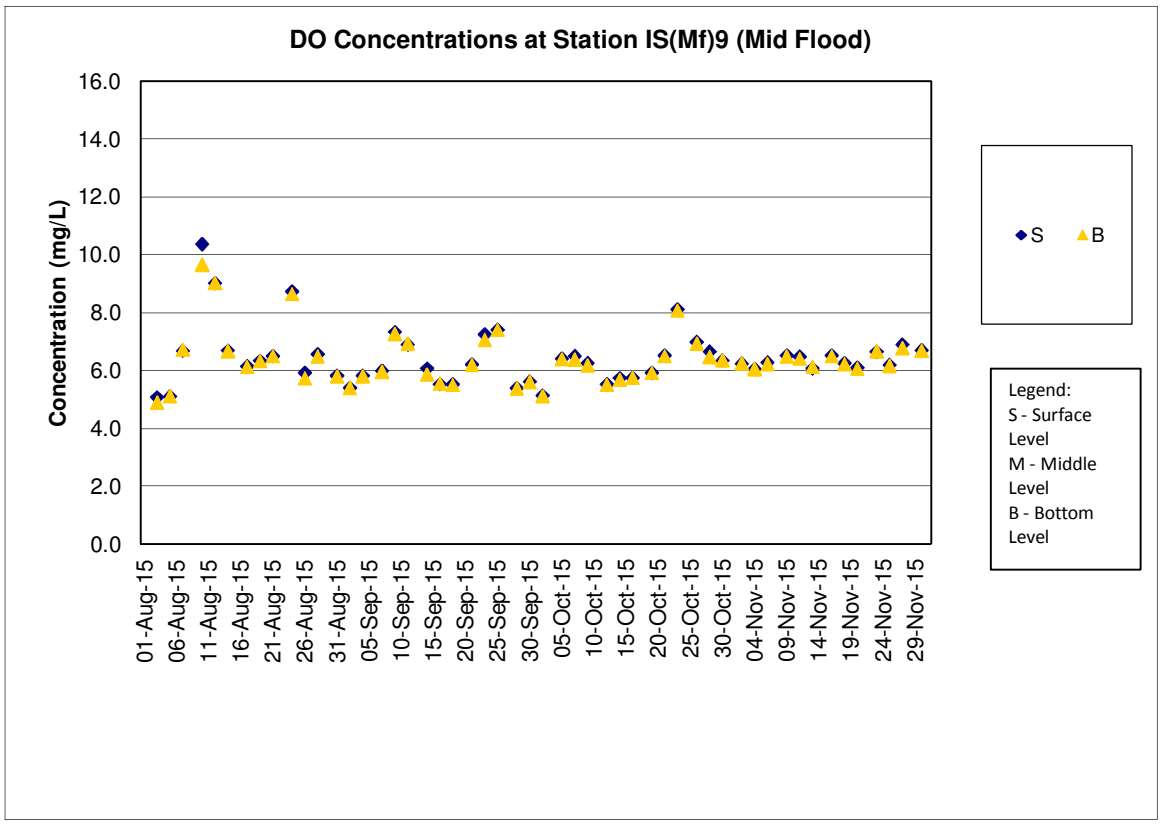

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

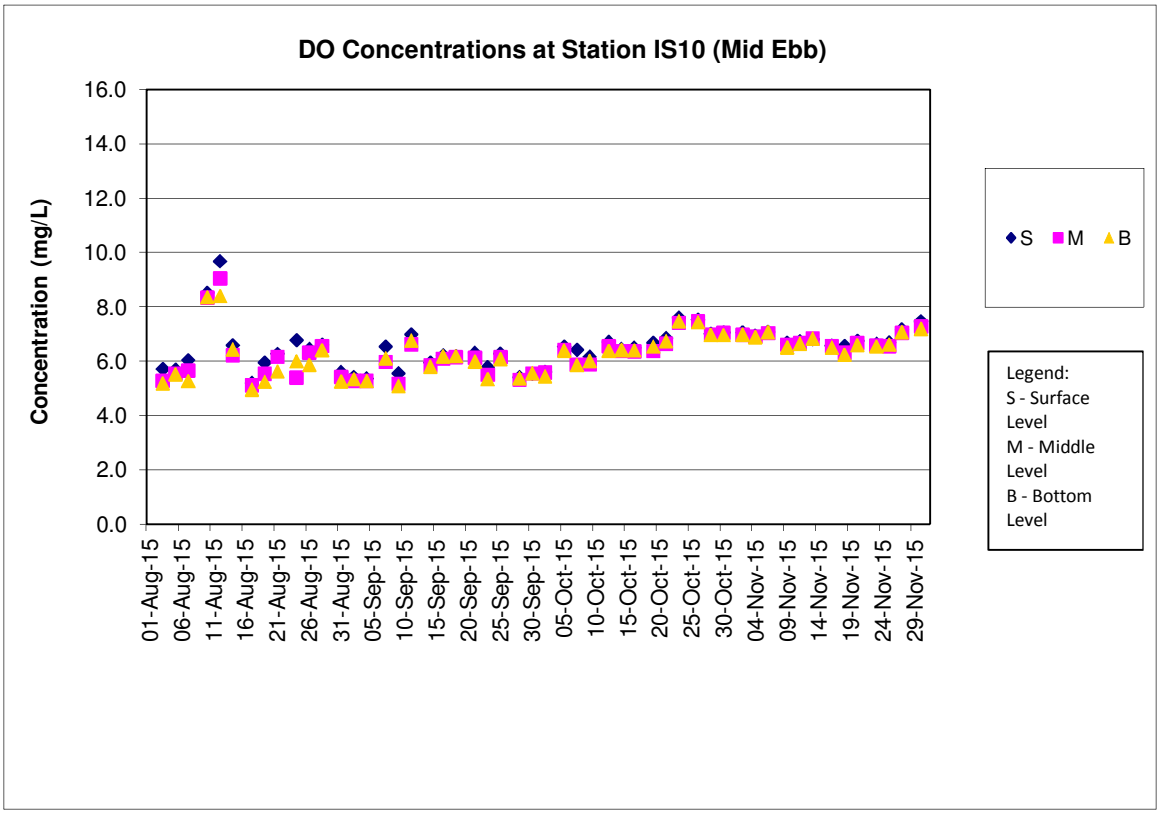

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

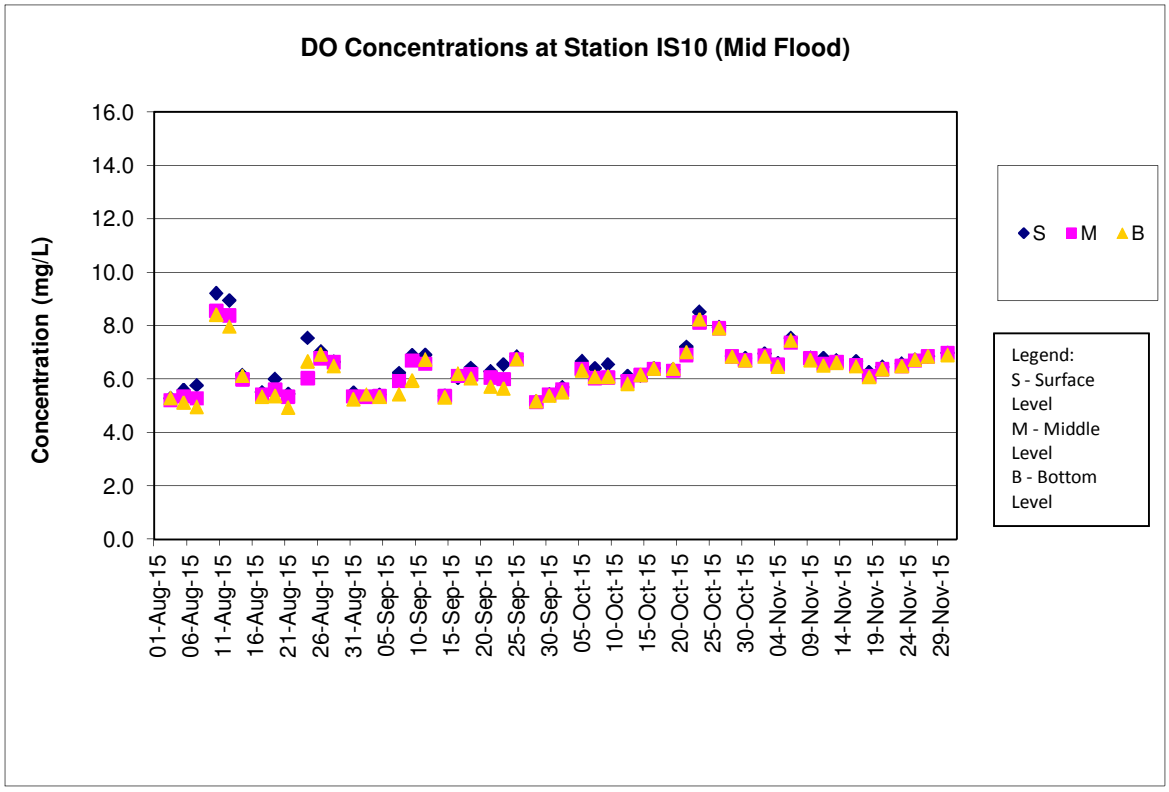

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

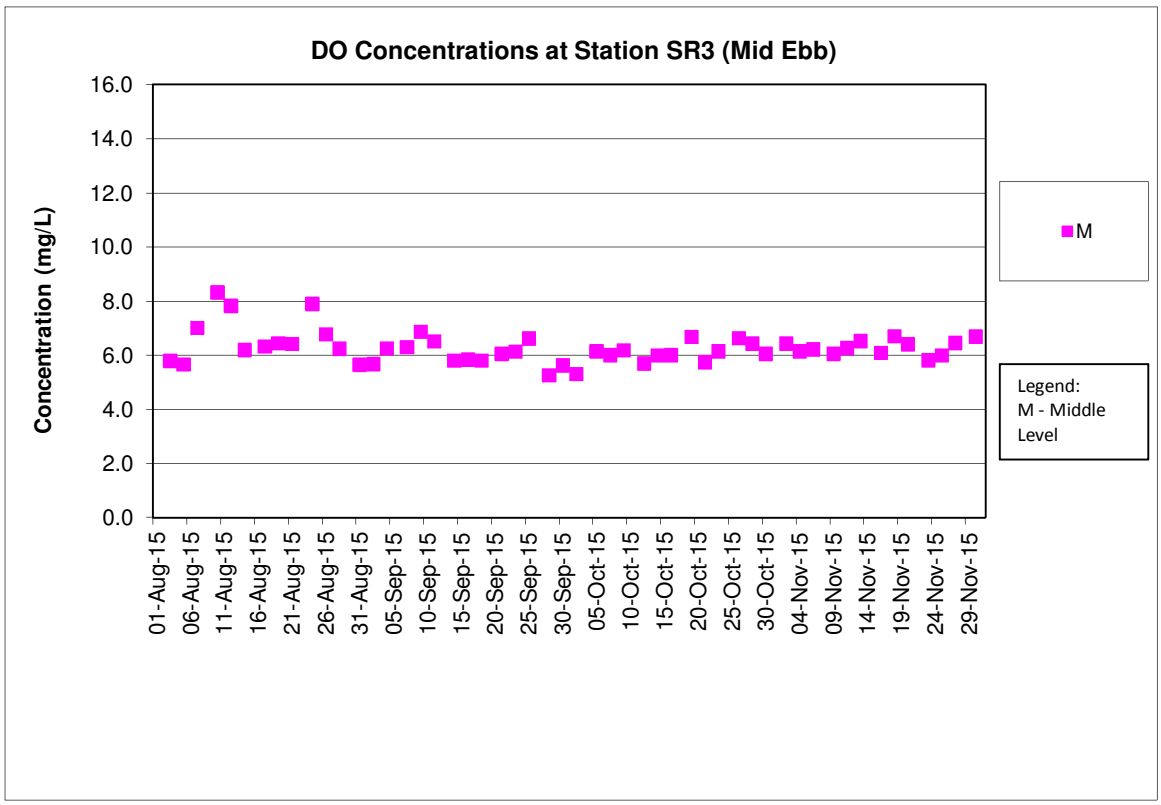

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

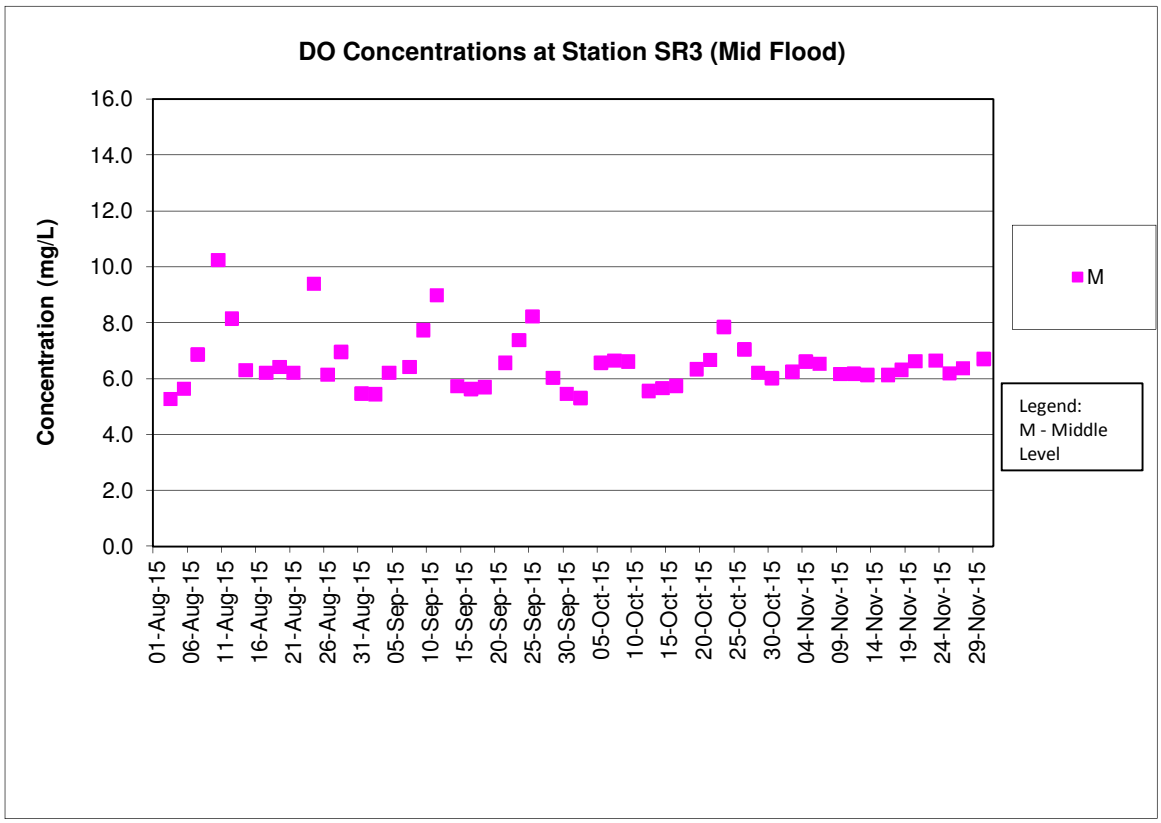

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

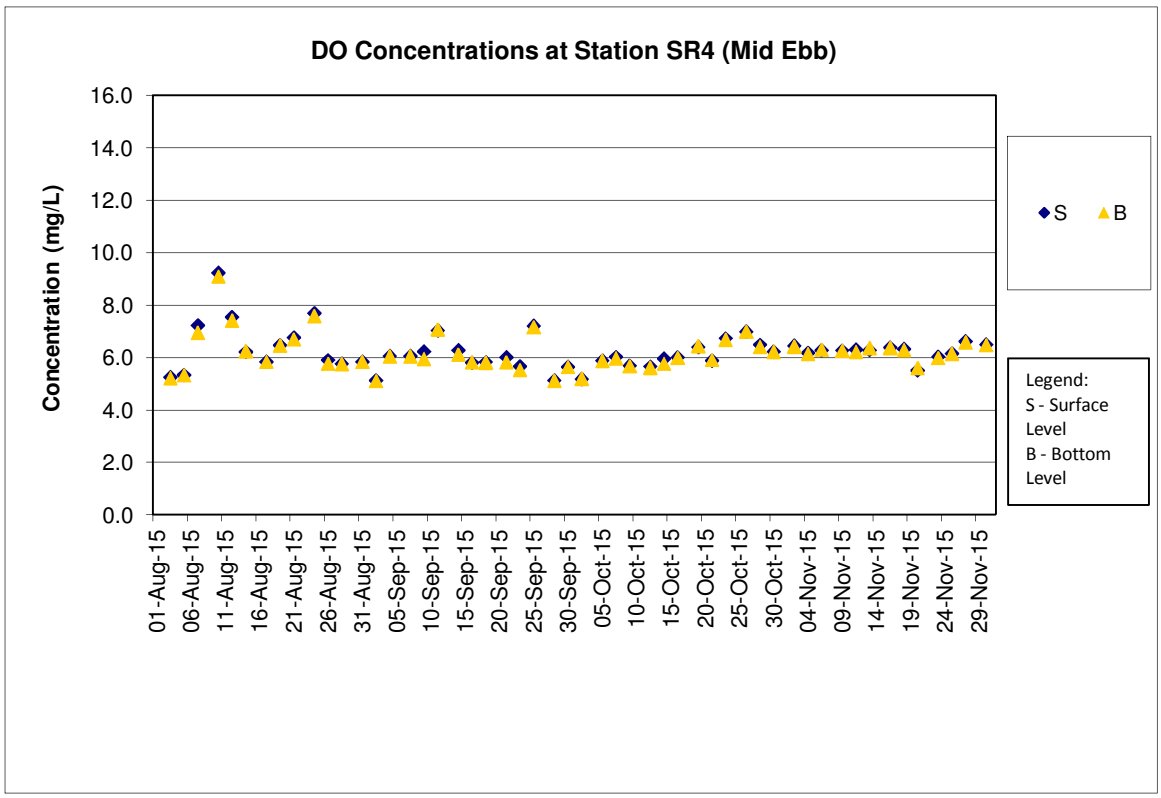

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

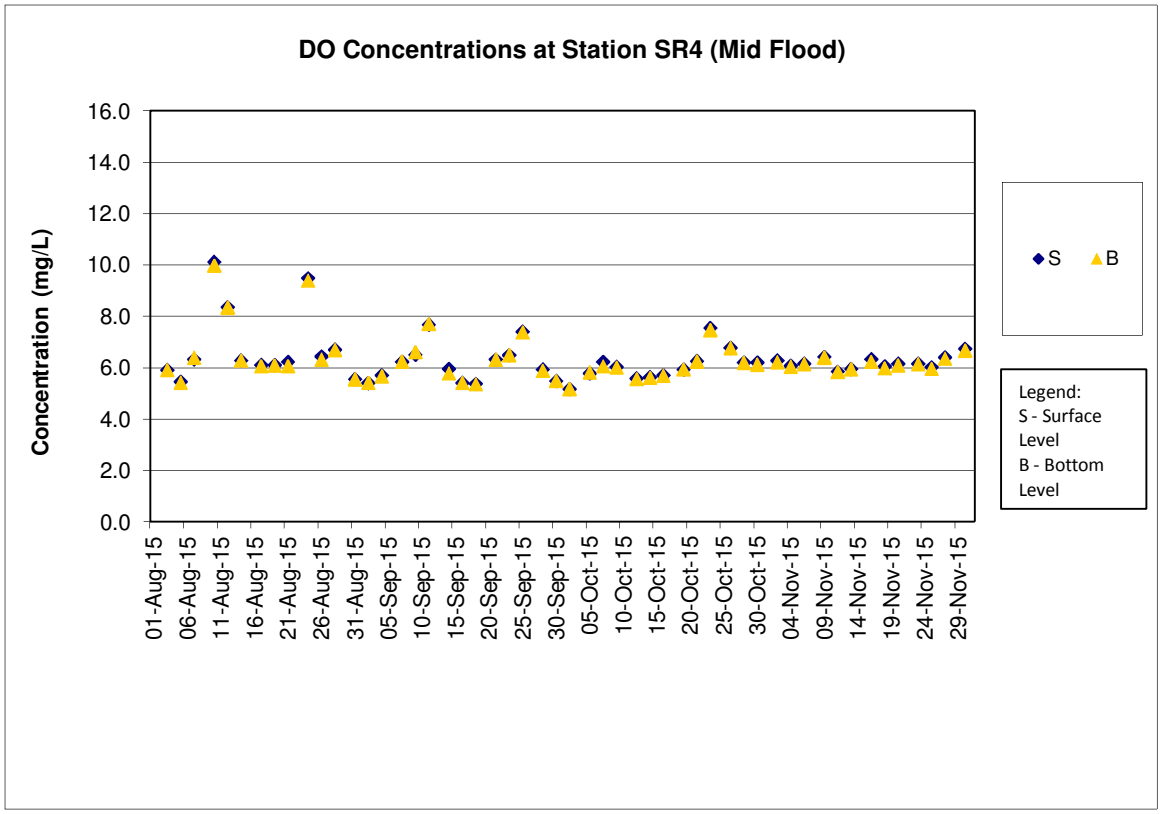

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

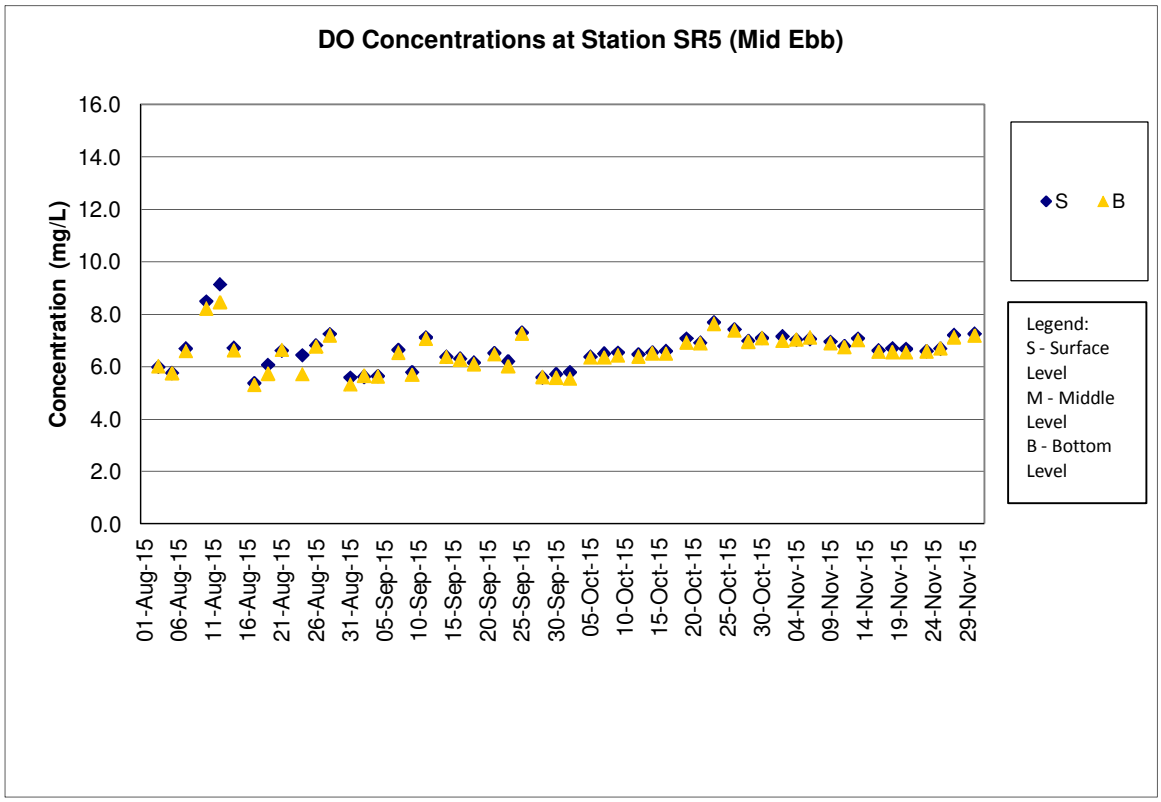

DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

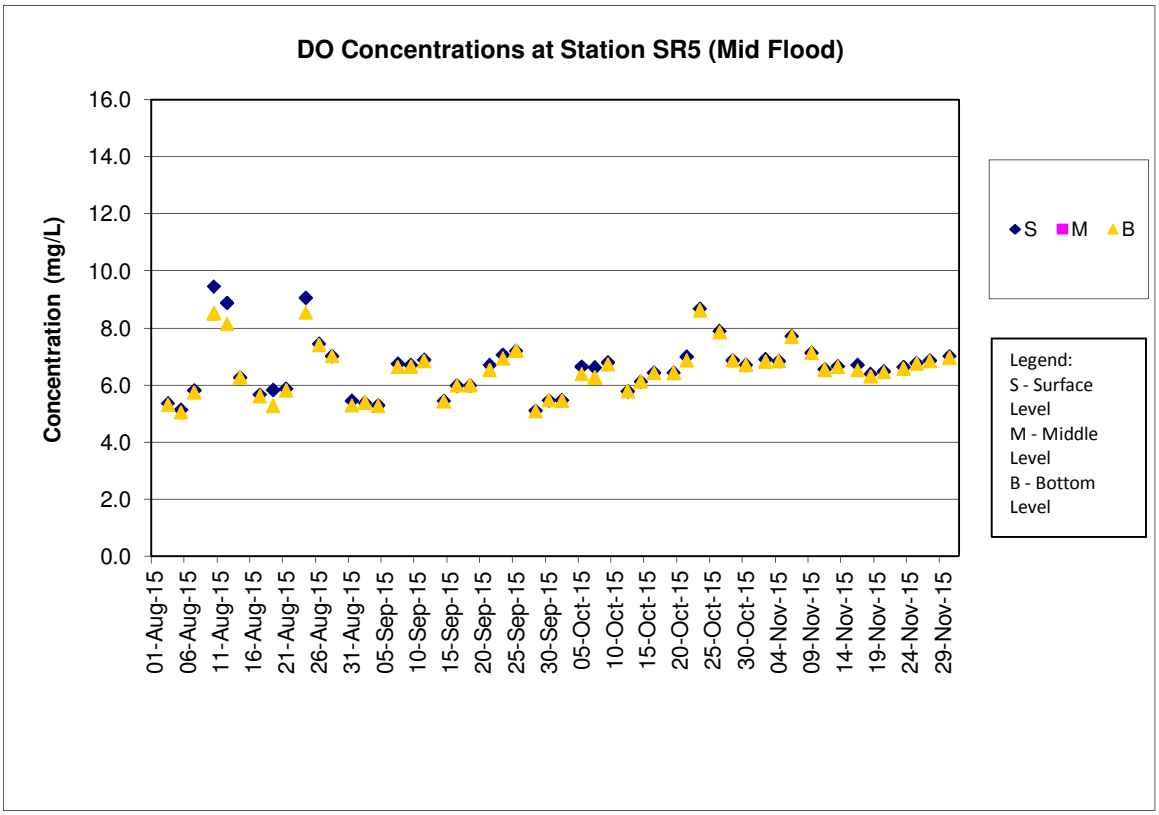

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
M
Legend:
M - Middle Level

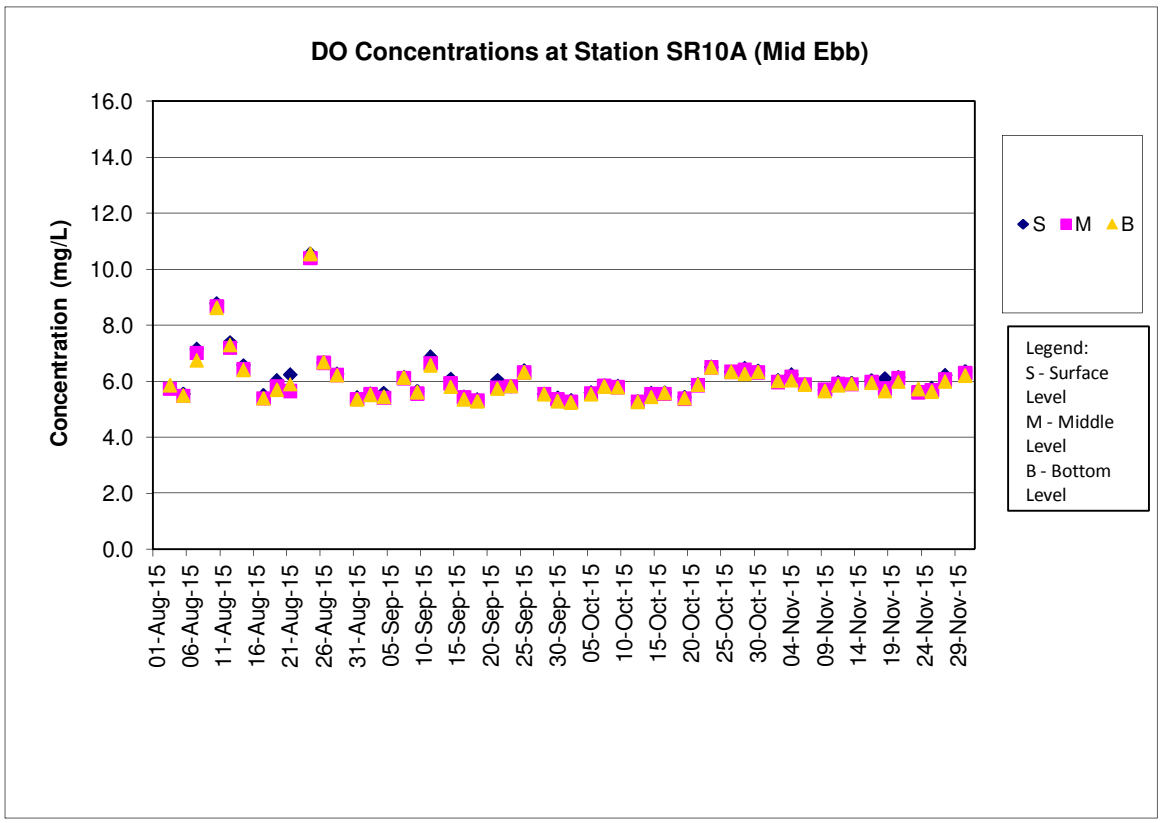

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
M
Legend:
M - Middle Level

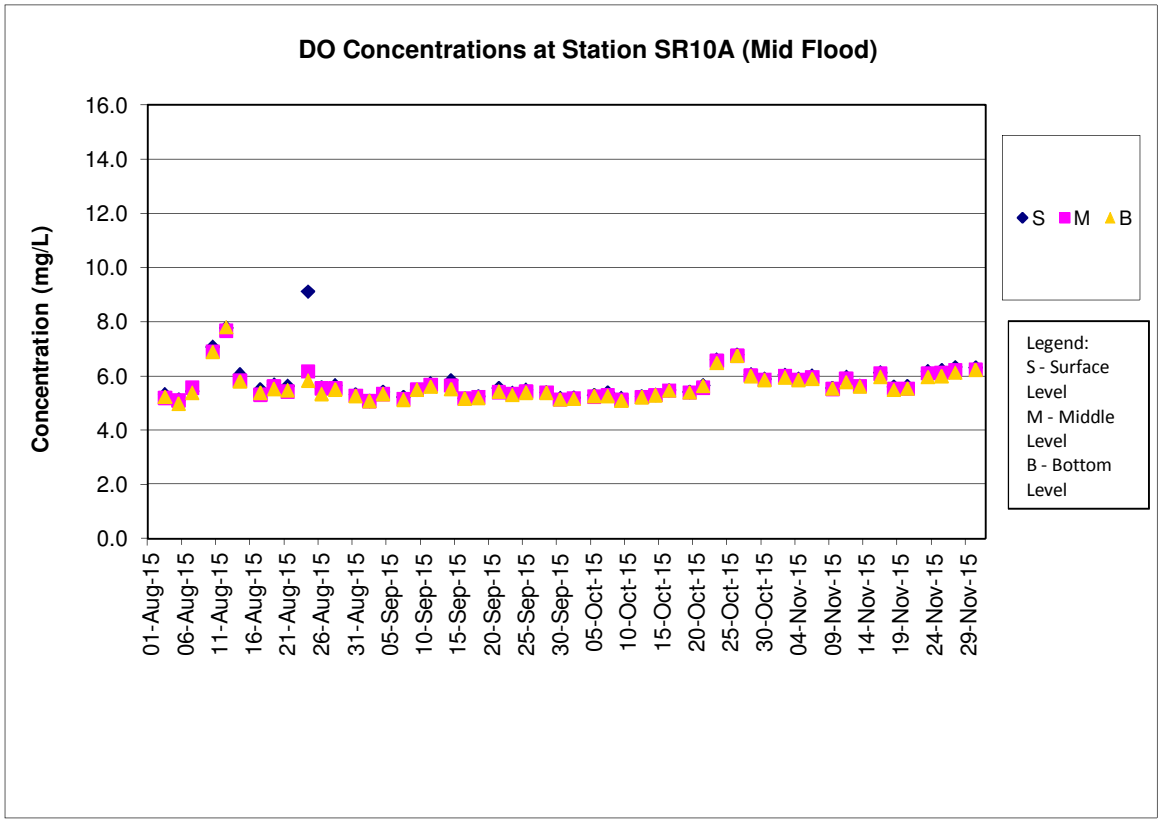

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

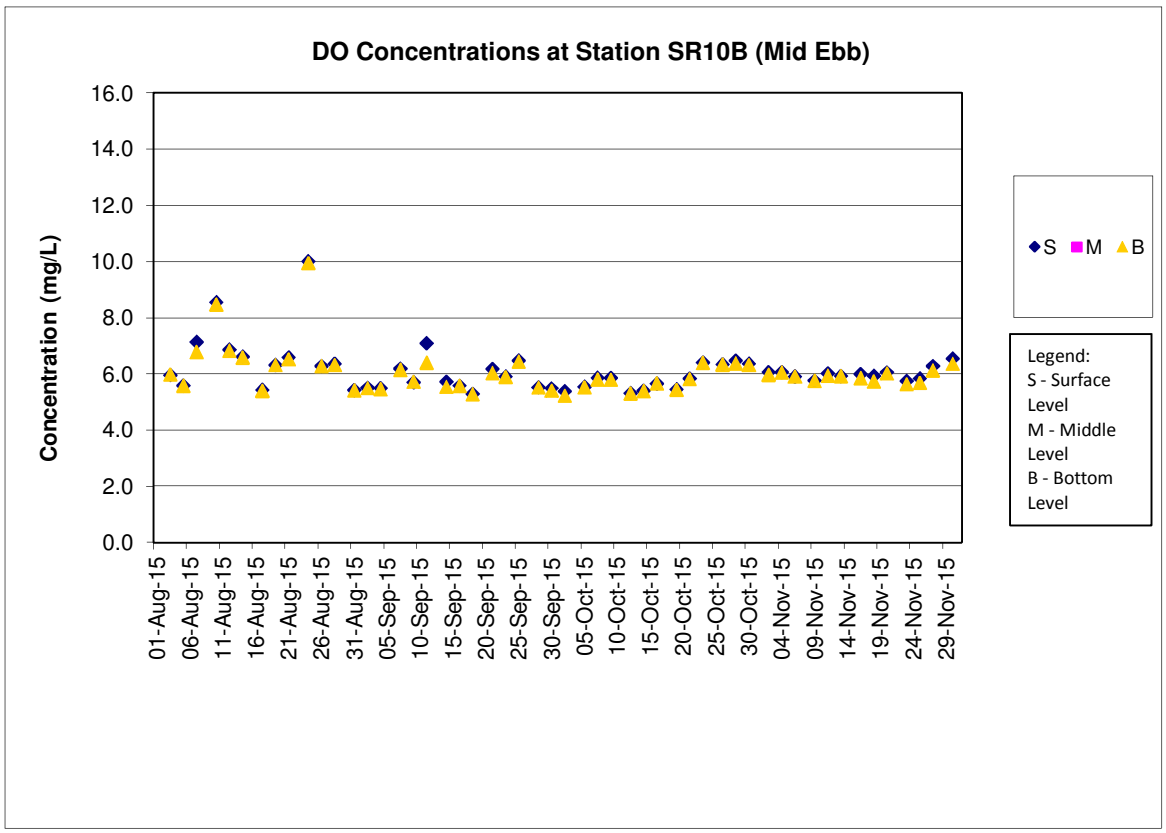

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

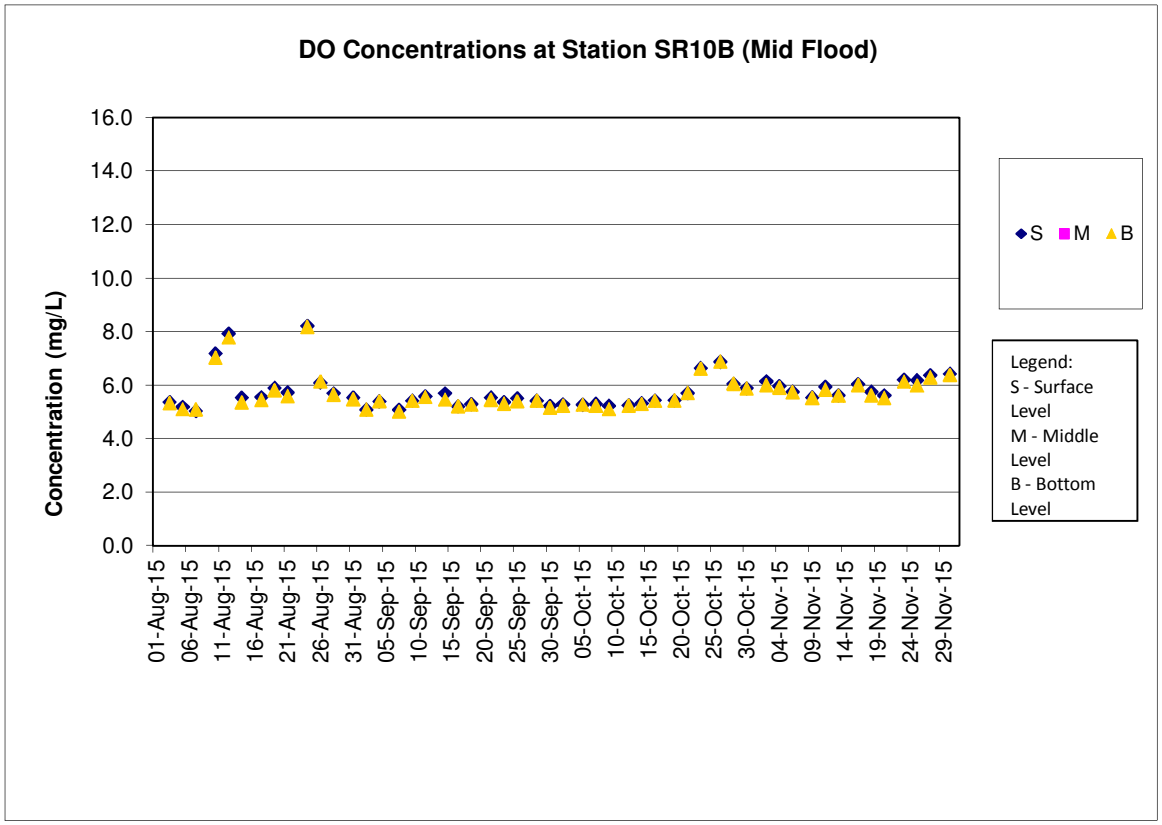

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

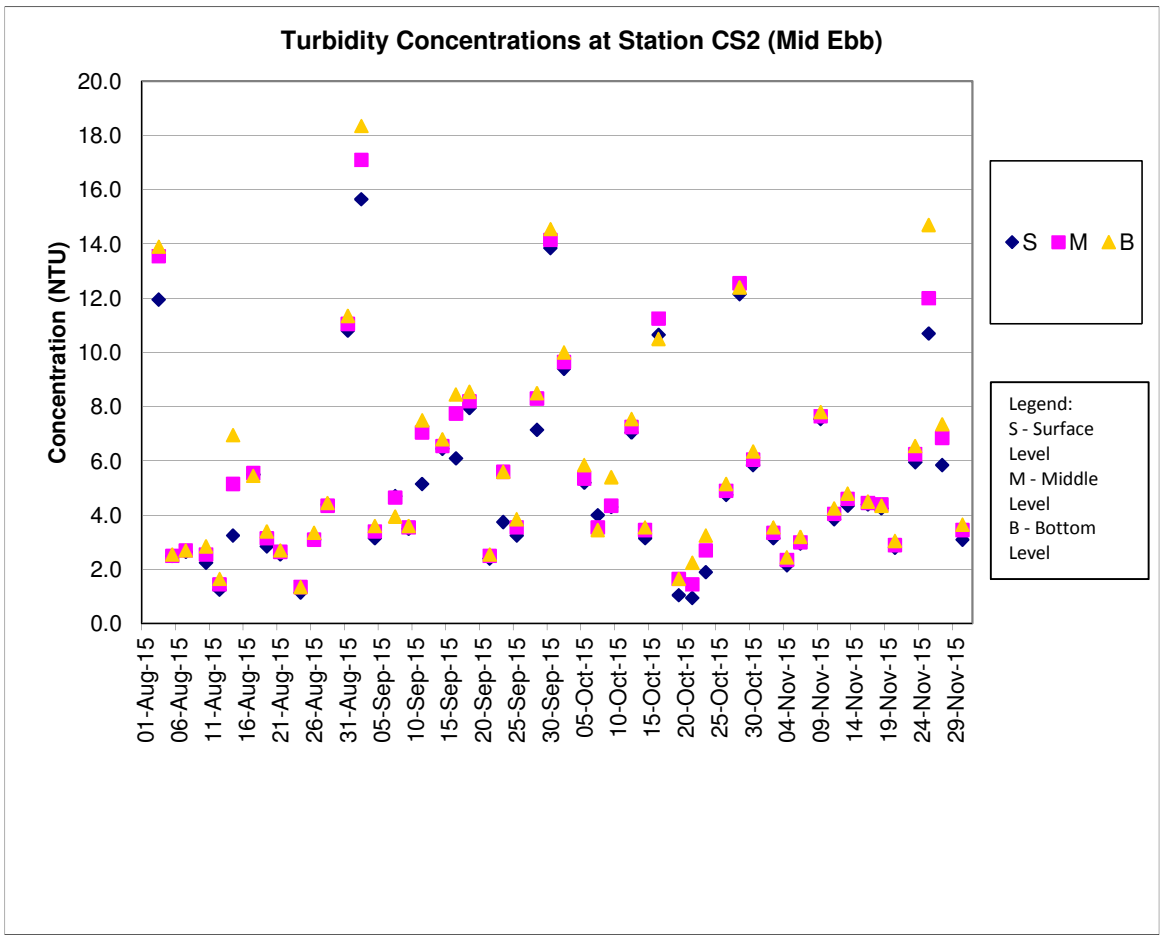

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

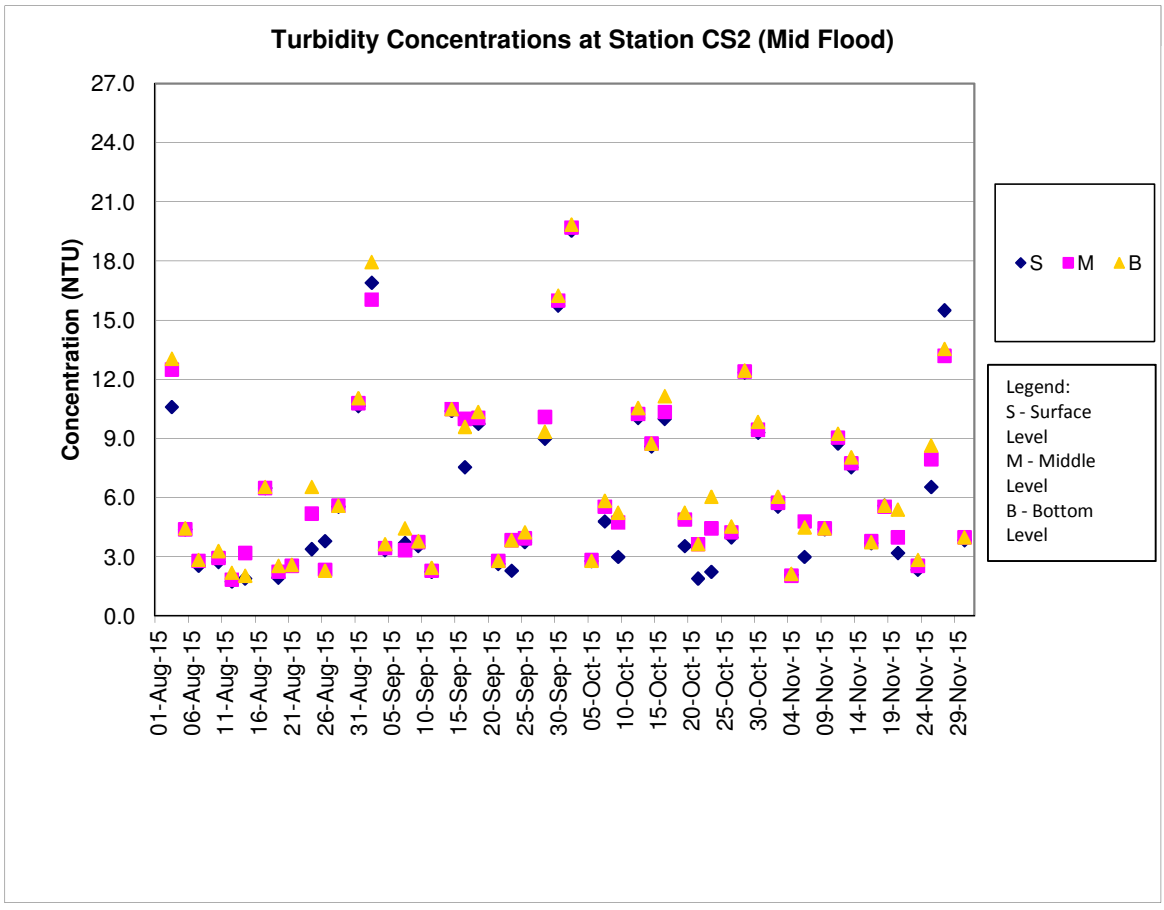

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

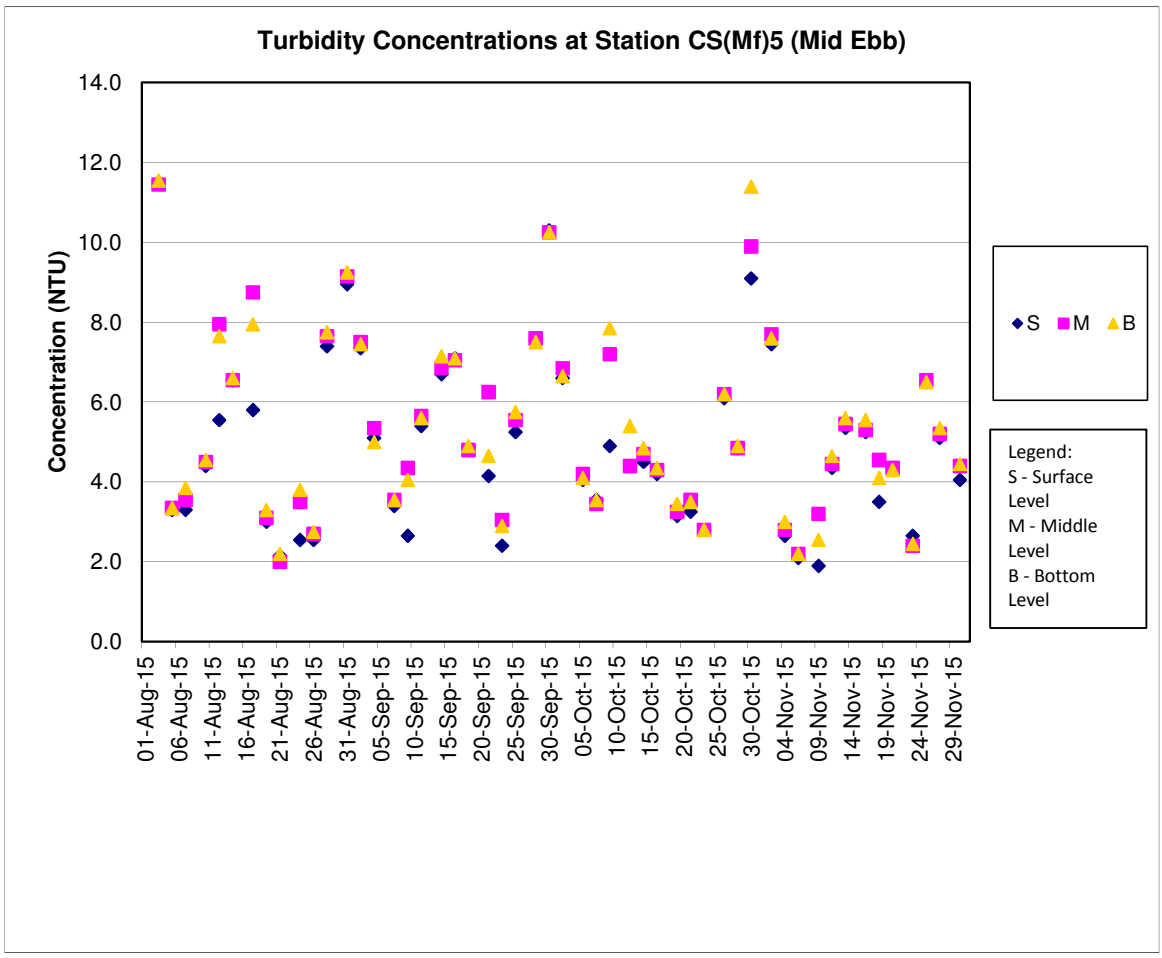

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

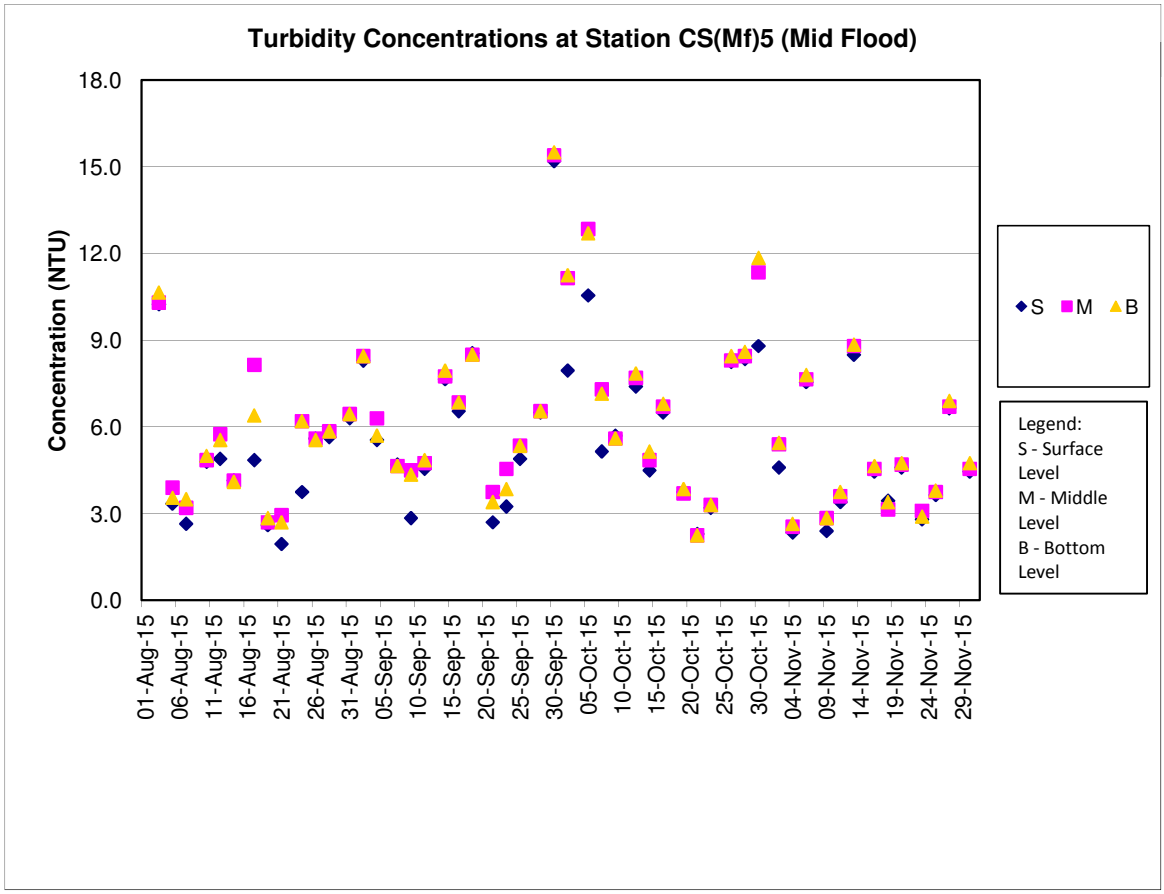

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

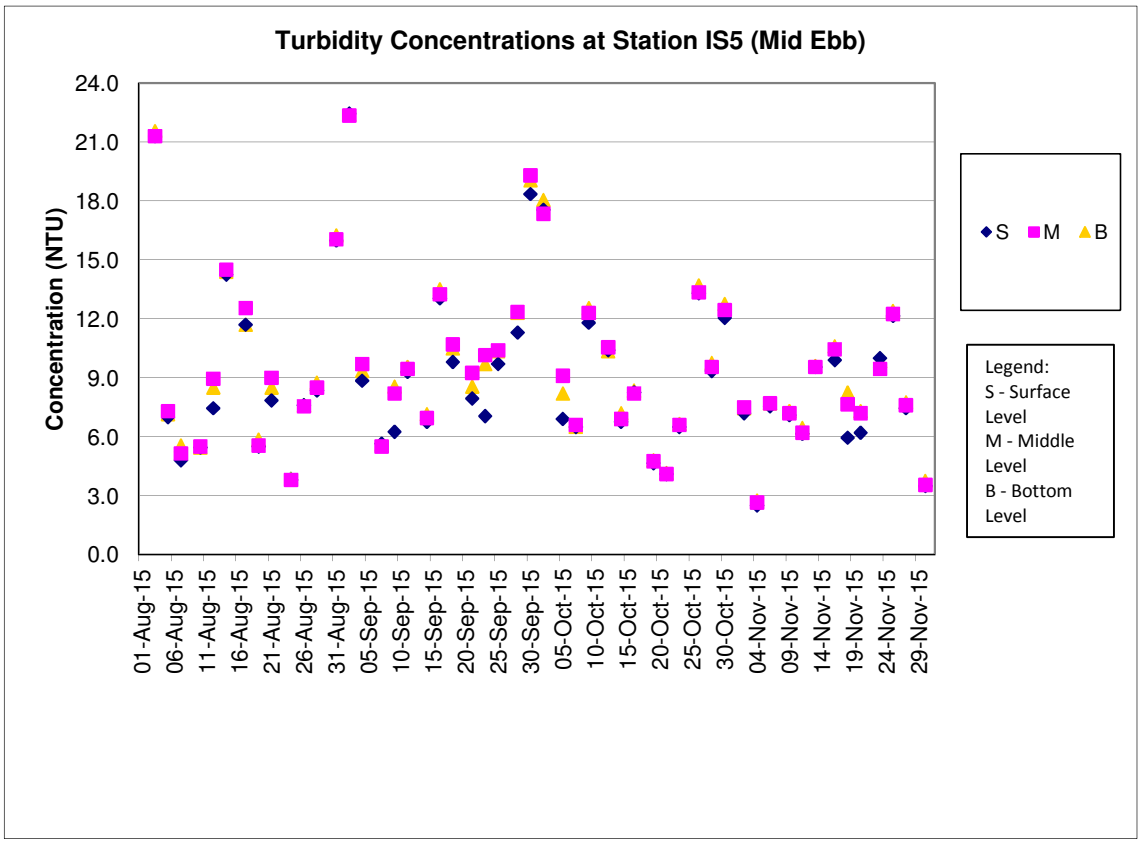

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

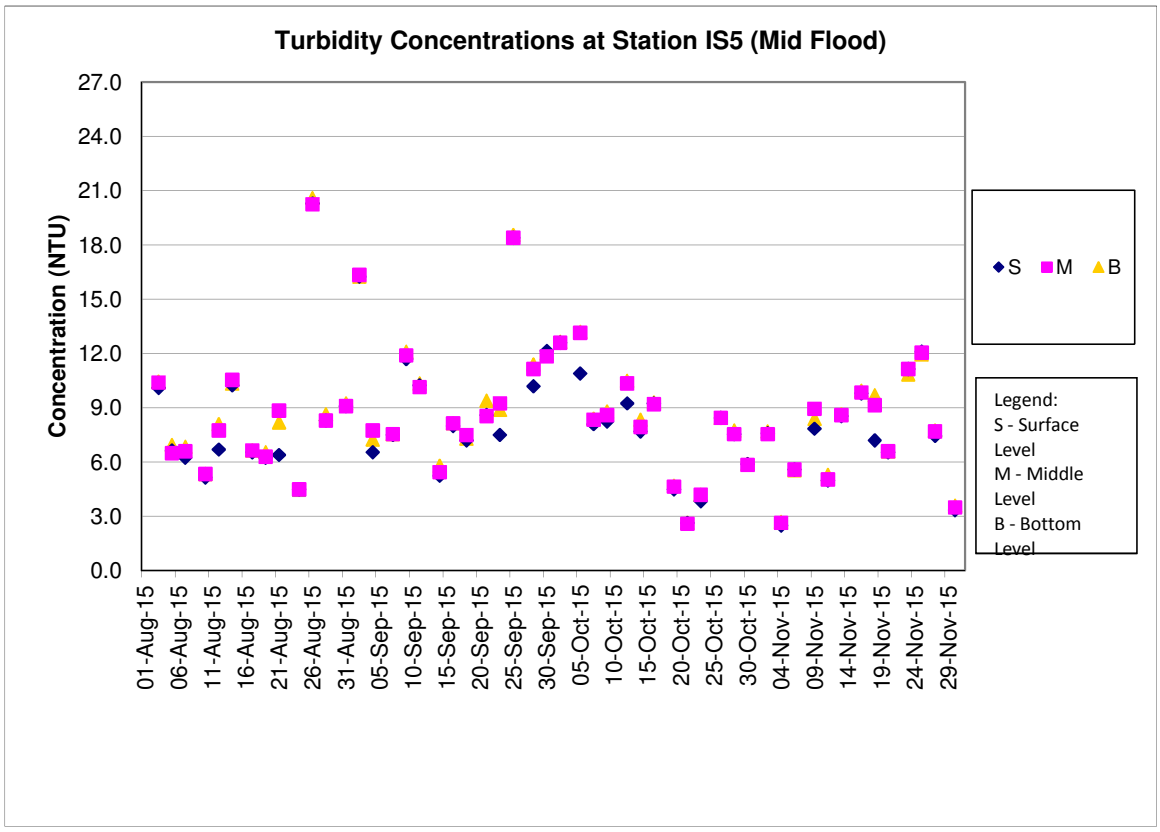

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

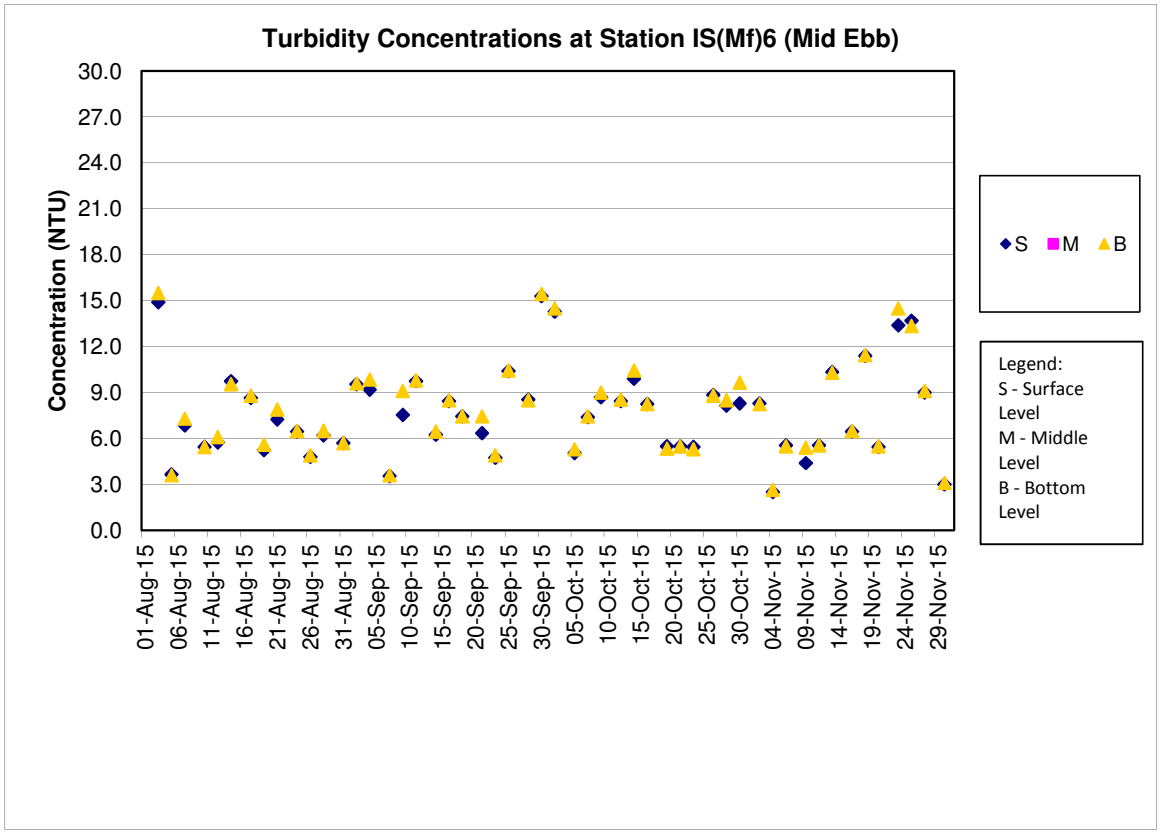

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

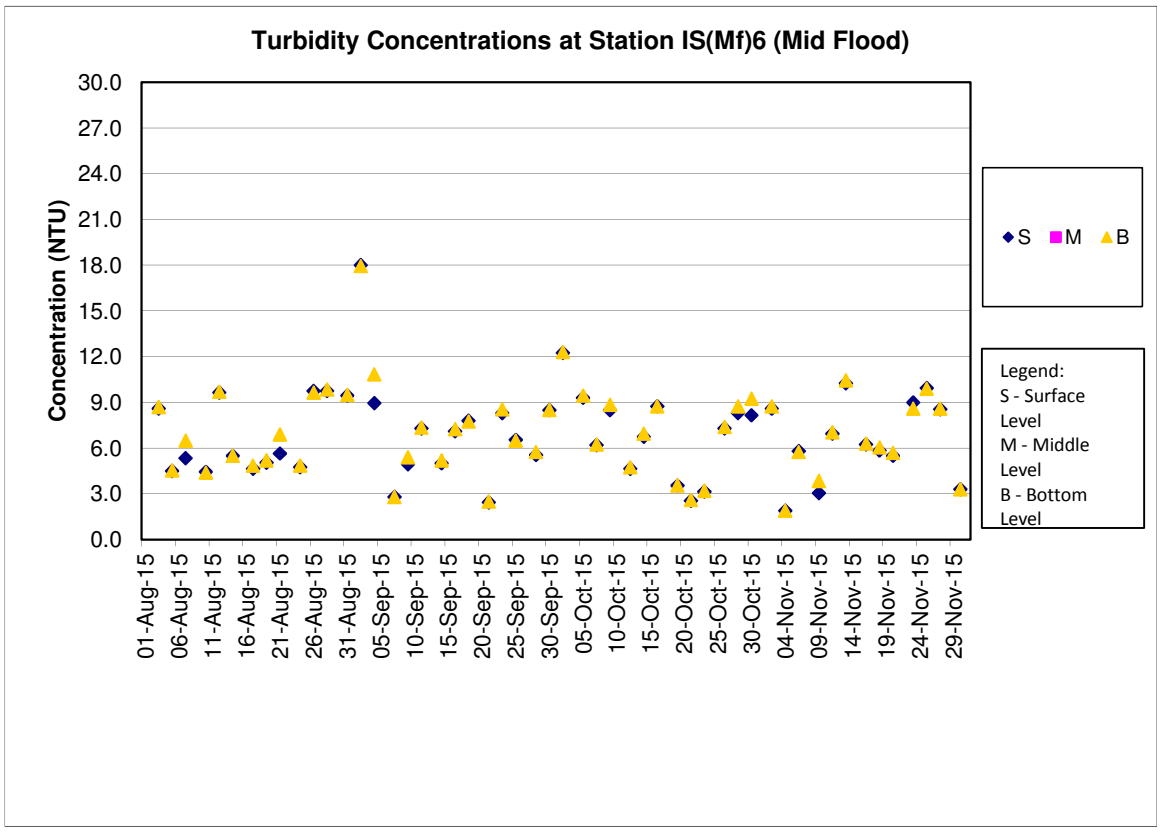

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

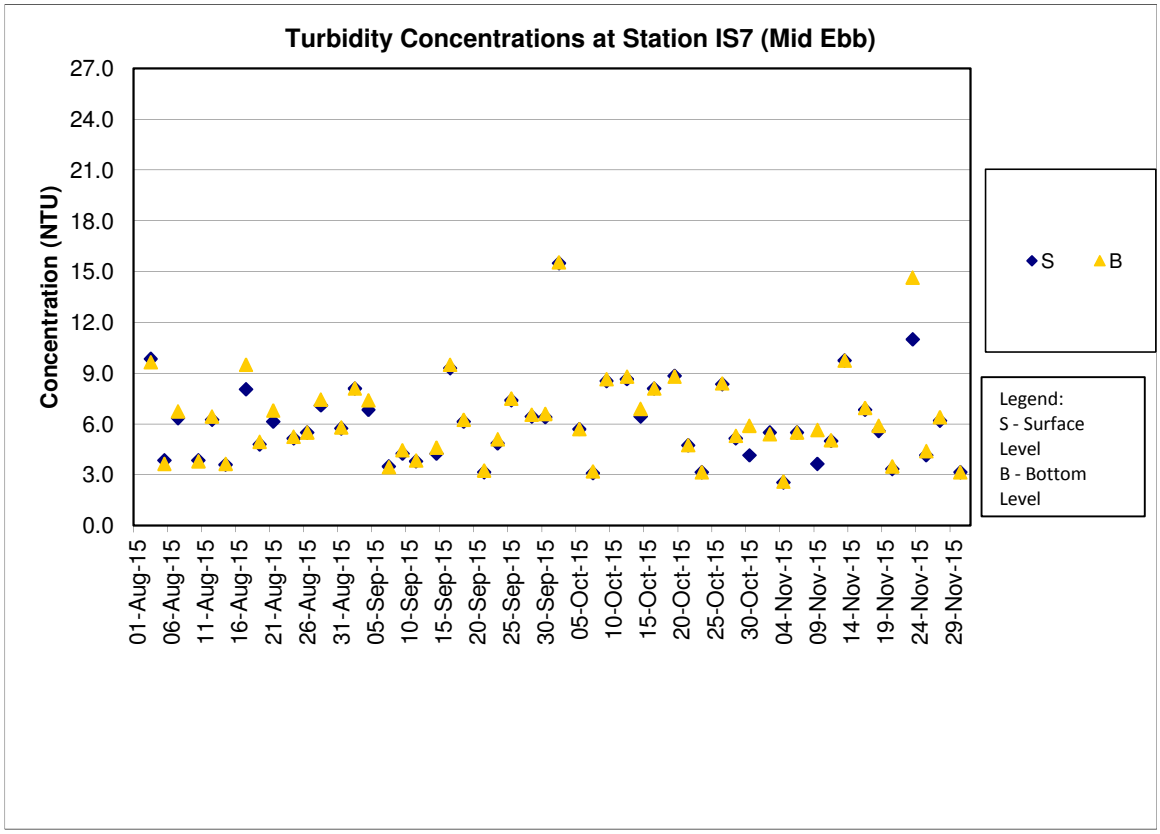

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

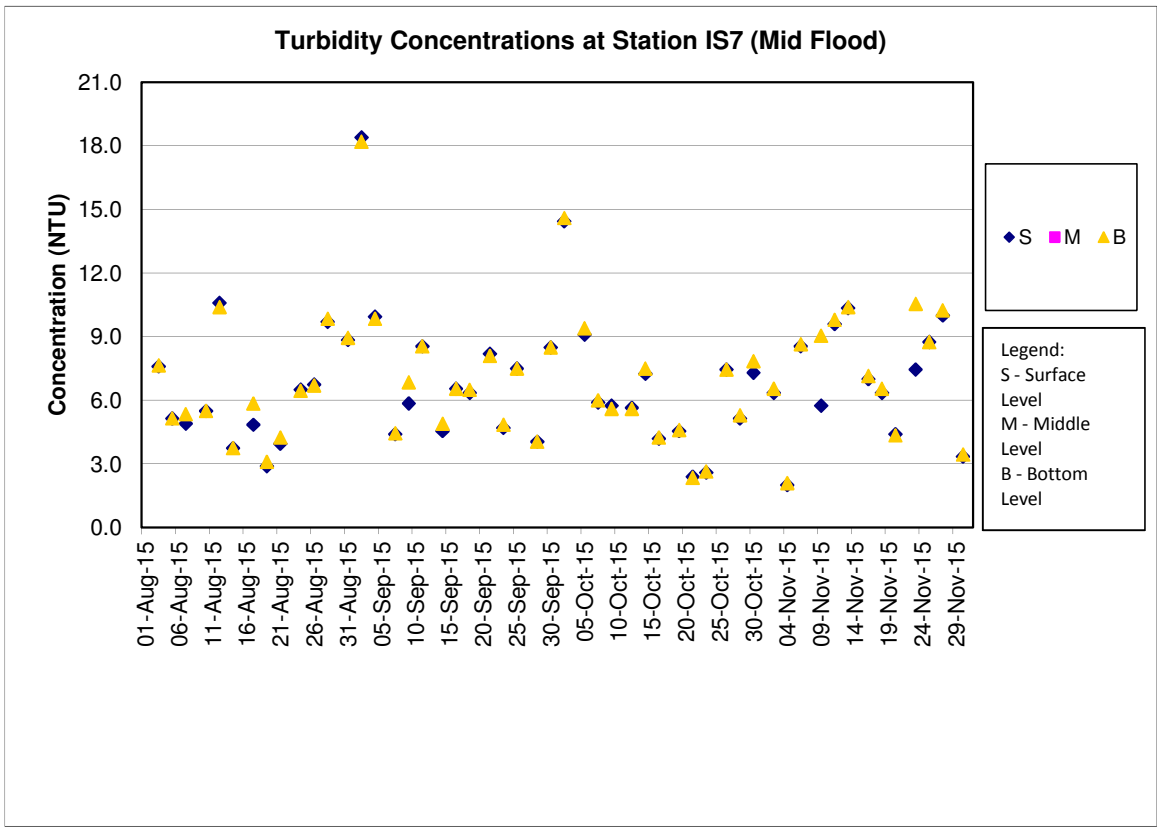

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

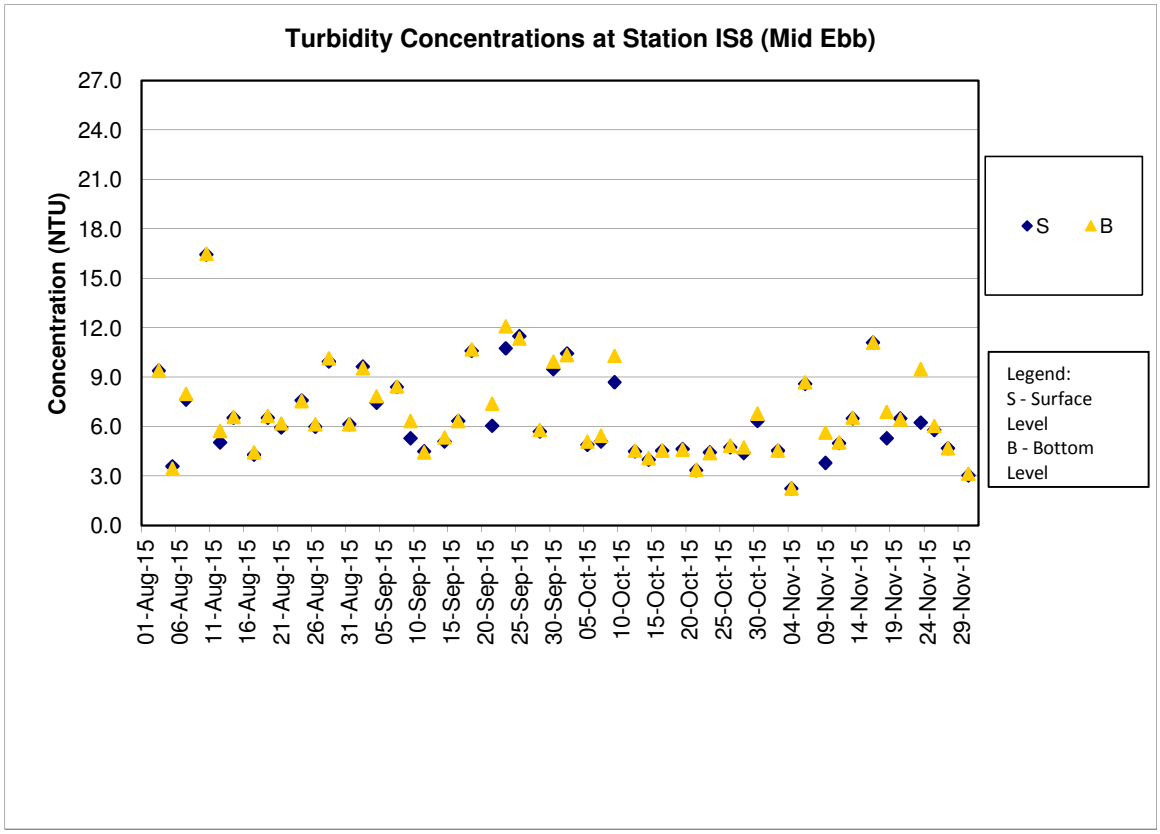

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

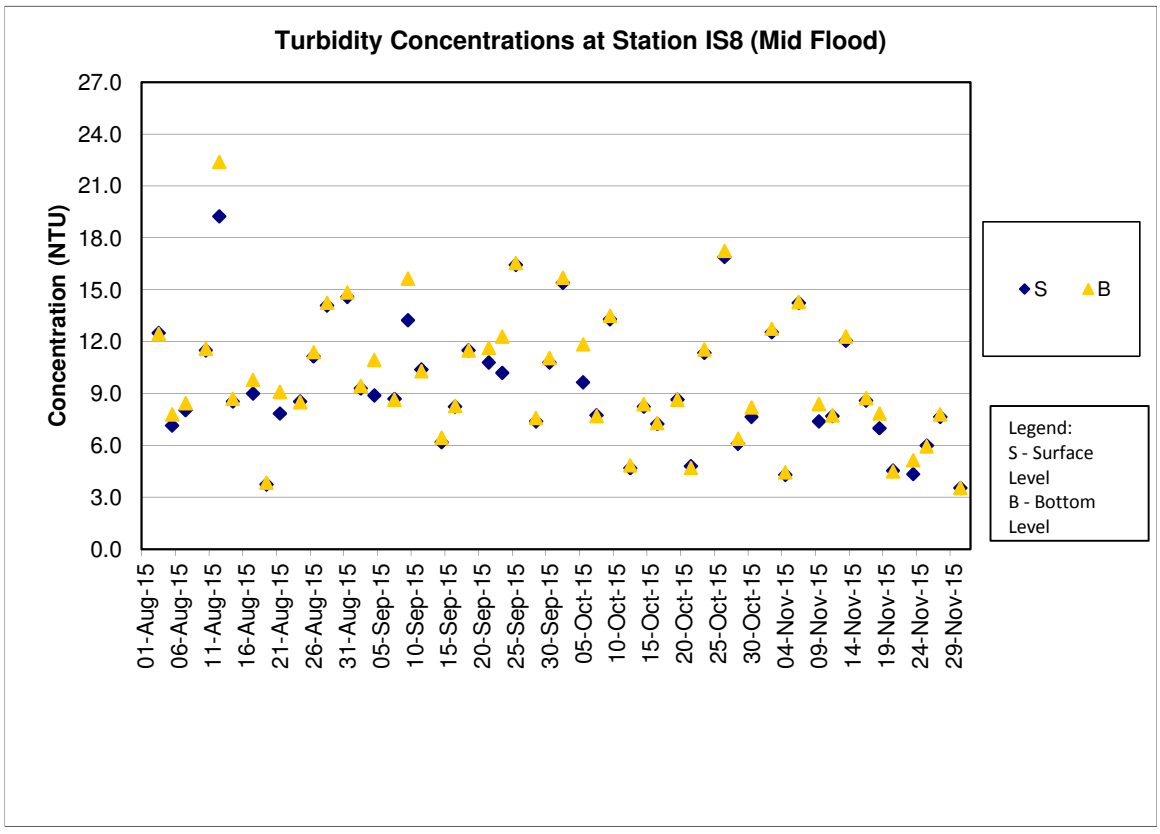

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

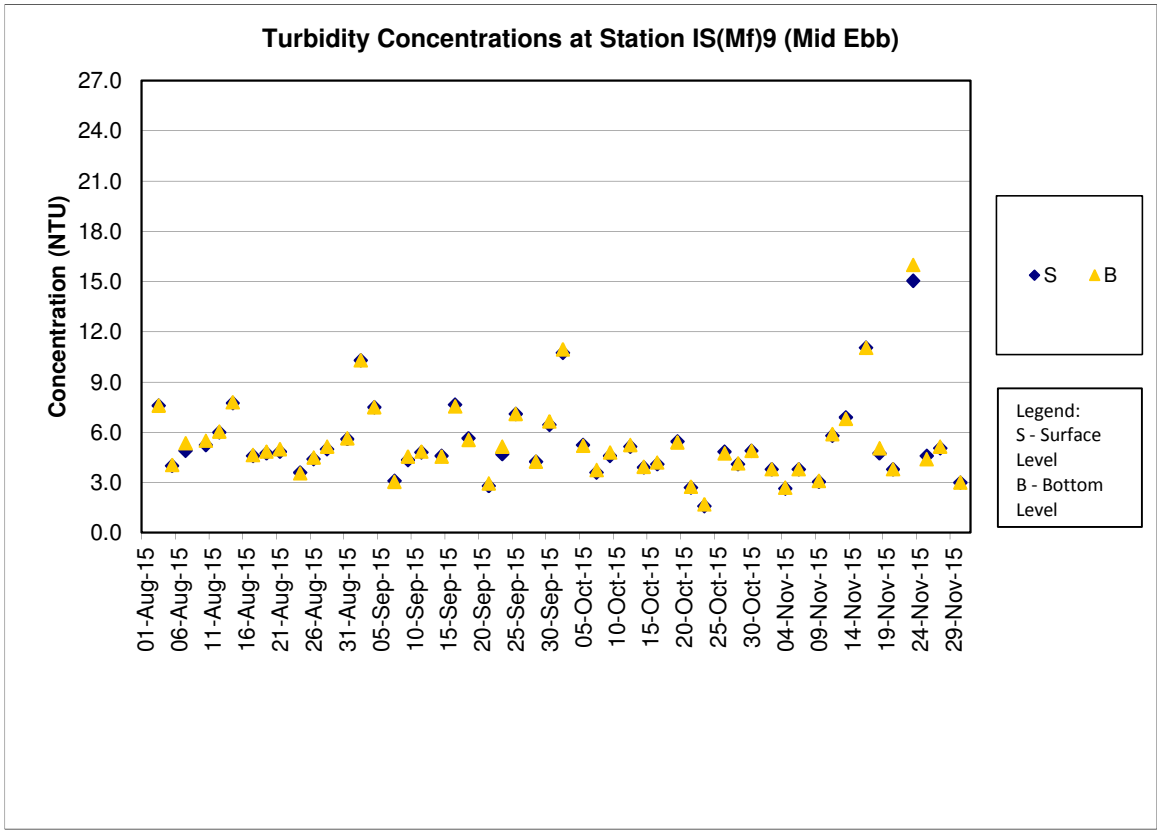

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

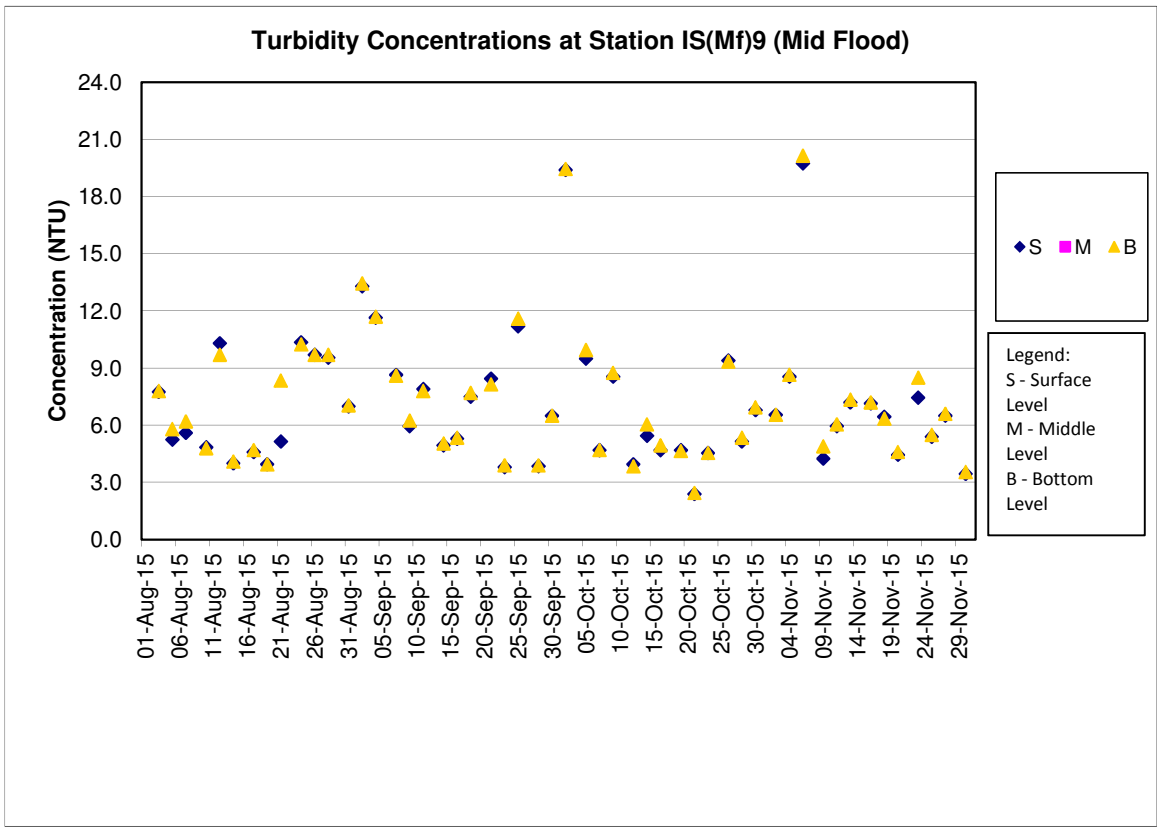

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

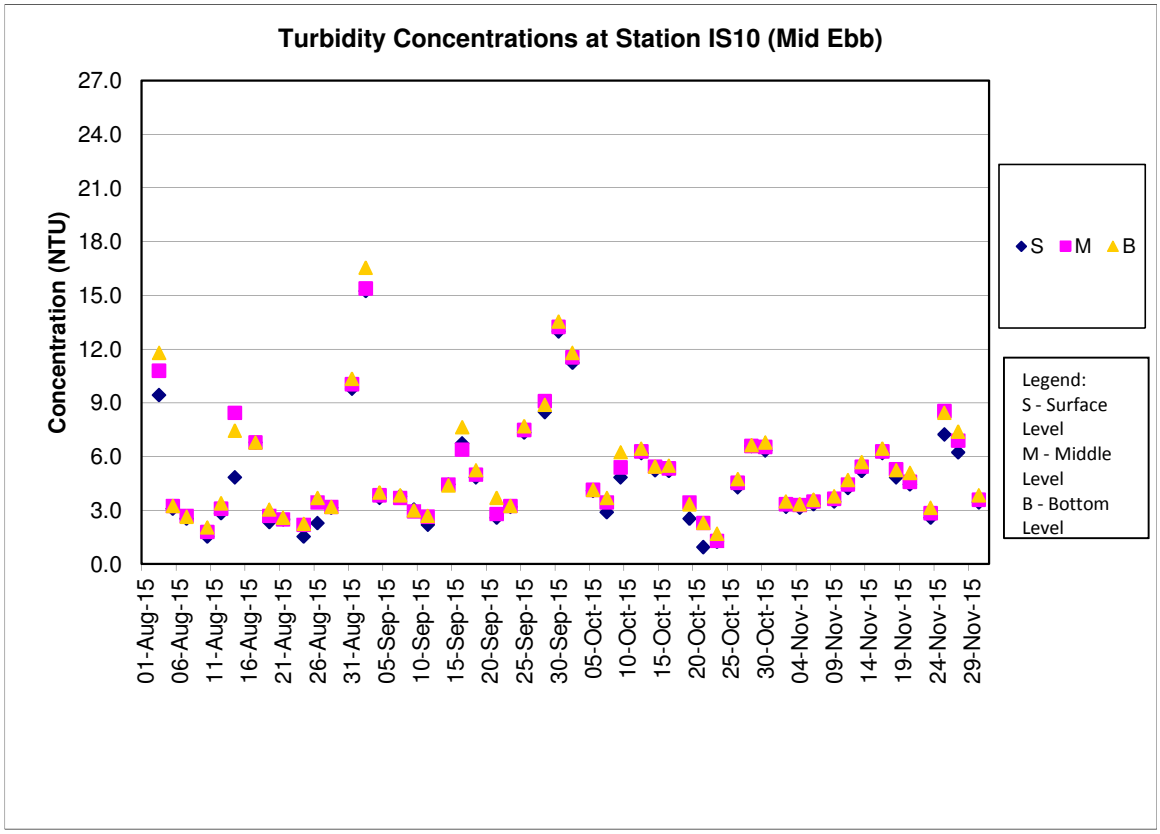

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

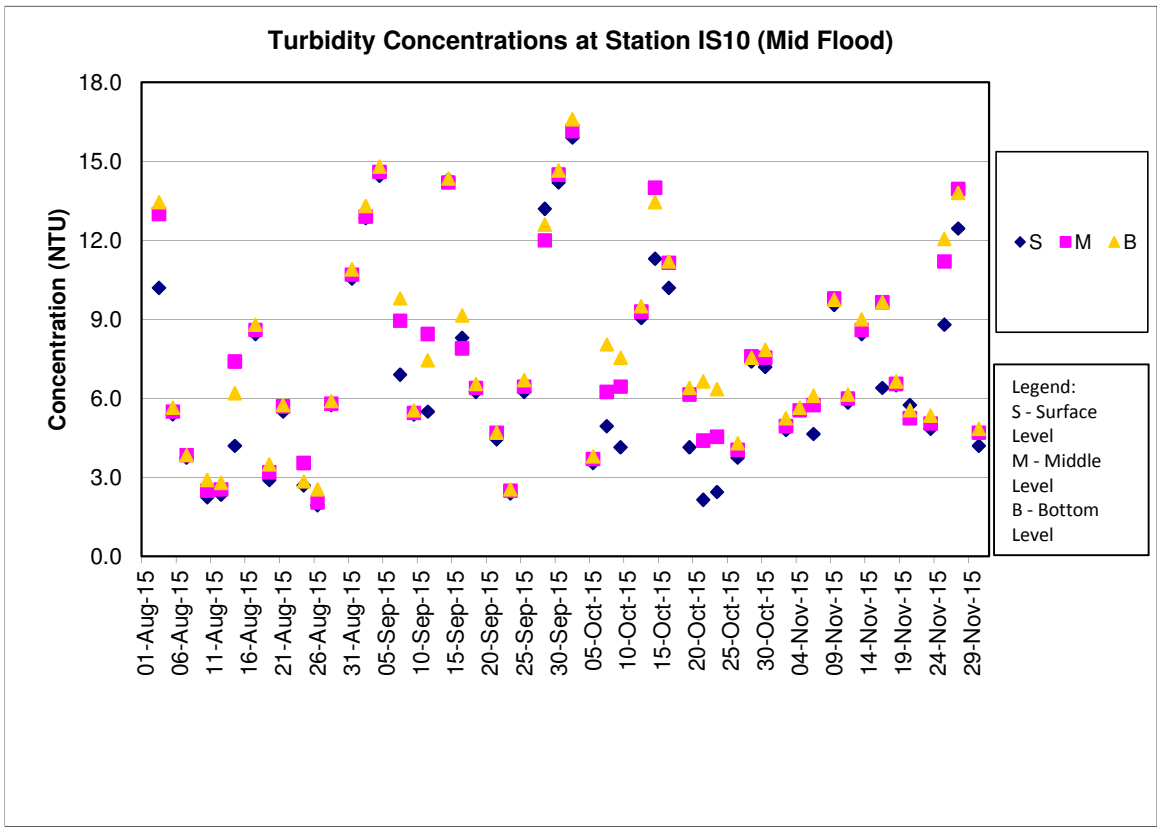

Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

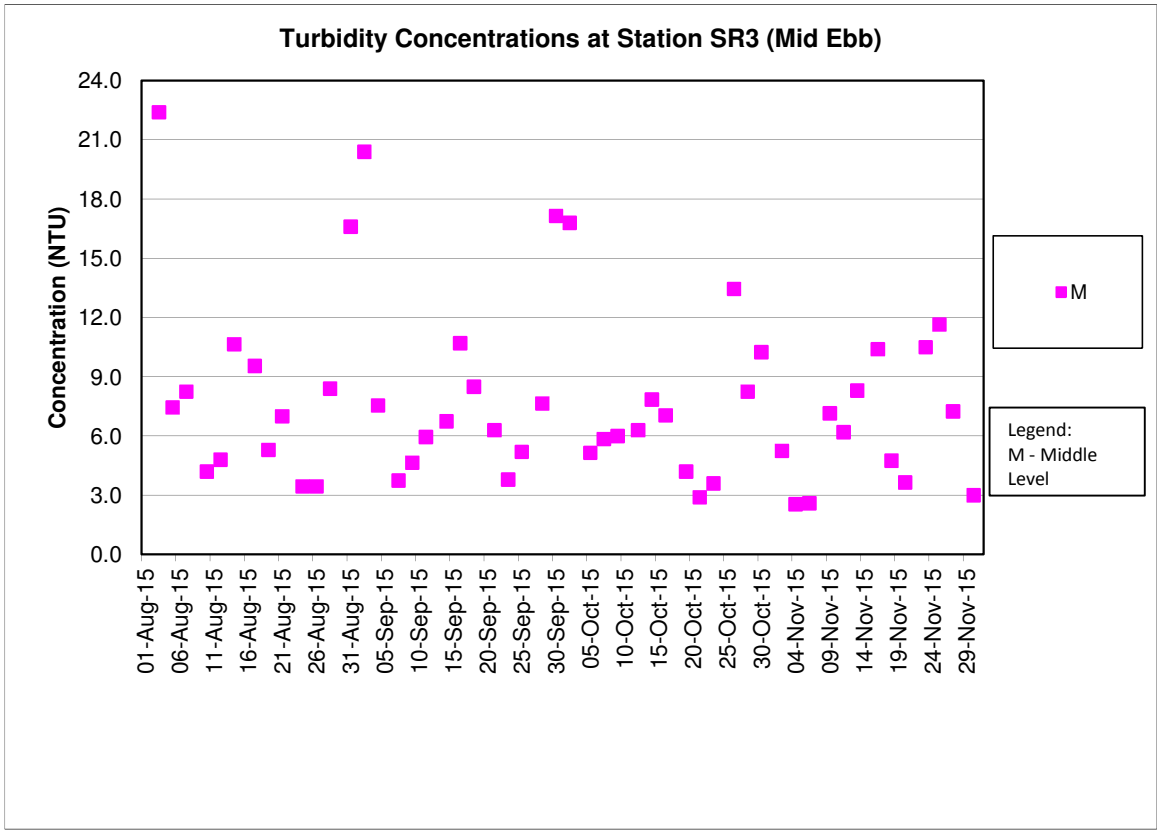

Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

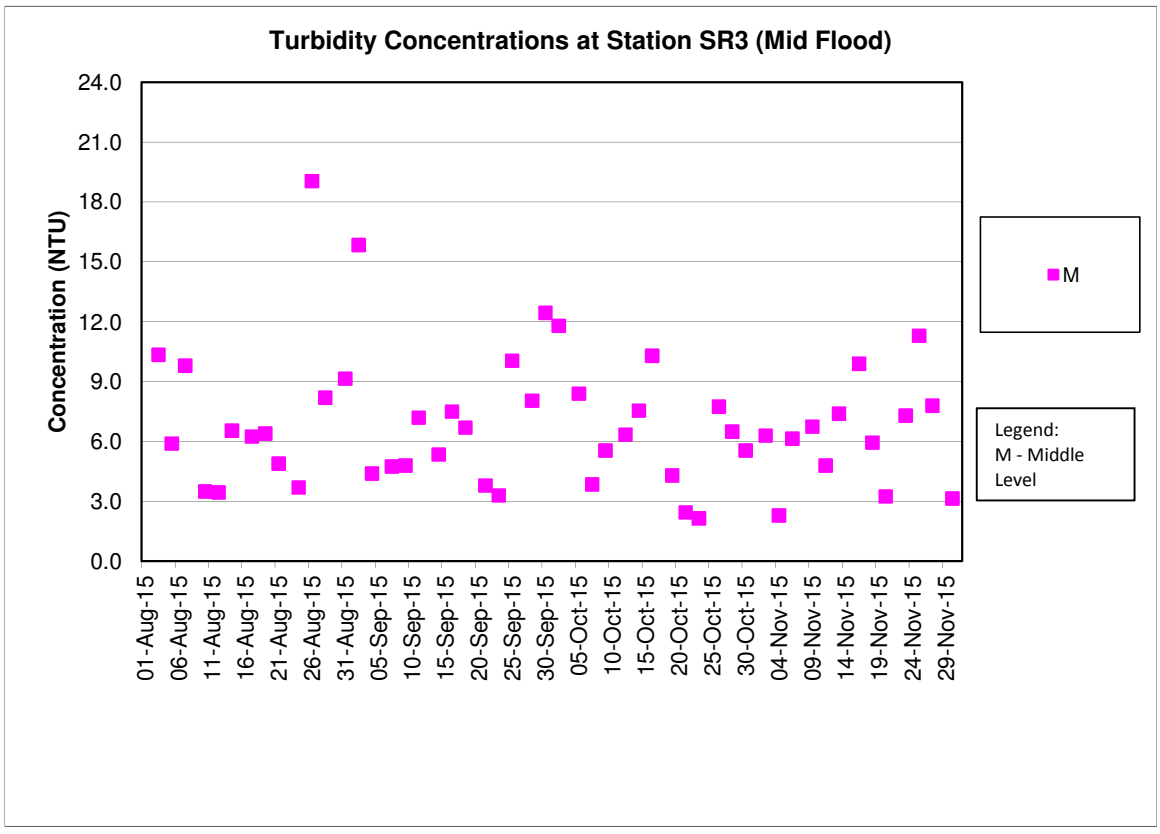

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

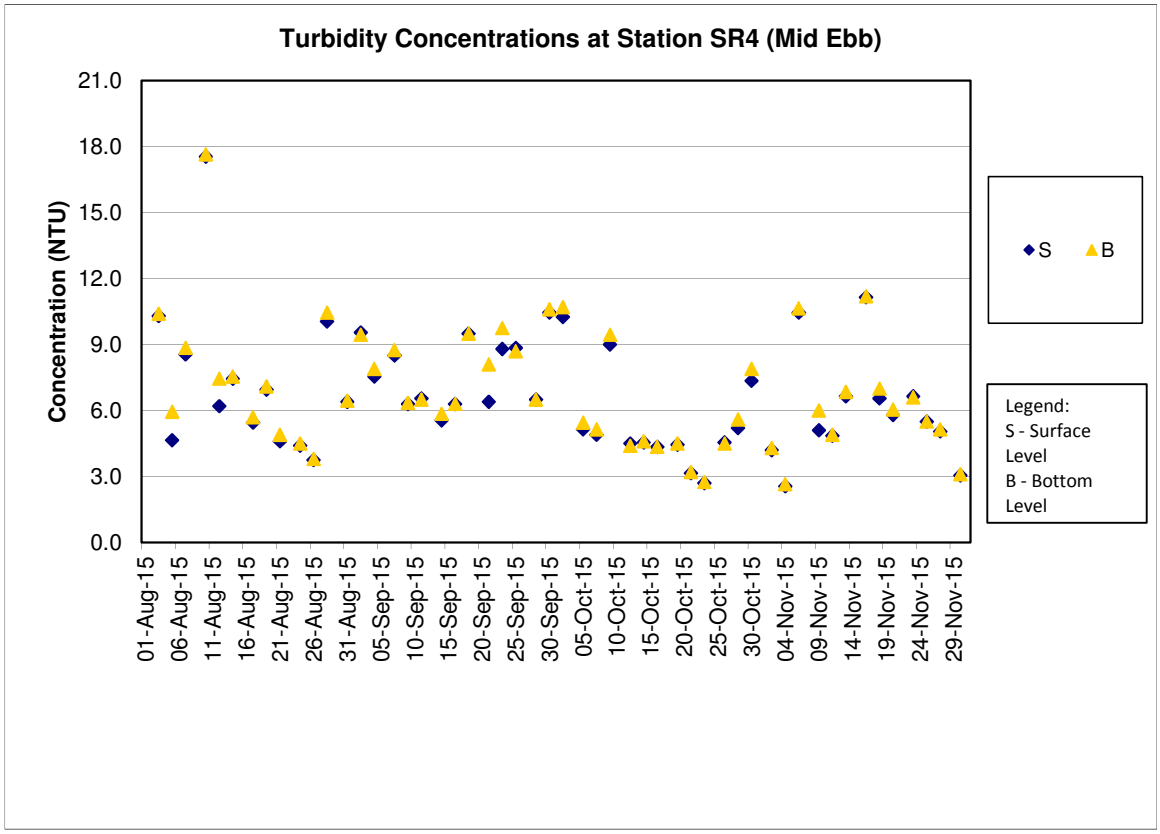

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

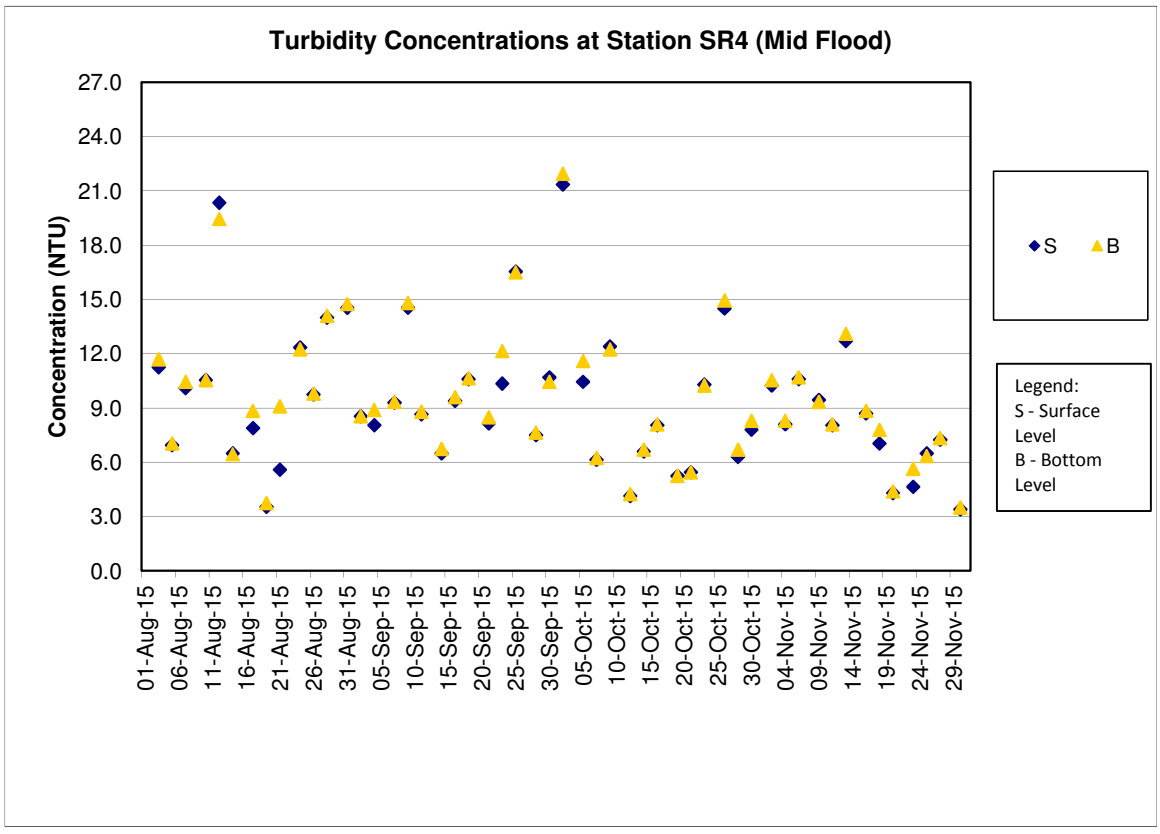

Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

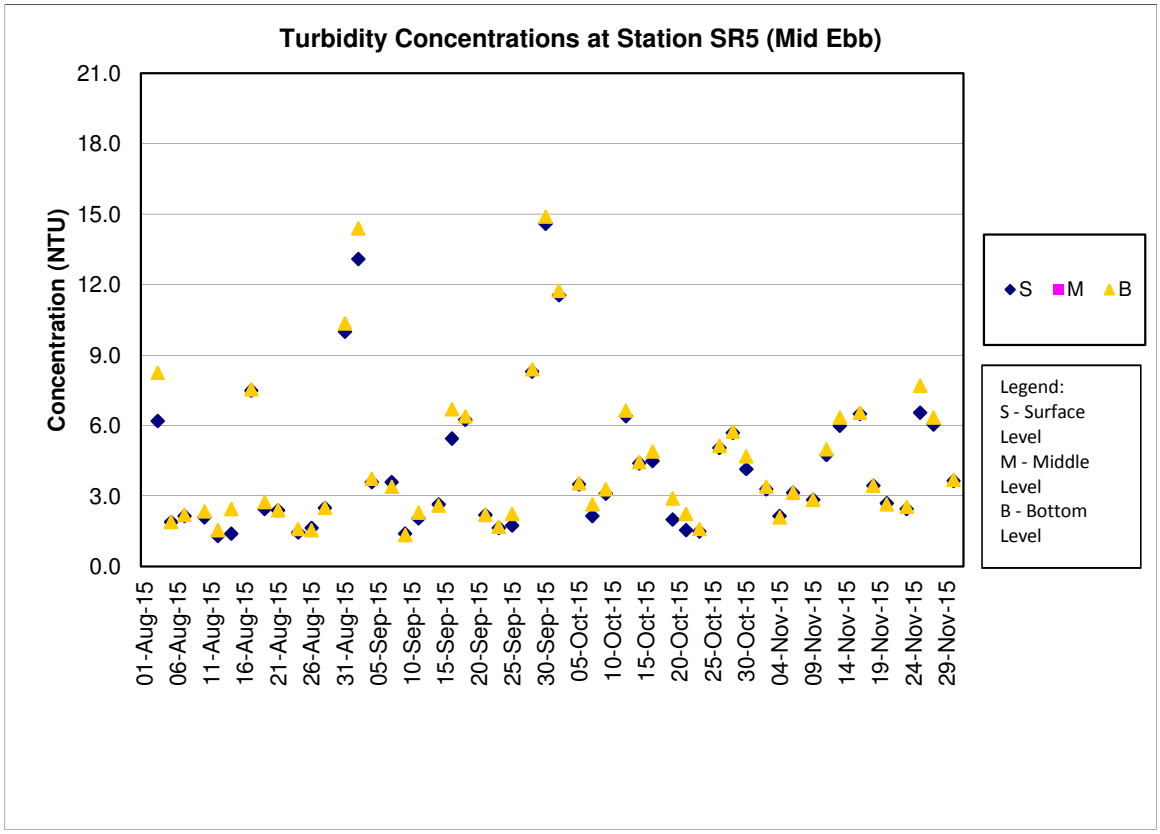

Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

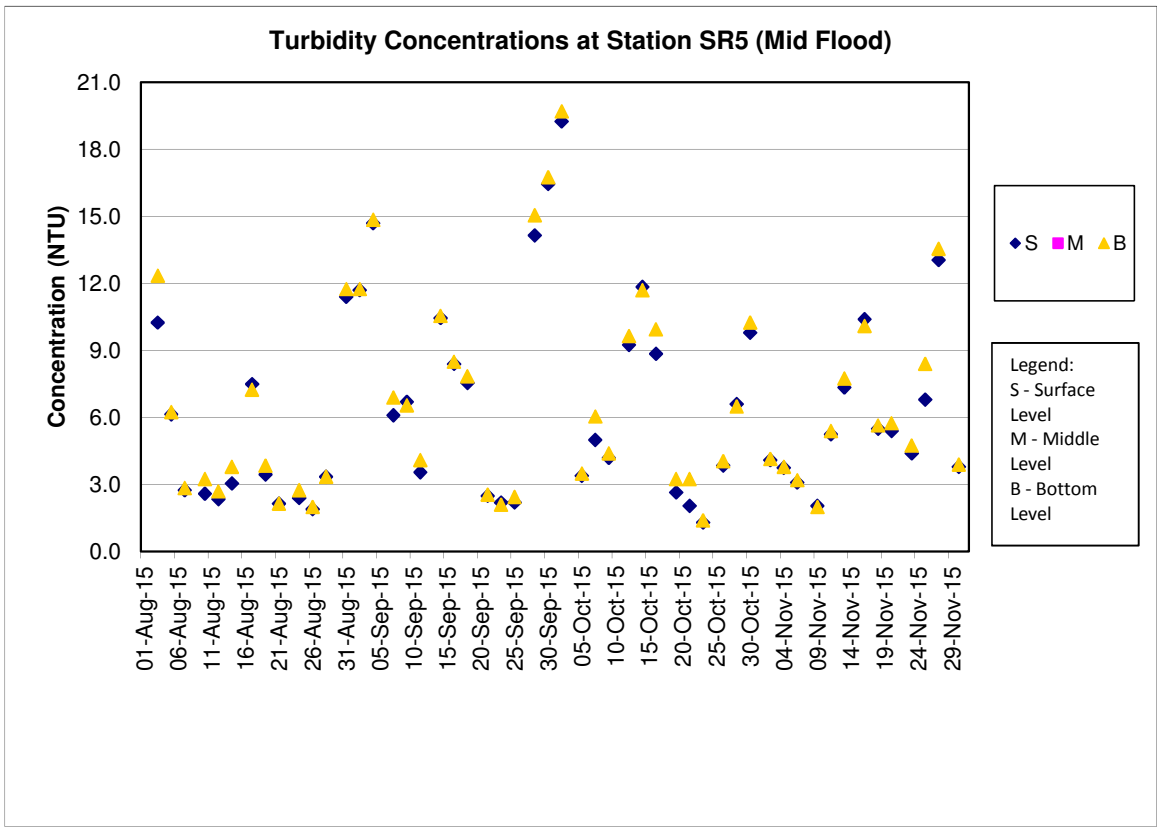

Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

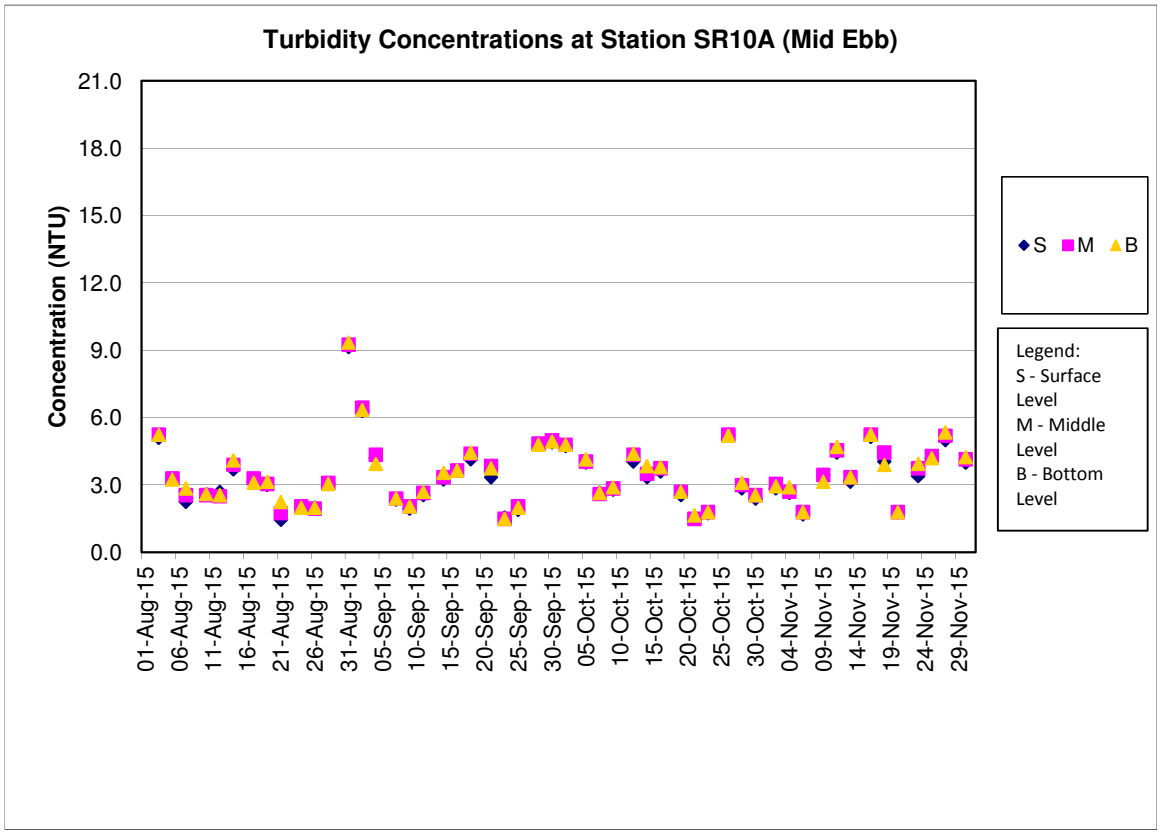

Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

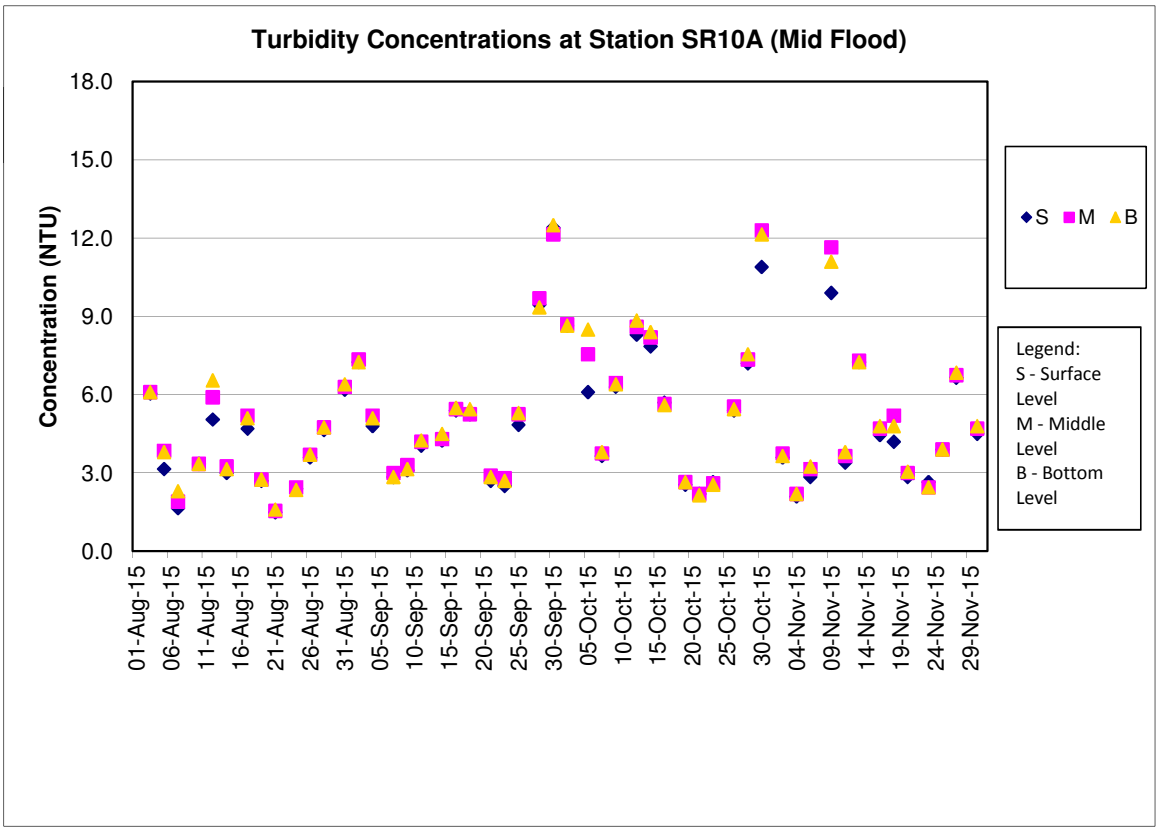

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

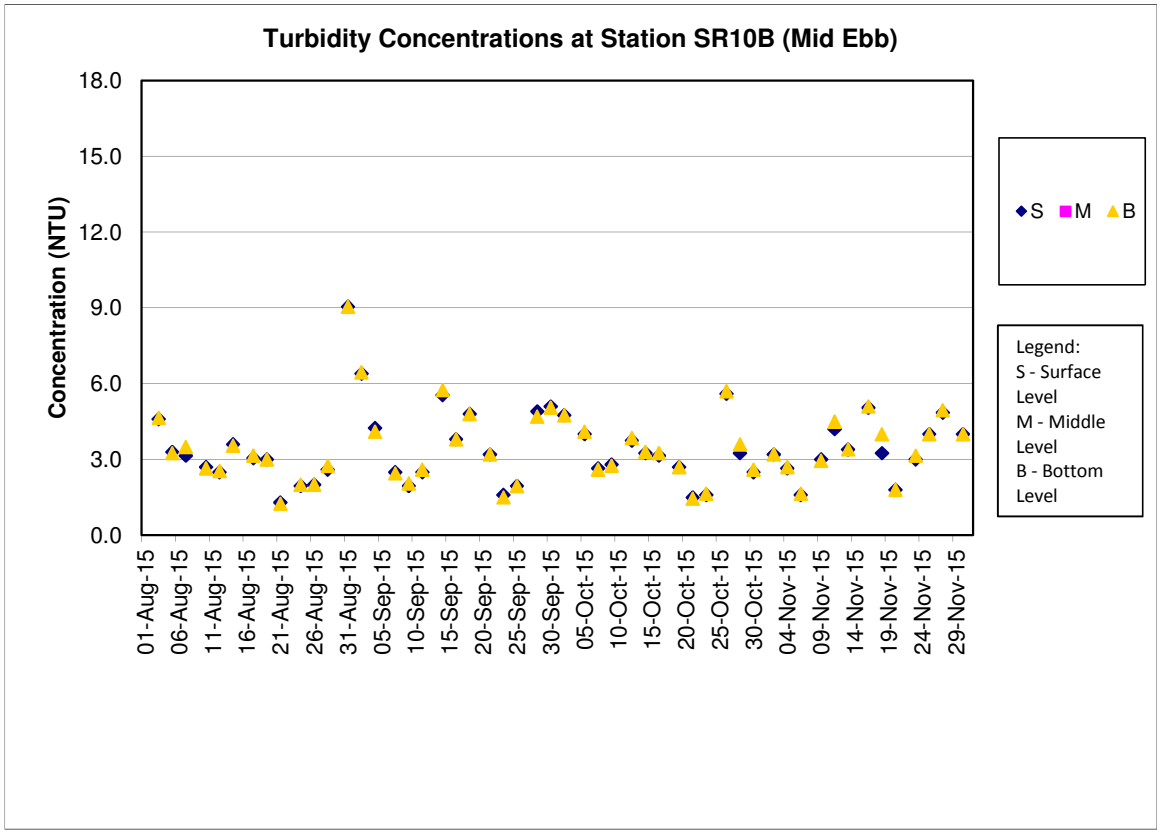

Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

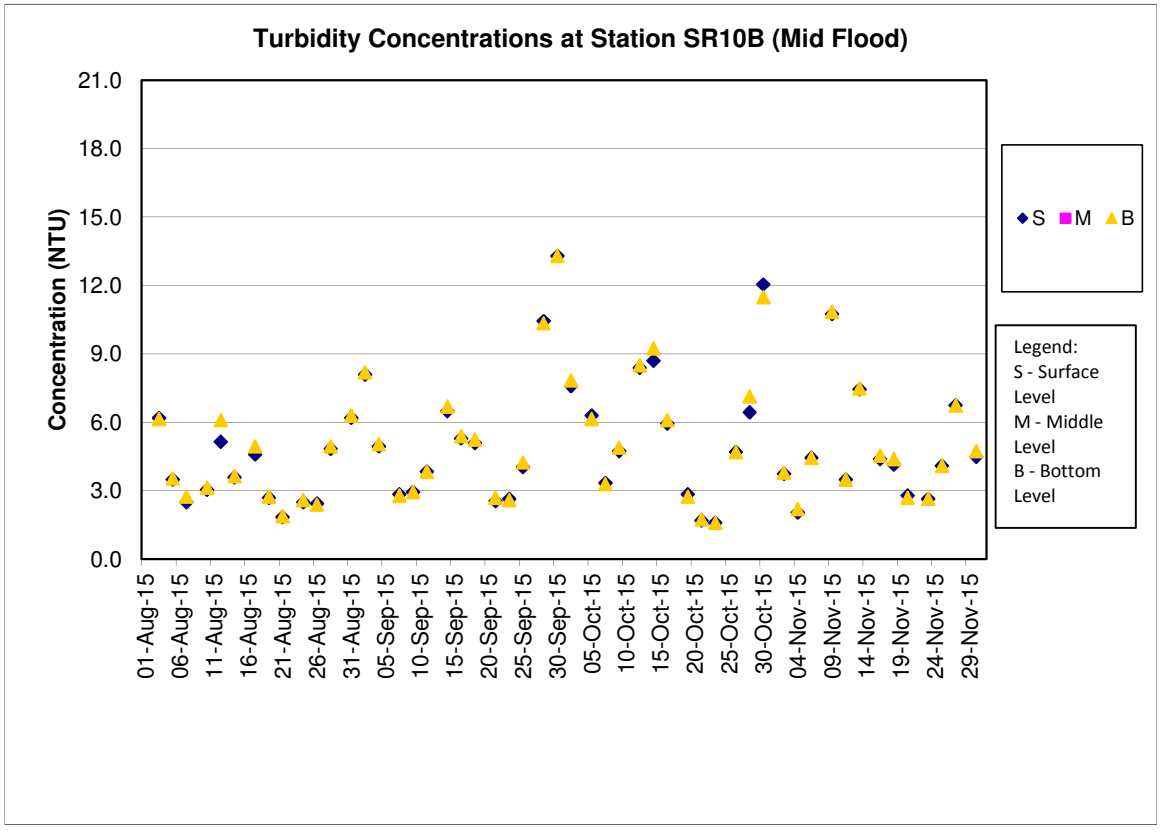

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

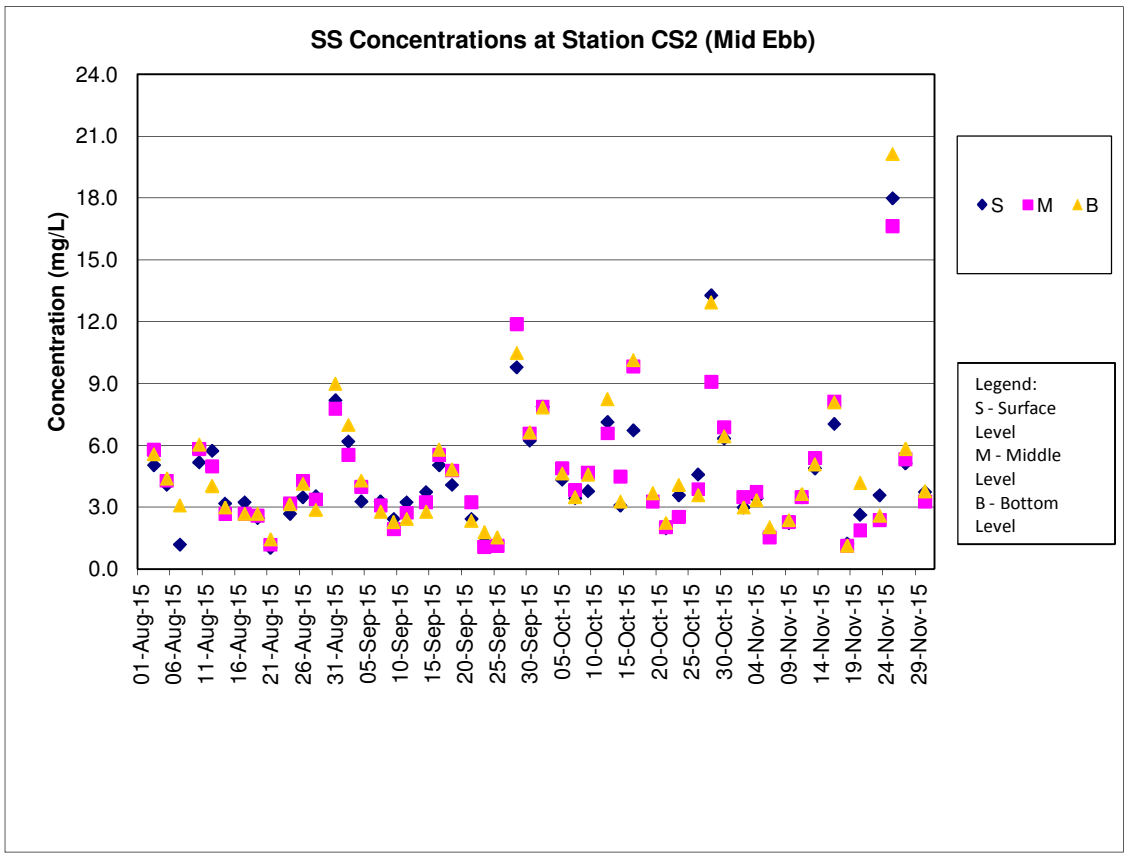

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

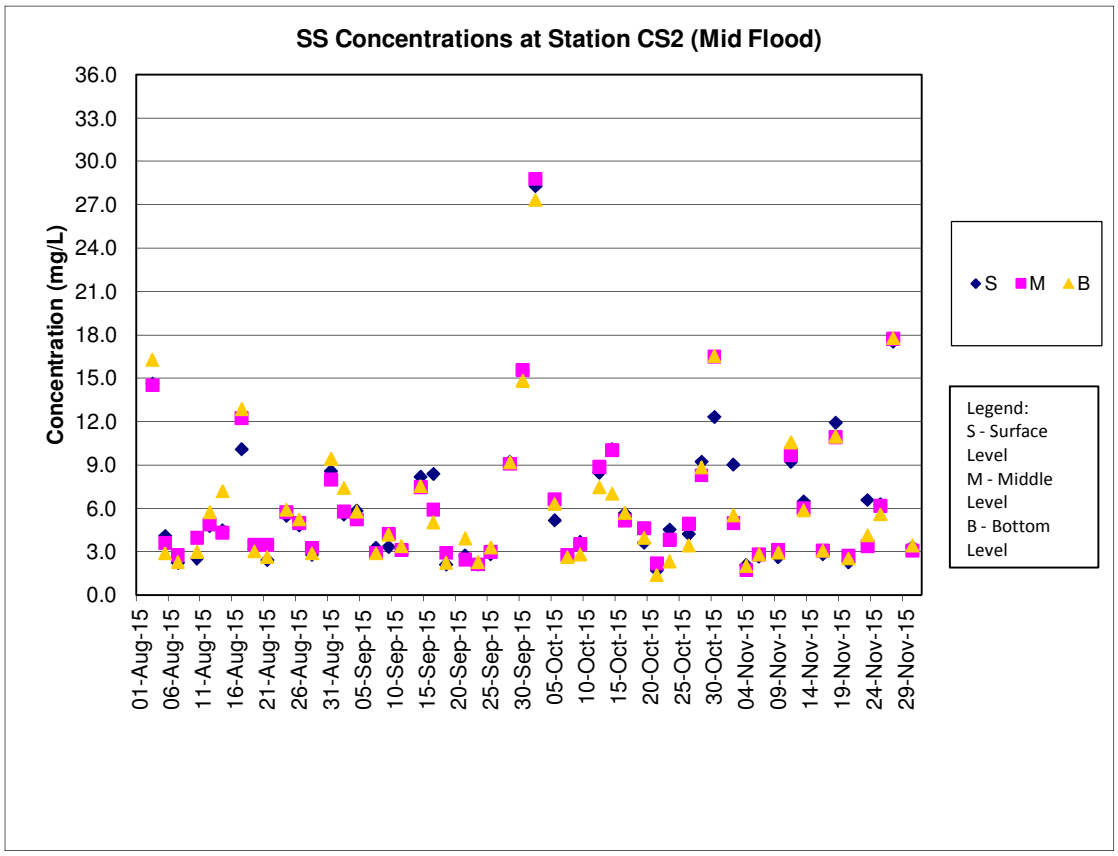

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

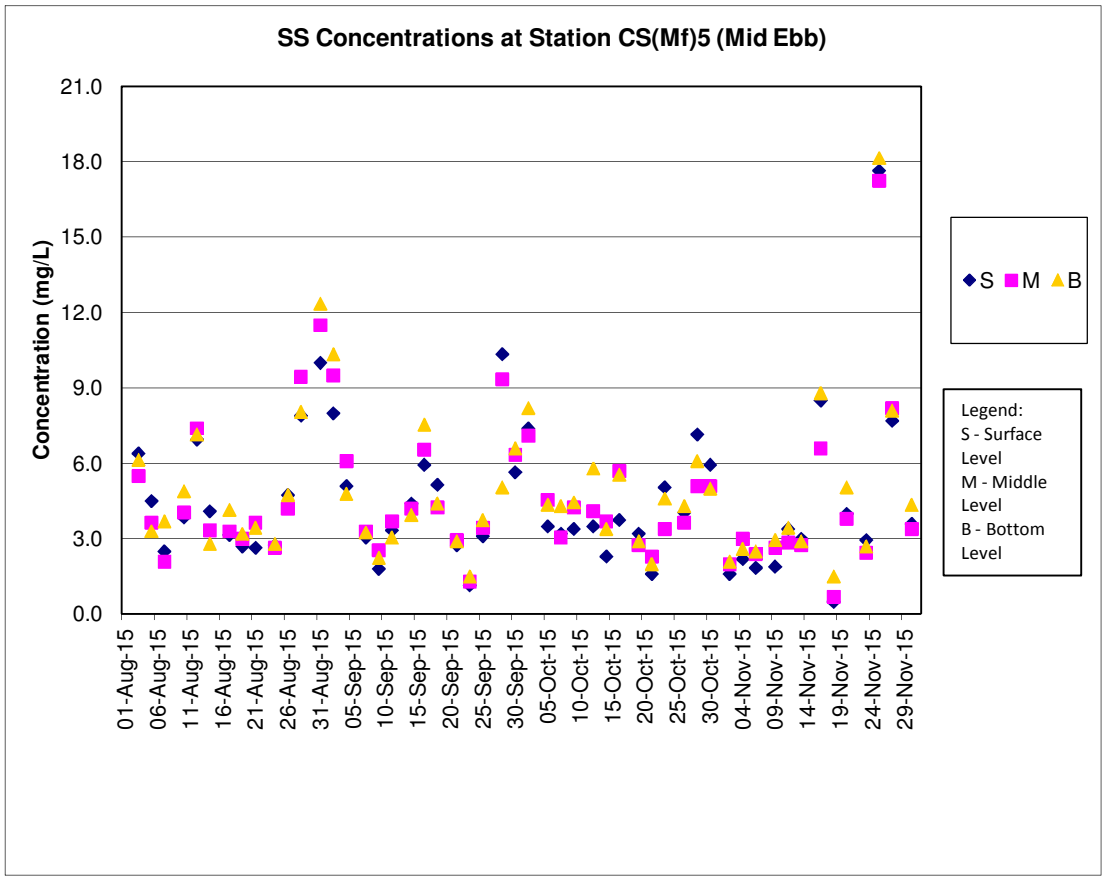

Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

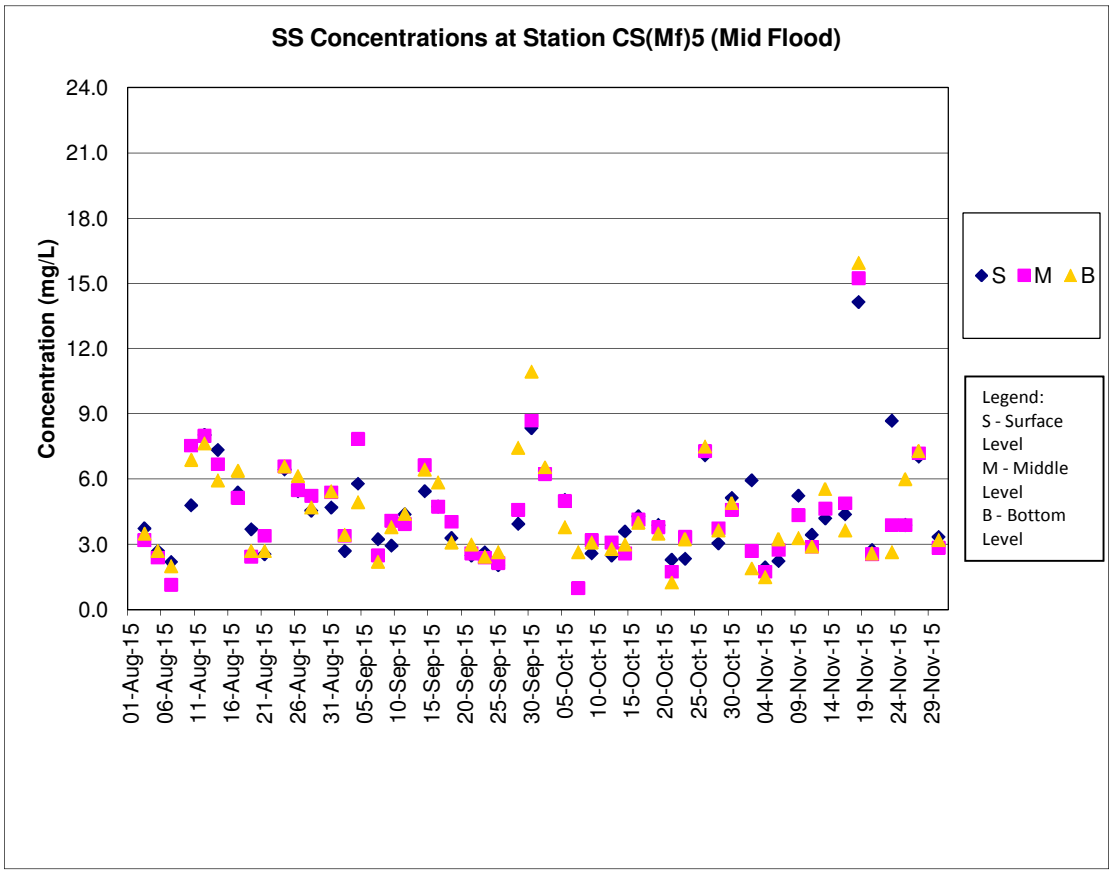

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

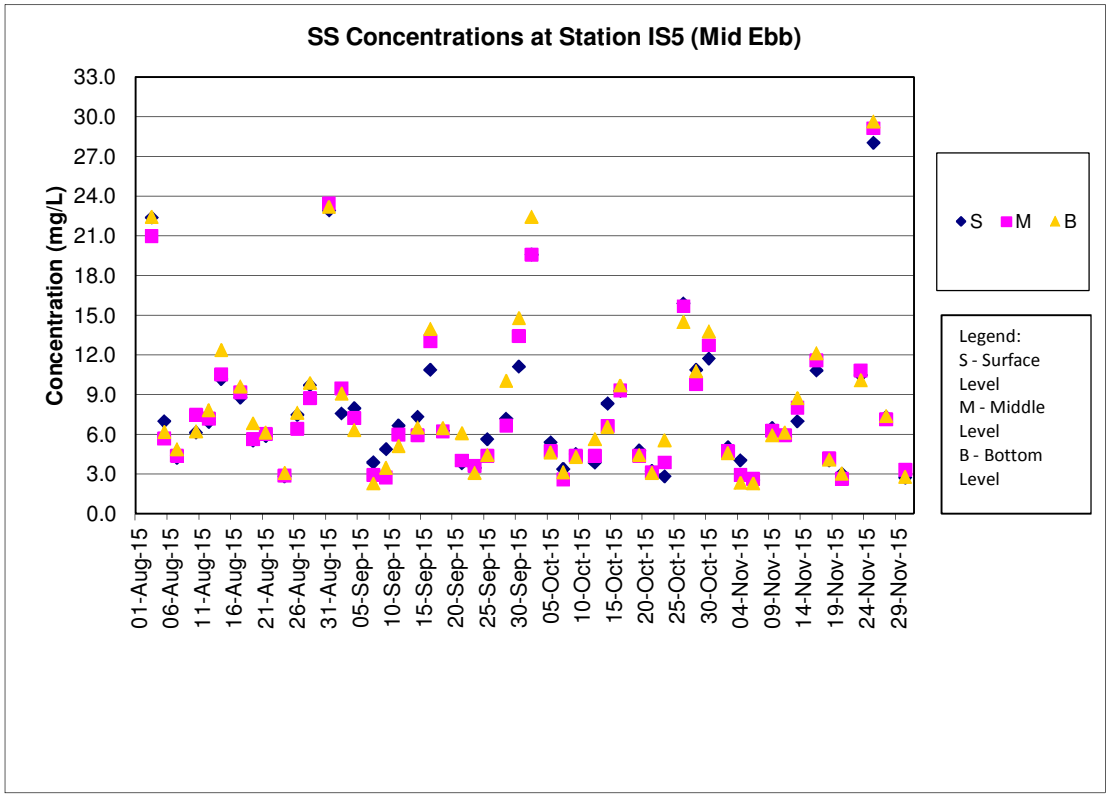

Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

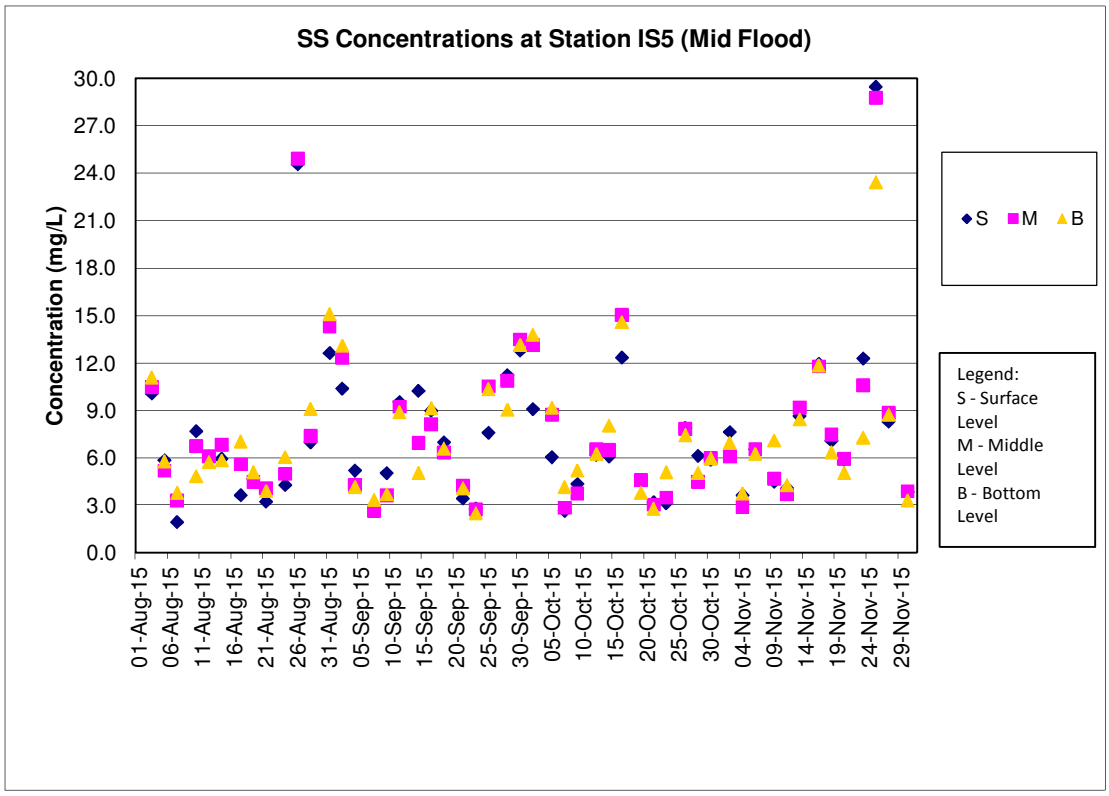

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

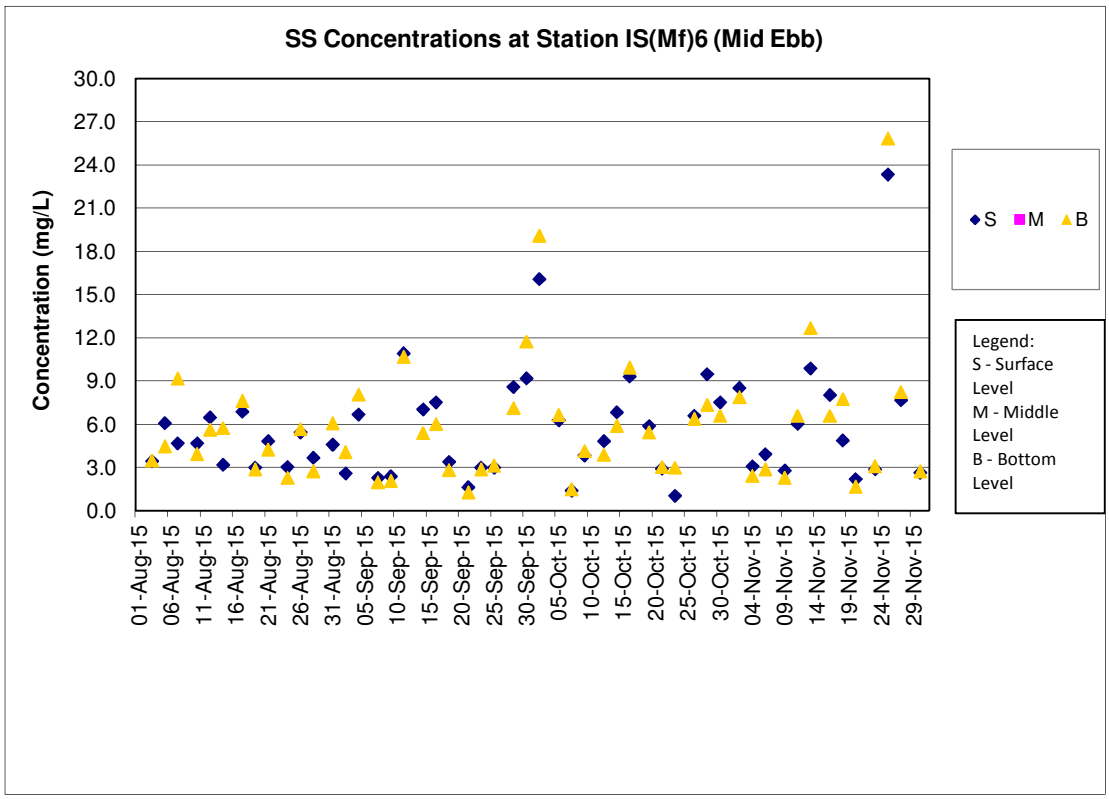

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

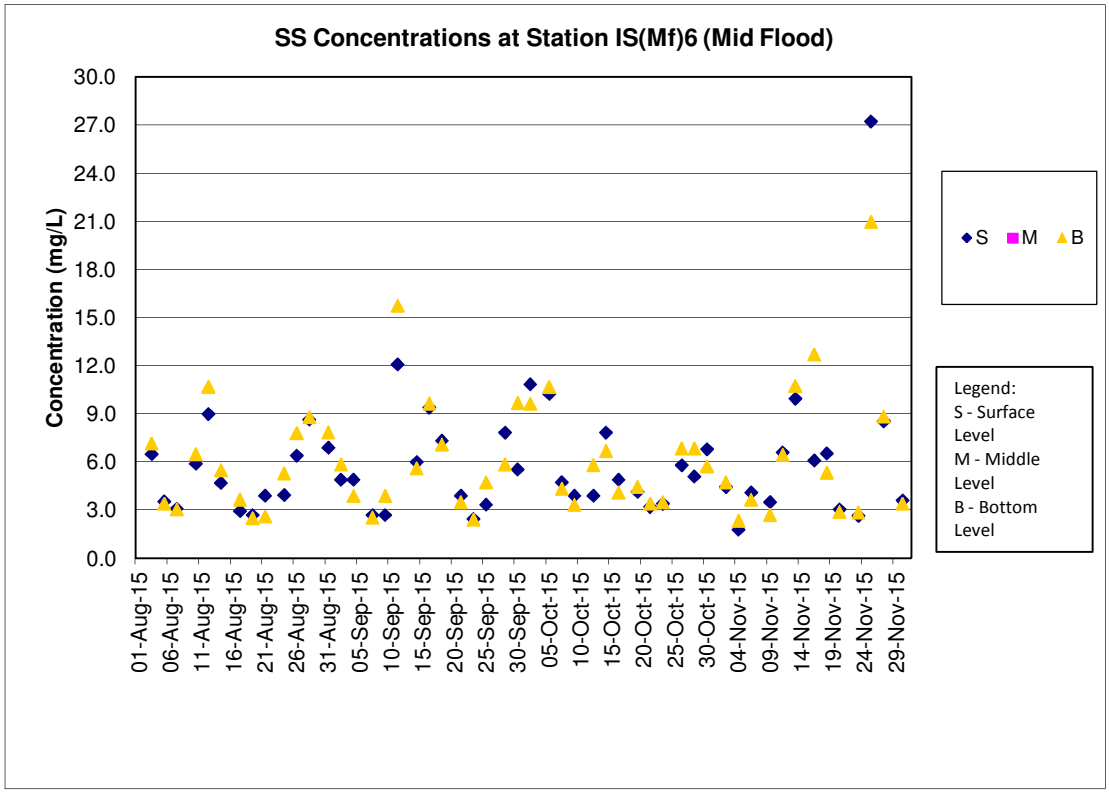

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

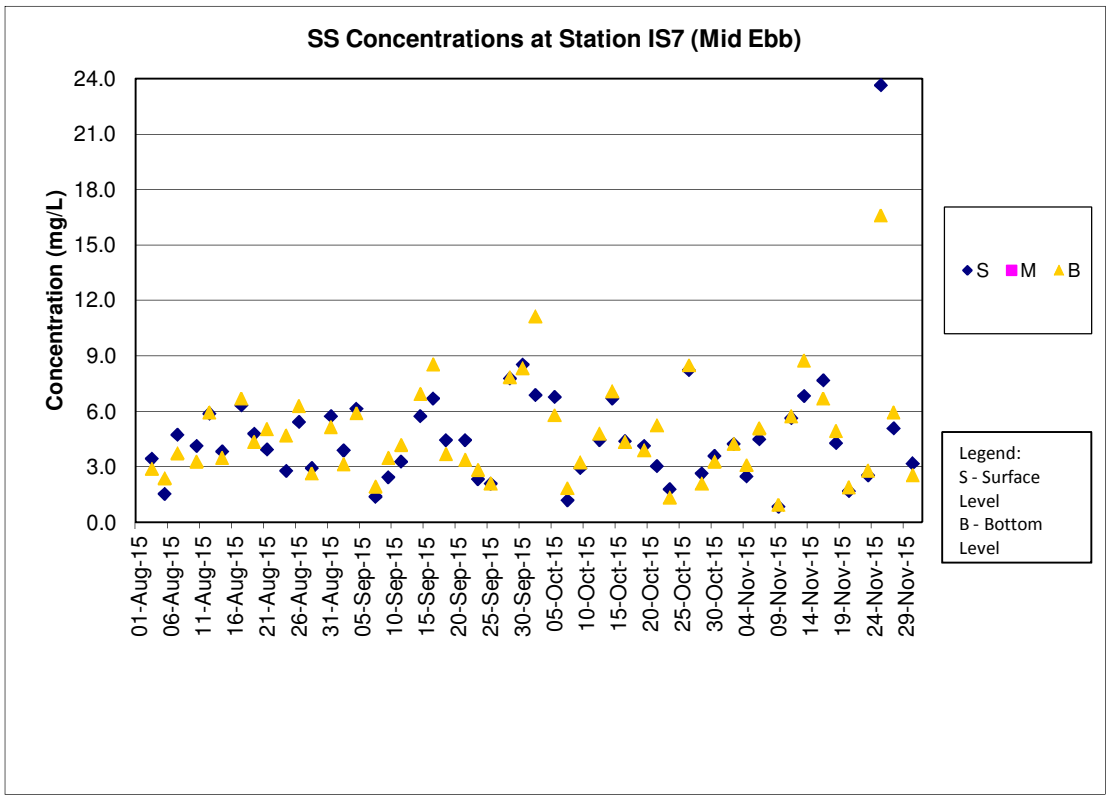

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

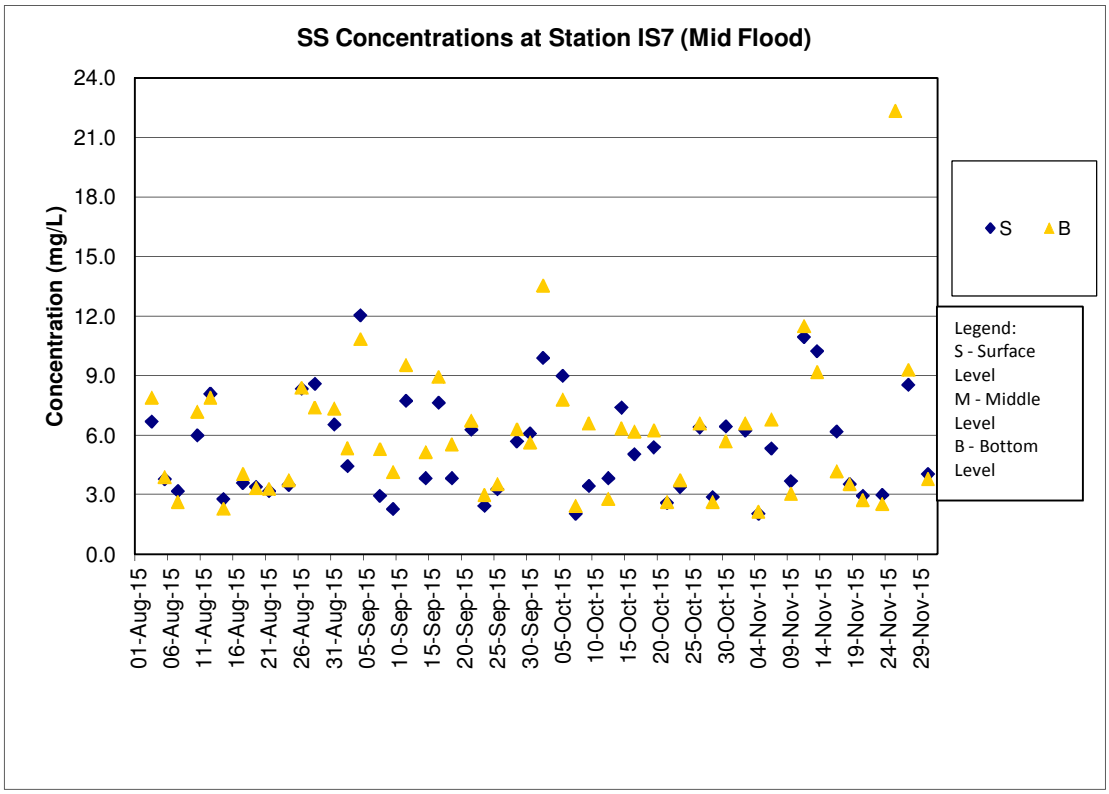

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

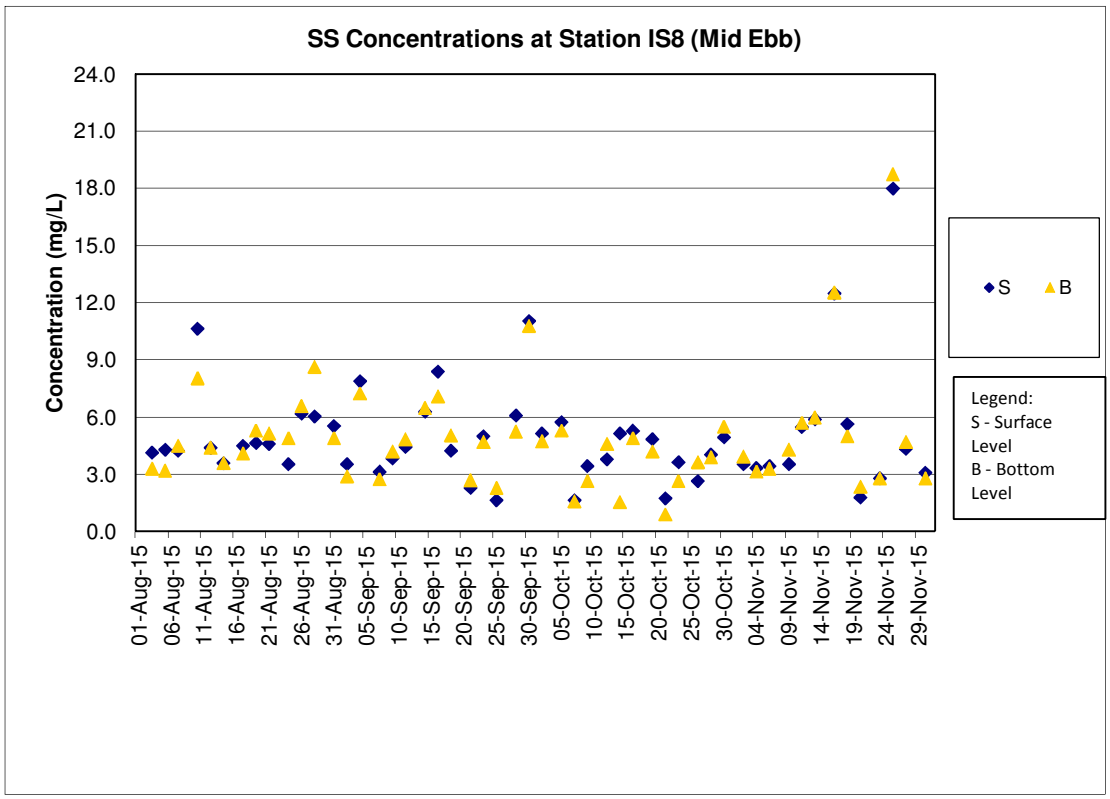

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

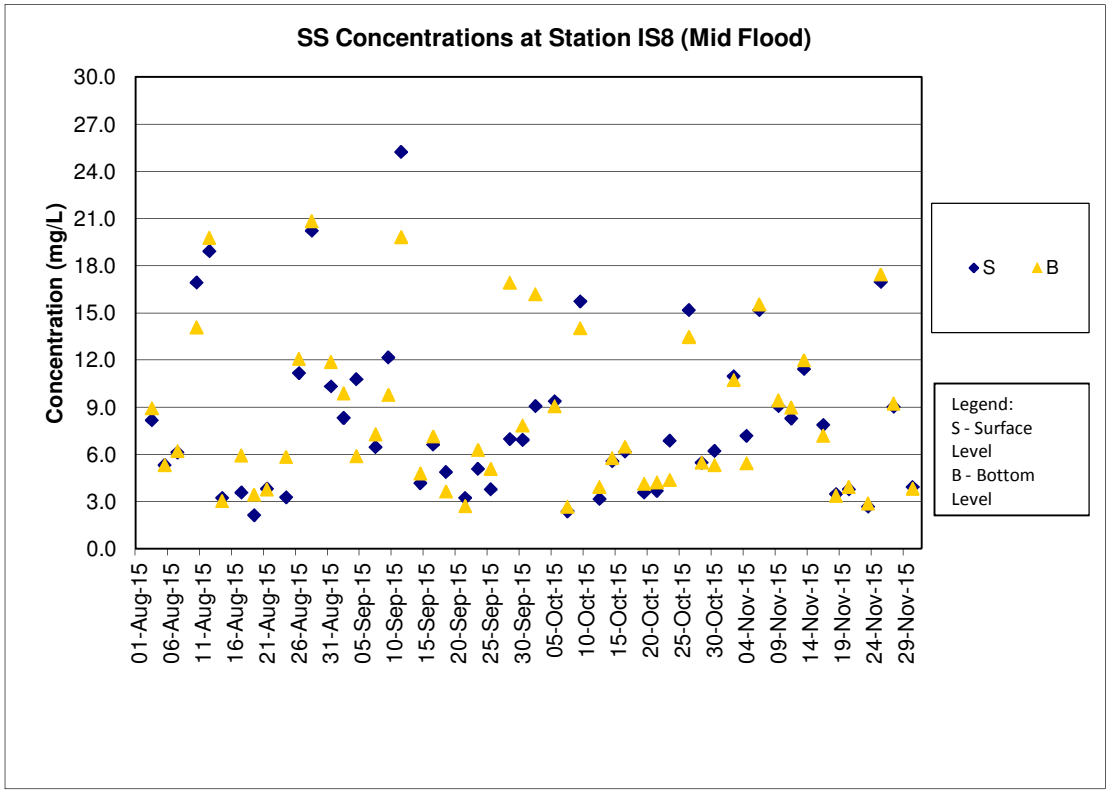

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

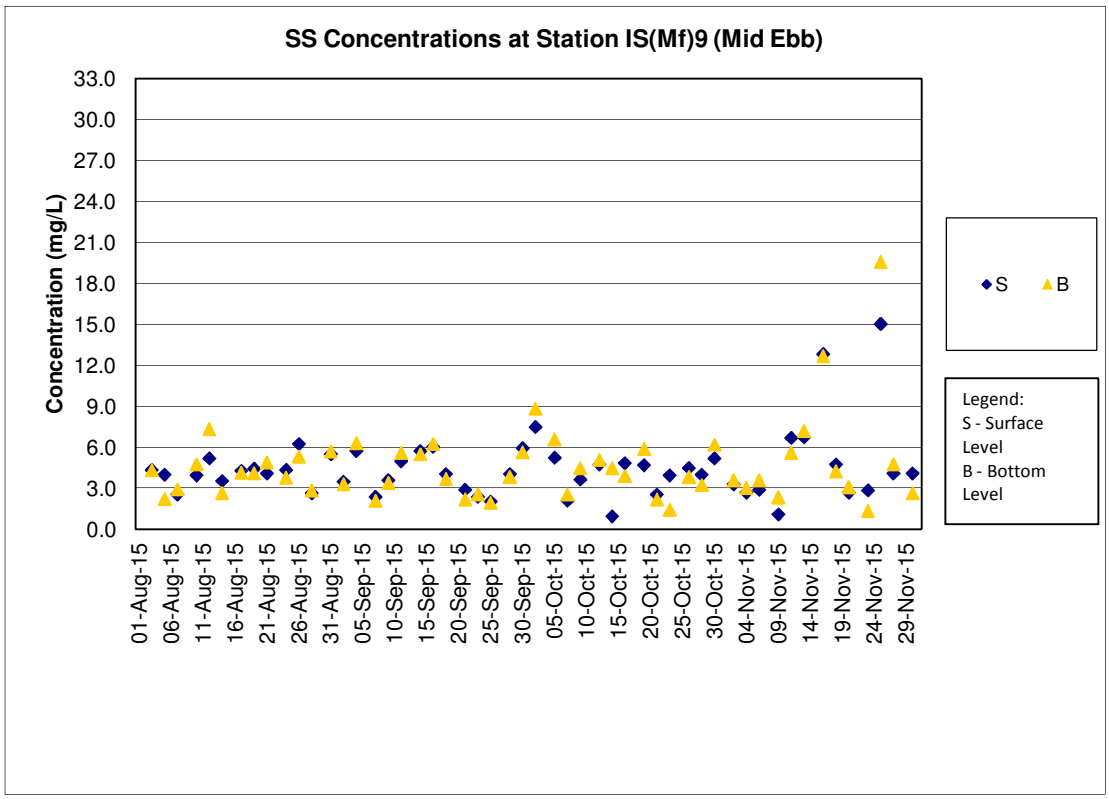

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

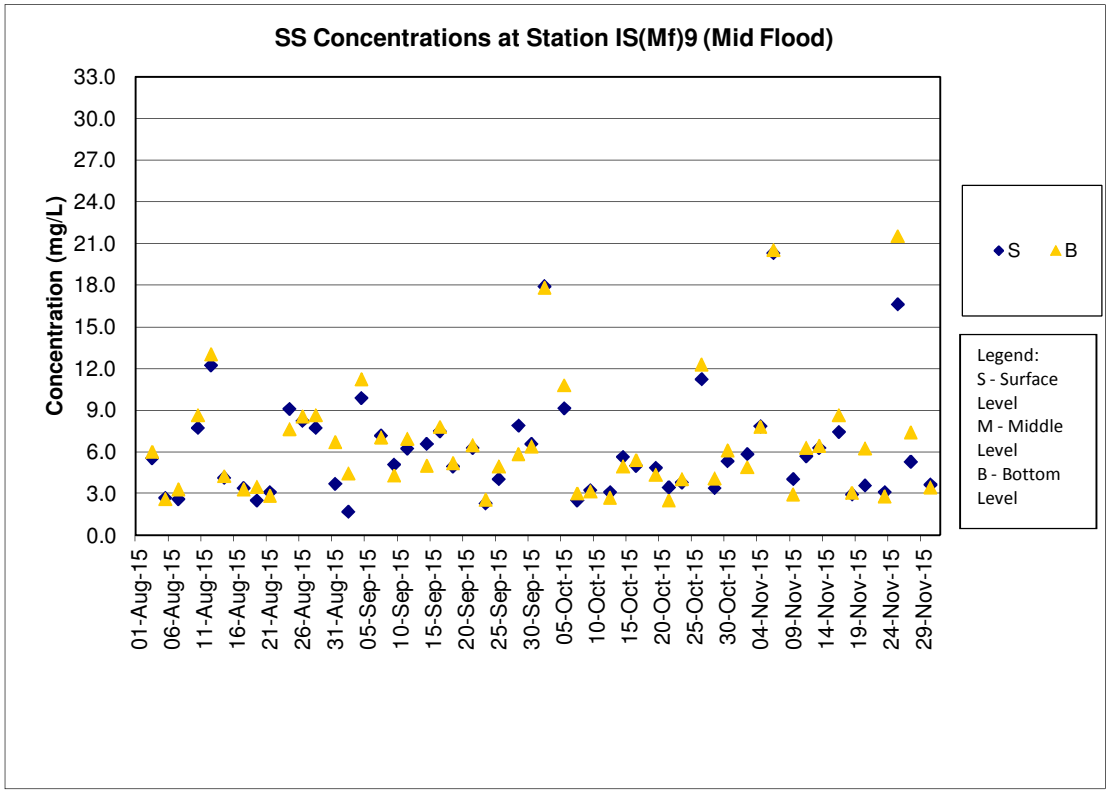

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

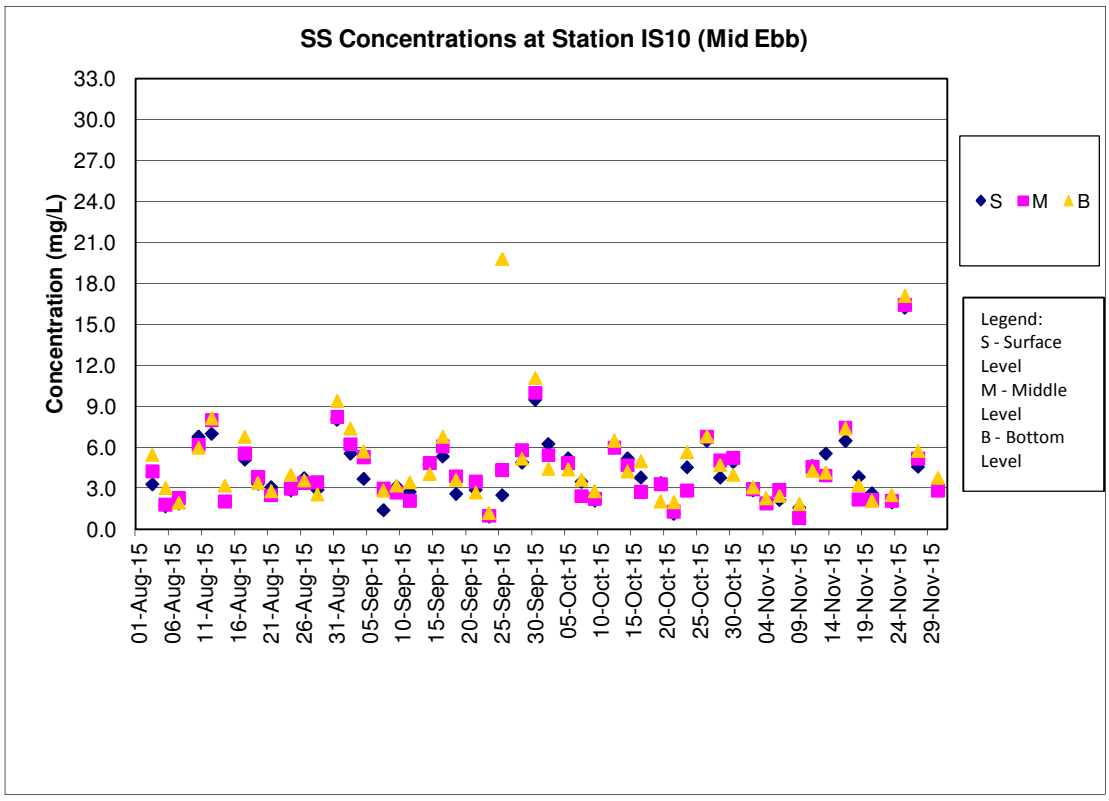

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

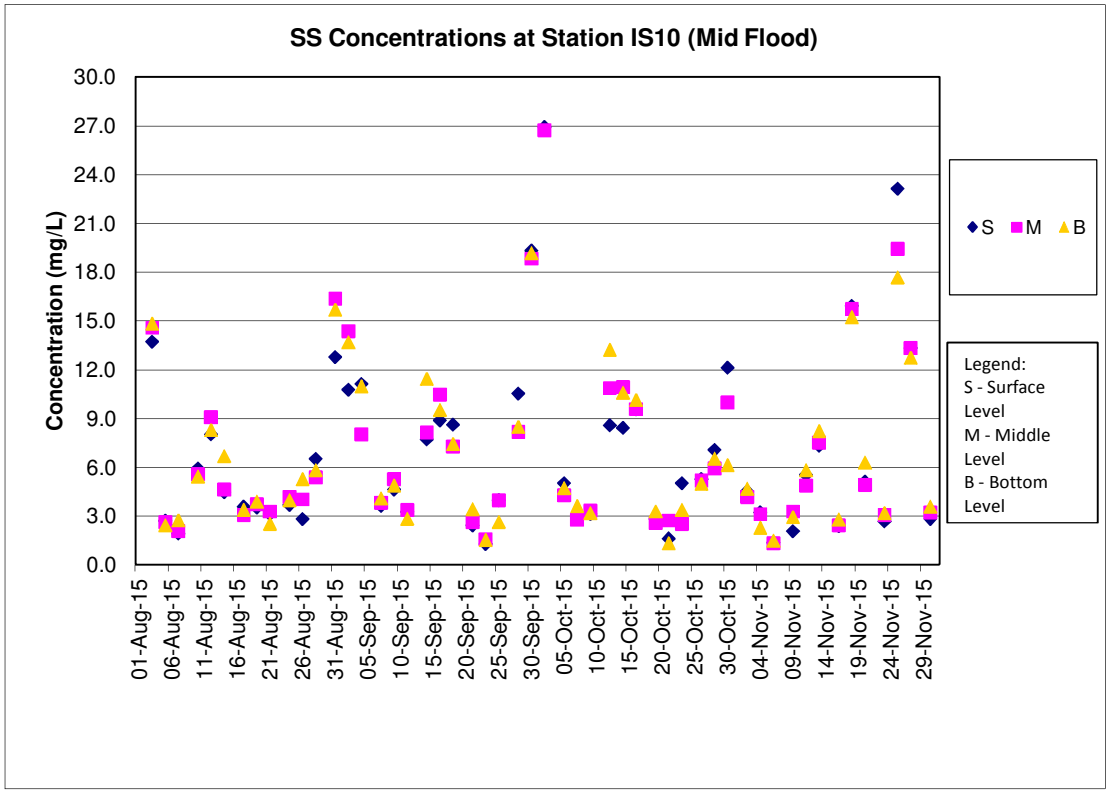

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

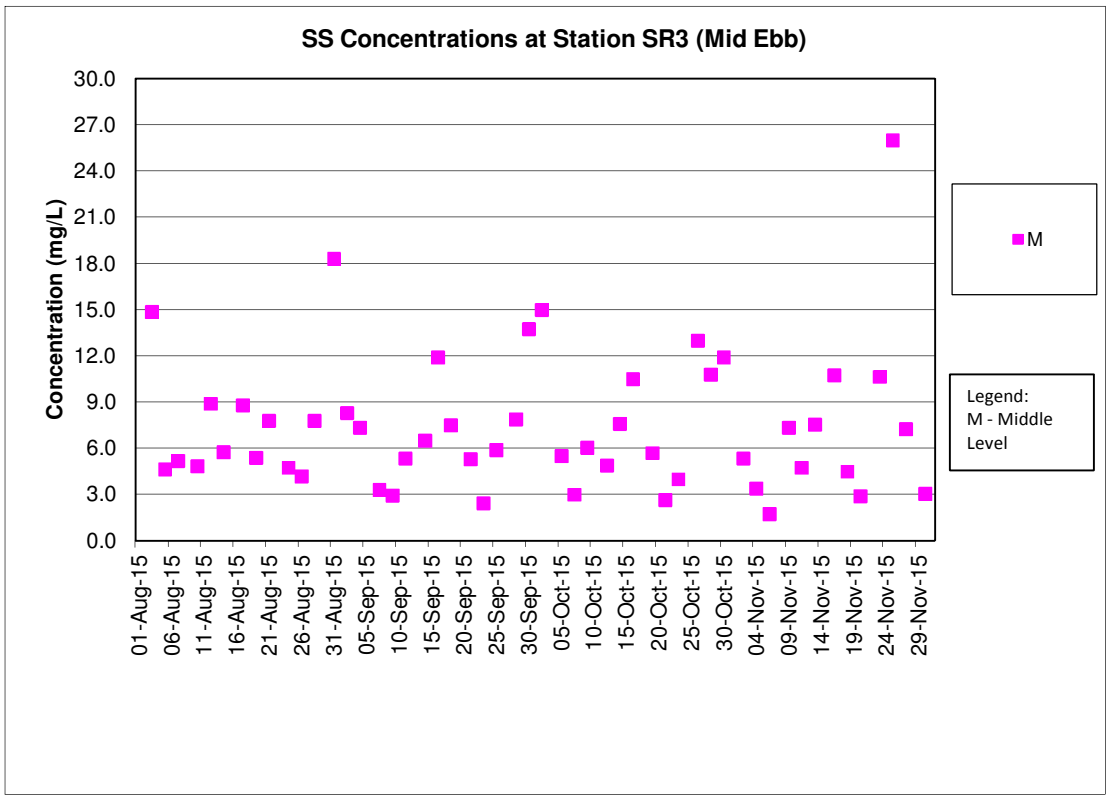

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

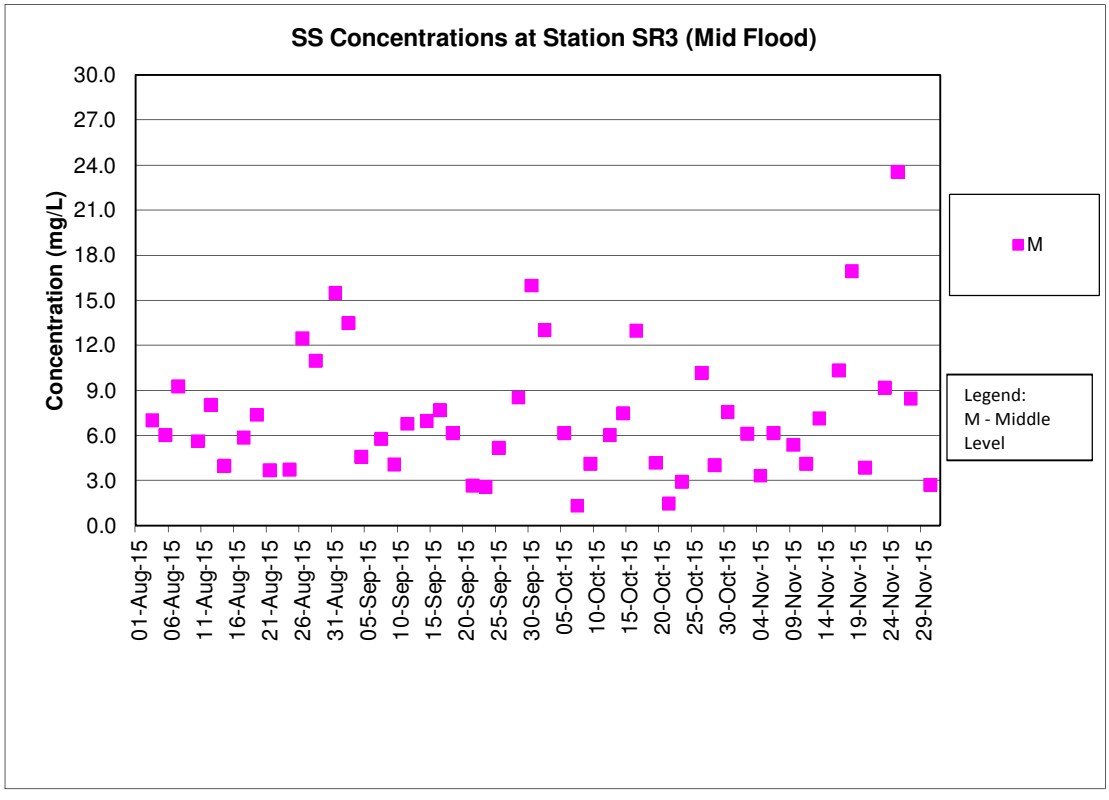

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

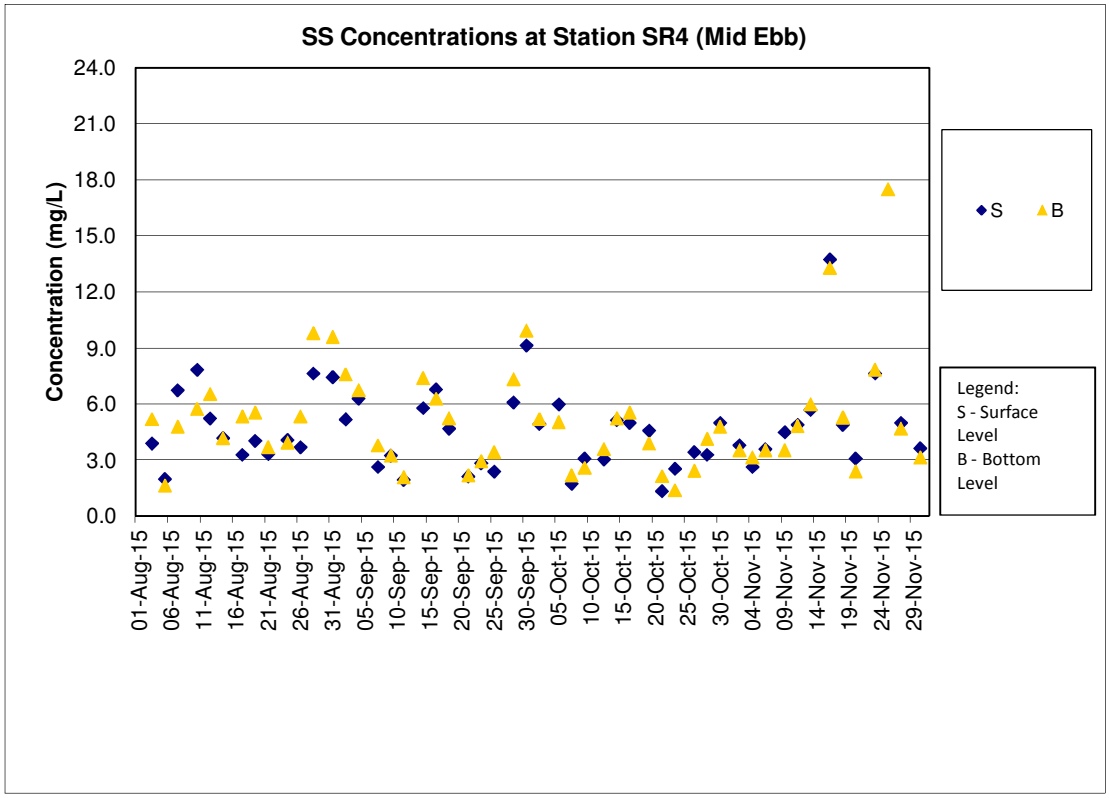

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

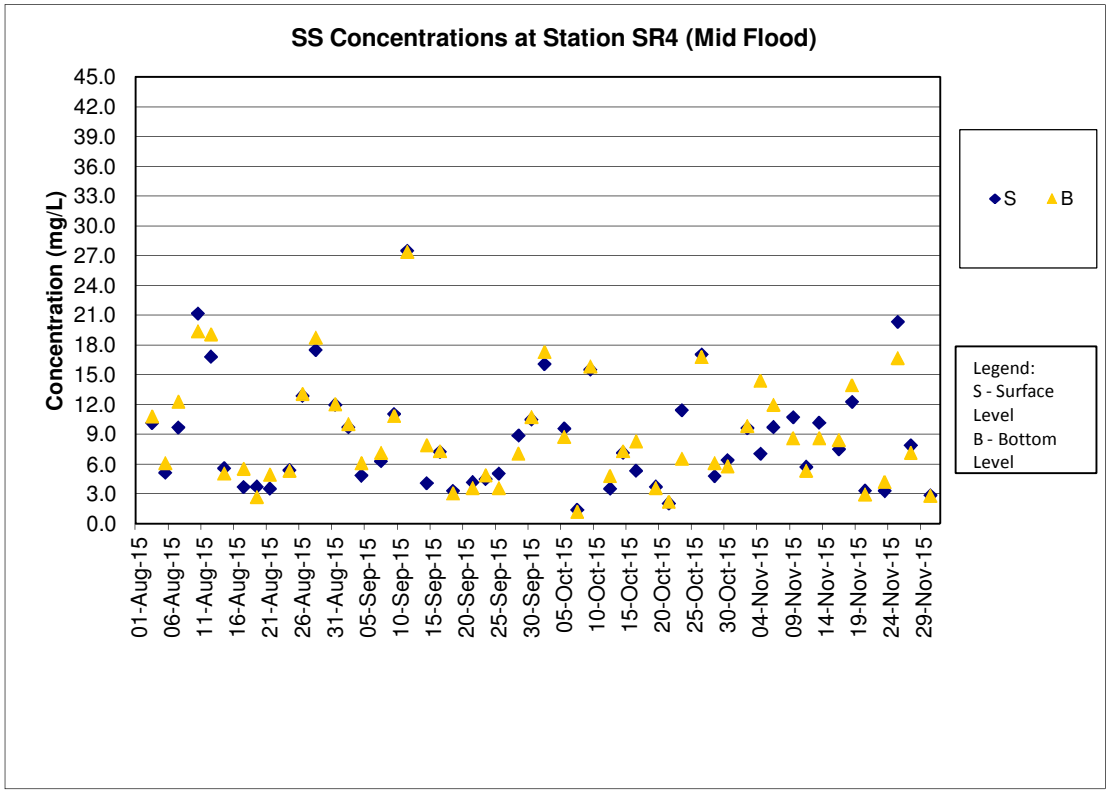

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15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

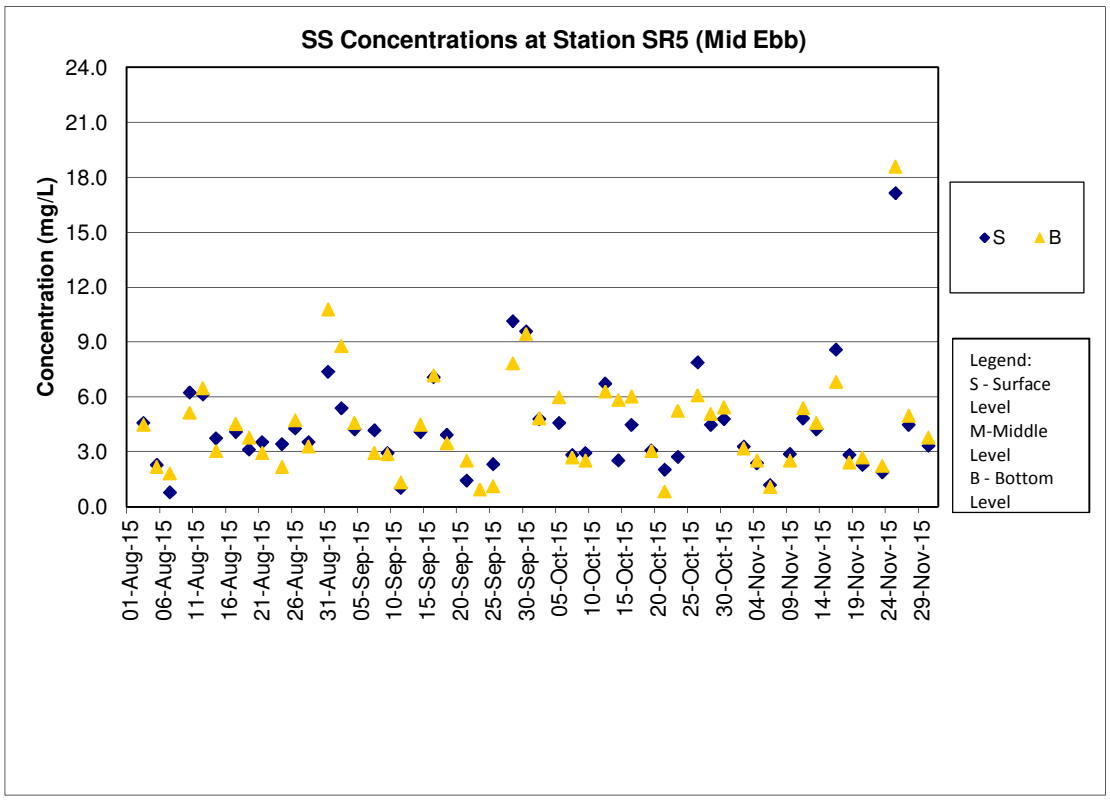

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

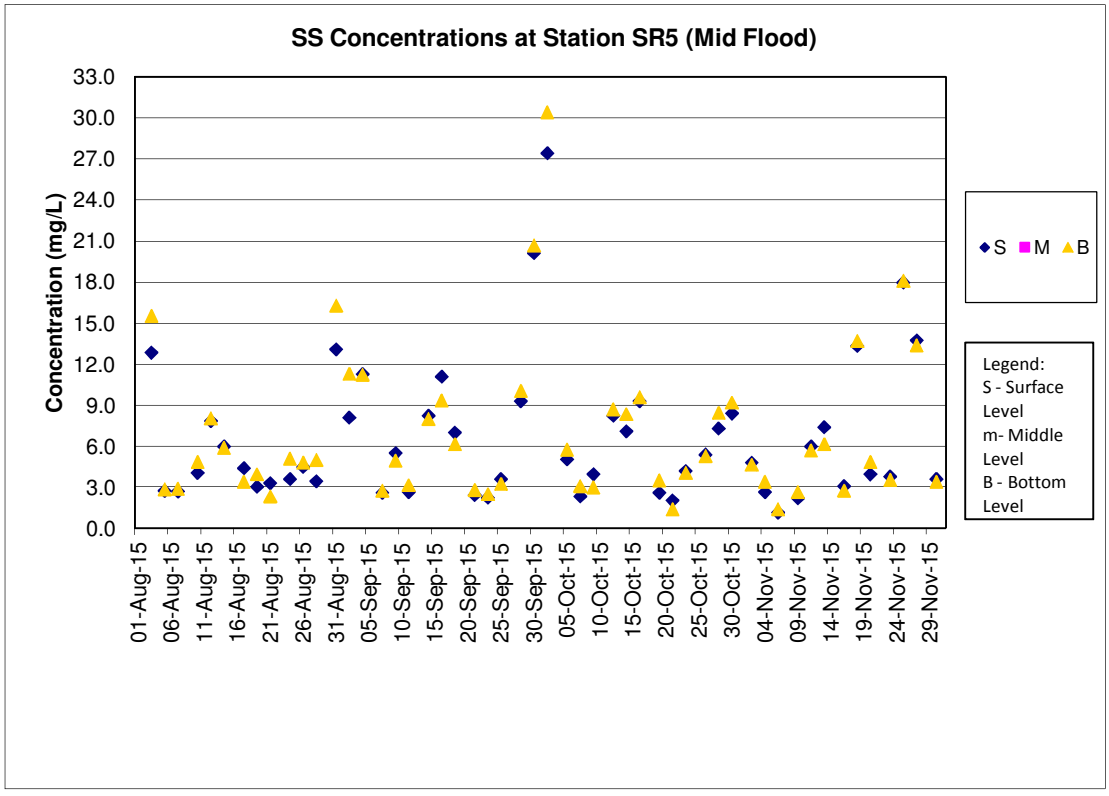

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

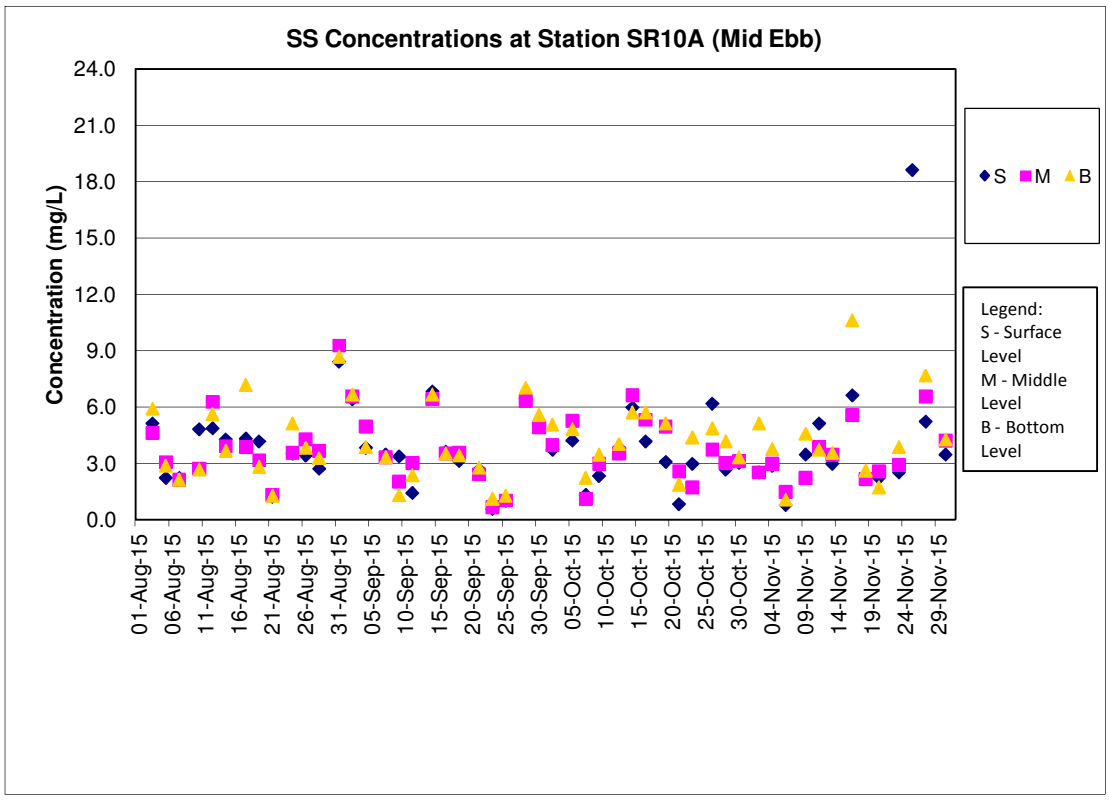

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15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

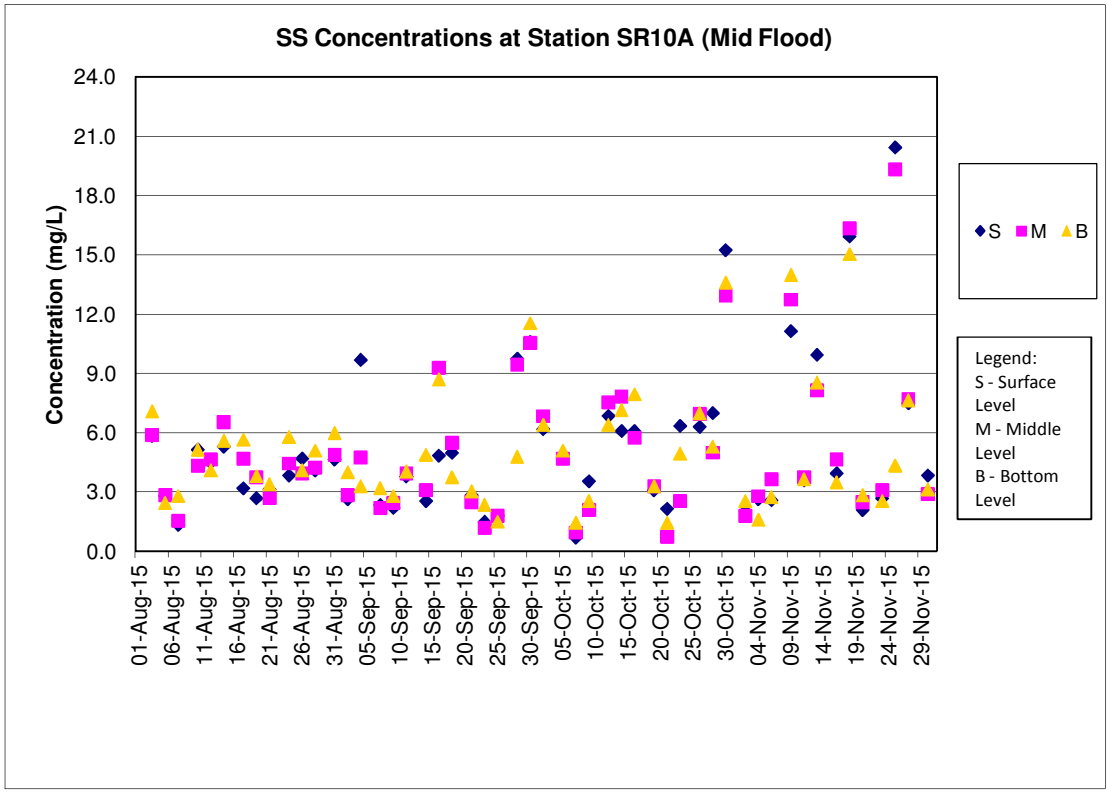

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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

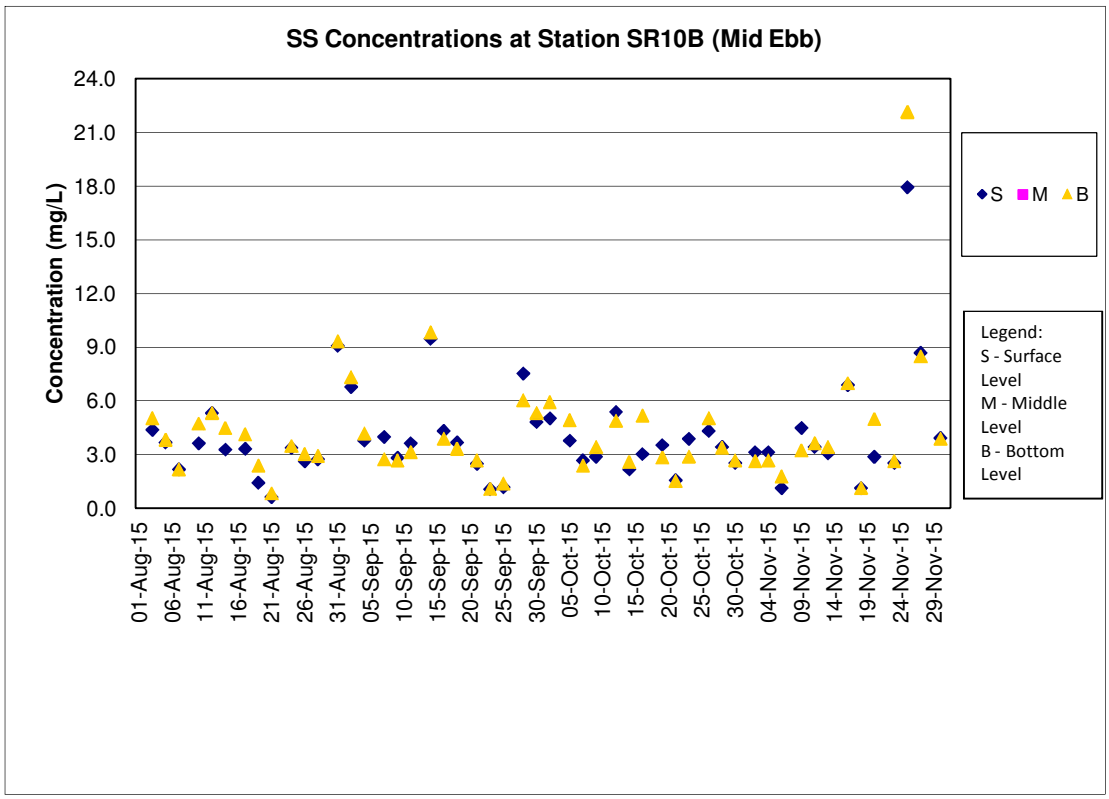

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15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

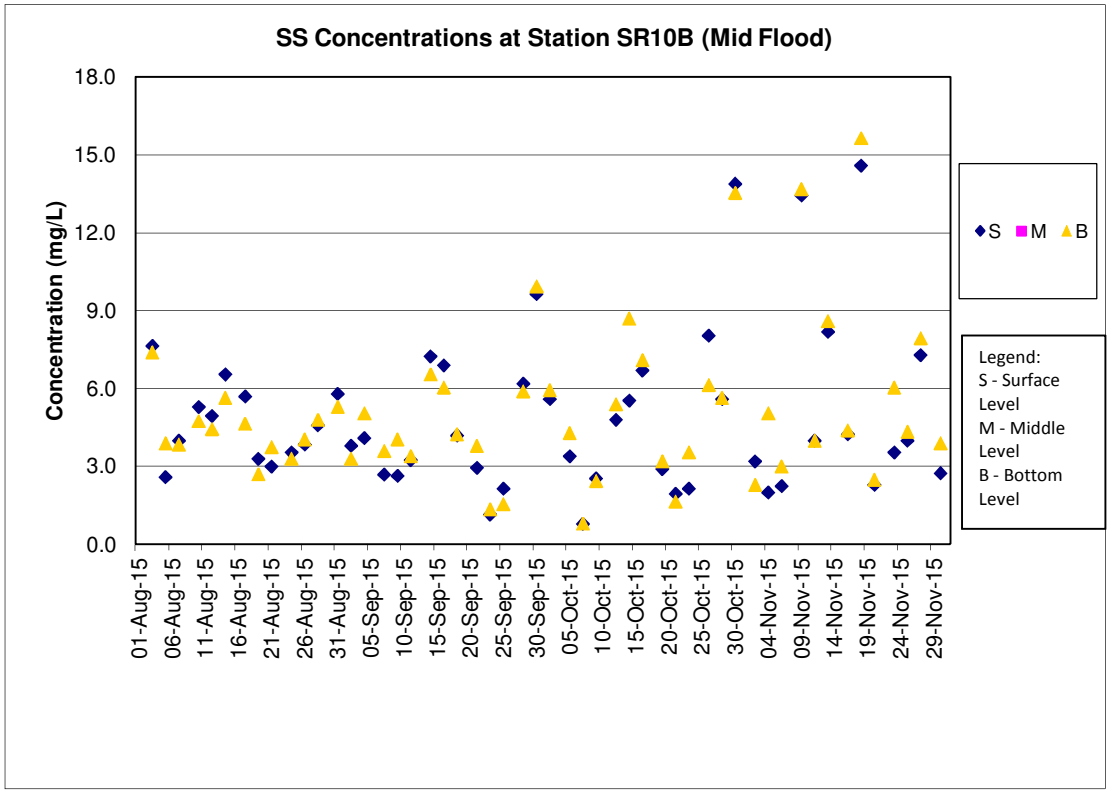

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15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


SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-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
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-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
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Aug-15
06-Aug-15
11-Aug-15
16-Aug-15
21-Aug-15
26-Aug-15
31-Aug-15
05-Sep-15
10-Sep-15
15-Sep-15
20-Sep-15
25-Sep-15
30-Sep-15
05-Oct-15
10-Oct-15
15-Oct-15
20-Oct-15
25-Oct-15
30-Oct-15
04-Nov-15
09-Nov-15
14-Nov-15
19-Nov-15
24-Nov-15
29-Nov-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

13th Quarterly Progress Report (September-November 2015)
submitted to China State Construction Engineering (HK) Ltd.

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

10 December 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 13th 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 September to November 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 (see Figure 1) twice per month throughout the entire construction period. The co-ordinates of all transect lines are shown in Table 1. The coordinates of several starting points have been revised due to the obstruction of the permanent structures in association to the construction works of HKLR and the southern viaduct of TM-CLKL, as well as provision of adequate buffer distance from the Airport Restricted Areas. The EPD issued a memo and confirmed that they had no objection on the revised transect lines on 19 August 2015, and the revised coordinates are in red and marked with an asterisk in Table 1.

Table 1. Co-ordinates of transect lines

Line No.		Easting	Northing		Line No.		Easting	Northing
1	Start Point	804671	815456*		13	Start Point	816506	819480
1	End Point	804671	831404		13	End Point	816506	824859
2	Start Point	805475	815913*		14	Start Point	817537	820220
2	End Point	805477	826654		14	End Point	817537	824613
3	Start Point	806464	819435		15	Start Point	818568	820735
3	End Point	806464	822911		15	End Point	818568	824433
4	Start Point	807518	819771		16	Start Point	819532	821420
4	End Point	807518	829230		16	End Point	819532	824209
5	Start Point	808504	820220		17	Start Point	820451	822125
5	End Point	808504	828602		17	End Point	820451	823671

6	Start Point	809490	820466		18	Start Point	821504	822371
6	End Point	809490	825352		18	End Point	821504	823761
7	Start Point	810499	820880*		19	Start Point	822513	823268
7	End Point	810499	824613		19	End Point	822513	824321
8	Start Point	811508	821123*		20	Start Point	823477	823402
8	End Point	811508	824254		20	End Point	823477	824613
9	Start Point	812516	821303*		21	Start Point	805476	827081
9	End Point	812516	824254		21	End Point	805476	830562
10	Start Point	813525	820872		22	Start Point	806464	824033
10	End Point	813525	824657		22	End Point	806464	829598
11	Start Point	814556	818853*		23	Start Point	814559	821739
11	End Point	814556	820992		23	End Point	814559	824768
12	Start Point	815542	818807					
12	End Point	815542	824882					

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

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 present quarterly period.

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 September to November 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 902.25 km of survey effort was collected, with 95.0% 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, 346.64 km and 555.61 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 656.41 km, while the effort on secondary lines was 245.84 km. Survey effort conducted on both 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 September-November 2015, a total of 18 groups of 95 Chinese White Dolphins were sighted. A summary table of the dolphin sightings is shown in Annex II.

3.1.5. For the present quarterly period, all dolphin sightings were made during on-effort search, and all except one dolphin sighting were made on primary lines. Moreover, all dolphin groups were sighted in NWL, while none was sighted at all in NEL. In fact, since July 2014, only one sighting of a lone dolphin was made in NEL during HKLR03 monitoring surveys.

3.2. Distribution

3.2.1. Distribution of dolphin sightings made during monitoring surveys in September to November 2015 is shown in Figure 1. Dolphin sightings made in the present quarter were mostly clustered around Lung Kwu Chau (Figure 1). A few other sightings were also made near Sha Chau and to the west of the airport platform (Figure 1).

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 the present quarterly period (Figure 1). On the other hand, two sightings with five dolphins were made in the vicinity of the HKLR09 alignment (Figure 1).

3.2.3. Sighting distribution of the present impact phase monitoring period (September to November 2015) was compared to the one during the baseline monitoring period (September to November 2011). In the present quarter, dolphins have disappeared from 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 eleven quarters of HKLR03 monitoring, which has resulted in zero to extremely low dolphin encounter rates in this area.

3.2.4. In NWL survey area, dolphin occurrence was also drastically different between the baseline and impact phase periods. During the present impact monitoring

period, fewer dolphins occurred in 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 autumn months in 2013, 2014 and 2015 (Figure 2). Among the three autumn periods, no dolphin was sighted at all in NEL in both 2014 and 2015, while two sightings were made there in 2013 (Figure 2).

3.2.6. On the other hand, dramatic changes in dolphin distribution in NWL waters were also observed in the autumn months during the three-year period (Figure 2). In 2013, dolphins regularly occurred throughout the NWL survey area, with higher concentrations of sightings around Sha Chau, Lung Kwu Chau, near Black Point and Pillar Point. In 2014, dolphins still frequently occurred around Sha Chau and Lung Kwu Chau, but less frequently in the middle portion of the North Lantau region. In 2015, they infrequently occurred in NWL survey area with the only concentration of sightings around Lung Kwu Chau, while they generally absent for the rest of this area. Similar temporal changes in dolphin distribution were also observed in the spring and summer periods of 2013-15. The temporal trend indicated that dolphin usage in the NWL region has progressively diminished in recent 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).

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 3.31 sightings and 17.52 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.

Table 2. Dolphin encounter rates (sightings per 100 km of survey effort) during September-November 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 (2 & 11 Sep 2015)	0.00	0.00
	Set 2 (17 & 29 Sep 2015)	0.00	0.00
	Set 3 (6 & 13 Oct 2015)	0.00	0.00
	Set 4 (19 & 26 Oct 2015)	0.00	0.00
	Set 5 (2 & 6 Nov 2015)	0.00	0.00
	Set 6 (10 & 16 Nov 2015)	0.00	0.00
Northwest Lantau	Set 1 (2 & 11 Sep 2015)	5.47	51.95
	Set 2 (17 & 29 Sep 2015)	4.01	21.38
	Set 3 (6 & 13 Oct 2015)	5.86	24.91
	Set 4 (19 & 26 Oct 2015)	2.73	10.94
	Set 5 (2 & 6 Nov 2015)	3.84	15.38
	Set 6 (10 & 16 Nov 2015)	1.73	1.73

Table 3. Comparison of average dolphin encounter rates from impact monitoring period (September – November 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)	
	September - November 2015	September - November 2011	September - November 2015	September - November 2011
Northeast Lantau	0.0	6.00 ± 5.05	0.0	22.19 ± 26.81
Northwest Lantau	3.94 ± 1.57	9.85 ± 5.85	21.05 ± 17.19	44.66 ± 29.85

3.3.3. In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact monitoring period were zero with no sighting made, and such low occurrence of dolphins in NEL have been consistently recorded in the past eleven quarters of HKLR03 monitoring (Table 4). This is a serious concern as the dolphin occurrence in NEL in the last eleven 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 two groups of five dolphins

sighted there since then despite consistent and intensive survey effort being conducted in this survey area.

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 autumn 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
June-August 2015 (Impact)	0.44 ± 1.08	0.44 ± 1.08
September-November 2015 (Impact)	0.00	0.00

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 60.0% and 52.9% respectively) than the ones recorded in the 3-month baseline period, indicating a dramatic decline in dolphin usage of this survey area as well during the present impact phase period (Table 5).

3.3.5. Even for the same autumn quarters, the dolphin encounter rates in NWL during autumn 2015 were much lower than the ones recorded in autumn 2013 and 2014 (Table 5).

3.3.6. It should be noted that the encounter rates in NWL in the present quarter have slightly rebounded from the exceptionally low level in the previous three quarters (Table 5). Such potential rebound in dolphin occurrence could be an encouraging sign, and should be continuously monitored in the upcoming monitoring quarters.

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 autumn 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
June-August 2015 (Impact)	2.53 ± 3.20	9.21 ± 11.57
September-November 2015 (Impact)	3.94 ± 1.57	21.05 ± 17.19

3.3.7. As discussed recently in Hung (2015), the dramatic decline in dolphin usage of NEL waters in the past few years (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 since 2012. It appeared that such noticeable decline has already extended to NWL waters progressively in 2013-2015.

3.3.8. 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).

3.3.9. For the comparison between the baseline period and the present quarter (twelfth quarter of the impact phase being assessed), the p-values for the differences in

average dolphin encounter rates of STG and ANI were 0.0079 and 0.071 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in the dolphin encounter rate of STG, but not in the dolphin encounter rate of ANI.

3.3.10. For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first twelve quarters of the impact phase being assessed), the p-values for the differences in average dolphin encounter rates of STG and ANI were 0.00009 and 0.00003 respectively. Even if the alpha value is set at 0.0001, significant differences were still detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.3.11. As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in both NEL and NWL survey areas during the present quarterly period, and such low occurrence of dolphins has also been consistently documented in previous quarters. This raises serious concern, as the timing of the decline in dolphin usage in North Lantau waters coincided well with the construction schedule of the HZMB-related projects (Hung 2015).

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

3.4. Group size

3.4.1. Group size of Chinese White Dolphins ranged from one to twelve individuals per group in North Lantau region during September to November 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 (September – November 2015) and baseline monitoring period (September – November 2011) (Note: ± denotes the standard deviation of the average group size)

	Average Dolphin Group Size	
	September – November 2015	**September – November 2011**
Overall	5.28 ± 3.54 (n = 18)	3.72 ± 3.13 (n = 66)
Northeast Lantau	N/A	3.18 ± 2.16 (n = 17)
Northwest Lantau	5.28 ± 3.54 (n = 18)	3.92 ± 3.40 (n = 49)

3.4.2. The average dolphin group size in NWL waters during September to November 2015 was higher than the ones recorded during the three-month baseline period (Table 6). Seven of the 18 groups were composed of 1-3 individuals only, while five other groups were moderate in size with 4-6 individuals per group. Moreover, six large dolphin groups were sighted during the present quarterly period, including three groups with 7-9 individuals each, and another three groups with 10-12 individuals each.

3.4.3. Distribution of dolphins with larger group sizes (five individuals or more per group and ten individuals per group) during the present quarter is shown in Figure 3, with comparison to the one in baseline period. During the autumn months of 2015, distribution of these large groups of dolphins were all located around Lung Kwu Chau and Sha Chau, with the three exceptionally large groups of dolphins (i.e. with 10 or more individuals) sighted adjacent to Lung Kwu Chau (Figure 3). This distribution pattern was very 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).

3.5. Habitat use

3.5.1. From September to November 2015, the only area being heavily utilized by Chinese White Dolphins was around and to the north of Lung Kwu Chau, as well as both eastern and western sides of Sha Chau in North Lantau region (Figures 4a and 4b). All grids near HKLR03/HKBCF reclamation sites as well as TMCLKL alignment did not record any presence of dolphins during on-effort search in the present quarterly period, but one grid (F19) in the vicinity of HKLR09 alignment recorded moderately high dolphin densities (Figure 4b).

3.5.2. It should be emphasized though 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 should be examined 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 in both areas during the present impact monitoring period (Figure 5). During the baseline period, many grids between Siu Mo To and Shum Shui Kok recorded moderately high to high dolphin densities, which was in stark contrast to the complete absence of dolphins there during the present impact phase period

(Figure 5).

3.5.4. The density patterns were also very different in NWL between the baseline and impact phase monitoring periods, 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. In contrast, only the waters around Lung Kwu Chau and Sha Chau recorded high densities of dolphins during the present impact phase period (Figure 5).

3.6. Mother-calf pairs

3.6.1. During the present quarterly period, two young calves (i.e. unspotted calf or unspotted juvenile) were spotted with their mothers near Lung Kwu Chau

3.6.2. The rare occurrence of young calves in the present quarter was in stark contrast to their regular occurrence in North Lantau waters during the baseline period. This should be of a serious concern, and the occurrence of young calves in North Lantau waters should be closely monitored in the upcoming quarters.

3.7. Activities and associations with fishing boats

3.7.1. Four of the 18 dolphin groups were engaged in feeding activities, while two other dolphin groups were engaged in socializing activities. None of the dolphin groups were engaged in traveling or milling/resting activity during the three-month study period.

3.7.2. The percentages of sightings associated with feeding activities (22.2%) and socializing activities (11.1%) during the present impact phase period were both higher than the ones recorded during the baseline period (11.6% and 5.4% respectively). However, it should be noted the sample sizes on total numbers of dolphin sightings were very different between the two periods.

3.7.3. Distribution of dolphins engaged in various activities during the present three-month period and baseline period is shown in Figure 6. The four dolphin groups engaged in feeding activities were sighted near Lung Kwu Chau and Sha Chau as well as to the north of Lung Kwu Chau (Figure 6). The two groups engaged in socializing activities were both located to the west of Lung Kwu Chau.

3.7.4. When compared to the baseline period, distribution of various dolphin activities during the present impact phase monitoring period was drastically different with a much more restricted area of occurrences.

3.7.5. As consistently recorded in the past monitoring quarters, none of the 18 dolphin

groups was found to be associated with operating fishing vessels in North Lantau waters during the present impact phase period.

3.8. Summary of photo-identification works

3.8.1. From September to November 2015, over 2,500 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.8.2. In total, 34 individuals sighted 65 times altogether were identified (see summary table in Annex III and photographs of identified individuals in Annex IV). All of these re-sightings were made in NWL.

3.8.3. The majority of identified individuals were sighted only once or twice during the three-month period, with the exception of two individuals (NL46 and NL210) being 3-4 times and another three individuals (NL48, NL202 and NL286) being sighted 5-6 times.

3.8.4. Notably, eight of these 34 individuals (NL33, NL123, NL284, NL285, WL05, WL79, WL241 and WL243) were also sighted in West Lantau waters during the HKLR09 monitoring surveys from September to November 2015, implying that they have moved across the HKLR09 bridge alignment during the same three-month period.

3.9. Individual range use

3.9.1. Ranging patterns of the 34 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 the present quarter were utilizing NWL waters only, but have completely avoided 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 the baseline period.

3.9.3. Notably, several individuals (NL33, NL123, NL284, NL285 and WL05) consistently utilized both NWL and NEL waters in the past have extended their range use to WL waters (and even SWL waters in the case of NL33) during the present quarter. In the upcoming quarters, individual range use and movements should be continuously monitored to examine whether there has been any consistent shifts of individual home ranges from North Lantau to West or Southwest Lantau, as such shift could possibly be related to the HZMB-related construction works (see Hung 2015).

4. Conclusion

4.1. During the present 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 since 2012, 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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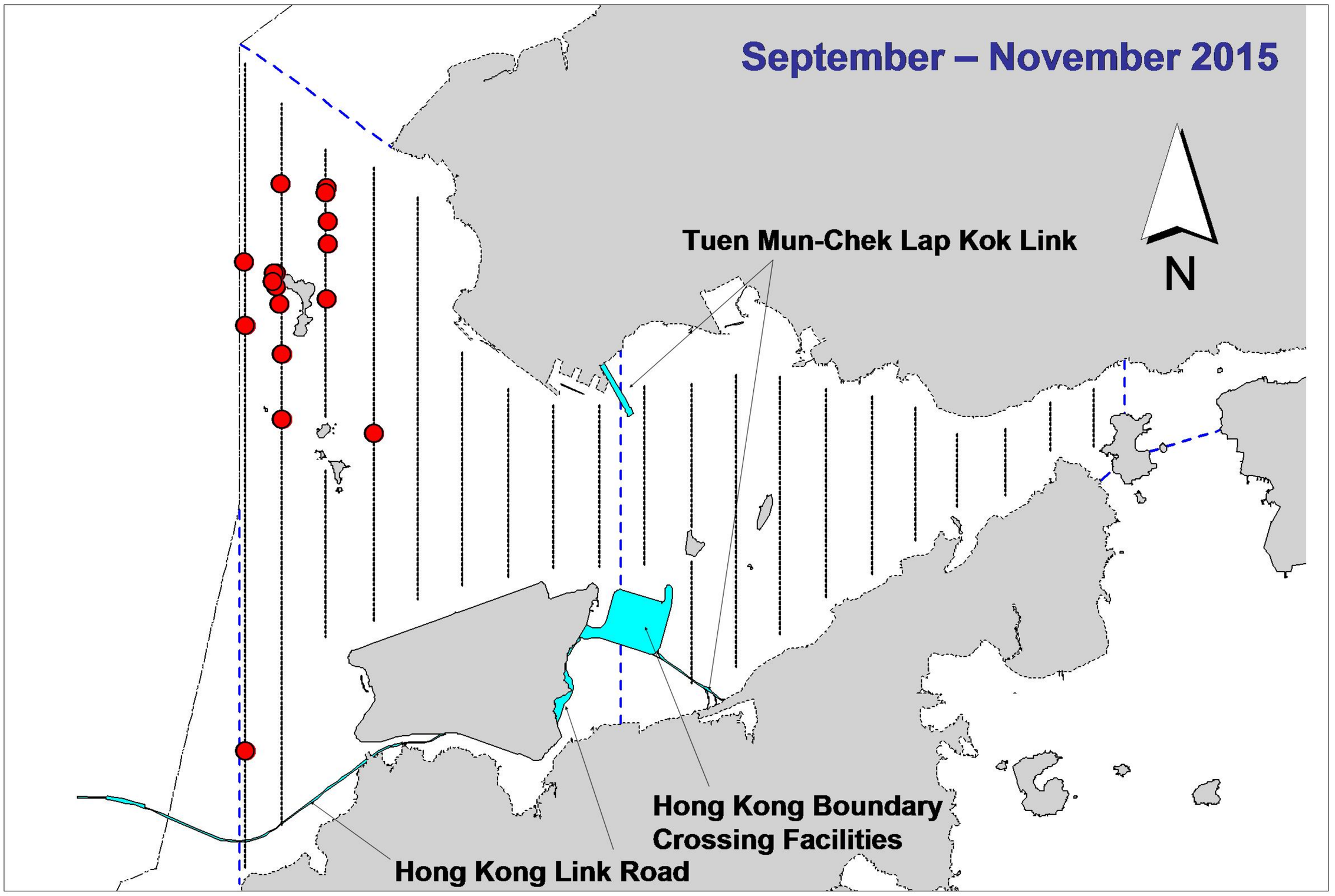


Figure 1. Distribution of Chinese white dolphin sighting in Northwest and Northeast Lantau during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

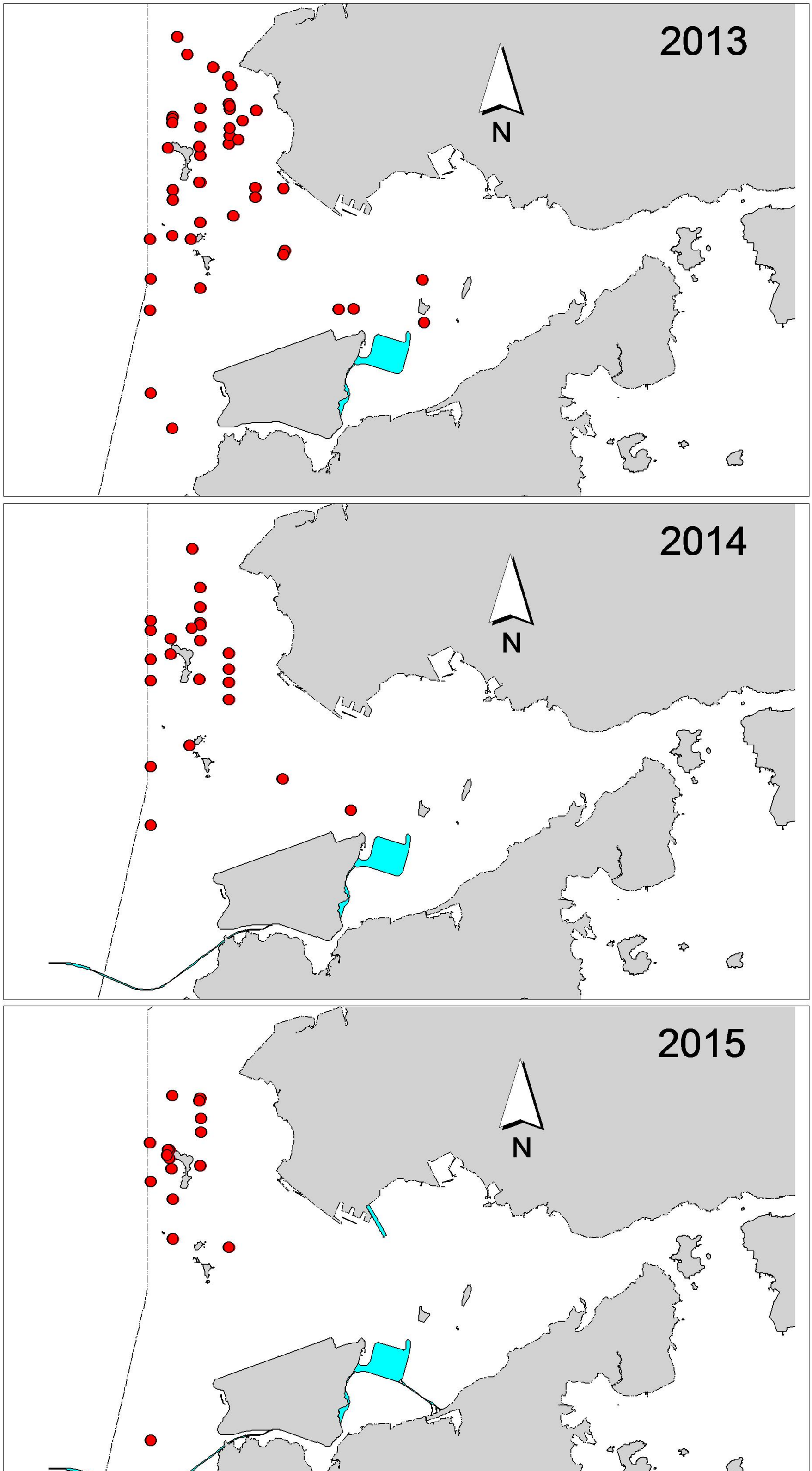


Figure 2. Distribution of Chinese white dolphin sightings in Northwest and Northeast Lantau during the same autumn quarters (June-August) of HKLR03 impact phase in 2013-15

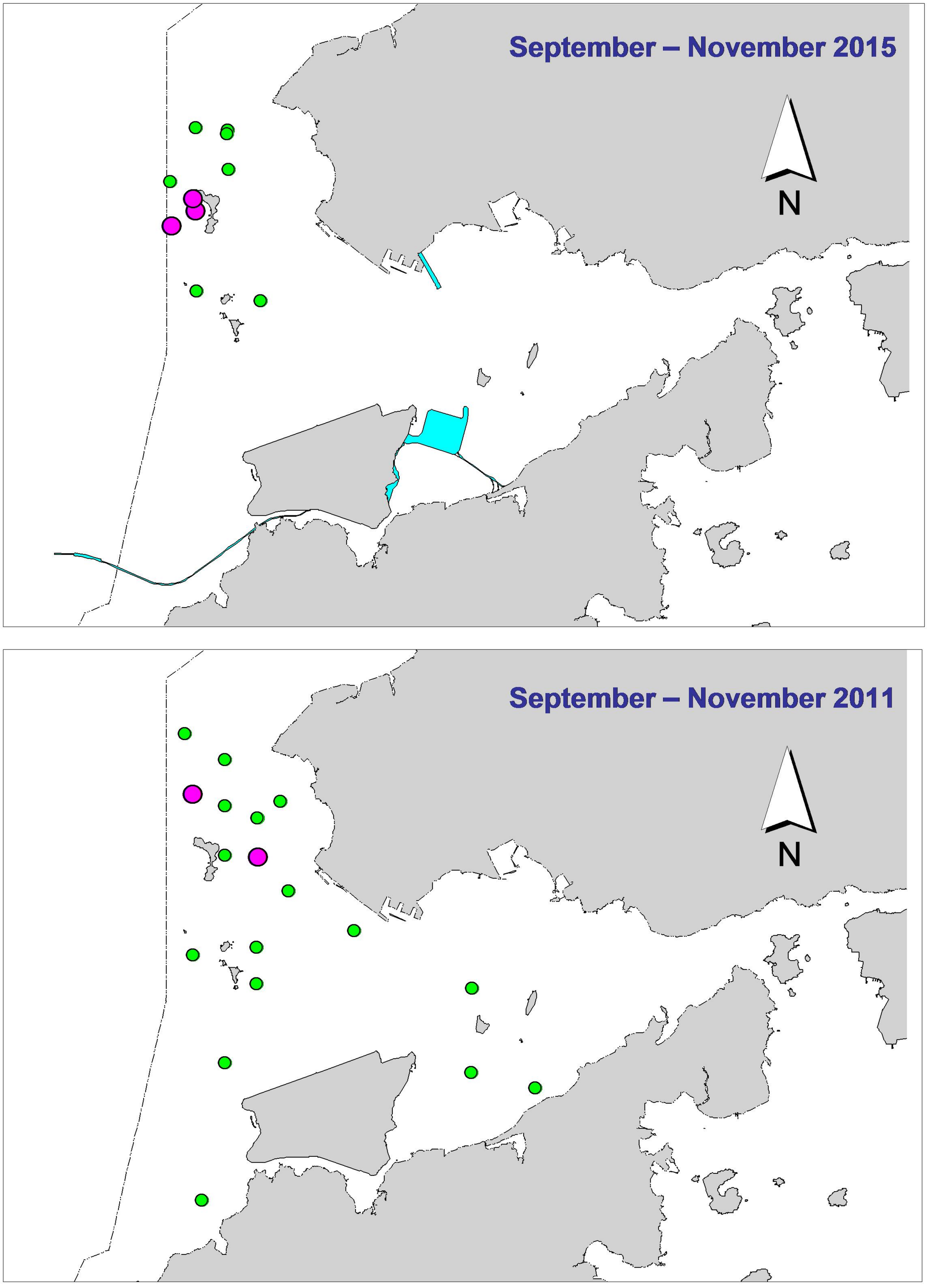


Figure 3. Distribution of Chinese white dolphins with larger group sizes during HKLR03 impact phase (top) and baseline monitoring surveys (bottom) (green dots: group sizes of 5 or more; purple dots: group sizes of 10 or more)

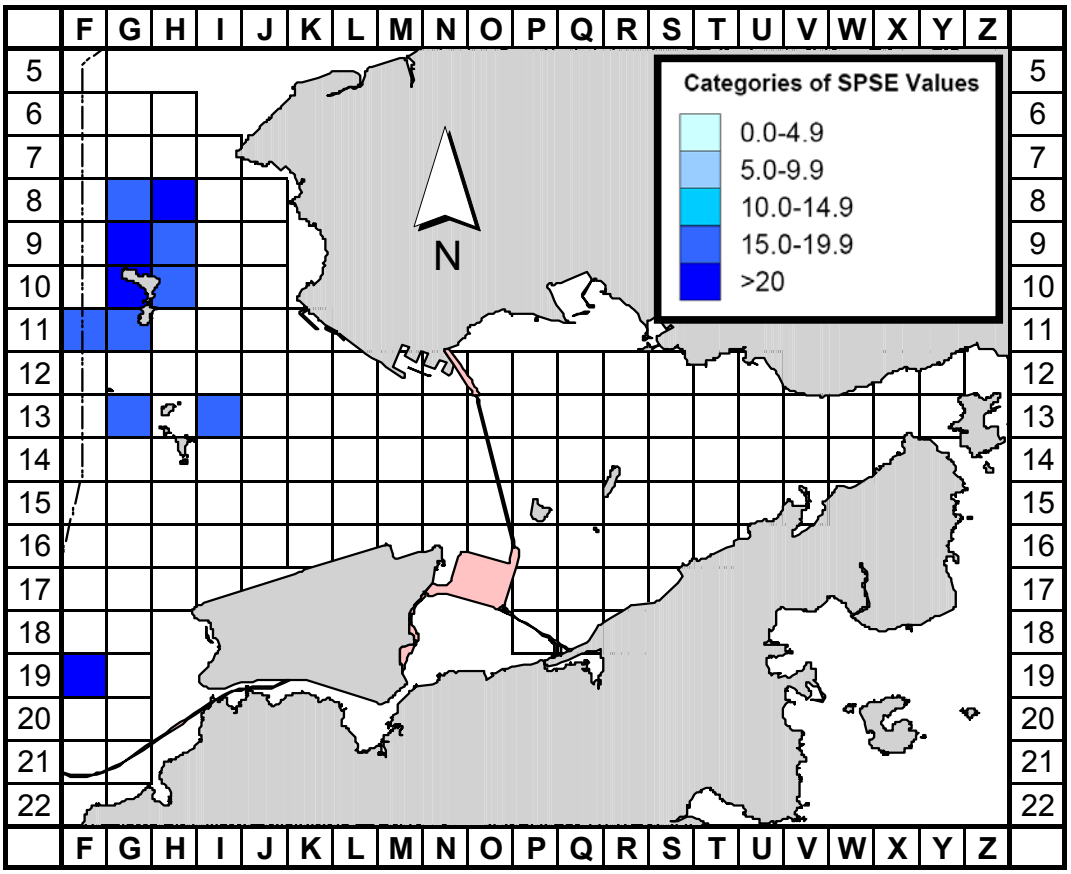


Figure 4a. Sighting density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period monitoring period (Sep-Nov 15) (SPSE = no. of on-effort sightings per 100 units of survey effort)

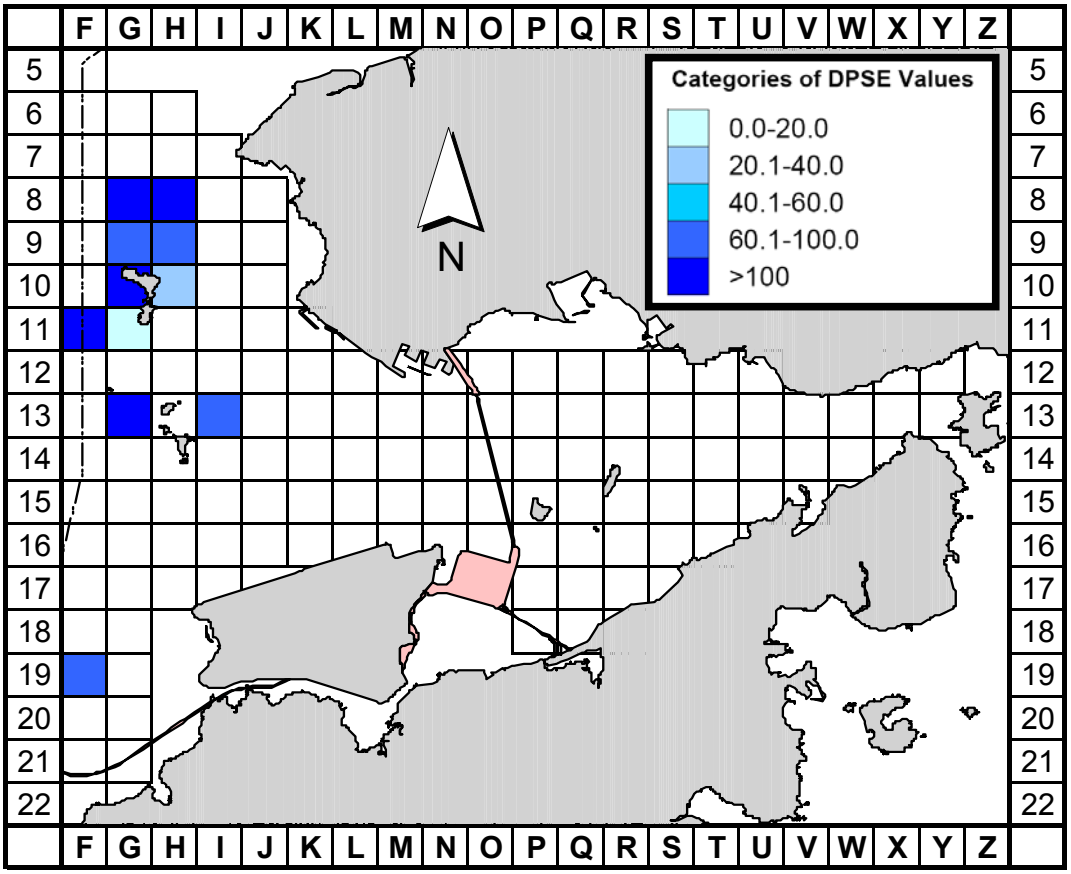


Figure 4b. Density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period (Sep-Nov 15) (DPSE = no. of dolphins per 100 units of survey effort)

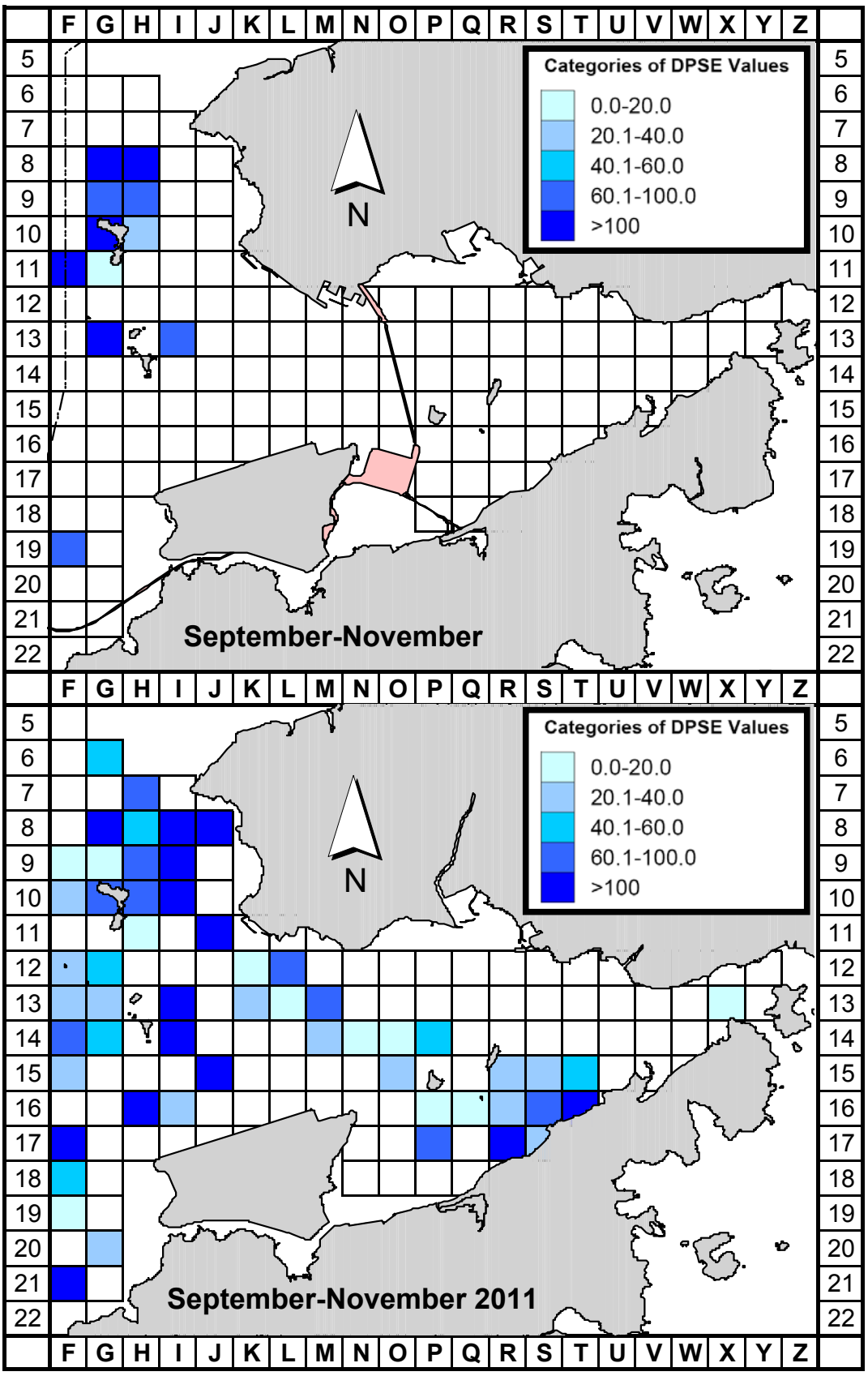


Figure 5. Comparison of density of Chinese white dolphins with corrected survey effort per km^2 in Northwest and Northeast Lantau survey area between the impact monitoring period September-November 2015) and baseline monitoring period (September-November 2011)
(DPSE = no. of dolphins per 100 units of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

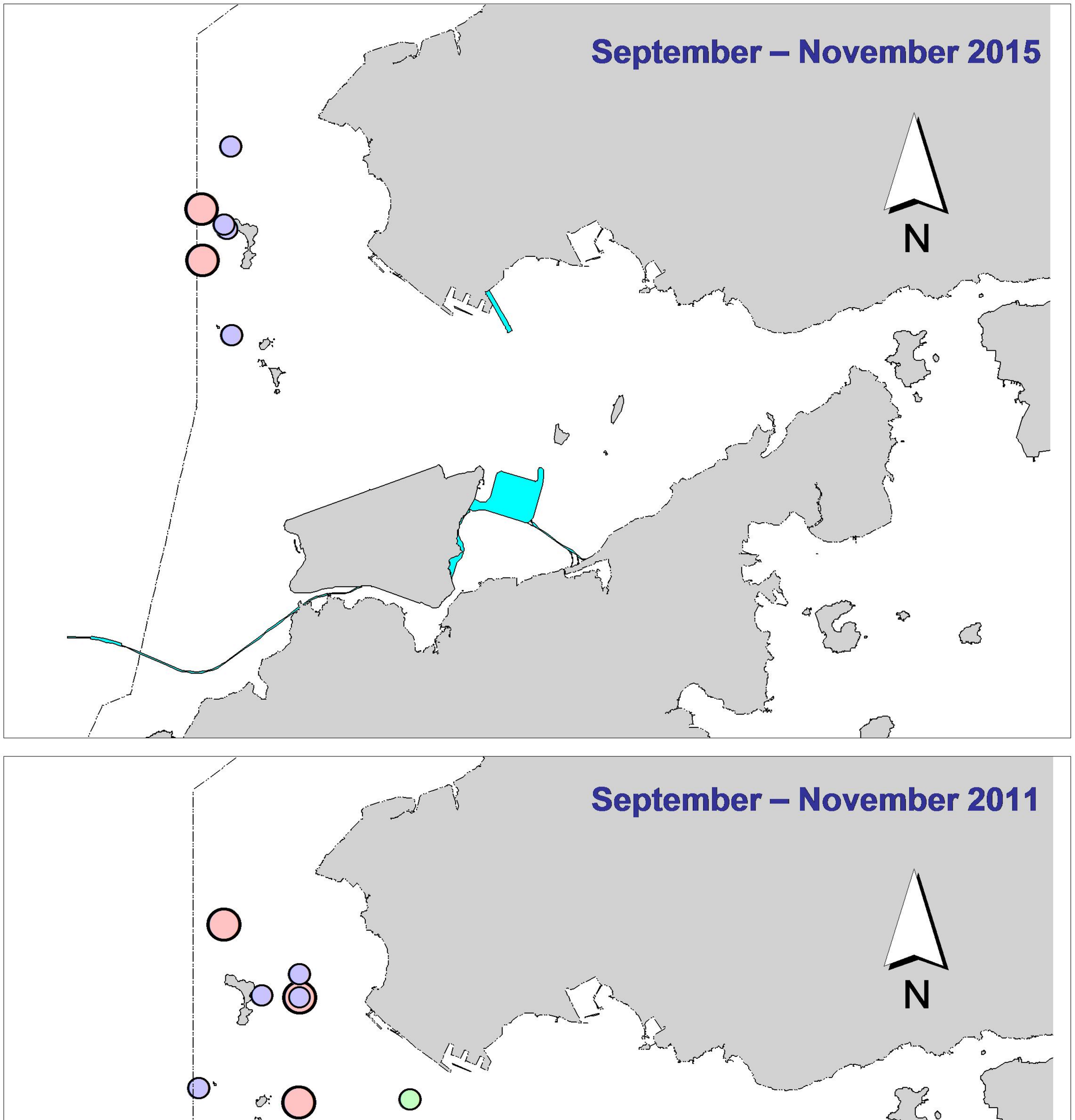


Figure 6. Distribution of Chinese white dolphins engaged in feeding (purple dots), socializing (pink dots) and traveling (green dots) activities during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

Annex I. HKLR03 Survey Effort Database (September-November 2015)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
2-Sep-15	NW LANTAU	2	1.92	AUTUMN	STANDARD31516	HKLR	P
2-Sep-15	NW LANTAU	3	30.24	AUTUMN	STANDARD31516	HKLR	P
2-Sep-15	NW LANTAU	3	6.89	AUTUMN	STANDARD31516	HKLR	S
2-Sep-15	NE LANTAU	2	11.59	AUTUMN	STANDARD31516	HKLR	P
2-Sep-15	NE LANTAU	3	7.98	AUTUMN	STANDARD31516	HKLR	P
2-Sep-15	NE LANTAU	2	8.83	AUTUMN	STANDARD31516	HKLR	S
2-Sep-15	NE LANTAU	3	2.00	AUTUMN	STANDARD31516	HKLR	S
11-Sep-15	NW LANTAU	2	30.26	AUTUMN	STANDARD31516	HKLR	P
11-Sep-15	NW LANTAU	3	10.73	AUTUMN	STANDARD31516	HKLR	P
11-Sep-15	NW LANTAU	2	4.41	AUTUMN	STANDARD31516	HKLR	S
11-Sep-15	NW LANTAU	3	8.40	AUTUMN	STANDARD31516	HKLR	S
11-Sep-15	NE LANTAU	2	7.75	AUTUMN	STANDARD31516	HKLR	P
11-Sep-15	NE LANTAU	3	8.95	AUTUMN	STANDARD31516	HKLR	P
11-Sep-15	NE LANTAU	2	7.97	AUTUMN	STANDARD31516	HKLR	S
11-Sep-15	NE LANTAU	3	2.11	AUTUMN	STANDARD31516	HKLR	S
17-Sep-15	NE LANTAU	2	9.43	AUTUMN	STANDARD31516	HKLR	P
17-Sep-15	NE LANTAU	3	10.80	AUTUMN	STANDARD31516	HKLR	P
17-Sep-15	NE LANTAU	2	5.51	AUTUMN	STANDARD31516	HKLR	S
17-Sep-15	NE LANTAU	3	5.22	AUTUMN	STANDARD31516	HKLR	S
17-Sep-15	NW LANTAU	2	4.70	AUTUMN	STANDARD31516	HKLR	P
17-Sep-15	NW LANTAU	3	28.06	AUTUMN	STANDARD31516	HKLR	P
17-Sep-15	NW LANTAU	3	7.34	AUTUMN	STANDARD31516	HKLR	S
29-Sep-15	NE LANTAU	2	3.00	AUTUMN	STANDARD31516	HKLR	P
29-Sep-15	NE LANTAU	3	12.12	AUTUMN	STANDARD31516	HKLR	P
29-Sep-15	NE LANTAU	4	1.90	AUTUMN	STANDARD31516	HKLR	P
29-Sep-15	NE LANTAU	2	3.06	AUTUMN	STANDARD31516	HKLR	S
29-Sep-15	NE LANTAU	3	6.02	AUTUMN	STANDARD31516	HKLR	S
29-Sep-15	NE LANTAU	4	1.10	AUTUMN	STANDARD31516	HKLR	S
29-Sep-15	NW LANTAU	2	25.66	AUTUMN	STANDARD31516	HKLR	P
29-Sep-15	NW LANTAU	3	16.42	AUTUMN	STANDARD31516	HKLR	P
29-Sep-15	NW LANTAU	2	1.60	AUTUMN	STANDARD31516	HKLR	S
29-Sep-15	NW LANTAU	3	11.49	AUTUMN	STANDARD31516	HKLR	S
6-Oct-15	NW LANTAU	2	10.62	AUTUMN	STANDARD31516	HKLR	P
6-Oct-15	NW LANTAU	3	18.78	AUTUMN	STANDARD31516	HKLR	P
6-Oct-15	NW LANTAU	2	0.59	AUTUMN	STANDARD31516	HKLR	S
6-Oct-15	NW LANTAU	3	7.02	AUTUMN	STANDARD31516	HKLR	S
6-Oct-15	NE LANTAU	2	20.01	AUTUMN	STANDARD31516	HKLR	P
6-Oct-15	NE LANTAU	3	10.79	AUTUMN	STANDARD31516	HKLR	S
13-Oct-15	NW LANTAU	2	23.12	AUTUMN	STANDARD31516	HKLR	P
13-Oct-15	NW LANTAU	3	15.72	AUTUMN	STANDARD31516	HKLR	P
13-Oct-15	NW LANTAU	2	8.61	AUTUMN	STANDARD31516	HKLR	S
13-Oct-15	NW LANTAU	3	4.20	AUTUMN	STANDARD31516	HKLR	S
13-Oct-15	NE LANTAU	2	7.15	AUTUMN	STANDARD31516	HKLR	P
13-Oct-15	NE LANTAU	3	9.80	AUTUMN	STANDARD31516	HKLR	P
13-Oct-15	NE LANTAU	2	4.56	AUTUMN	STANDARD31516	HKLR	S
13-Oct-15	NE LANTAU	3	5.59	AUTUMN	STANDARD31516	HKLR	S
19-Oct-15	NE LANTAU	2	14.52	AUTUMN	STANDARD31516	HKLR	P
19-Oct-15	NE LANTAU	3	2.90	AUTUMN	STANDARD31516	HKLR	P
19-Oct-15	NE LANTAU	1	2.10	AUTUMN	STANDARD31516	HKLR	S
19-Oct-15	NE LANTAU	2	7.68	AUTUMN	STANDARD31516	HKLR	S

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
19-Oct-15	NW LANTAU	2	14.07	AUTUMN	STANDARD31516	HKLR	P
19-Oct-15	NW LANTAU	3	27.17	AUTUMN	STANDARD31516	HKLR	P
19-Oct-15	NW LANTAU	2	6.61	AUTUMN	STANDARD31516	HKLR	S
19-Oct-15	NW LANTAU	3	6.25	AUTUMN	STANDARD31516	HKLR	S
26-Oct-15	NE LANTAU	2	10.41	AUTUMN	STANDARD31516	HKLR	P
26-Oct-15	NE LANTAU	3	10.00	AUTUMN	STANDARD31516	HKLR	P
26-Oct-15	NE LANTAU	2	8.99	AUTUMN	STANDARD31516	HKLR	S
26-Oct-15	NE LANTAU	3	1.60	AUTUMN	STANDARD31516	HKLR	S
26-Oct-15	NW LANTAU	2	1.22	AUTUMN	STANDARD31516	HKLR	P
26-Oct-15	NW LANTAU	3	30.67	AUTUMN	STANDARD31516	HKLR	P
26-Oct-15	NW LANTAU	2	0.10	AUTUMN	STANDARD31516	HKLR	S
26-Oct-15	NW LANTAU	3	7.51	AUTUMN	STANDARD31516	HKLR	S
2-Nov-15	NW LANTAU	2	6.50	AUTUMN	STANDARD31516	HKLR	P
2-Nov-15	NW LANTAU	3	27.18	AUTUMN	STANDARD31516	HKLR	P
2-Nov-15	NW LANTAU	4	7.13	AUTUMN	STANDARD31516	HKLR	P
2-Nov-15	NW LANTAU	2	2.30	AUTUMN	STANDARD31516	HKLR	S
2-Nov-15	NW LANTAU	3	7.55	AUTUMN	STANDARD31516	HKLR	S
2-Nov-15	NW LANTAU	4	2.74	AUTUMN	STANDARD31516	HKLR	S
2-Nov-15	NE LANTAU	2	14.92	AUTUMN	STANDARD31516	HKLR	P
2-Nov-15	NE LANTAU	3	1.70	AUTUMN	STANDARD31516	HKLR	P
2-Nov-15	NE LANTAU	2	7.98	AUTUMN	STANDARD31516	HKLR	S
2-Nov-15	NE LANTAU	3	2.40	AUTUMN	STANDARD31516	HKLR	S
6-Nov-15	NW LANTAU	3	18.35	AUTUMN	STANDARD31516	HKLR	P
6-Nov-15	NW LANTAU	4	13.86	AUTUMN	STANDARD31516	HKLR	P
6-Nov-15	NW LANTAU	3	6.79	AUTUMN	STANDARD31516	HKLR	S
6-Nov-15	NE LANTAU	2	5.90	AUTUMN	STANDARD31516	HKLR	P
6-Nov-15	NE LANTAU	3	14.15	AUTUMN	STANDARD31516	HKLR	P
6-Nov-15	NE LANTAU	2	6.70	AUTUMN	STANDARD31516	HKLR	S
6-Nov-15	NE LANTAU	3	3.95	AUTUMN	STANDARD31516	HKLR	S
10-Nov-15	NW LANTAU	2	2.44	AUTUMN	STANDARD31516	HKLR	P
10-Nov-15	NW LANTAU	3	27.80	AUTUMN	STANDARD31516	HKLR	P
10-Nov-15	NW LANTAU	4	0.98	AUTUMN	STANDARD31516	HKLR	P
10-Nov-15	NW LANTAU	2	0.28	AUTUMN	STANDARD31516	HKLR	S
10-Nov-15	NW LANTAU	3	6.23	AUTUMN	STANDARD31516	HKLR	S
10-Nov-15	NW LANTAU	4	1.30	AUTUMN	STANDARD31516	HKLR	S
10-Nov-15	NE LANTAU	2	9.09	AUTUMN	STANDARD31516	HKLR	P
10-Nov-15	NE LANTAU	3	10.38	AUTUMN	STANDARD31516	HKLR	P
10-Nov-15	NE LANTAU	2	8.03	AUTUMN	STANDARD31516	HKLR	S
10-Nov-15	NE LANTAU	3	2.70	AUTUMN	STANDARD31516	HKLR	S
16-Nov-15	NE LANTAU	2	5.26	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NE LANTAU	3	12.22	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NE LANTAU	2	7.72	AUTUMN	STANDARD31516	HKLR	S
16-Nov-15	NE LANTAU	3	2.10	AUTUMN	STANDARD31516	HKLR	S
16-Nov-15	NW LANTAU	2	6.48	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NW LANTAU	3	21.03	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NW LANTAU	4	9.27	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NW LANTAU	5	4.10	AUTUMN	STANDARD31516	HKLR	P
16-Nov-15	NW LANTAU	2	2.53	AUTUMN	STANDARD31516	HKLR	S
16-Nov-15	NW LANTAU	3	7.79	AUTUMN	STANDARD31516	HKLR	S
16-Nov-15	NW LANTAU	4	2.60	AUTUMN	STANDARD31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (September-November 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
02-Sep-15	1	1045	8	NW LANTAU	3	629	ON	HKLR	823950	805482	AUTUMN	NONE	P
02-Sep-15	2	1122	12	NW LANTAU	2	240	ON	HKLR	826365	805436	AUTUMN	NONE	P
02-Sep-15	3	1143	12	NW LANTAU	2	75	ON	HKLR	826741	805344	AUTUMN	NONE	P
11-Sep-15	1	1155	6	NW LANTAU	2	349	ON	HKLR	828788	806460	AUTUMN	NONE	P
17-Sep-15	1	1411	7	NW LANTAU	3	134	ON	HKLR	828867	805462	AUTUMN	PURSE-SEINE	P
29-Sep-15	1	1445	5	NW LANTAU	2	430	ON	HKLR	827625	806489	AUTUMN	NONE	P
29-Sep-15	2	1512	4	NW LANTAU	2	281	ON	HKLR	828090	806500	AUTUMN	NONE	P
06-Oct-15	1	1113	2	NW LANTAU	2	72	ON	HKLR	827029	805334	AUTUMN	NONE	P
13-Oct-15	1	1025	2	NW LANTAU	3	195	ON	HKLR	817031	804665	AUTUMN	NONE	P
13-Oct-15	2	1036	3	NW LANTAU	3	102	ON	HKLR	817020	804675	AUTUMN	NONE	P
13-Oct-15	3	1123	10	NW LANTAU	2	745	ON	HKLR	825923	804673	AUTUMN	NONE	P
19-Oct-15	1	1407	2	NW LANTAU	3	14	ON	HKLR	826473	806476	AUTUMN	NONE	P
26-Oct-15	1	1326	6	NW LANTAU	3	73	ON	HKLR	823681	807511	AUTUMN	NONE	P
26-Oct-15	2	1444	2	NW LANTAU	2	107	ON	HKLR	827007	805303	AUTUMN	NONE	S
02-Nov-15	1	1143	7	NW LANTAU	2	181	ON	HKLR	828699	806450	AUTUMN	NONE	P
06-Nov-15	1	1106	1	NW LANTAU	3	77	ON	HKLR	826830	805262	AUTUMN	NONE	P
10-Nov-15	1	1042	1	NW LANTAU	3	465	ON	HKLR	825312	805475	AUTUMN	NONE	P
16-Nov-15	1	1455	5	NW LANTAU	5	662	ON	HKLR	827241	804645	AUTUMN	NONE	P

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in September-November 2015

ID#	DATE	STG#	AREA
CH34	29/09/15	1	NW LANTAU
	19/10/15	1	NW LANTAU
CH84	02/09/15	3	NW LANTAU
NL33	13/10/15	1	NW LANTAU
	26/10/15	1	NW LANTAU
NL46	02/09/15	2	NW LANTAU
	17/09/15	1	NW LANTAU
	10/11/15	1	NW LANTAU
NL48	02/09/15	1	NW LANTAU
	11/09/15	1	NW LANTAU
	17/09/15	1	NW LANTAU
	02/11/15	1	NW LANTAU
	16/11/15	1	NW LANTAU
NL80	02/09/15	2	NW LANTAU
NL98	02/11/15	1	NW LANTAU
NL104	13/10/15	3	NW LANTAU
NL123	17/09/15	1	NW LANTAU
	02/11/15	1	NW LANTAU
NL136	29/09/15	1	NW LANTAU
	02/11/15	1	NW LANTAU
NL150	02/09/15	2	NW LANTAU
NL165	02/09/15	1	NW LANTAU
NL182	17/09/15	1	NW LANTAU
	02/11/15	1	NW LANTAU
NL202	02/09/15	2	NW LANTAU
	17/09/15	1	NW LANTAU
	29/09/15	2	NW LANTAU
	13/10/15	3	NW LANTAU
	26/10/15	2	NW LANTAU
	16/11/15	1	NW LANTAU
NL203	02/09/15	3	NW LANTAU
NL210	02/09/15	2	NW LANTAU
	13/10/15	3	NW LANTAU
	02/11/15	1	NW LANTAU
	16/11/15	1	NW LANTAU
NL214	13/10/15	3	NW LANTAU
NL220	19/10/15	1	NW LANTAU
	26/10/15	1	NW LANTAU
NL233	02/09/15	2	NW LANTAU

ID#	DATE	STG#	AREA
NL261	02/09/15	1	NW LANTAU
	26/10/15	1	NW LANTAU
NL272	26/10/15	1	NW LANTAU
NL284	13/10/15	3	NW LANTAU
	26/10/15	1	NW LANTAU
NL285	02/09/15	1	NW LANTAU
	11/09/15	1	NW LANTAU
NL286	02/09/15	2	NW LANTAU
	17/09/15	1	NW LANTAU
	06/10/15	1	NW LANTAU
	13/10/15	3	NW LANTAU
	26/10/15	2	NW LANTAU
	16/11/15	1	NW LANTAU
NL297	02/09/15	3	NW LANTAU
NL302	02/09/15	3	NW LANTAU
	11/09/15	1	NW LANTAU
NL308	02/09/15	2	NW LANTAU
NL319	29/09/15	2	NW LANTAU
SL47	13/10/15	2	NW LANTAU
WL05	02/09/15	1	NW LANTAU
	29/09/15	2	NW LANTAU
WL17	02/09/15	2	NW LANTAU
	17/09/15	1	NW LANTAU
WL79	13/10/15	3	NW LANTAU
WL241	13/10/15	2	NW LANTAU
WL243	13/10/15	2	NW LANTAU

Annex IV. Thirty-four individual dolphins that were identified during September-November 2015 under HKLR03 impact phase monitoring surveys



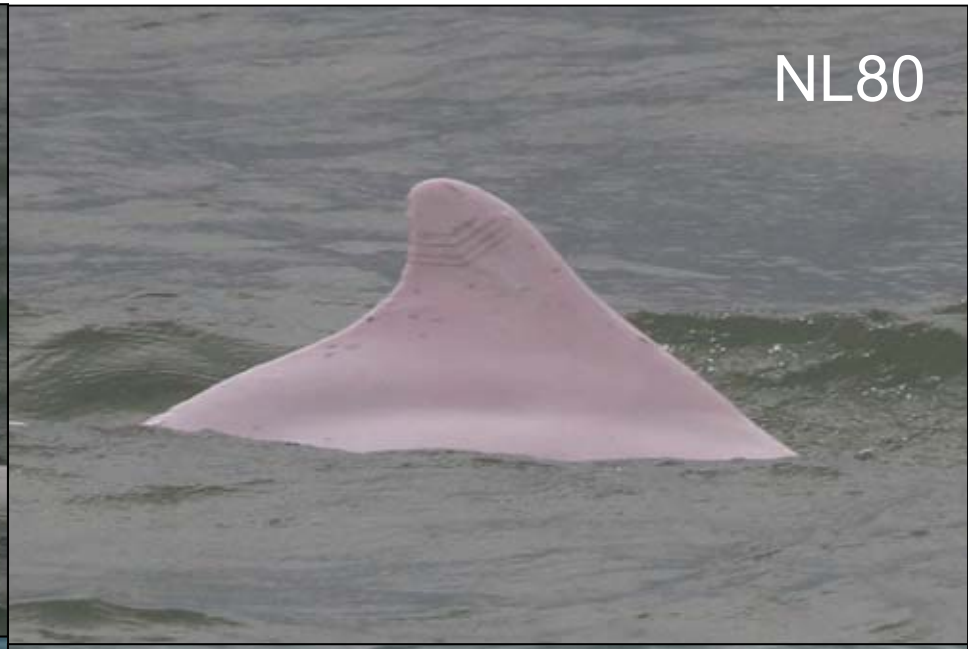






Annex IV. (cont'd)









Annex IV. (cont'd)









Annex IV. (cont'd)









Annex IV. (cont'd)

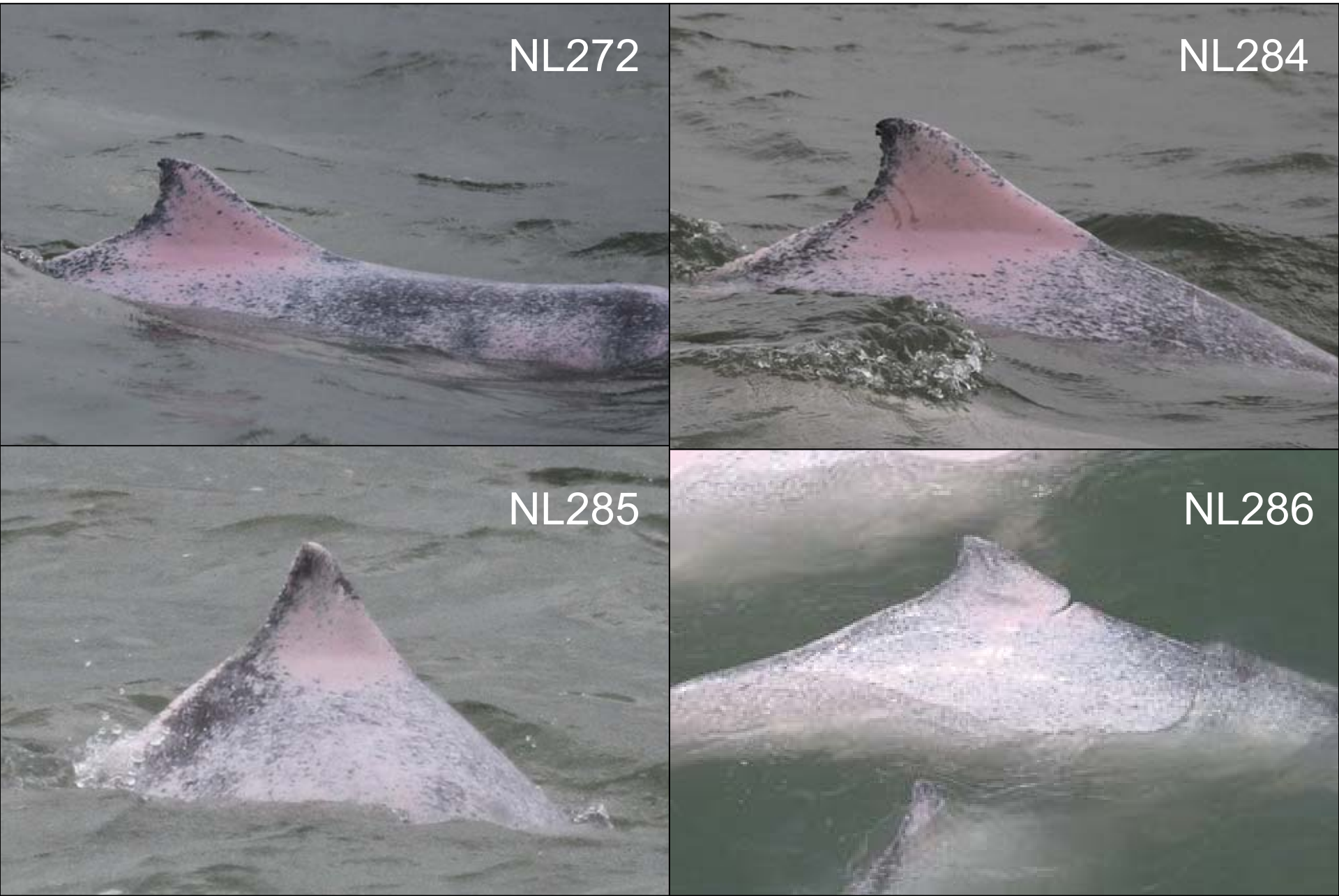








Annex IV. (cont'd)



Annex IV. (cont'd)









Annex IV. (cont'd)





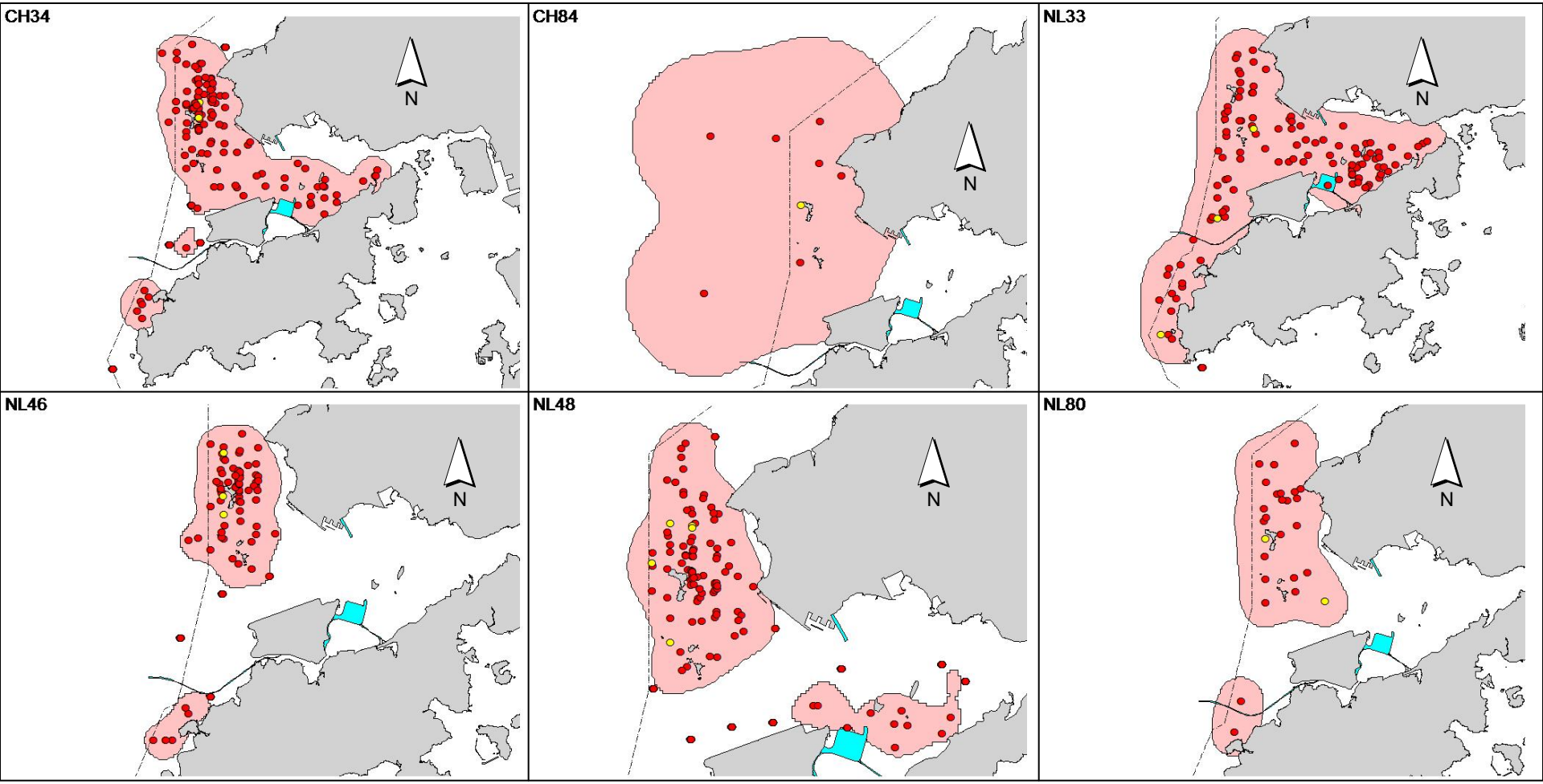




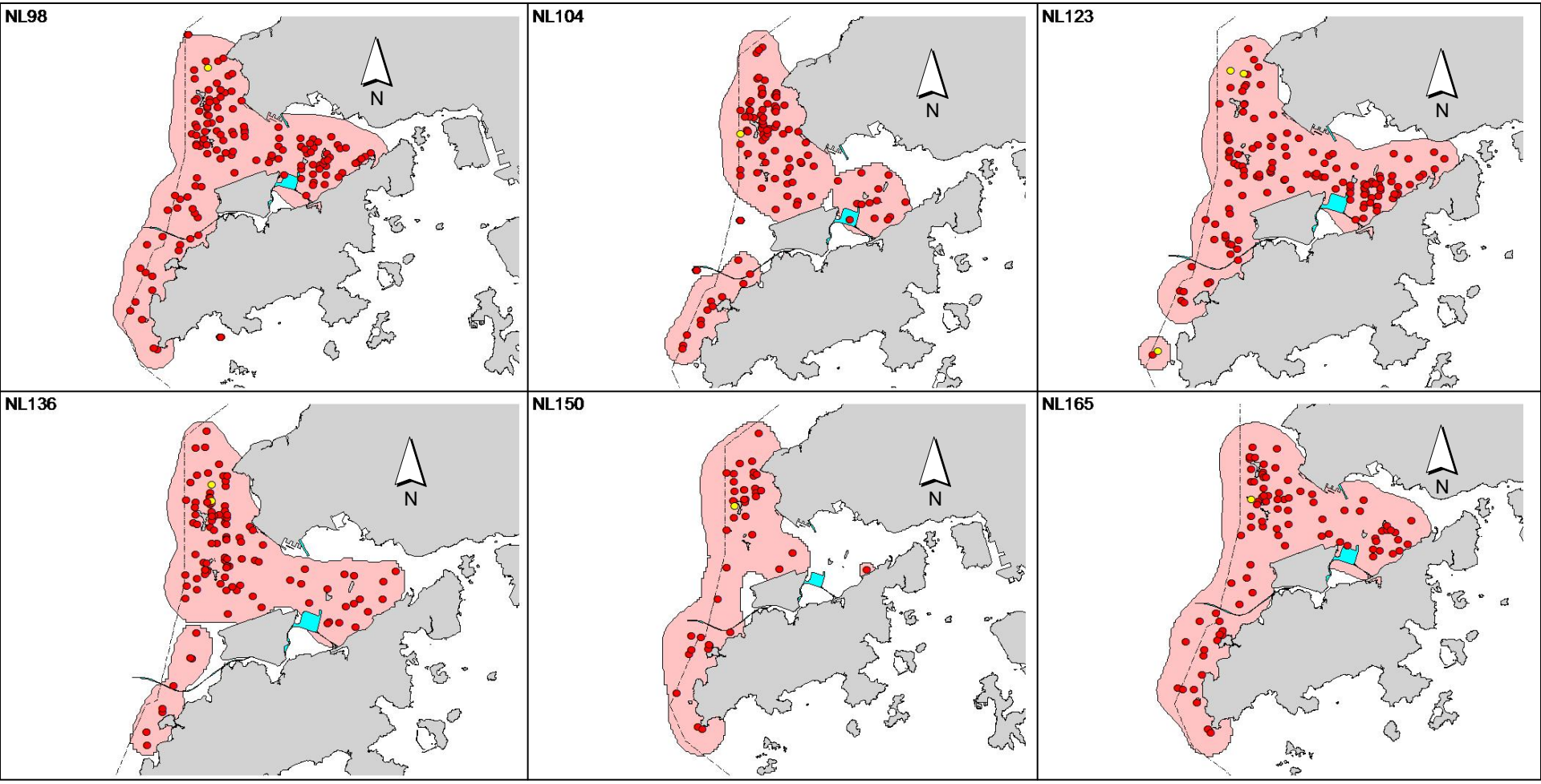
Annex IV. (cont'd)



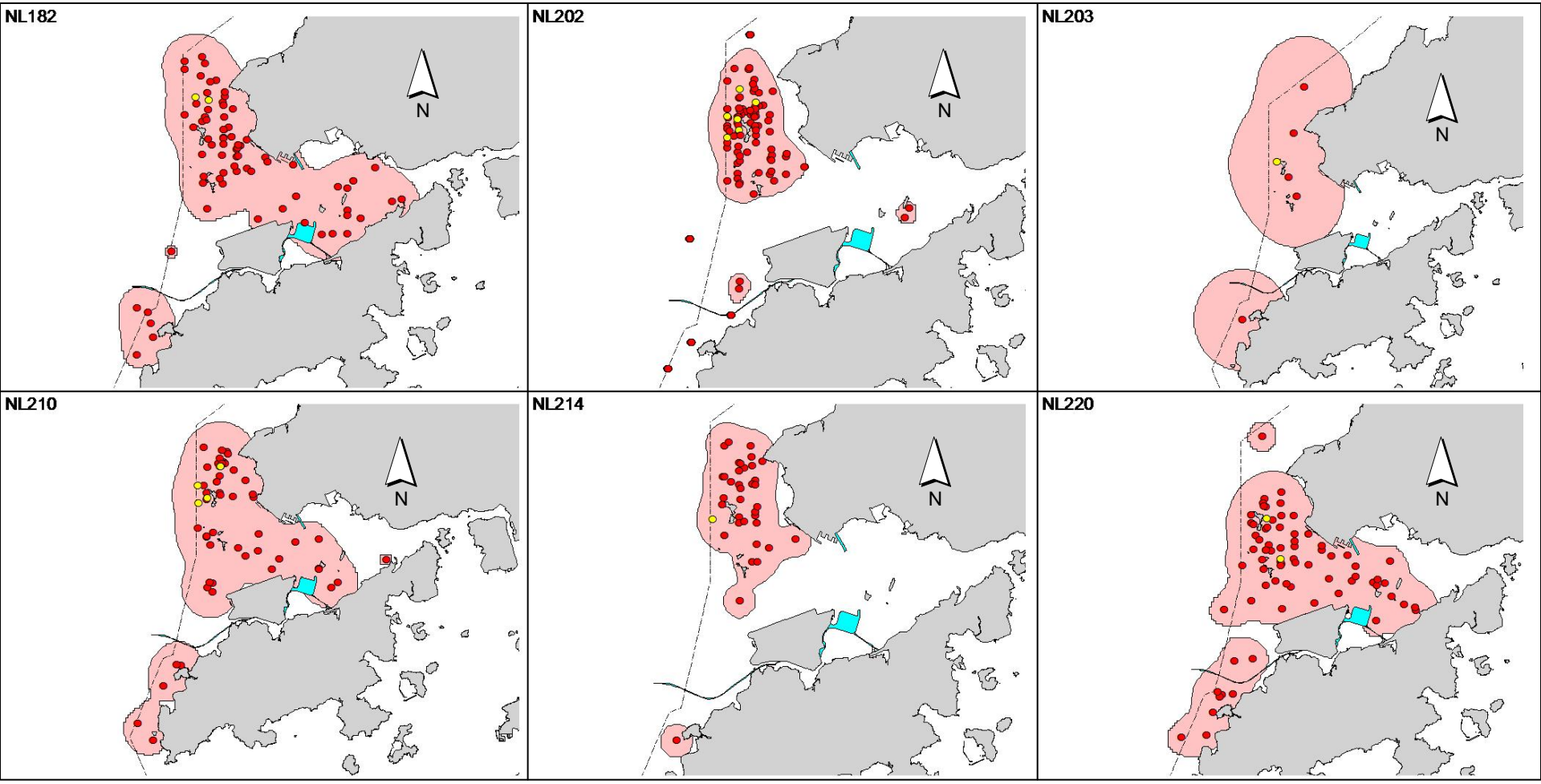
Annex V. Ranging patterns (95% kernel ranges) of 34 individual dolphins that were sighted during HKLR03 impact phase monitoring period (note: yellow dots indicates sightings made in September-November 2015)



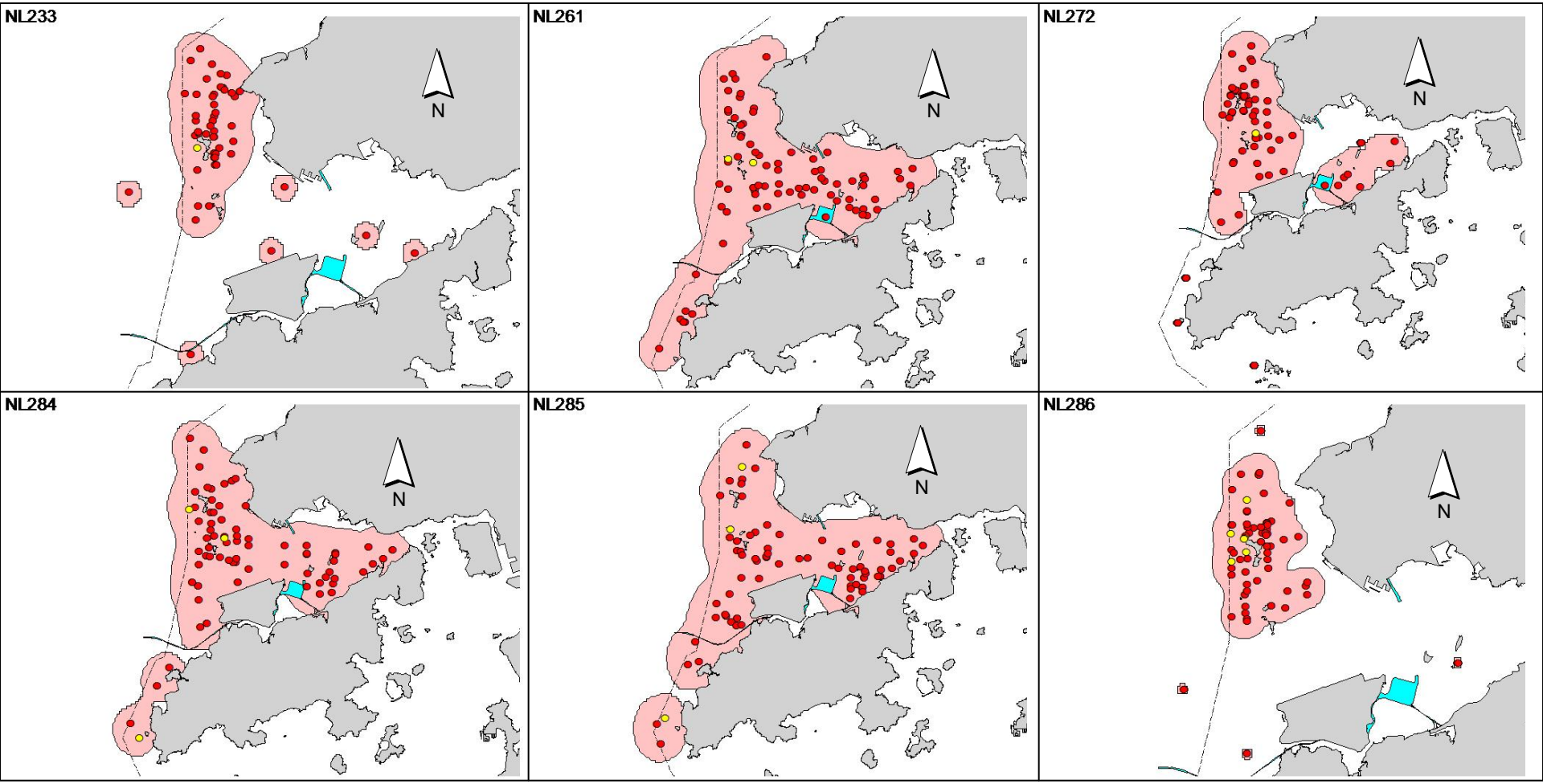
Annex V. (cont'd)



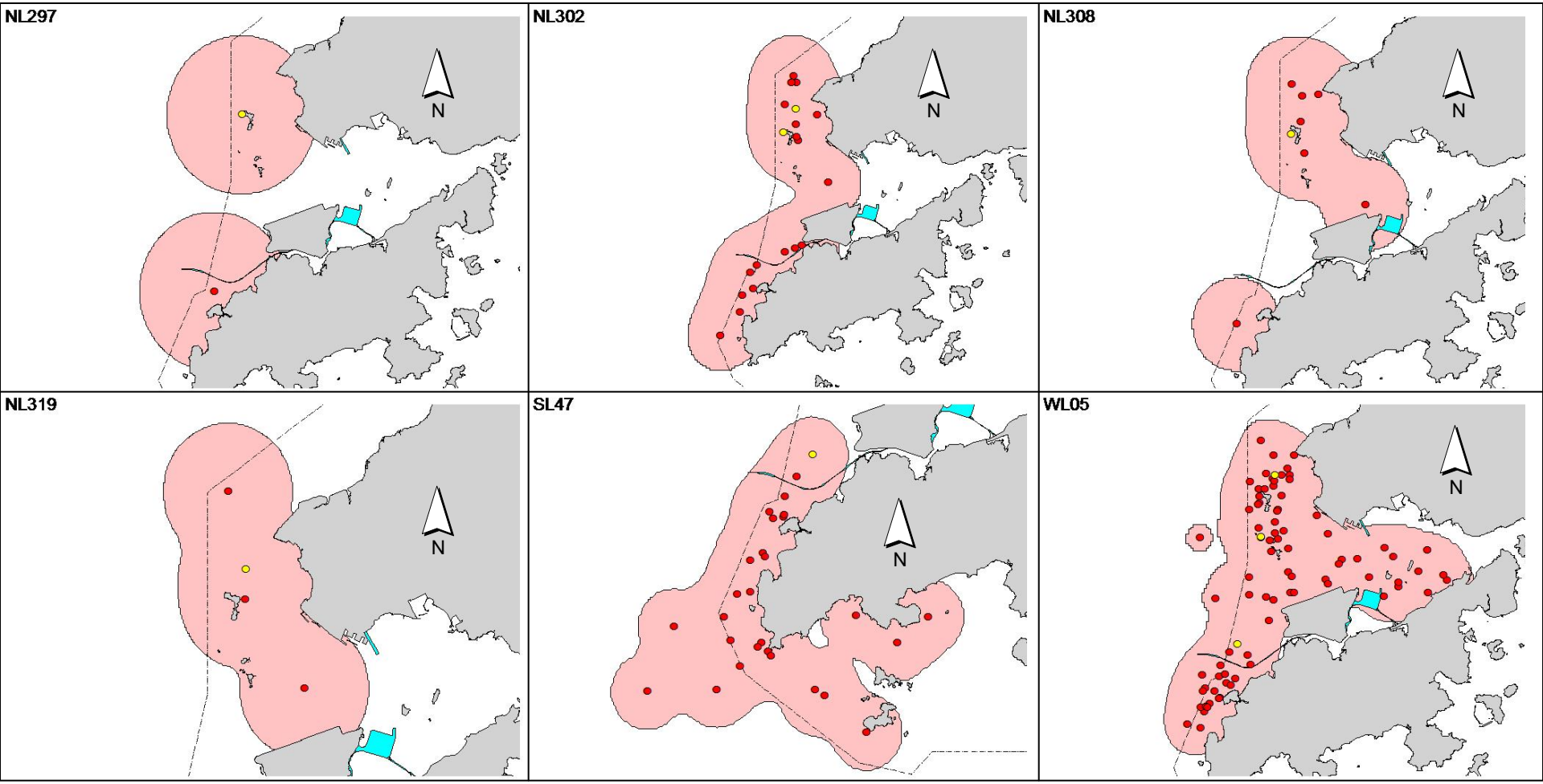
Annex V. (cont'd)



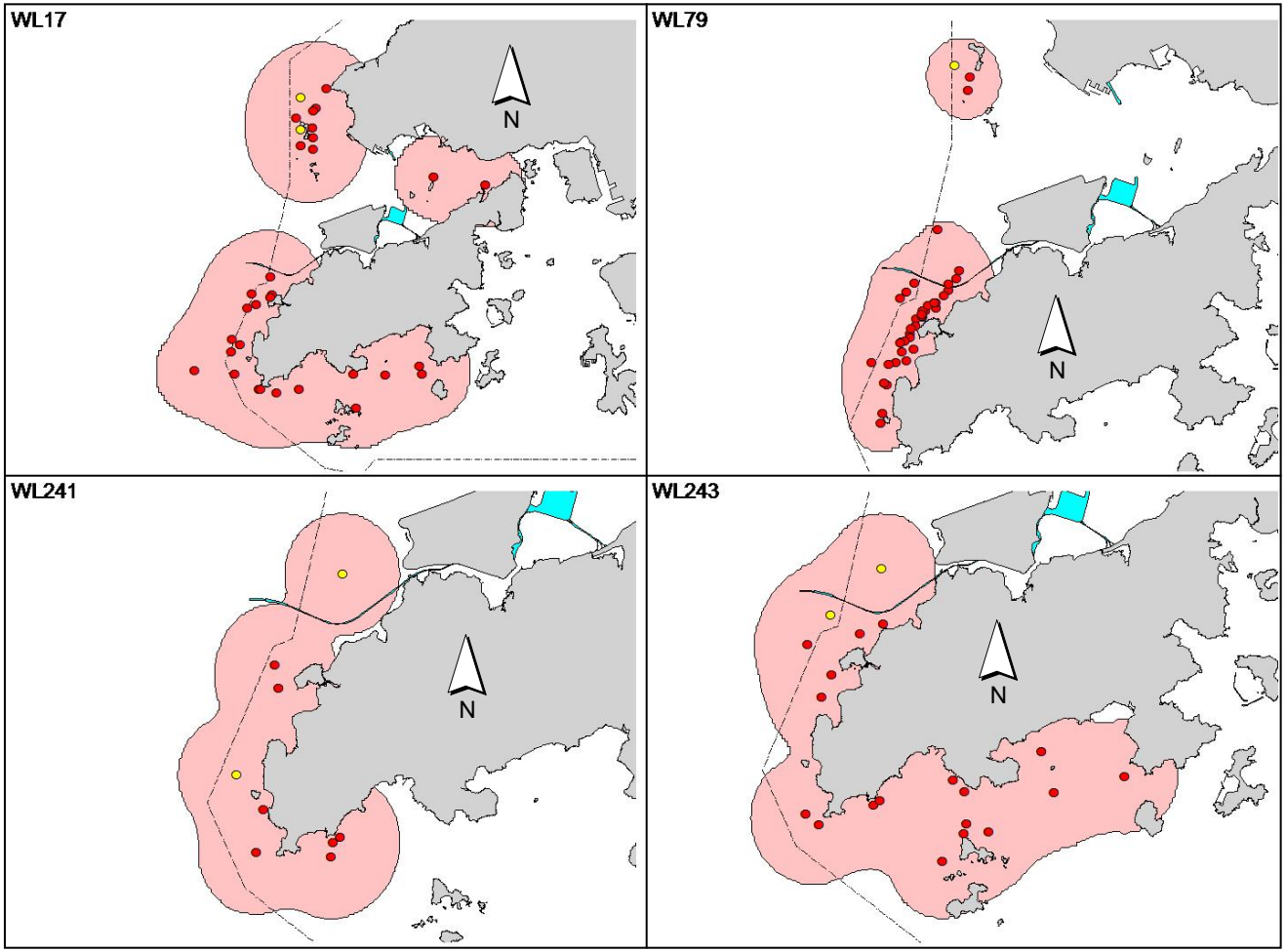
Annex V. (cont'd)



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	7.659	0.000	7.659	0.000	0.000	71.856	3.210	0.000	0.000	0.000	0.228
Sub-total	213.533	0.000	94.725	118.644	0.164	191.262	31.960	1.150	0.000	1.239	0.969
Jul	12.324	0.000	12.324	0.000	0.000	63.589	6.620	0.250	0.000	0.000	0.390
Aug	3.097	0.000	3.097	0.000	0.000	38.259	9.447	0.000	0.000	0.000	0.332
Sep	6.468	0.000	5.846	0.000	0.622	9.458	2.101	0.000	0.000	0.000	0.390
Oct	3.977	0.000	3.865	0.000	0.112	13.171	6.211	0.650	0.000	0.000	0.462
Nov	21.083	0.000	3.919	17.036	0.128	0.000	10.300	0.300	0.000	1.023	0.462
Dec											
Sub- total	46.948	0.000	29.051	17.036	0.862	124.476	34.679	1.200	0.000	1.023	2.035
Total	260.482	0.000	123.776	135.680	1.026	315.739	66.639	2.350	0.000	2.262	3.003

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=7.85tonnes/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
30.06.2015	VEP Issued	17.07.2015	EP-353/2009/I	Highways Department	N/A

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

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

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

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
31.07.2015	391702	31.07.2015	N/A

Billing Account for Disposal of Construction Waste

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

Dumping at Sea Ordinance

Item No.	Date Application Submitted	Works Area Applied	Description	Status	Permit No.	Validity of Permit	
						From	To
1	07.08.2015	SHT Tunnel	Cat. L Dredged / Excavated Sediment Requiring Type 1 – Open Sea Disposal Disposal	Permit issued on 26.08.2015	EP/MD/16-070	01.09.2015	29.02.2016

Chemical Waste Producer Registration

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

Wastewater Discharge License

Item No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017
3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017.
4.	15.01.2013	WA 3	Application Ref No.356237 Water Discharge License Ref. WT00015423-2013 was granted on 4 Mar 2013	Valid until 31/03/2018
5.	15.01.2013	WA 4	Application Ref No. 356240 Water Discharge License Ref. WT00016158-2013 was granted on 30 July 2013	Valid until 31/07/2018
6	02.04.2013	Airport Road (Northern)	Water discharge license Ref. WT00015866-2013 was granted on 29 Apr 2013	Valid until 30/04/2018
7	02.04.2013	Airport Road (Southern)	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	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
2	31.07.2015	Airport Road	Road Works	CNP issued on 14.08.2015	GW-RS0879-15	17.08.2015 1900	16.02.2016 2300
3	07.08.2015	S23	Canopy Pipe works (Special Case)	CNP issued on 21.08.2015	GW-RS0890-15	23.08.2015 0000	22.02.2016 0500
4	11.09.2015	WA3	Stockpiling/ wastewater treatment	CNP issued on 25.09.2015	GW-RS1035-15	28.09.2015 0000	27.03.2016 2400
5	11.09.2015	Airport Road Maintenance	Road Works (Special Case)	CNP issued on 25.09.2015	GW-RS1027-15	01.10.2015 0000	31.03.2016 0500
6	16.09.2015	WA4	Loading/ Unloading of stockpiles	CNP issued on 30.09.2015	GW-RW0490-15	30.09.2015 1900	29.04.2016 2300
7	09.10.2015	Shaft 4	Tunnel Works	CNP issued on 23.10.2015	GW-RS1127-15	23.10.2015 1900	22.04.2016 0000
8	22.10.2015	West Portal	Tunnel/ Building works	CNP issued on 09.11.2015	GW-RS1237-15	09.11.2015 1900	08.05.2016 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
9	26.10.2015	A1 Bridge	Bridge Construction	CNP issued on 09.11.2015	GW-RS1238-15	12.11.2015 1900	11.05.2016 2300
10	26.10.2015	HAT Cut & Cover Tunnel	Percussive Piling	CNP issued on 05.11.2015	PP-RS0027-15	05.11.2015 0700	04.05.2016 1900
11	02.11.2015	East Coast Road	Drainage Pipe Construction (Special Case)	CNP issued on 16.11.2015	GW-RS1212-15	16.11.2015 2200	24.12.2015 0500
12	03.11.2015	Reclamation Area	Marine Works	CNP issued on 13.11.2015	GW-RS1244-15	17.11.2015 1900	16.05.2016 2400
13	09.11.2015	Shaft 1-3	Tunnel Works	CNP issued on 23.11.2015	GW-RS1266-15	23.11.2015 1900	22.05.2016 2400
14	18.11.2015	Airport Road Maintenance	Road Works (Special Case)	CNP issued on 30.11.2015	GW-RS1305-15	02.12.2015 0000	31.12.2015 0500
15.	22.04.2015	S16	Bridge Construction	CNP issued on 11.05.2015	GW-RS0496-15	12.05.2015 1900	11.11.2015 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.: 216

Date of Notification: 23 September 2015

Works Inspected: Data collected from water sampling works on 11 September 2015 and the test report was issued on 18 September 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: 2.82 x 120% = **3.4** mg/L for mid ebb) AND CS(Mf)5: 4.25x 120% = **5.1** 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. CS2:2.82 x 130% = **3.7** mg/L for mid ebb) AND CS(Mf)5: 4.25x 130% = **5.5** mg/L for mid flood)	2.0	***27.5***

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

Possible reason for Action or Limit Level Non-compliance:

On 11 September 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. Box culvert extension at Zone 1, construction of temporary drainage at Zone 2, 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 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

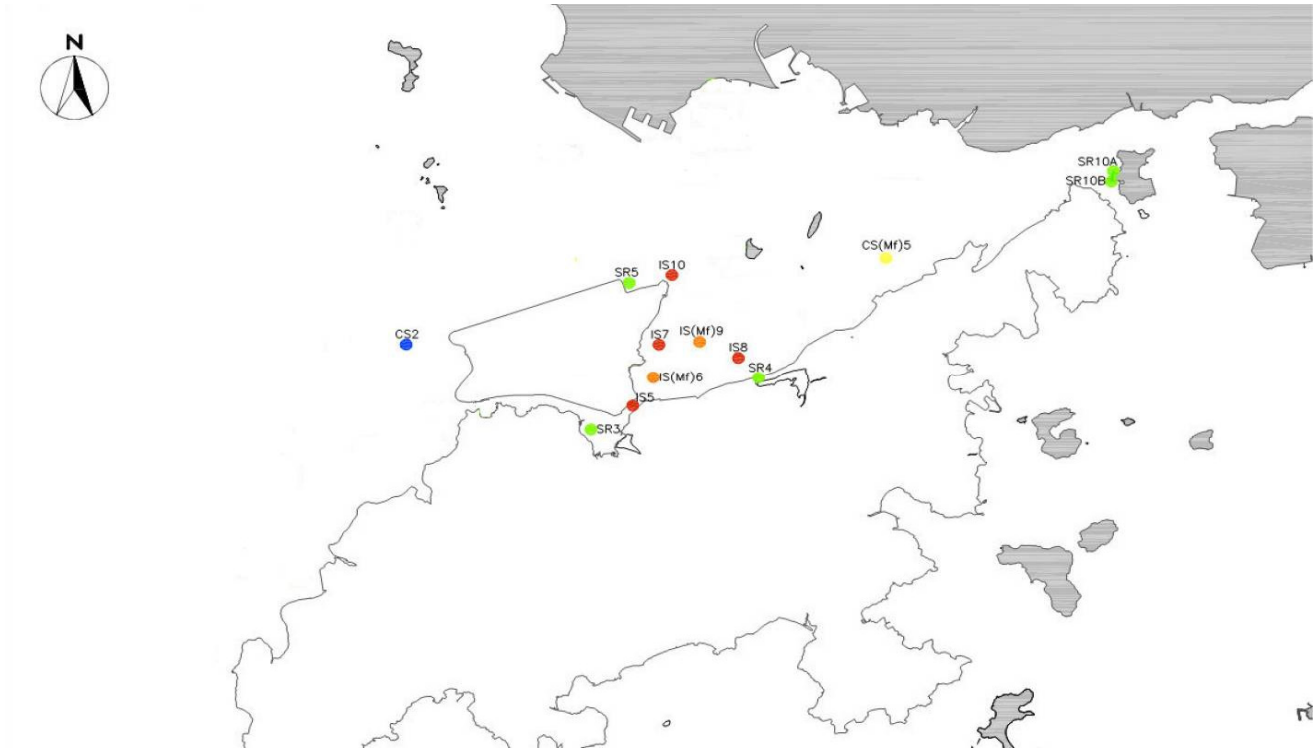
   The measured value at station SR4 was above the range of suspended solid during baseline monitoring for the mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water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

As such, the suspended solid level recorded at this station is 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 : 13 October 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.: 217

Date of Notification: 20 October 2015

Works Inspected: Data collected from water sampling works on 2 October 2015 and the test report was issued on 9 October 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: 7.88 x 120% = **9.5** mg/L for mid ebb) AND CS(Mf)5: 6.38 x 120% = **7.7** 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: 7.88 x 130% = **10.2** mg/L for mid ebb) AND CS(Mf)5: 6.38 x 130% = **8.3** mg/L for mid flood)	5.4	***28.1***
SS	SR5	DA			4.8	***29.0***

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 2 October 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. Box culvert extension at Zone 1, construction of temporary drainage at Zone 2, 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 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 within 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.

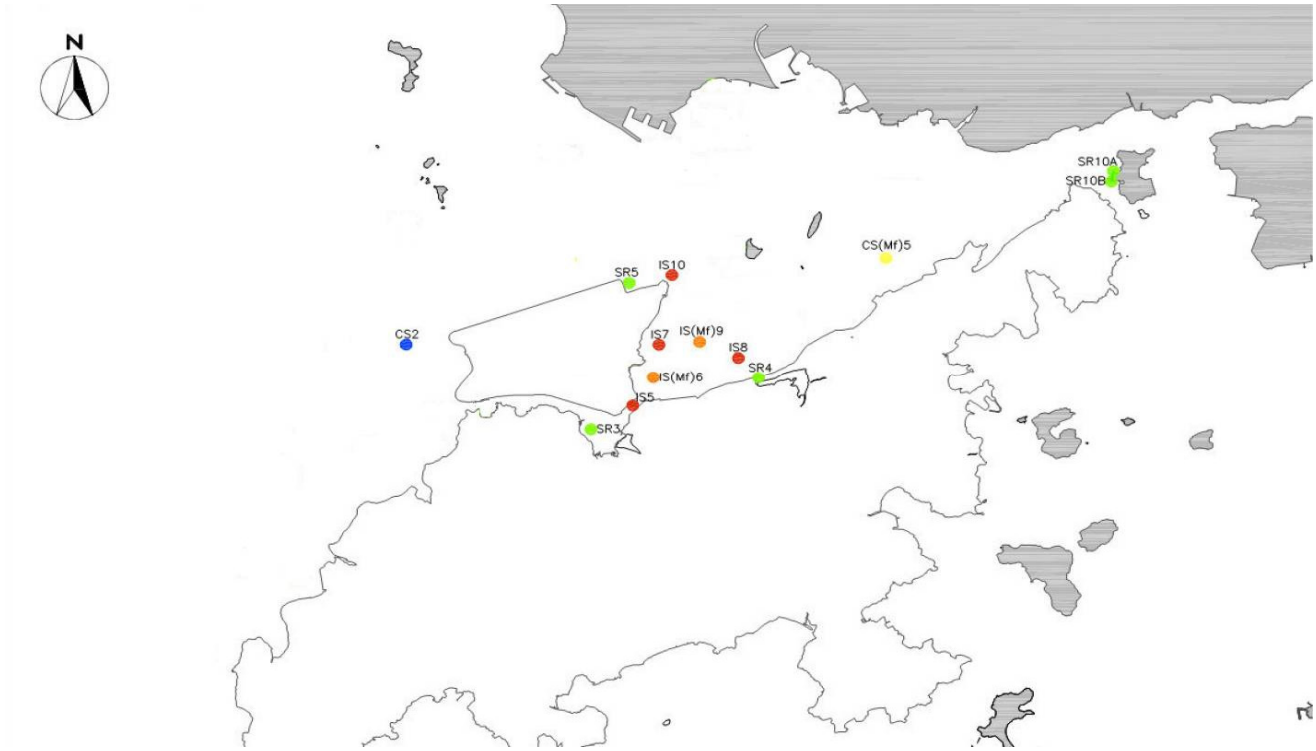
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level recorded at this station is 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 : 26 October 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.: 218

Date of Notification: 8 December 2015

Works Inspected: Data collected from water sampling works on 25 November 2015 and the test report was issued on 2 December 2015.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAMTER	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 18.27 x 120% = **21.9** mg/L for mid ebb) AND CS(Mf)5: 4.6 x 120% = **5.5** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 18.27 x 130% = **23.7** mg/L for mid ebb) AND CS(Mf)5: 4.6 x 130% = **6.0** mg/L for mid flood)	***29.0***	***27.3***
SS	IS(Mf)6	DA			***24.6***	***24.1***
SS	IS7	DA			20.1	***25.5***
SS	SR3	DA			***26.0***	***23.6***

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

Possible reason for Action or Limit Level Non-compliance:

On 25 November 2015, AL exceedances of suspended solid were recorded at stations IS5, IS(Mf)6 and SR3 during the mid-ebb tide and at stations IS5, IS(Mf)6, IS7 and SR3 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. Box culvert construction at Zones 1 and 2, and 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 stations IS5, IS(Mf)6, IS7 and SR3 during the baseline monitoring are shown as below:

Stations	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS5	8.1	to	25.7	7	to	23.7
IS(Mf)6	7.1	to	19	8.5	to	35
IS7	6.1	to	21	7.8	to	34
SR3	6.7	to	31	7.6	to	28

The measured value at station IS(Mf)6, IS7 and SR3 during mid-flood tide and SR3 during mid-ebb tide were within the range of suspended solid during baseline monitoring. The measured value at stations IS5 and IS(Mf)6 during mid-ebb tide and IS5 during mid-flood tide were above the range of suspended solid during baseline monitoring. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

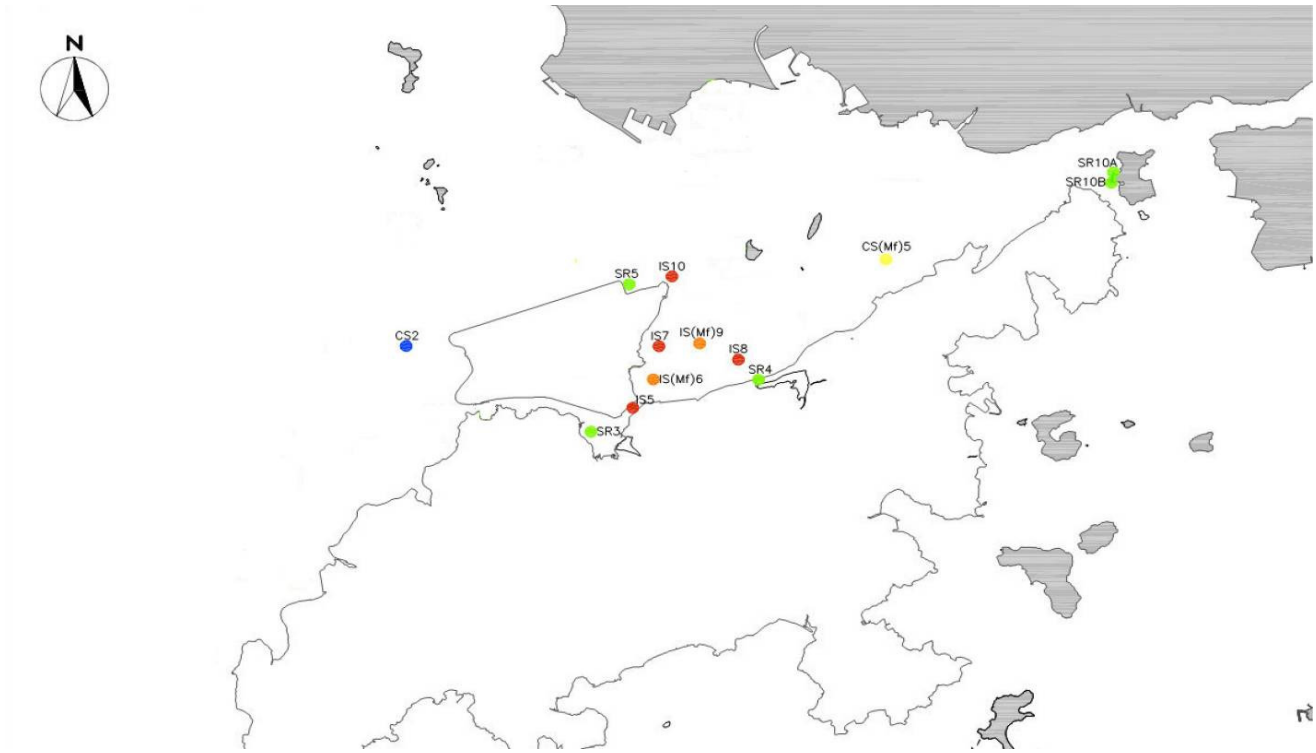
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level recorded at this station is 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 : 11 December 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.: 219 ver0

Date of Notification: 1 December 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 September 2015 – November 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 = 3.94; ANI = 21.05***

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 Action Level Non-compliance:

There was two Action Level exceedances of dolphin monitoring for the quarterly monitoring data (between September - November 2015). According to the contractor's information, the marine activities undertaken for HKLR03 during the quarter of September to November 2015 included reclamation, excavation of stone platform, construction of seawall, temporary drainage diversion and ground investigation.

There is no evidence showing the current AL 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, ENPO, ER/SOR and Contractor
The ETL informed IEC, ENPO, SOR and Contractor via email on 1 December 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 (12th quarter of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0079 and 0.071 respectively. If the alpha value is set at 0.05, significant differences were detected between the baseline and present quarters in dolphin encounter rate of STG, but not in the dolphin encounter rate of ANI.

For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first twelve quarters of the impact phase being assessed), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.00009 and 0.00003 respectively. Even if the alpha value is set at 0.001, 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 September 2015 to November 2015 has been reviewed by the dolphin specialist. During the same quarter, no dolphin was sighted from 78.70 km of survey effort on primary lines in NEL, while seven groups of 24 dolphins were sighted from 144.11 km of survey effort on primary lines in NWL. This review has confirmed that the low occurrence of dolphins reported by the HKLR03 monitoring surveys in autumn 2015 in NEL and NWL survey area is accurate.

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 15 January 2016 with attendance of representative of Highways Department (HyD), 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/2012/07 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. HyD updated that the proposed BMP will be gazetted in January 2016. The ETs were reminded to update the BMP boundary in the Regular Marine Travel Route Plan.

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 : 3 March 2016

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	-
COM-2015-074	16-Jul-15	Nil	EPD	Environmental (Wastewater)	According to EPD's email to Highways Department, ET, SOR and ENPO, a complaint was received on 16 July 2015 regarding wastewater splashing from vehicles to pedestrian at Tung Fai Road. The complainant complained that wastewater was splashed to people waiting at the bus stop near Civil Aviation Department Headquarters Office Building when vehicles leaving the HZMB site to Tung Fai Road.	Tung Fai Road	Based on the investigation results, it is considered that the complaint is unlikely related to HKLR03 Contract. The Contractor has been reminded to slow down their vehicles when leaving the concerned construction site.	Closed	-
COM-2015-076	17-Jul-15	Nil	EPD (An email forwarded by ENPO)	Environmental (Noise)	According to EPD's email to ENPO on 17 July 2015, it is noted that EPD received a noise complaint from public. The complainant said that he/she was disturbed by the noise generated from construction sites of the HZMB Project during the daytime period of past few Sundays. Afterwards, EPD contacted the complainant and confirmed that the noise was generated from construction sites along Kwo Lo Wan Road and signs of "China State Construction Engineering (HK) Ltd" were noted.	Kwo Lo Wan Road	Based on the information provided and our investigation, the Contractor complied with the conditions laid down in Construction Noise Permit (CNP) Nos. GW-RS0733-15 and GW-RS0740-15 and no noncompliance was found. The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours and recommended to implement the following measures to minimize the potential noise impact during restricted hours: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plant during restricted hours.	Closed	-
COM-2015-079	07-Dec-15	Nil	ENPO (EPD referred the email from Complainant to ENPO)	Environmental (Water Quality)	According to ENPO's email to SOR and ET on 7 December 2015, a complaint was received by EPD on 2 December 2015 regarding water quality near HKLR work site. The complainant mentioned that "I moved to Tung Chung since July and it was the second time I saw similar situation polluting the sea. Last time it was even worse in red colour. Please look into this matter and let me know what was being dropped into the sea and whether it was hazardous to the sea.". EPD has contacted the complainant and obtained the additional information from the complainant. EPD suspected that the incident happened in the afternoon on 28 November 2015.	Portion X	According to the information provided by the Contractor, the derrick barge belongs to Contract No. HY/2011/03. The concerned sediment plume was likely to be caused by stirring up of mud in the seabed by the derrick barge sailed at the navigation channel situated at shallow water zone where the water depth ranging from 3.25m – 3.75m. Public fill materials were placed on the derrick barge. The barge was in good conditions with no materials being dumped into the sea. The Contractor has been implementing the mitigation measure as specified in the Implementation Schedule of Environmental Mitigation Measures that is all vessels to be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash. The Contractor is recommended to arrange vessels to move out of the site area during high tide to avoid the disturbance to the seabed as far as practicable and deploy marine vessels effectively in order to minimize the number of trips and disturbance to seabed in shallow waters.	Closed	-

APPENDIX O

Mudflat Monitoring Results

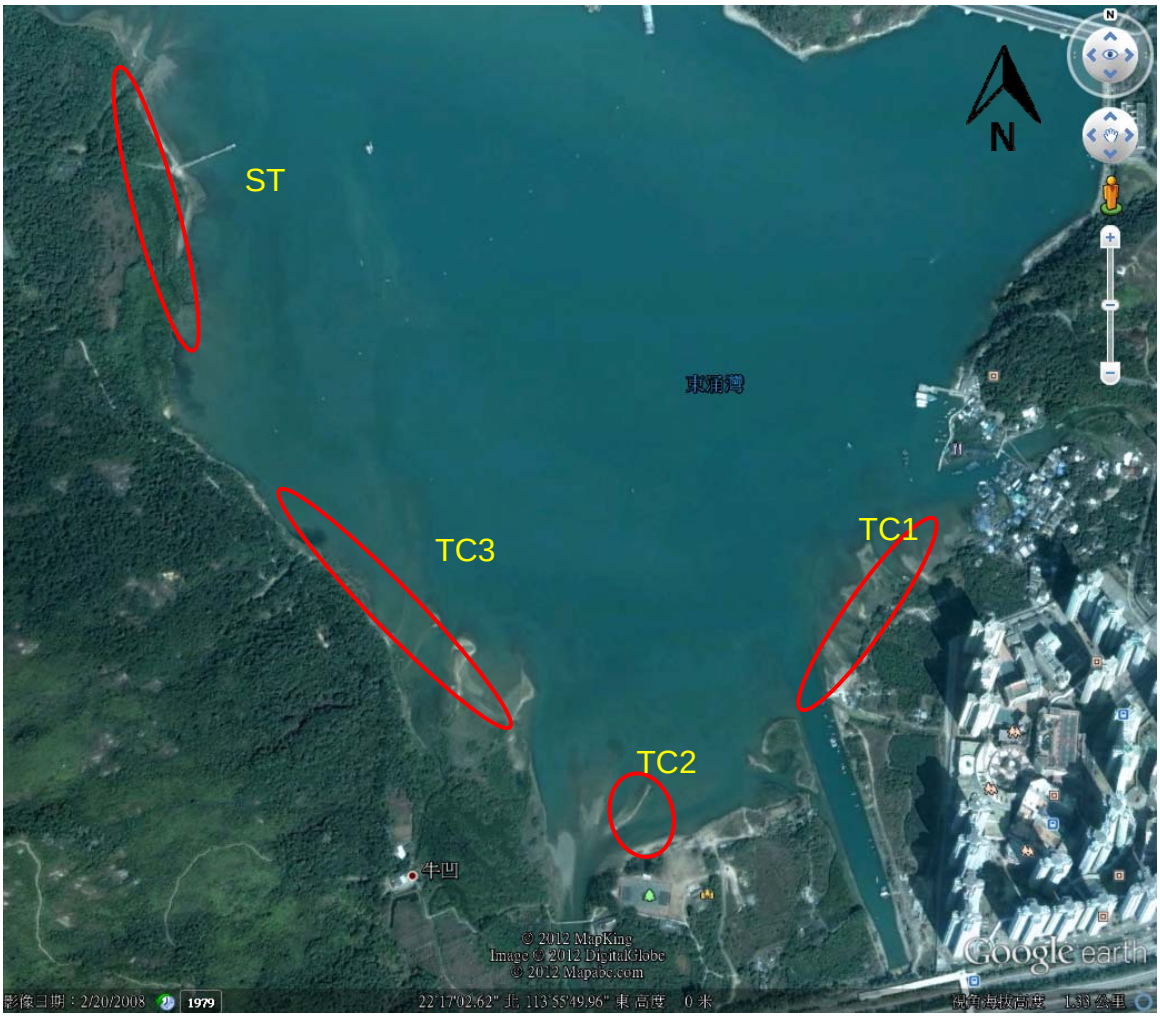


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

TC1



TC2



TC3

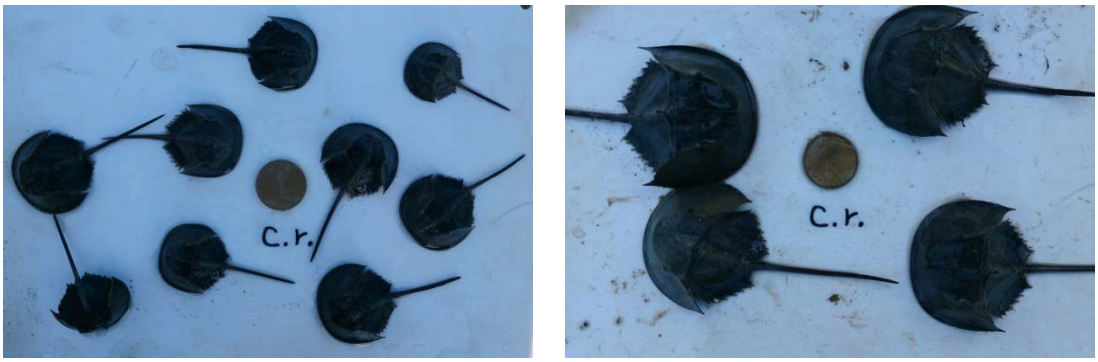


ST



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

TC1 *Carcinoscorpius rotundicauda*



TC2 *Carcinoscorpius rotundicauda*



TC3 *Carcinoscorpius rotundicauda*



Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (Sep. 2015)*

TC3 *Tachypleus tridentatus*



ST *Carcinoscorpius rotundicauda* This big individual is caught by trash fish net laid on shore.





ST *Tachypleus tridentatus*



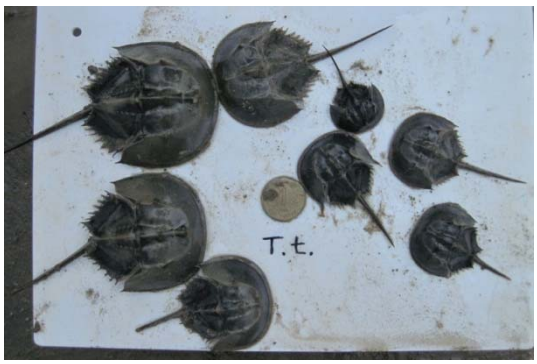


Figure 3.1 (Cont'd). *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (Sep. 2015)*

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

	TC1	TC2	TC3	ST
Search duration (hr)	2	2	3	3
Carcinoscorpius rotundicauda				
no. of individuals	41	4	70	81
mean prosomal width (mm)	39.58	36.20	27.27	37.03
max. prosomal width (mm)	65.62	45.72	53.35	66.53
min. prosomal width (mm)	25.58	25.80	18.48	19.96
Search record (ind. hr^{-1} $person^{-1}$)	10.3	1.0	11.7	13.5
Tachypleus tridentatus				
no. of individuals			1	9
mean prosomal width (mm)			53.90	48.50
max. prosomal width (mm)	N.A.	N.A.	53.90	70.00
min. prosomal width (mm)			53.90	30.63
Search record (ind. hr^{-1} $person^{-1}$)			0.2	1.5



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

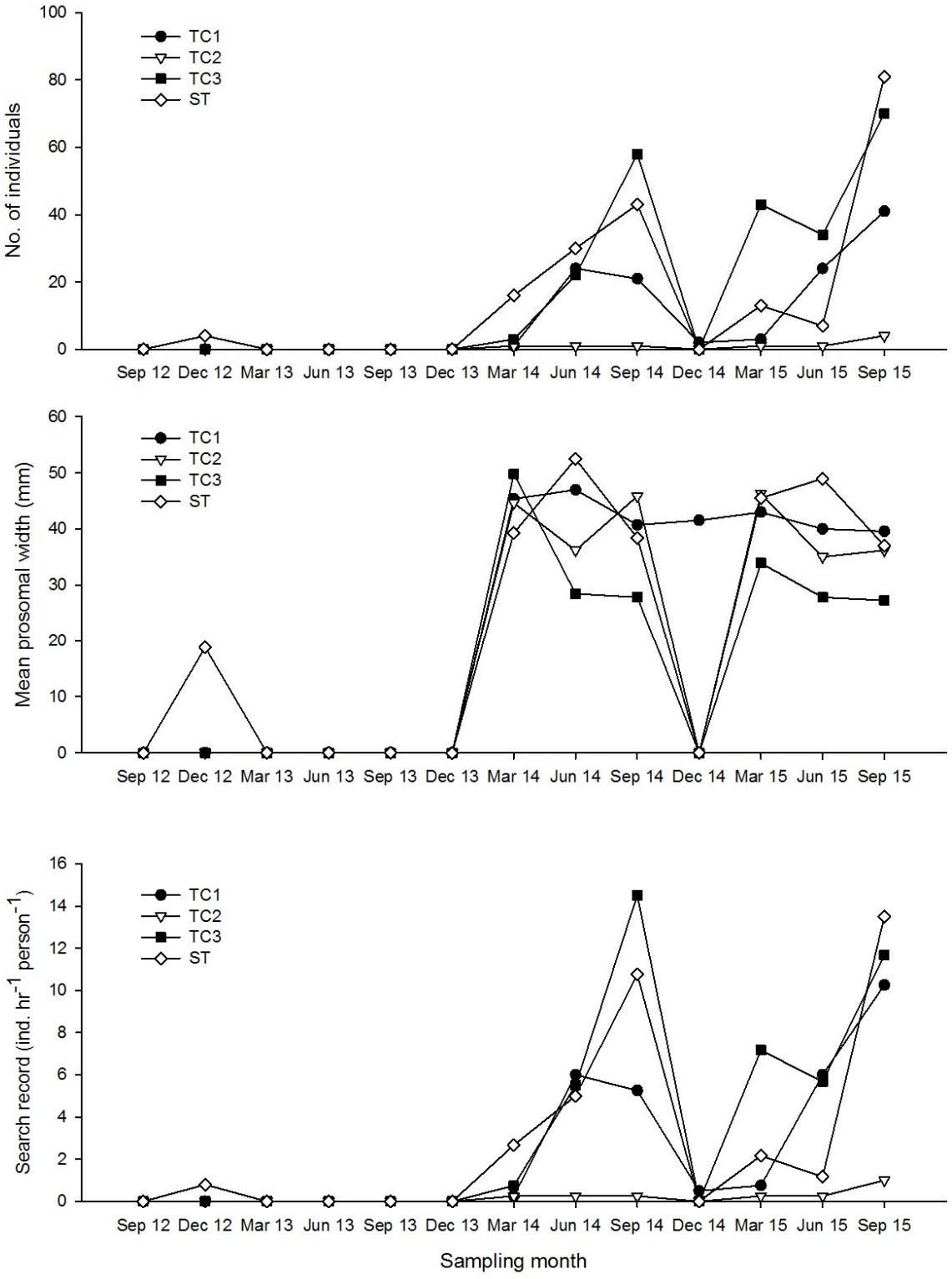


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda in every sampling zone along the sampling months.*

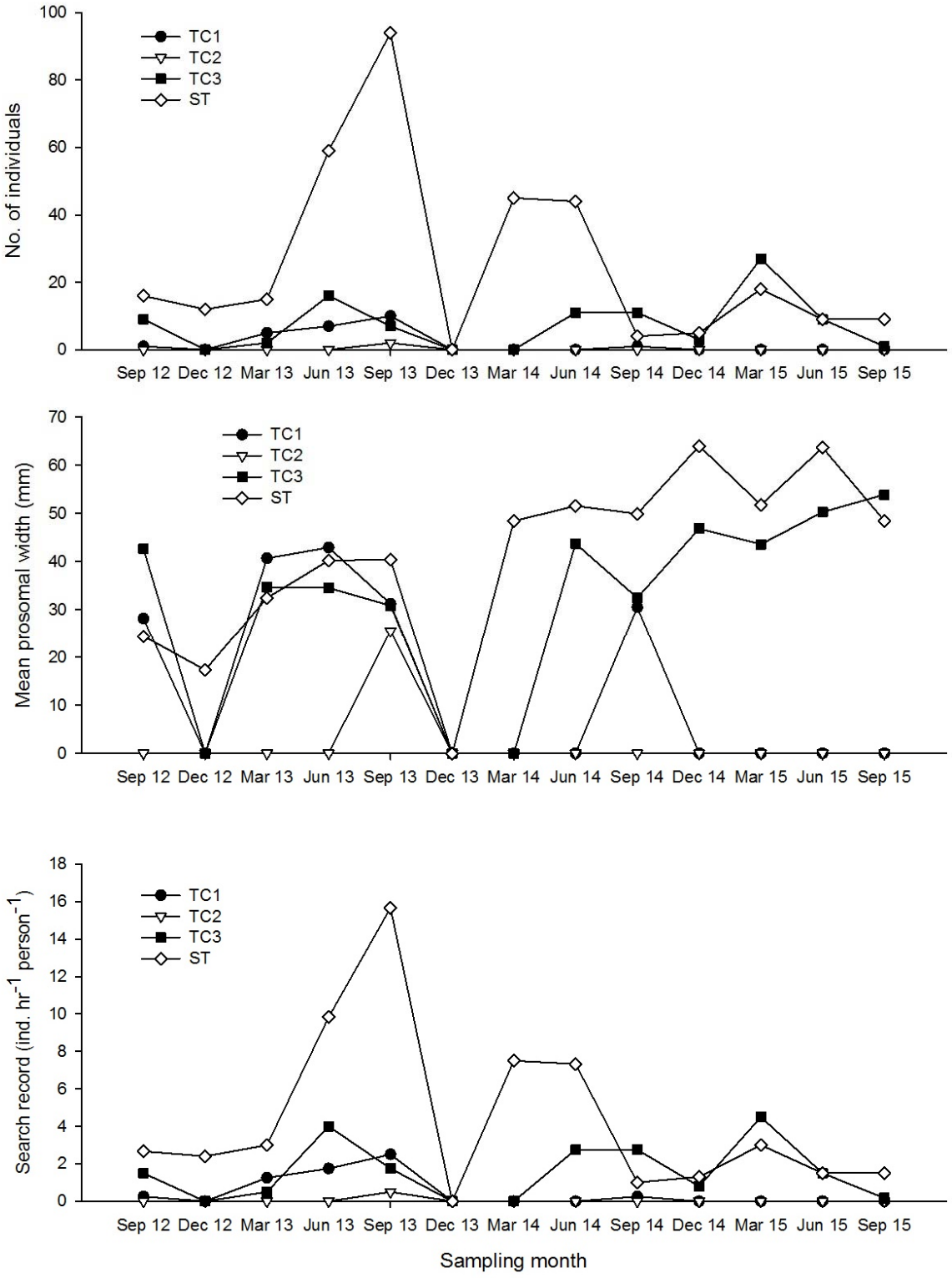


Figure 3.4. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus in every sampling zone along the sampling months.*

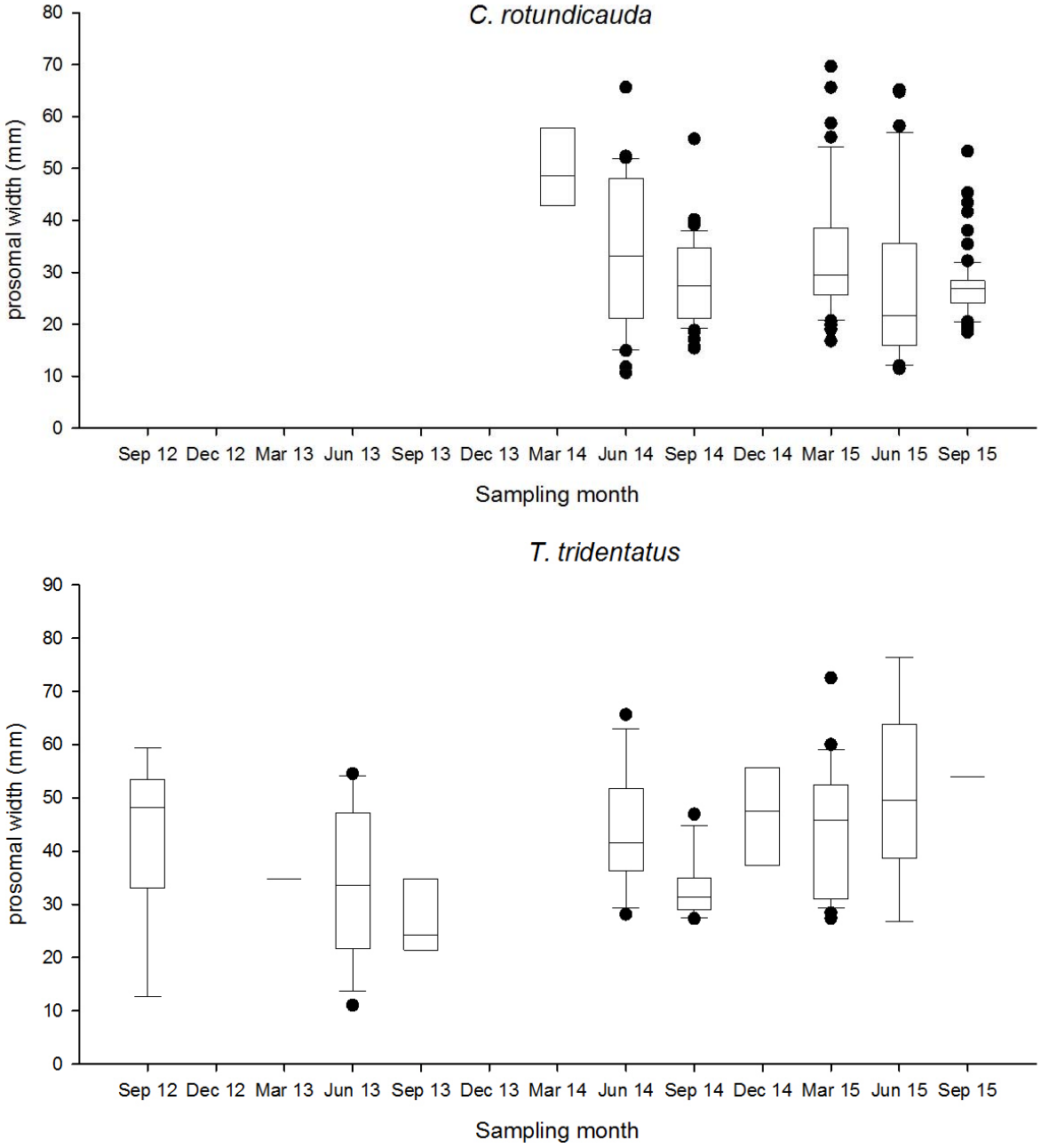


Figure 3.5. *Box plot of prosomal width of horseshoe crab in the sampling zone TC3 along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile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

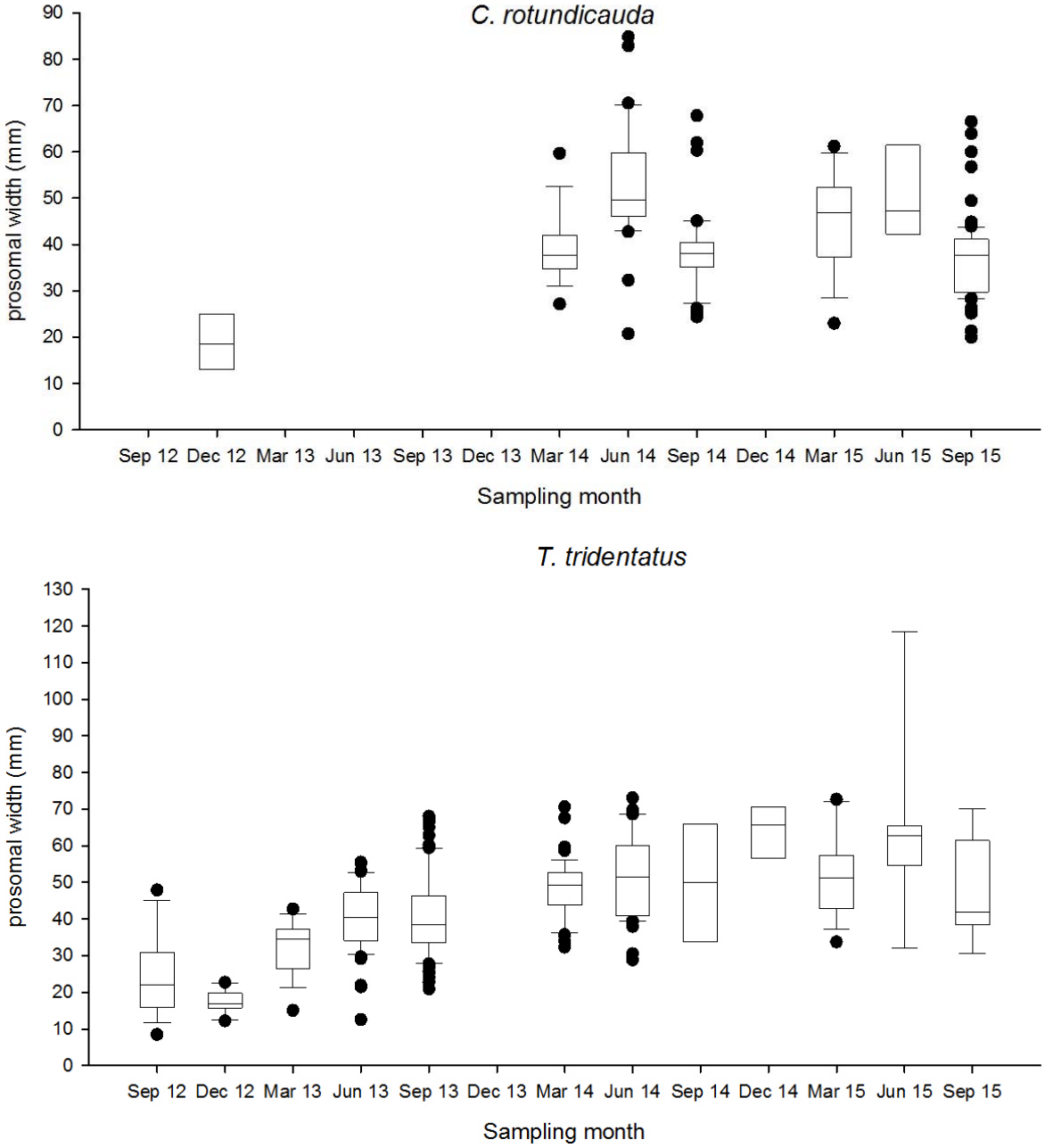


Figure 3.6. *Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and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

Zostera japonica



Halophila ovalis

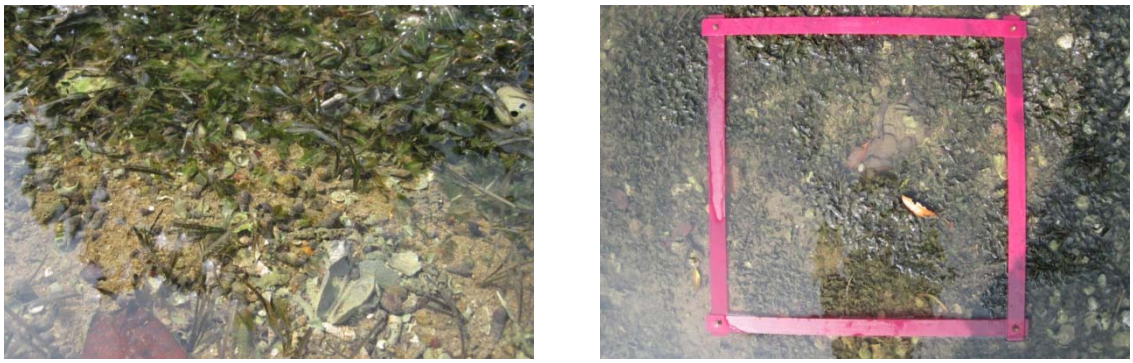


Figure 3.7. *Examples of photographic records of seagrass beds survey in ST (Sep. 2015)*

Table 3.2. *Summary of seagrass beds survey in the sampling zone ST.*

Summary	*Halophila ovalis*	*Zostera japonica*
Number of patches	4	2
Total area (m^2)	91.4	43.7
Average area (m^2)	22.8	21.8

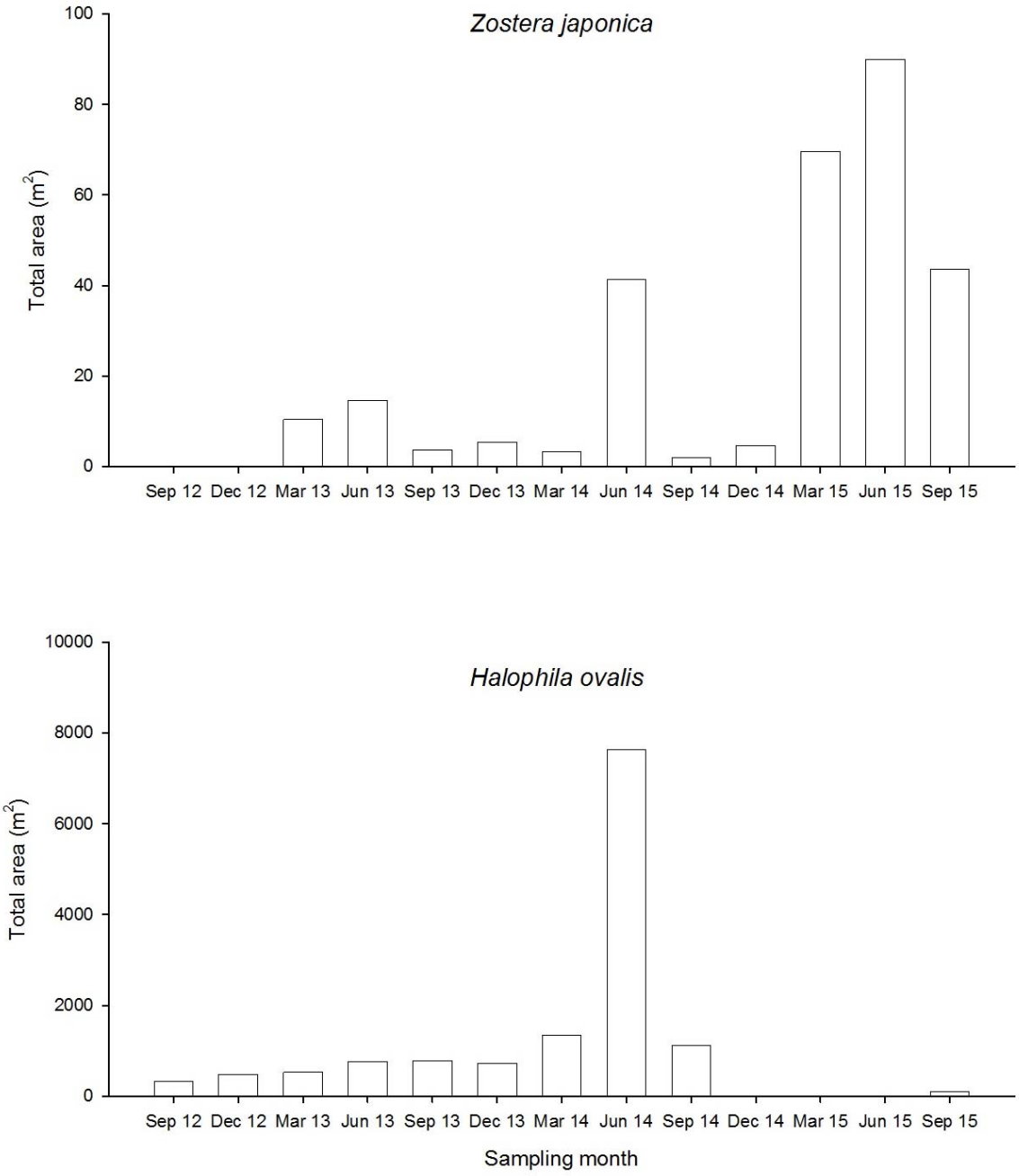


Figure 3.8. *Changes of estimated total area of seagrass beds in ST along the sampling months*

Jun. 2014



Dec. 2014



Mar. 2015



Jun. 2015



Sep. 2015



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

Table 3.3. *Relative distribution (%) of types of substratum along the horizontal transect at every tidal level and in every sampling zone.*

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

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

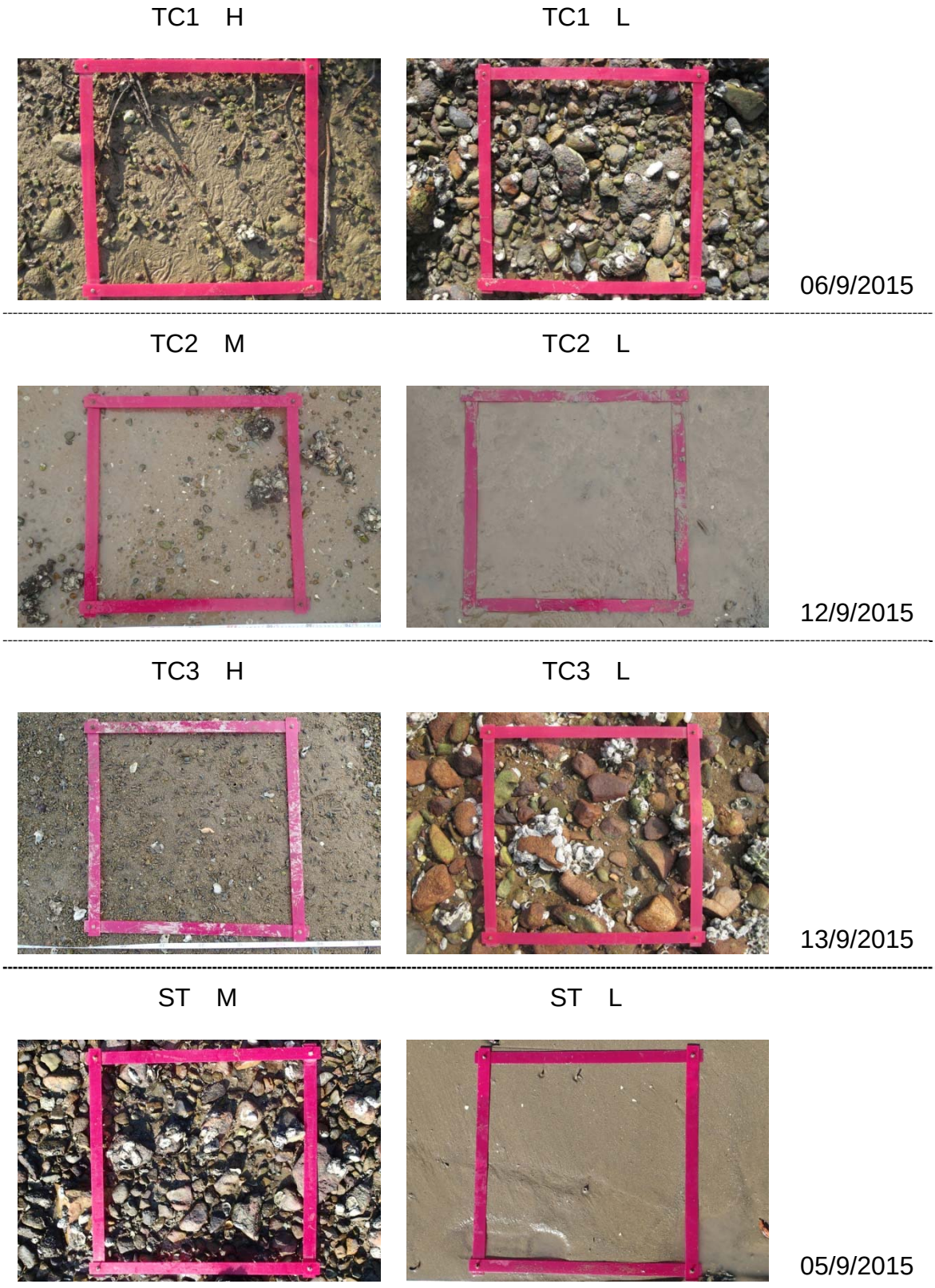


Figure 3.10. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

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

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Sep. 2015				
Mollusca	11994	95.9	400	35
Arthropoda	383	3.1	13	13
Annelida	71	0.6	2	9
Sipuncula	23	0.2	1	1
Cnidaria	13	0.1	0	1
Nemertea	9	0.1	0	1
Echiura	4	0.0	0	1
Chordata	3	0.0	0	1
Platyhelminthes	2	0.0	0	1
Total	12502			

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

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

Table 3.5. *The number of individuals, relative abundance (percentage) and density of each phylum in every sampling zone.*

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	1	0.0	0	32	1.1	4	35	0.8	5	3	0.1	0
Arthropoda	35	1.4	5	110	3.7	15	169	3.8	23	69	2.8	9
Chordata	1	0.0	0							2	0.1	0
Cnidaria							1	0.0	0	12	0.5	2
Echiura	4	0.2	1									
Mollusca	2509	98.0	335	2829	94.9	377	4297	95.4	573	2359	96.1	315
Nemertea	2	0.1	0	2	0.1	0				5	0.2	1
Platyhelminthes										2	0.1	0
Sipuncula	8	0.3	1	9	0.3	1	4	0.1	1	2	0.1	0
Sub-total	2560			2982			4506			2454		

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

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

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

Sampling zone TC1	Group	Species	Mean density (ind. m^{-2})	Relative abundance (%)	Cumulative relative abundance (%)
High	G	*Batillaria multiformis*	54	29	29
	G	*Cerithidea djadjariensis*	47	25	55
	G	*Cerithidea cingulata*	38	20	75
Mid	G	*Monodonta labio*	112	34	34
	G	*Batillaria multiformis*	79	24	58
	Bi	*Saccostrea cucullata*	72	22	80
Low	G	*Monodonta labio*	242	47	47
	Bi	*Saccostrea cucullata*	121	24	71

Bi = Bivalve, G = Gastropod

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

Sampling zone TC2	Group	Species	Mean density (ind. m^{-2})	Relative abundance (%)	Cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	407	53	53
	G	*Cerithidea cingulata*	157	20	73
Mid	Bi	*Saccostrea cucullata*	76	25	25
	G	*Batillaria zonalis*	73	24	49
	G	*Monodonta labio*	44	15	63
	G	*Cerithidea djadjariensis*	31	10	73
Low	G	*Batillaria zonalis*	41	34	34
	Bi	*Saccostrea cucullata*	24	20	54
	Ba	*Balanus amphitrite*	19	16	70

Ba = Barnacle, Bi = Bivalve, G = Gastropod

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

Sampling zone TC3	Group	Species	Mean density (ind. m^{-2})	Relative abundance (%)	Cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	257	35	35
	G	*Batillaria multiformis*	256	35	71
	G	*Cerithidea cingulata*	128	18	88
Mid	G	*Cerithidea cingulata*	222	39	39
	G	*Cerithidea djadjariensis*	146	25	64
	G	*Batillaria multiformis*	143	25	89
Low	G	*Monodonta labio*	197	39	39
	Bi	*Saccostrea cucullata*	146	29	69
	Bi	*Xenostrobus atratus*	48	10	78

Bi = Bivalve, G = Gastropod

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

Sampling zone ST	Group	Species	Mean density (ind. m^{-2})	Relative abundance (%)	Cumulative relative abundance (%)
High	G	*Monodonta labio*	130	34	34
	Bi	*Saccostrea cucullata*	80	21	56
	G	*Batillaria multiformis*	76	20	76
Mid	G	*Monodonta labio*	145	38	38
	Bi	*Saccostrea cucullata*	91	24	61
	G	*Lunella coronata*	45	12	73
Low	Bi	*Saccostrea cucullata*	71	33	33
	G	*Lunella coronata*	41	19	52
	G	*Euchelus scaber*	30	14	66

Bi = Bivalve, G = Gastropod

Table 3.7. *Mean values of species number, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and in every sampling zone*

Sampling zone	Tidal level	Species number (spp. 0.25 m^{-2})	Mean species number across tidal levels	Mean density (ind. m^{-2})	Mean density across tidal levels	Mean *H'*	Mean *H'* across tidal levels	Mean *J*	Mean *J* across tidal levels
TC1	H	5		186		1.1		0.8	
	M	8	8	328	341	1.5	1.3	0.7	0.7
	L	10		510		1.3		0.6	
TC2	H	9		769		1.3		0.6	
	M	9	8	306	398	1.5	1.4	0.7	0.7
	L	7		118		1.3		0.7	
TC3	H	7		726		1.2		0.6	
	M	7	8	576	601	1.3	1.3	0.6	0.6
	L	11		500		1.5		0.6	
ST	H	11		379		1.7		0.7	
	M	12	10	386	327	1.7	1.6	0.7	0.7
	L	8		216		1.3		0.7	

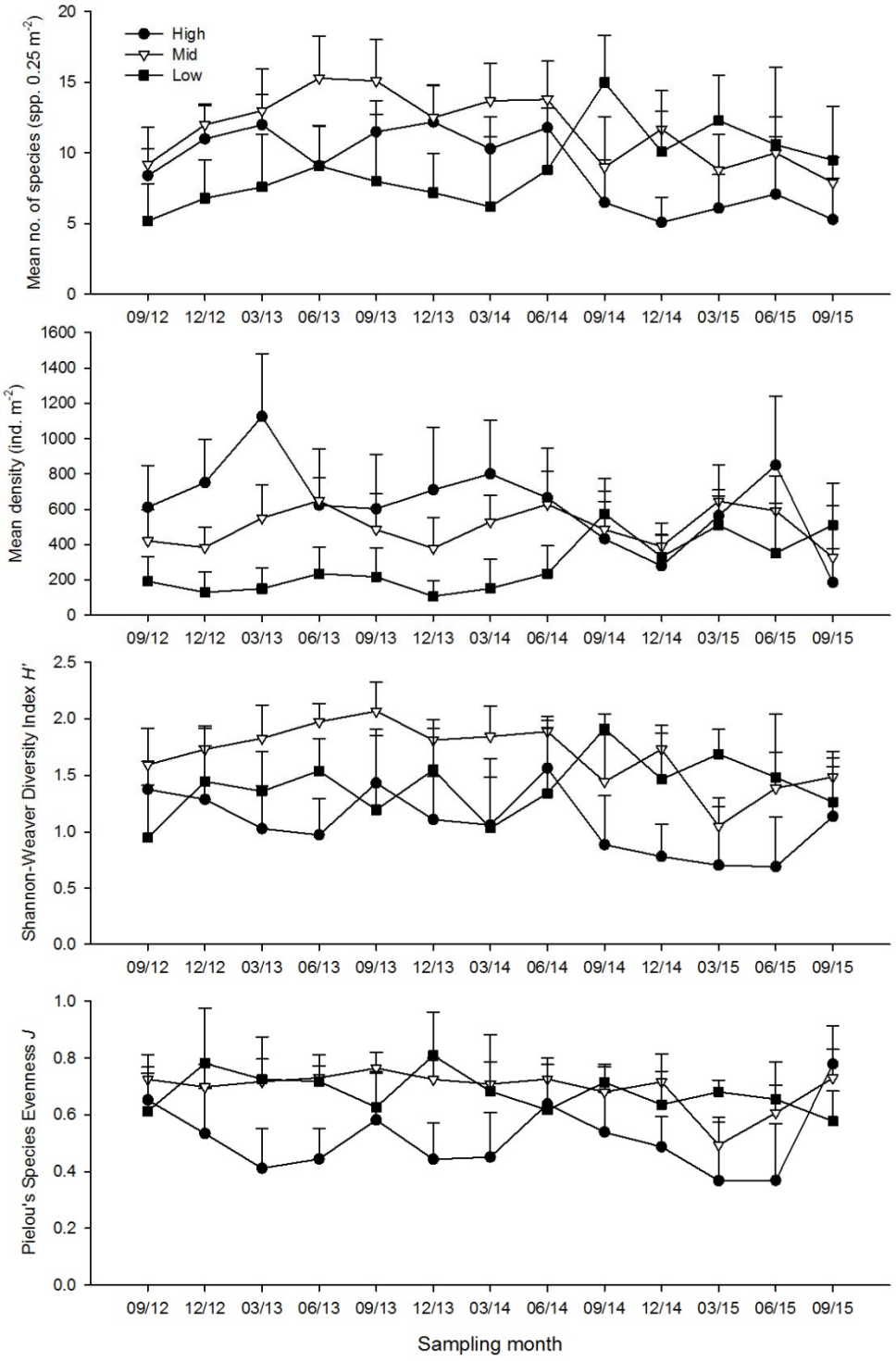


Figure 3.11. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1*

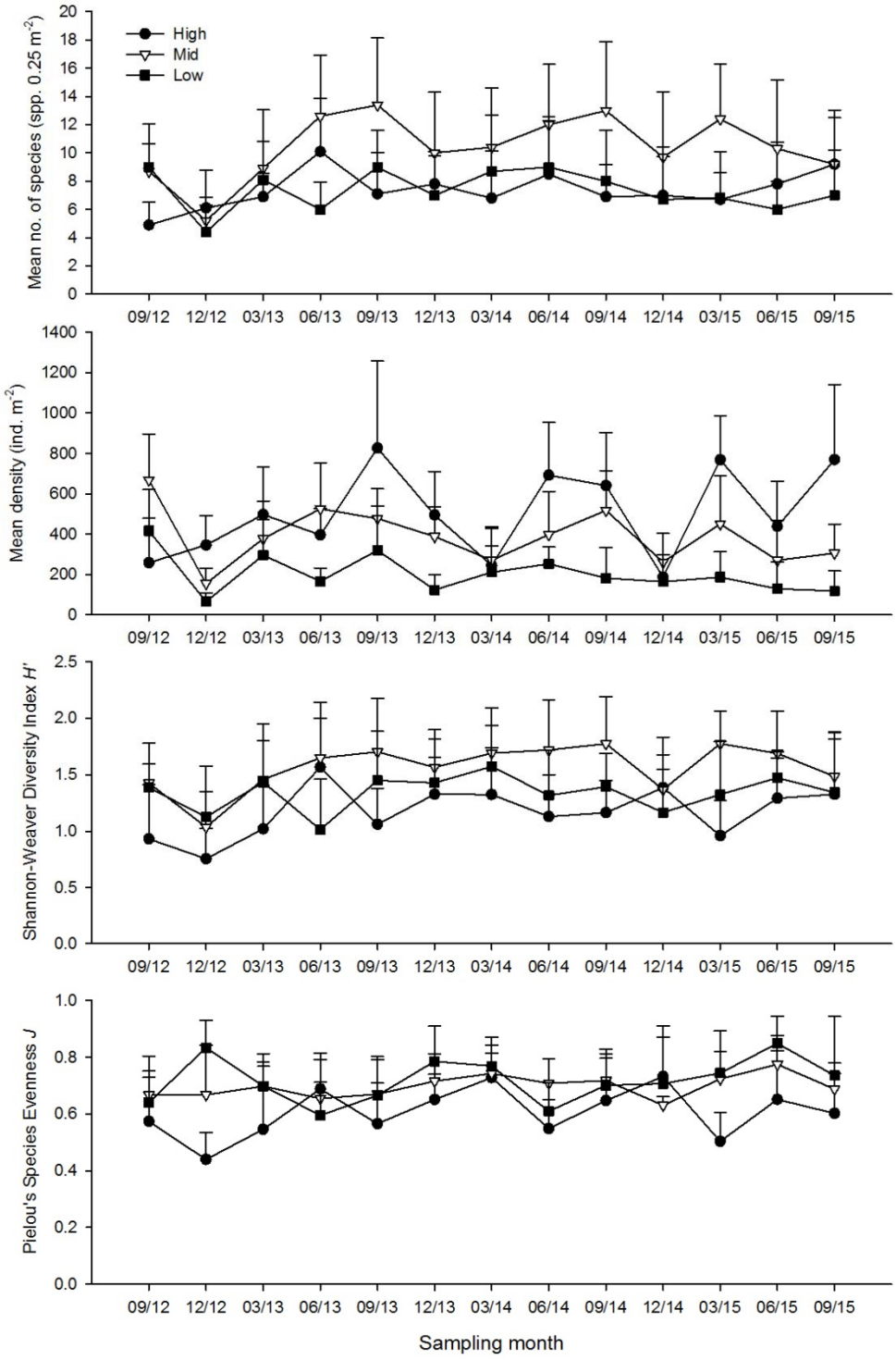


Figure 3.12. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2*

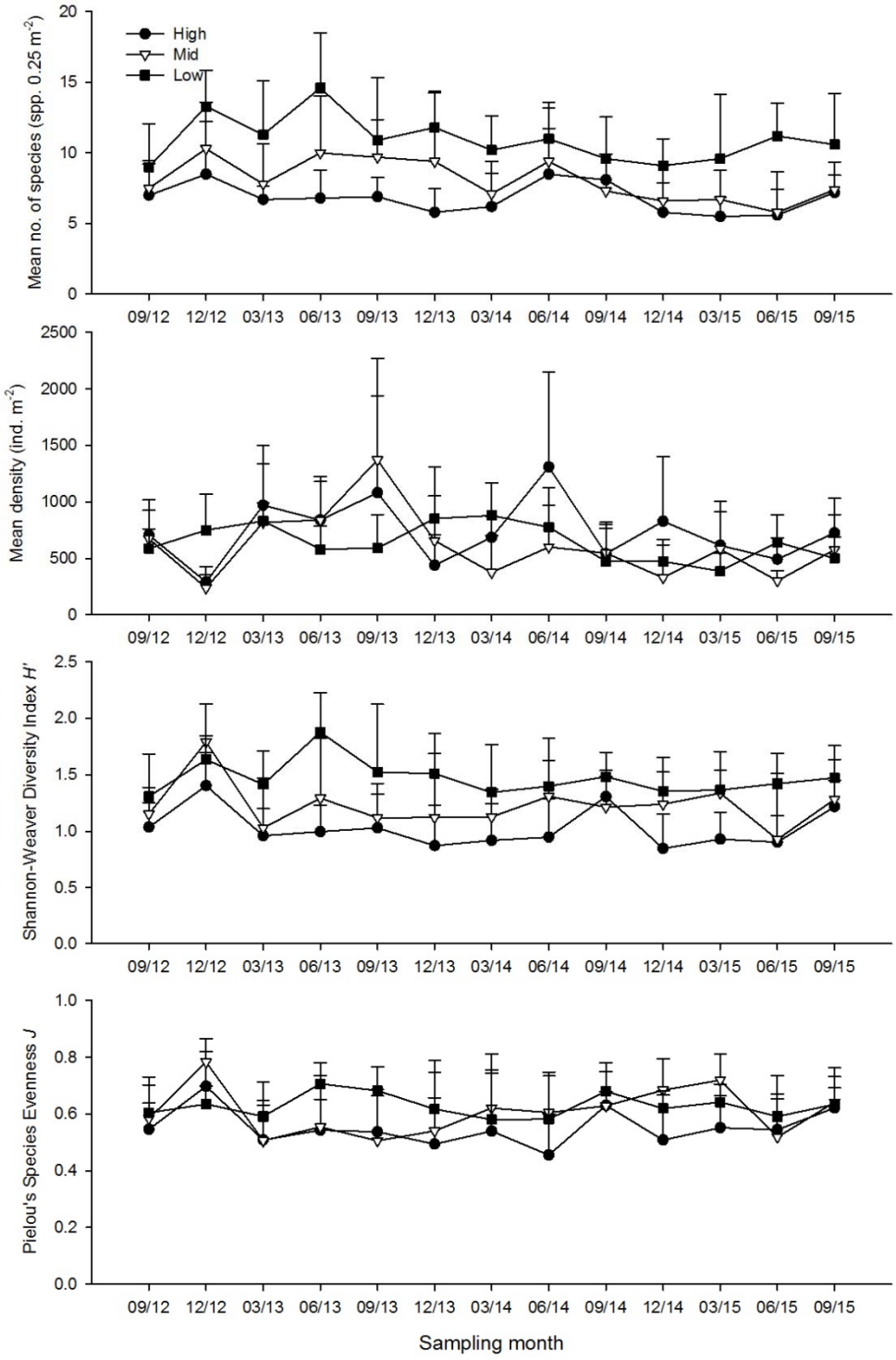


Figure 3.13. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3*

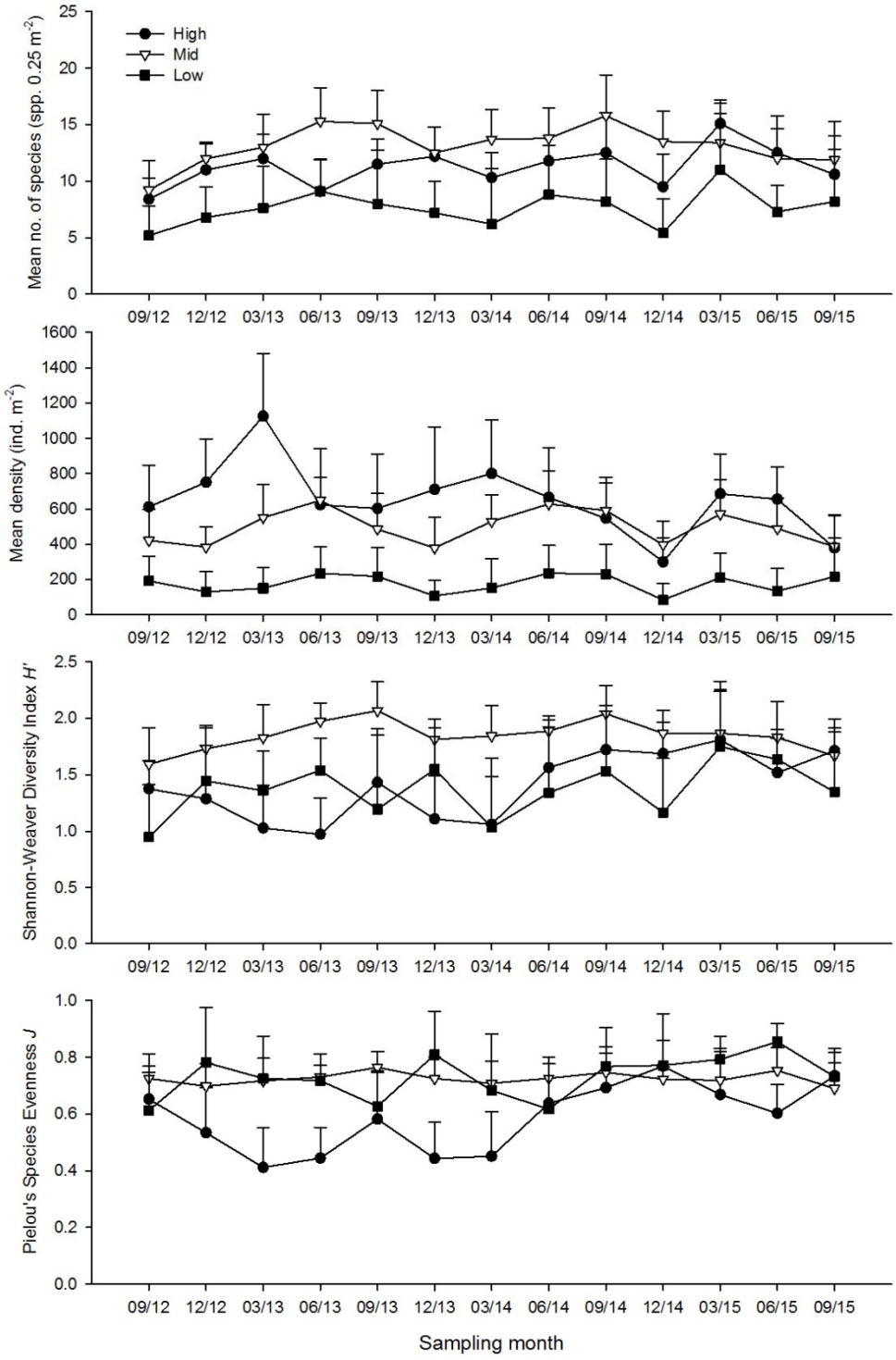


Figure 3.14. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST*

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



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

No.	Sub.	GPS coordinate		Record of prosomal width (mm)							
Sampling site TC1 (Search hour = 2 hrs)				*Carcinoscorpius rotundicauda*							*Tachypleus tridentatus*
1	S	22° 17.004' N	113° 55.992' E	30.15	33.91	36.59	36.80	36.97	37.96	38.40	
				40.70	41.90						
2	S	22° 17.005' N	113° 55.986' E	26.98	28.32	41.96					
3	S	22° 16.994' N	113° 55.987' E	25.58	28.34	34.68	35.68	35.95	37.10		
4	S	22° 17.019' N	113° 55.987' E	34.35	38.76	42.44					
5	S	22° 17.037' N	113° 56.044' E	34.08	41.53						
6	S	22° 17.045' N	113° 56.029' E	29.40							
7	S	22° 17.025' N	113° 55.978' E	26.62							
8	S	22° 17.049' N	113° 56.027' E	36.13							
9	S	22° 17.063' N	113° 56.062' E	25.69	28.85	29.57	31.38				
10	S	22° 17.090' N	113° 56.057' E	47.06	48.62	48.81	52.88				
11	M	22° 17.089' N	113° 56.044' E	43.43	50.80						
12	M	22° 17.033' N	113° 55.970' E	58.44	58.63	60.47	65.62				
13	M	22° 17.025' N	113° 55.966' E	61.11							
			No. of ind.	**41**							

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

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

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

No.	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site TC2 (Search hour = 2 hrs)				*Carcinoscorpius rotundicauda*			*Tachypleus tridentatus*
1	M	22° 16.902' N	113° 55.903' E	25.80	28.08	45.72	
2	M	22° 16.905' N	113° 55.868' E	45.20			
			No. of ind.	**4**			0

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

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

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

No.	Sub.	GPS coordinate		Record of prosomal width (mm)						
Sampling site TC3 (Search hour = 3 hrs)				*Carcinoscorpius rotundicauda*						*Tachypleus tridentatus*
1	S	22° 16.952' N	113° 55.714' E	23.06	20.51	25.78	23.60	23.98	25.97	22.23
				27.34	21.86	26.27	26.54	24.63	18.53	18.49
				26.74	25.36	21.91	21.83	24.14	26.42	24.65
				20.83	19.25	23.57	26.47	27.40		
2	S	22° 16.973' N	113° 55.655' E	28.99	26.47	27.13	28.09	26.49	18.48	29.56
				21.33	19.96	25.81	28.37	28.61	28.37	27.42
				26.70	26.91					
3	S	22° 17.014' N	113° 55.640' E	26.57	29.20	27.70	32.22	35.48	28.10	26.76
				27.70	29.38	28.36	28.61	28.35	28.12	29.63
				38.06	28.13					
4	M	22° 17.035' N	113° 55.638' E	28.25	53.35					
5	S	22° 17.000' N	113° 55.652' E	28.78	30.23	25.77	19.20	28.10	28.13	27.97
				41.66						
6	M	22° 17.055' N	113° 55.623' E	43.47	45.34					53.90
			No. of ind.	**70**						**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

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

No.	Sub.	GPS coordinate		Record of prosomal width (mm)												
Sampling site ST (Search hour = 3 hrs)				*Carcinoscorpius rotundicauda*							*Tachypleus tridentatus*					
1	S	22° 17.375' N	113° 55.477' E	19.96	21.34											
2	S	22° 17.352' N	113° 55.487' E								37.59					
3	S	22° 17.166' N	113° 55.500' E	29.97	42.49	43.93	44.86	49.42	60.01							
4	S	22° 17.156' N	113° 55.493' E	28.89	29.73	30.98	31.30	36.66	38.72	39.79						
5	S	22° 17.175' N	113° 55.480 E	39.99	26.35	36.60	37.71	35.53	38.40	38.18	30.63	39.31	41.37	41.94	52.83	57.61	65.20
				37.19	39.83	29.75	30.37	37.62	38.30	40.63	70.00						
				42.07	41.78	39.46	28.84	34.94	28.38	28.53							
				39.98													
6	S	22° 17.199' N	113° 55.480' E	39.29	42.08	44.09	39.57	42.38	28.33	41.87							
				36.98	41.16	39.73											
7	S	22° 17.211' N	113° 55.479' E	35.68	36.74	39.25	29.87	29.76	29.24	39.07							
				28.16	38.37	29.44	41.22	43.16	41.66	40.32							

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

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

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

No.	Sub.	GPS coordinate		Record of prosomal width (mm)						
Sampling site ST (Search hour = 3 hrs)				*Carcinoscorpius rotundicauda*						*Tachypleus tridentatus*
8	S	22° 17.241' N	113° 55.494' E	37.25	29.24	36.98	42.43	28.92	40.09	38.32
9	M	22° 17.289' N	113° 55.501' E	36.09	41.07	32.72	41.38	36.89		
			No. of ind.	81						9

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

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

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

Estimated area (m^2)	Estimated coverage (%)		GPS coordinate			Remark
TC1 (search hour = 2 hrs) & TC2 (search hour = 2 hrs) & TC3 (search hour = 3 hrs)						
No record						
ST (search hour = 3 hrs) *Halophila ovalis*						
32.0	10-80	Horizontal line	22º 17.193' N 22º 17.204' N	113º 55.474' E 113º 55.472' E	--	A horizontal strand of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
26.3	30	Horizontal line	22º 17.204' N 22º 17.213' N	113º 55.473' E 113º 55.474' E	--	A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
17.4	60	Horizontal line	22º 17.213' N 22º 17.219' N	113º 55.473' E 113º 55.470' E	--	A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
15.8	80	A single patch	22º 17.221' N	113º 55.475' E		A small patch of seagrass bed at 2.0m above C.D.
ST (search hour = 3 hrs) *Zostera japonica*						
26.3	20	Horizontal line	22º 17.204' N 22º 17.213' N	113º 55.473' E 113º 55.474' E	--	A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
17.4	10	Horizontal line	22º 17.213' N 22º 17.219' N	113º 55.473' E 113º 55.470' E	--	A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineridae spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Capitellidae	Capitellidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	*Maldanidae spp.*
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus erato*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca borealis*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca vocans*
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Xanthidae	*Etisus laevimanus*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Chordata	Actinopterygii	Perciformes	Gobiidae	*Periophthalmus cantonensis*
Animalia	Cnidaria	Anthozoa	Actiniaria	Diadumenidae	*Diadumene lineata*
Animalia	Echiura				Echiura spp.
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Euheterodonta	Hiatellidae	*Hiatella arctica*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atratus*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Crassostrea ariakensis*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*

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

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

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

Sep 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	*Barbatia virescens*	1																				1
Bi	*Saccostrea cucullata*	9		5		11		11		5								4				45
C	*Nanosesarma minutum*					1																1
C	*Uca borealis*													11		2		2				15
C	*Uca lactea*									1												1
G	*Batillaria multiformis*	33		24		8		26		15		2				6		3		19		136
G	*Batillaria zonalis*	2																				2
G	*Cerithidea cingulata*	60		20		14		1														95
G	*Cerithidea djadjariensis*	25		10		71		8												4		118
G	*Cerithidea rhizophorarum*	3		2		3		2		1						1						12
G	*Clithon faba*	6		1						1						2						10
G	*Littoraria articulata*	1						1				3				3		2				10
G	*Lunella coronata*	1																				1
G	*Monodonta labio*	8						4		2		2										16
G	*Nerita polita*			1																		1
Ne	Nemertea spp.									1												1
																					Total	465

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

Sep 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 virescens*	1				1												1				3
Bi	*Hiatella arctica*					1						4		1		1				4		11
Bi	*Saccostrea cucullata*	22		16		21		16		2		42		6		2		23		31		181
Bi	*Xenostrobus atratus*					2						7										9
C	*Metopograpsus latifrons*																			1		1
C	*Uca lactea*			1																		1
Eh	Echiura spp.							3								1						4
G	*Batillaria multiformis*	6		5		2		29		9		76		22		3		4		42		198
G	*Cellana toreuma*							1		1										1		3
G	*Cerithidea cingulata*	29						5										1		1		36
G	*Cerithidea djadjariensis*	3		2				8		3								4		4		24
G	*Cerithidea rhizophorarum*									5								2				7
G	*Clithon faba*							1										1				2
G	*Clithon oualaniensis*	1						1												1		3
G	*Littoraria articulata*					3				1		10		5		7		9		9		44
G	*Monodonta labio*			1		10		15		5		58		16		7		30		138		280
G	*Nassarius festivus*							1														1
G	*Nipponacmea concinna*	1														1						2
G	*Patelloida pygmaea*							2														2

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

Sep 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
Hc	*Pagurus dubius*									3												3
Ne	Nemertea spp.			1																		1
P	Nereididae spp.		1																			1
Sp	*Sipunculus nudus*	1												1								2
																					Total	819

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

Sep 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 virescens*							1												1		2
Bi	*Geloina erosa*					1																1
Bi	*Hiatella arctica*					8		13		11		1		4				1		1		39
Bi	*Saccostrea cucullata*	2		39		70		38		42		18		36		26		6		25		302
Bi	*Xenostrobus atratus*					1		9		1												11
C	*Hemigrapsus penicillatus*					1																1
C	*Metopograpsus latifrons*									1												1
C	*Nanosesarma minutum*							1		4												5
C	*Uca lactea*	6																				6
F	*Periophthalmus cantonensis*																			1		1
G	*Batillaria bornii*					3																3
G	*Batillaria multiformis*									5		15		3		4				3		30
G	*Cellana toreuma*					1				4		1		4		1		1		2		14
G	*Cerithidea cingulata*	12	3	43		1						1								2		62
G	*Cerithidea djadjariensis*	21	7	17		1				1		5						1				53
G	*Cerithidea rhizophorarum*	1		1								1										3
G	*Clithon faba*									1										1		2
G	*Clithon oualaniensis*									1												1
G	*Euchelus scaber*			1						2						1						4

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

Sep 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																2
G	*Lunella coronata*			1		7				30		3		3		7				9		60
G	*Monodonta labio*			2		40		1		150		69		71		118		91		62		604
G	*Nerita polita*											2		1						1		4
G	*Nipponacmea concinna*			3		4		4		6		3		6		10		5		7		48
G	*Patelloida pygmaea*					1				7												8
Po	*Lepidozona* sp.					3																3
Sp	*Sipunculus nudus*					6																6
																					Total	1276

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

Sep 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
Ba	*Balanus amphitrite*													3				2		3		8
Bi	*Geloina erosa*																	1				1
Bi	*Hiatella arctica*			1																2		3
Bi	*Laternula anatina*						1						1									2
Bi	*Ruditapes philippinarum*																	1		1		2
Bi	*Saccostrea cucullata*			25				59				3		18		7		30		16		158
Bi	*Xenostrobus atratus*							1										1				2
C	*Nanosesarma minutum*											5		1				3				9
C	*Uca lactea*											1		5		4		4		3		17
G	*Batillaria multiformis*			1				1		57	3	12		11		3		5		5		98
G	*Batillaria zonalis*					2				5		9	1	11		11		21		31		91
G	*Cerithidea cingulata*	11		19		28	1	45		131	4	23	1	24	1	53	2	22		28		393
G	*Cerithidea djadjariensis*	56		173		143	5	45		206	5	129		100	1	109	5	17		24		1018
G	*Cerithidea rhizophorarum*	2		8		8		9		6		4		14		14		3		8		76
G	*Lunella coronata*															1		4		3		8
G	*Monodonta labio*			3				8		1		1		2		3		3		3		24
G	*Nassarius festivus*			2		1																3
G	*Nerita polita*			1																		1
G	*Nipponacmea concinna*													1		1				1		3

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

Sep 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
P	Maldanidae spp.		3								1									1		5
																					Total	1922

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

Sep 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														7				2		10
Bi	*Barbatia virescens*	1				1				2		1				1						6
Bi	*Geloina erosa*													1								1
Bi	*Hiatella arctica*					2										1				1		4
Bi	*Saccostrea cucullata*	50		12		5		5		26		31				35				25		189
Bi	*Xenostrobus atratus*	2		7		2						2				7						20
C	*Hemigrapsus penicillatus*					1																1
C	*Macrophthalmus erato*																1					1
C	*Nanosesarma minutum*					1						1				2				1		5
C	*Uca lactea*													1								1
C	*Uca* sp.														1							1
G	*Batillaria bornii*					1				3		3				1						8
G	*Batillaria multiformis*					1						1		1		7		1				11
G	*Batillaria zonalis*					15		26				15		19		40	3	29		35		182
G	*Cellana toreuma*									1												1
G	*Cerithidea cingulata*	1		1		22	1	1				12		1		8	4	8	1			60
G	*Cerithidea djadjariensis*					21		4		3		10		1		18	6	10		2	2	77
G	*Cerithidea rhizophorarum*					2										1		2	1			6
G	*Littoraria articulata*	9		13																		22

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

Sep 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	*Lunella coronata*					4				10		1		1		6						22
G	*Monodonta labio*	31		23		3				48		1				2	1			2		111
G	*Nipponacmea concinna*											4				3						7
G	*Patelloida pygmaea*									2												2
Ne	Nemertea spp.	1																				1
P	Ampharetidae spp.														4				1			5
P	Onuphidae spp.								1													1
Sp	*Sipunculus nudus*											8							1			9
																				Total		764

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

Sep 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*			3		11		8				23				2						47
Bi	*Barbatia virescens*											2										2
Bi	*Circe* sp.				1																	1
Bi	*Hiatella arctica*											1										1
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*			5		2		5		6		41										59
Bi	*Xenostrobus atratus*											1										1
C	*Macrophthalmus erato*						1				1					1						3
C	*Nanosesarma minutum*											4								1		5
C	*Uca lactea*																			1		1
G	*Batillaria zonalis*	1		7		15		5		8		1				16		17		32		102
G	*Cerithidea cingulata*		1		1			1	1							1		1				6
G	*Cerithidea djadjariensis*	2		2	1	3	1	1		2		3				2		1		2		20
G	*Euchelus scaber*									1		3										4
G	*Lunella coronata*			2		1		2		1		10										16
G	*Nassarius festivus*					1														1		2
Hc	*Clibanarius* sp.			1																		1
Ne	Nemertea spp.																				1	1

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

Sep 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
P	Capitellidae spp.								2													2
P	Lumbrineridae spp.													1								1
P	Maldanidae spp.						1		2		2			1								6
P	Nereididae spp.						2							2							1	5
P	Onuphidae spp.						1		3		1										1	6
P	Pectinariidae spp.								1													1
Po	*Lepidozona* sp.											2										2
																				Total		296

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

Sep 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.								2						1						1	4
Bi	*Cyclina sinesis*										1											1
Bi	*Geloina erosa*							1								2		1				4
Bi	*Saccostrea cucullata*	1				1		2														4
C	*Uca lactea*	2		4		2						22		33		21		18		21	1	124
C	*Uca vocans*																		1			1
G	*Batillaria multiformis*	99	1	71	5	239	13	20		8		8		3		32		60	9	71	1	640
G	*Batillaria zonalis*					1				1		3										5
G	*Cerithidea cingulata*	50	6	19	1	21	1	58	1	39		44		15		16		20	1	28		320
G	*Cerithidea djadjariensis*	81	2	18		25		9		31	1	70		55		118		105	4	123		642
G	*Cerithidea rhizophorarum*	9		6		1		1		1		4		7		2		5		14		50
G	*Clithon oualaniensis*											1										1
G	*Nassarius festivus*							1														1
Hc	*Pagurus dubius*	1																				1
P	Ampharetidae spp.												5		1						1	7
P	Maldanidae spp.								4		1		2	1	2							10

Total 1815

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

Sep 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	*Barbatia virescens*													1								1
Bi	*Geloina erosa*									2												2
Bi	*Ruditapes philippinarum*					1																1
Bi	*Saccostrea cucullata*			2										13				1		4		20
C	*Hemigrapsus penicillatus*													1								1
C	*Nanosesarma minutum*			2										2								4
C	*Uca lactea*			1	1							9		8		2		1		4		26
G	*Batillaria multiformis*	51	7	23	1	6		4		3		1		47		39	6	71	30	69		358
G	*Batillaria zonalis*		1	4		9		8	1	11		1	1									36
G	*Cerithidea cingulata*	169	4	4		38	1	51		47	2	56	4	59		2		59	1	59		556
G	*Cerithidea djadjariensis*	45	1	10	1	17	1	35		57	2	31	3	48				56		59		366
G	*Cerithidea rhizophorarum*	3				5		2		11		5		4				4		5		39
G	*Clithon oualaniensis*	2																				2
G	*Lunella coronata*													1						1		2
G	*Monodonta labio*			4										3				2		1		10
G	*Nassarius festivus*									1												1
Ol	Marine oligochaete spp.																2					2
P	Ampharetidae spp.		1				5						4									10
P	Maldanidae spp.						2				1											3

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

Sep 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
P	Onuphidae spp.						1															1
																					Total	1441

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

Sep 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 virescens*	1		10		1		2		1										2		17
Bi	*Hiatella arctica*			1						5		1						3		2		12
Bi	*Saccostrea cucullata*	84		103		19		11				20		22		34		50		23		366
Bi	*Xenostrobus atratus*	8		16		2		1		56		5		17				4		10		119
C	*Etisus laevimanus*			1																		1
C	*Metopograpsus latifrons*	1		1		1				2												5
C	*Nanosesarma minutum*	1				1				1								1		2		6
Cn	*Diadumene lineata*													1								1
G	*Batillaria multiformis*	25		5		5		10		4				4		2				3		58
G	*Batillaria zonalis*									1												1
G	*Cellana toreuma*									7								1				8
G	*Cerithidea cingulata*									4						1		1				6
G	*Cerithidea djadjariensis*									7												7
G	*Cerithidea rhizophorarum*									6												6
G	*Euchelus scaber*									1												1
G	*Littoraia melanostoma*									1												1
G	*Littoraria articulata*	6		4		8		4		1		3		12		12		12		8		70
G	*Lunella coronata*	4		7		3		1		11		1		1		2		6		7		43

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

Sep 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	*Monodonta labio*	37		59		40		53		17		48		55		34		95		54		492
G	*Nassarius festivus*																	1				1
G	*Nerita polita*							1		1		1		1				1		2		7
G	*Nipponacmea concinna*			1						4				1		1		3		4		14
P	Nereididae spp.													1								1
P	Polynoidae spp.			1																		1
Po	*Lepidozona* sp.									1										1		2
Sp	*Sipunculus nudus*			4																		4
																				Total		1250

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

Sep 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
Bi	*Barbatia virescens*															1		2				3
Bi	*Hiatella arctica*											1								1		2
Bi	*Saccostrea cucullata*	2		23		5		18		14		18		27		20		23		51		201
Bi	*Xenostrobus atratus*			3				1						1						3		8
C	*Hemigrapsus penicillatus*	5		6				3												2		16
C	*Macrophthalmus erato*			2																		2
C	*Metopograpsus latifrons*					1																1
C	*Nanosesarma minutum*																	1		1		2
Cn	*Diadumene lineata*			3		1		2												3		9
F	*Periophthalmus cantonensis*	1																				1
G	*Batillaria bornii*									1		7		1				2				11
G	*Batillaria multiformis*	13		19		10		23		24		25		13		39		15		9		190
G	*Cellana toreuma*					1		1		5								1		11		19
G	*Cerithidea cingulata*									4												4
G	*Cerithidea djadjariensis*	1																				1
G	*Clithon faba*					3		4												1		8
G	*Clithon oualaniensis*	1		4						2		3		1				2				13
G	*Euchelus scaber*															1						1

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

Sep 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	*Littoraria articulata*	7		2		6		19		1				2		1						38
G	*Lunella coronata*									14		5		4				2		16		41
G	*Monodonta labio*	38		27		11		31		42		18		18		15		21		105		326
G	*Nerita polita*					4		2				3		1				1		1		12
G	*Nipponacmea concinna*									1				3				2		2		8
G	*Patelloida pygmaea*							1				4				5				5		15
Hc	*Pagurus dubius*									9												9
Ne	Nemertea spp.															1		1				2
P	Nereididae spp.							1														1
Pl	Platyhelminthes spp.									1												1
S	*Penaeus* sp.																	1				1
Sp	*Sipunculus nudus*													1								1
																				Total		948

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

Sep 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
Ba	*Balanus amphitrite*			1																1		2
Bi	*Barbatia virescens*									1		1						1				3
Bi	*Circe* sp.								3													3
Bi	*Hiatella arctica*	2								2				5				8		1		18
Bi	*Saccostrea cucullata*	31		4		17				13		46		22		15		38		42		228
Bi	*Xenostrobus atratus*	1		1																		2
C	*Hemigrapsus penicillatus*	1		1														1		1		4
C	*Nanosesarma minutum*	2				1						1						1		4		9
Cn	*Diadumene lineata*	1		1																1		3
F	*Periophthalmus cantonensis*			1																		1
G	*Batillaria bornii*	1										2				2		1				6
G	*Batillaria multiformis*	13		1						4		5		1		7		2		2		35
G	*Batillaria zonalis*					2		13														15
G	*Cellana toreuma*	1		9		1				9		7		1		6		3		14		51
G	*Cerithidea cingulata*			2		7			2	6				1						1		19
G	*Cerithidea djadjariensis*			4		17				1												22
G	*Cerithidea rhizophorarum*			1		2								1								4
G	*Clithon faba*															1						1
G	*Euchelus scaber*									1		1		1		3		2				8

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

Sep 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	*Littoraria articulata*																	1				1
G	*Lunella coronata*	12		13		8				15		14		17		21		13				113
G	*Monodonta labio*	73		19		1				11		37		54		43		84		40		362
G	*Nerita polita*											2						1				3
G	*Nipponacmea concinna*	5				1				1				2				7				16
G	*Patelloida pygmaea*			3						2		1				5		1		10		22
G	Peasiella spp.	1																				1
Hc	*Pagurus dubius*													1		3						4
Ne	Nemertea spp.	1				1												1				3
P	Nereididae spp.								1													1
Pl	Platyhelminthes spp.																	1				1
Po	*Lepidozona* sp.	1				1								1		1						4
																				Total		965

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

Sep 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*															2						2
Bi	*Barbatia virescens*	3		2								2				14		8		3		32
Bi	*Circe* sp.												1		2		4					7
Bi	*Crassostrea ariakensis*																	1				1
Bi	*Hiatella arctica*	3		1								1				8				4		17
Bi	*Isognomon isognomon*															2						2
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*	45		2								16				49		47		18		177
Bi	*Xenostrobus atratus*	7																				7
C	*Hemigrapsus penicillatus*																			1		1
C	*Metopograpsus latifrons*															1						1
C	*Nanosesarma minutum*	5										2				4		1		1		13
G	*Batillaria bornii*	2																		1		3
G	*Batillaria multiformis*									1				1		1						3
G	*Batillaria zonalis*			4		5		12		3				1		9						34
G	*Cellana toreuma*	1																				1
G	*Cerithidea cingulata*	1					1								1	1						4
G	*Cerithidea djadjariensis*											1					1					2
G	*Euchelus scaber*	1		12												44		7		12		76

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

Sep 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	*Lunella coronata*	16		24								4				18		10		30		102
G	*Monodonta labio*	19																1		4		24
G	*Nassarius festivus*							2						1								3
G	*Nassarius hepaticus*							2														2
G	*Nerita polita*															5						5
G	*Nipponacmea concinna*	6																				6
G	*Patelloida pygmaea*																			2		2
G	*Pisania ignea*															1						1
G	*Thais luteostoma*																			1		1
Hc	*Pagurus dubius*															1						1
P	Onuphidae spp.																1					1
Po	*Lepidozona* sp.	2		1												1		1		1		6
Sc	*Dentalium sinuosum*					1											1					2
Sp	*Sipunculus nudus*																			1		1
																				Total		541

Key for faunal groups:

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