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

Contract No. HY/2011/03

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

Quarterly EM&A Report No.6 (Dec 2013 to Feb 2014)

10 June 2014

Revision 1

Main Contractor

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

Designer

ATKINS

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Executive Summary

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

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

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

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

This is the Sixth Quarterly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 December 2013 to 28 February 2014.

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		
		December 2013	January 2014	February 2014
Air Quality	1-hr TSP	2, 6, 12, 18, 24 and 30	3, 9, 15, 21, 27 and 30	5, 7, 13, 17, 21 and 27
	24-hr TSP	AMS5: 5, 20, 23 and 27 AMS6: 5, 11, 17, 23 and 27	AMS5: 2, 9, 14, 20 and 29 AMS6: 2, 8, 14, 20, 24 and 29	4, 10, 14, 20 and 26
Noise		2, 12, 18, 24 and 30	9, 15, 21 and 30	5, 14, 17 and 27
Water Quality		2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30	1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29	1, 3, 5, 7, 10, 12, 14, 17, 19, 21, 24, 26 and 28
Chinese White Dolphin		5, 9, 13 and 19	7, 9, 21 and 23	6, 12, 14 and 20
Mudflat Monitoring (Ecology)		4, 7, 8, 18, 21 and 22	-	-
Mudflat Monitoring (Sedimentation rate)		7	-	-
Site Inspection		4, 11, 18, 24 and 31	8, 15, 22 and 28	5, 12, 19 and 28

Due to inclement weather, the dolphin monitoring was rescheduled from 17 December 2013 to 19 December 2013.

Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr- dust monitoring result on 11 December 2013 was considered invalid. The HVS was broken on 11 December 2013 and resumed normal on 20 December 2013. Therefore, the air monitoring was rescheduled from 17 December 2013 to 20 December 2013.

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

Due to malfunction of high volume sampler at AMS5 on 24 January 2014, the 24 hrs dust monitoring was cancelled on 24 January 2014. After repairing the HVS, it resumed normal on 29 January 2014.

Due to unfavourable weather on 6 January 2014, the dolphin survey was rescheduled from 6 and 8 January 2014 to 7 and 9 January 2014.

Due to the boat arrangement problem, the dolphin monitoring was rescheduled from 20 January 2014 on 21 January 2014.

Due to Chinese New Year, the water quality monitoring on 31 January 2014 was rescheduled to 1 February 2014.

Due to the inclement weather on 13 February 2014, the noise monitoring was rescheduled to 14 February 2014.

As advised by the dolphins monitoring team, the wind would be very strong on 21 February 2014. Therefore, the dolphin monitoring was rescheduled from 21 February 2014 to 20 February 2014.

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	5	1
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	11	1
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0
Dolphin Monitoring	Quarterly Analysis (December 2013 to February 2014)	1	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

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

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2013-045	27 December 2013	Noise

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2014-046	16 January 2014	Air Quality
COM-2014-048	18 January 2014	Other - Blackish mud

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.

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

1 Introduction

1.1 Basic Project Information

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

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

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

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

1.1.5 This is the Sixth Quarterly Environmental Monitoring and Audit (EM&A) report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 December 2013 to 28 February 2014.

1.2 Project Organisation

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

1.3 Construction Programme

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

1.4 Construction Works Undertaken During the Reporting Period

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

Table 1.1 Construction Activities during Reporting Period

Site Area	Description of Activities
Portion X	• Stone column installation • Filling works behind stone platform • Temporary stone platform construction • Band drains installation • Dismantling/trimming of temporary 40mm stone platform for construction of seawall • Piling Works
Portion Y	• Access shaft construction for SHT & HAT • Utility culvert excavation • Pipe piling works for Depressed Roundabout
West Portal	• Site formation • Slope protection/ stabilization (soil nailing works) • Pipe Roofing Installation and Excavation of Tunnel SHT • Tree Felling • Boulder removal/ stabilization works
Kwo Lo Wan /Airport Road	• Works for diversion of Airport Road and Kwo Lo Wan Road
Airport Express Line	• Pre-grouting and pipe piling works for AEL access shafts
Kwo Lo Wan /Airport Road /Airport Express Line	• Utilities detection • Establishment of site access • Works for east access shaft

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 trigger 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 trigger 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 Contractors carried out corrective actions. Details of site audit findings and the corrective actions during the reporting period are presented in **Appendix F**.

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

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

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

3.2 Air Quality Monitoring Results

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

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

Reporting Period	Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
December 2013	AMS5	83	22 – 172	352	500
	AMS6	80	13 – 122	360	
January 2014	AMS5	73	18 – 154	352	
	AMS6	93	53 – 284	360	
February 2014	AMS5	52	5 – 143	352	
	AMS6	63	36 – 167	360	

Table 3.2 Summary of 24-hour TSP Monitoring Results 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 ($\mu g/m^3$)
December 2013	AMS5	158	139-195	164	260
	AMS6	169	31-262	173	
January 2014	AMS5	93	42-161	164	
	AMS6	142	86-213	173	
February 2014	AMS5	64	51-88	164	
	AMS6	90	73-112	173	

3.2.2 For 1-hr TSP, no Action and Limit Level exceedances were reocorded for air during daytime on normal weekdays of the reporting period.

3.2.3 For 24-hr TSP, an Action Level exceedance was recorded at station AMS5 on 27 December 2013. An Action Level exceedance of 24-hr TSP was recorded at station AMS6 on 11, 27 December 2013, 8 and 20 January 2014. A Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013.

3.2.4 The general weather conditions at Tung Chung were foggy and haze during the dust sampling period on 11, 23, 27 December 2013, 8 and 20 January 2014. Therefore, it was considered that the exceedances were not related to the construction activities of the Contract and was caused by poor weather.

3.3 Noise Monitoring Results

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

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

Reporting period	Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)*	Range of $L_{eq\ (30\ mins)}$, dB(A)*	Action Level	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
December 2013	NMS5	59	58 – 61	When one documented complaint is received	75
January 2014		59	59 – 61		
February 2014		59	57 – 61		

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

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

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

3.4 Water Quality Monitoring Results

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

3.4.2 During the reporting period, there were eleven Action Level exceedances and one Limit Level exceedance of suspended solids level.

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

3.5 Dolphin Monitoring Results

Data Analysis

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

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

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

3.5.4 Secondly, the encounter rates were calculated using both primary and secondary survey effort collected under Beaufort 3 or below condition as in AFCD long-term monitoring study. The encounter rate of sightings and dolphins were deduced by dividing the total number of on-effort sightings and total number of dolphins (ANI) by the amount of survey effort for the entire quarterly period (December 2013 - February 2014).

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 December 2013 to February 2014, 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 869.74 km of survey effort was collected, with 93.4% 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, 329.94 km and 539.80 km of survey effort were conducted in NEL and NWL survey areas respectively.

3.5.11 The total survey effort conducted on primary lines was 640.77 km, while the effort on secondary lines was 228.97 km. The slightly reduced effort on primary line was mainly due to the second line in NEL survey area just to the east of HKBCF (i.e. line #11) being partially blocked by the silt curtain that surrounded the HKBCF reclamation site, and the research vessel were forced to travel around the edge of the expanded silt curtain for that section of the transect line rather than on a straight line. Both survey effort conducted on primary and secondary lines were considered as on-effort survey data. 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 December 2013 to February 2014, a total of 38 groups of 147 Chinese White Dolphins were sighted. All except two sightings were made during on-effort search. Thirty-two on-effort sightings were made on primary lines, while four other on-effort sightings were made on secondary lines. During this quarterly period, only

three groups of 16 dolphins were sighted in NEL (with only one group of three dolphins sighted on primary lines), while the other 35 groups of 131 dolphins were sighted in NWL. Summary table of the dolphin sightings is shown in **Annex II of Appendix J**.

Distribution

3.5.13 Distribution of dolphin sightings made during monitoring surveys in December 2013, January and February 2014 was shown in **(Figure 1 of Appendix J)**. Similar to previous quarterly periods, the majority of dolphin sightings were made in the northwestern portion of the North Lantau region. Concentration of sightings was located within the Sha Chau and Lung Kwu Chau Marine Park, and to the west of Black Point **(Figure 1 of Appendix J)**. On the other hand, a few dolphin groups were sighted near Pillar Point, and near the Brothers Islands.

3.5.14 None of the dolphin groups were sighted in the vicinity of the HKLR03 or HKBCF reclamation site **(Figure 1 of Appendix J)**. Only one dolphin sighting was made near the HKLR09 alignment, while another sighting was made very close to the reclamation site of Tuen Mun-Chek Lap Kok Link (TMCLKL) northern landfall **(Figure 1 of Appendix J).**

3.5.15 Sighting distribution of the present impact phase monitoring period (December 2013 – February 2014) was compared to the one in the baseline monitoring period (September to November 2011). During the present quarter, dolphins rarely occurred in NEL region, which was in stark contrast to their frequent occurrence around the Brothers Islands and in the vicinity of HKBCF reclamation site during the baseline period **(Figure 1 of Appendix J)**. On the other hand, dolphin occurrence in the northwestern portion of North Lantau region was largely similar between the baseline and impact phase quarters, but there appeared to be fewer dolphins occurred in the middle portion of North Lantau region where dolphins supposedly moved between their core areas around Lung Kwu Chau and the Brothers Islands **(Figure 1 of Appendix J).**

3.5.16 As the baseline monitoring period was in autumn season while the present monitoring period was in winter season, a direct comparison in dolphin distribution between the two quarterly periods of winter months in 2012-13 and 2013-14 was also made to avoid the potential bias in seasonal variation. Between the two winter periods, there were still much fewer dolphins sighted in NEL waters as well as the middle portion of North Lantau waters during the winter months of 2013-14 than the winter months of 2012-13 **(Figure 2 of Appendix J)**. In fact, both HKLR03 and HKBCF have already commenced their works since the third and first quarters of 2013 respectively, implying that dolphin usage has further declined in the central and eastern portion of North Lantau waters in winter months of 2013-14 from the previous year.

Encounter Rate

3.5.17 For the three-month study period in December 2013, January and February 2014, 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) from each of the survey areas 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 in September to November 2011 (See **Table 3.5**).

Table 3.4 Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) During three Reporting Period (Dec 2013 – Feb 2014)

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 (5 & 9 Dec 2013)	2.68	8.05
	Set 2 (13 & 19 Dec 2013)	0.00	0.00

	Set 3 (7 & 9 Jan 2014)	0.00	0.00
	Set 4 (21 & 23 Jan 2014)	0.00	0.00
	Set 5 (6 & 12 Feb 2014)	0.00	0.00
	Set 6 (14 & 20 Feb 2014)	0.00	0.00
Northwest Lantau	Set 1 (5 & 9 Dec 2013)	6.95	30.57
	Set 2 (13 & 19 Dec 2013)	6.82	27.27
	Set 3 (7 & 9 Jan 2014)	10.00	39.99
	Set 4 (21 & 23 Jan 2014)	11.84	50.33
	Set 5 (6 & 12 Feb 2014)	7.44	17.86
	Set 6 (14 & 20 Feb 2014)	6.20	29.47

Table 3.5 Comparison of Average Dolphin Encounter Rates between Reporting Period (Dec 2013 – Feb 2014) and Baseline Monitoring Period (Sep – Nov 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	0.45 ± 1.10	6.00 ± 5.05	1.34 ± 3.29	22.19 ± 26.81
Northwest Lantau	8.21 ± 2.21	9.85 ± 5.85	32.58 ± 11.21	44.66 ± 29.85

Note:
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)

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)

	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	0.88 ± 1.36
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

Note:
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.

3.5.18 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 7.00 sightings and 26.77 dolphins per 100 km of survey effort respectively, while the encounter rates of sightings (STG) and dolphins (ANI) in NEL were 0.61 sightings and 3.67 dolphins per 100 km of survey effort respectively.

3.5.19 In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact phase were only small fractions of the ones recorded in the 3-month baseline period (reductions of 92.5% and 94.0% respectively between the two periods; **Table 3.5**). Notably, dolphin occurrence in NEL in the past five quarters have also been exceptionally low when compared to the baseline period **(Table 3.6)**, which has prompted the triggering of the Event and Action Plan. In fact, the present quarter was the fifth consecutive quarter being accessed that have triggered the Action Level under the Event and Action Plan.

3.5.20 On the other hand, the average dolphin encounter rates (STG and ANI) in NWL during the present impact phase monitoring period were slightly lower (reductions of 16.6% and 27.0% respectively) than the ones recorded in the 3-month baseline period, indicating a reduced dolphin usage of this survey area during the present construction period.

3.5.21 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).

3.5.22 For the comparison between the baseline period and the present quarter (sixth quarter of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0774 and 0.1671 respectively. If the alpha value is set at 0.1, significant difference was detected between the baseline and present quarters in the dolphin encounter rates of STG, but not in the encounter rates of ANI.

3.5.23 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first six quarters of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0179 and 0.0092 respectively. If the alpha value is set at 0.1, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.24 As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in the NEL waters (especially around the Brothers Islands and Shum Shui Kok) in the present quarterly period, and such low occurrence has been consistently documented in previous quarters. This raises serious concern as the decline in dolphin usage could possibly link to the HZMB-related construction activities in NEL waters, which include the 150 hectares of habitat loss due to HKBCF reclamation, 23 hectares of habitat loss due to HKLR03 reclamation, as well as the recently commenced TMCLKL construction that involves intensive bored piling activities for the southern viaduct and further reclamation of 16.5 hectares for the northern landfall.

3.5.25 To ensure the continuous usage of NEL waters by the dolphins, every possible measure should be implemented by the contractors and relevant authorities to minimize all disturbances to the dolphins, as a future marine park around the Brothers Islands will be established in this important dolphin habitat as a compensation measure for the habitat loss resulted from the HKBCF reclamation works. Unless such declining trend can be reverted after the establishment of the Brothers Islands Marine Park, there should be a presumption against further reclamation in North Lantau waters as suggested in Hung (2013).

Group Size

3.5.26 Group size of Chinese White Dolphins ranged from 1-12 individuals per group in North Lantau region during December 2013 to February 2014. 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 3.7**.

Table 3.7 Comparison of Average Dolphin Group Sizes between Reporting Period (Dec 2013 – Feb 2014) and Baseline Monitoring Period (Sep– Nov 2011)

	Average Dolphin Group Size	
	Reporting Period	**Baseline Monitoring Period**
Overall	3.87 ± 2.84 (n = 38)	3.72 ± 3.13 (n = 66)
Northeast Lantau	5.33 ± 3.21 (n = 3)	3.18 ± 2.16 (n = 17)
Northwest Lantau	3.74 ± 2.82 (n = 35)	3.92 ± 3.40 (n = 49)

3.5.27 The average dolphin group sizes in the entire North Lantau region during December 2013 to February 2014 were slightly higher than the ones recorded in the three-month baseline period **(Table 3.7)**. Although the average group size in NEL was quite high during the present monitoring period when compared to the baseline period, the sample size of the three dolphin groups in 2013 was actually very small for such comparison.

3.5.28 Distribution of dolphins with larger group sizes during the present quarter is shown in **Figure 3 of Appendix J**, with comparison to the one in baseline period. In winter months of 2013-14, almost all larger dolphin groups were clustered at the northwestern portion of North Lantau near Sha Chau, Lung Kwu Chau and Black Point, with only one other larger dolphin group sighted near Siu Ho Wan in NEL **(Figure 3 of Appendix J)**. This distribution pattern is similar to the baseline period, except that a few more larger dolphin groups were sighted in NEL as well as around the airport platform during the baseline period. Notably, none of the larger dolphin groups were sighted near the HKLR03 reclamation site in the present monitoring period **(Figure 3 of Appendix J)**.

Habitat Use

3.5.29 From December 2013 to February 2014, the most heavily utilized habitats by Chinese White Dolphins mainly concentrated around Lung Kwu Chau, to the west of Sha Chau and Black Point **(Figures 4a and 4b of Appendix J)**. Only two grids in NEL recorded the presence of dolphins near Siu Ho Wan with moderately high dolphin densities. None of the grids near HKLR03/HKBCF reclamation sites, HKLR09 or TMCLKL alignment recorded the presence of dolphins during on-effort search in the present quarterly period.

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

3.5.31 When compared with the habitat use patterns during the baseline period, dolphin usage in NEL was noticeably much lower in the present impact monitoring period **(Figure 5 of Appendix J)**. During the baseline period, nine grids between Siu Mo To and Shum Shui Kok recorded moderately high to high dolphin densities, which was in stark contrast to the only two grids with dolphin presence during the present impact phase period **(Figure 5 of Appendix J)**. On the other hand, the density patterns between the baseline and impact phase monitoring periods were similar in NWL, except that dolphins were rarely present in the eastern portion of this region **(Figure 5 of Appendix J)**.

3.5.32 The absence of dolphins in the identified important habitats around the Brothers Islands and Shum Shui Kok in consecutive quarters in 2013-14 is of serious concern. The future Brothers Islands Marine Park will be established in this area upon the completion of HKBCF reclamation works, as an important compensation measure for the associated habitat loss. It should be

further examined whether the very low usage of dolphins would be related to the on-going HZMB-related construction works, and such diminished use would continue in this important dolphin habitat in the upcoming quarters.

Mother-calf Pairs

3.5.33 During the three-month study period, a total of one unspotted calf (UC) and nine unspotted juveniles (UJ) were sighted in NEL and NWL survey areas. These young calves comprised 6.8% of all animals sighted, which was the same percentage recorded during the baseline monitoring period (6.8%), but slightly lower than the previous quarter.

3.5.34 All except one of these young calves were present within and adjacent to the Sha Chau and Lung Kwu Chau Marine Park **(Figure 6 of Appendix J)**, and all of them were sighted within larger dolphin groups with at least five individuals. Notably, only one UJ was sighted near Siu Ho Wan in NEL, and none of the young calves were sighted in the vicinity of the HKBCF/HKLR03 reclamation sites and HKLR09/TMCLKL alignments during the present quarter **(Figure 6 of Appendix J)**.

Activities and Associations with Fishing Boats

3.5.35 A total of six dolphin sightings were associated with feeding and socializing activities during the three-month study period. The percentage of feeding activities comprised of 7.9% of the total number of dolphin sightings, which was lower than the one recorded during the baseline period (11.6%). On the contrary, the percentage of socializing activities during the present impact phase monitoring period (7.9%) was slightly higher than the one recorded during the baseline period (5.4%). Only one group of dolphins was engaged in traveling activity, and the rarity of this observed activity was similar to the baseline monitoring period and previous impact phase monitoring periods.

3.5.36 Distribution of dolphins engaged in different activities during the three-month study period is shown in **Figure 7 of Appendix J**. No apparent concentration of sightings was found for feeding activity, but all three sightings associated with socializing activities were located in the waters between Black Point and Lung Kwu Chau **(Figure 7 of Appendix J)**.

3.5.37 During the three-month period, only one of the 38 dolphin groups was found to be associated with an operating hang trawler near the western border of Hong Kong. The extremely low level of fishing boat association in the present and previous quarters was consistently found, and was likely related to the recent trawl ban being implemented in 2013 in Hong Kong waters.

Photo-identification and Individual Range Use

3.5.38 From December 2013 to February 2014, over 3,000 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.5.39 In total, 44 individuals sighted 86 times altogether were identified (see summary table in **Annex III of Appendix J** and photographs of identified individuals in **Annex IV of Appendix J**). Only 13 of these 86 re-sightings were made in NEL, which involved nine different individuals. Notably, these were the same individuals that were repeatedly sighted before in NEL throughout the HKLR03 impact phase monitoring surveys as well as in the baseline monitoring period

3.5.40 Most identified individuals were sighted only once or twice during the three-month period, with the exception of seven individuals being sighted thrice, and three individuals (EL01, NL136 and 139) being sighted four to five times. Two individuals, NL24 and NL48, were sighted six times on different survey days during the three-month period.

3.5.41 Notably, four of these 44 individuals (NL33, NL226, NL296 and WL179) were also sighted in West Lantau waters during the HKLR09 monitoring surveys during the same three-month period, showing their extensive movement between North and West Lantau regions.

3.5.42 Six well-recognized females were accompanied with their calves during their re-sightings. All of these mothers (NL33, NL93, NL98, NL123, NL202 and NL221) were frequently sighted with their calves throughout the HKLR03 impact phase monitoring period.

3.5.43 Ranging patterns of the 44 individuals identified during the three-month study period were determined by fixed kernel method, and are shown in **Annex V of Appendix J**.

3.5.44 The majority of individuals sighted in this quarter were utilizing their range use in NWL, and only a few individuals had their range extended to NEL survey area, especially around the Brothers Islands **(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.

3.5.45 For many individuals that previously utilized the Brothers Islands as their major core area of activities, they have apparently shifted their range use away from this important habitat (e.g. CH34, NL48, NL123), while others have greatly diminished their range use in NEL in the past quarters in 2013-14 (e.g. NL98, NL120, NL261), and further expanded their range use elsewhere in WL waters (e.g. NL33, NL226).

3.5.46 Such diminished or abandoned usage of NEL waters by a large number of individual dolphins coincided well with the noticeable decline in dolphin occurrence in NEL as discussed in **Sections 3.5.13 to 3.5.25**. This is of serious concern, as the Brothers Islands in NEL was once identified an important habitat for many year-round residents that focused their core area use there (Hung 2008, 2013). Therefore, the ranging pattern of individual dolphins should be continuously monitored around Lantau waters, and measures should be taken to ensure that dolphins will continue to move between NWL and NEL without any hindrance as a result of the HZMB-related construction works.

Action Level / Limit Level Exceedance

3.5.47 There was one Action Level exceedance of dolphin monitoring for the quarterly monitoring data (December 2013 – February 2014). According to the contractor's information, the marine activities undertaken for HKLR03 during the two quarterly periods (September to November 2013 and December 2013 to February 2014) included stone platform construction, reclamation, stone column installation, band drain installation and excavation of stone platform, surcharge activities, construction of seawall and geotextile tube installation works. There is no evidence showing the current AL non-compliance directly related to the construction works of HKLR03. 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.

3.5.48 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).

3.5.49 For the comparison between the baseline period and the present quarter (sixth quarter of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0774 and 0.1671 respectively. If the alpha value is set at 0.1, significant difference was detected between the baseline and present quarters in the average dolphin encounter rates of STG, but not in the encounter rates of ANI.

3.5.50 For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first six quarters of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0179 and 0.0092 respectively. If the alpha value is

set at 0.1, significant difference was detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.5.51 The AFCD monitoring data during December 2013 to February 2014 has been reviewed by the dolphin specialist, and only two groups of five dolphins were sighted from 163.31 km of survey effort on primary lines in NEL during the same quarter. This review has confirmed that the very low occurrence of dolphins reported by the HKLR03 monitoring survey in winter 2013 in NEL is accurate.

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

3.5.53 All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. The Contractor will continue to provide training to 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.

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 7 December 2013. The mudflat surface levels at the four established monitoring stations and the corresponding XYZ HK1980 GRID coordinates are presented in **Table 3.8** and **Table 3.9.**

Table 3.8 Measured Mudflat Surface Level Results

	Baseline Monitoring (September 2012)			Impact Monitoring (December 2013)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.160	816678.729	1.027
S2	810958.272	815831.531	0.864	810958.247	815831.552	0.942
S3	810716.585	815953.308	1.341	810716.612	815953.327	1.432
S4	811221.433	816151.381	0.931	811221.424	816151.385	0.981

Table 3.9 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	0.001	0.002	0.077	Within tolerance, no significant change
S2	-0.025	0.021	0.078	Within tolerance, no significant change
S3	0.027	0.019	0.091	Level continuously increased
S4	-0.009	0.004	0.050	Within tolerance, no significant change

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

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 December 2013. 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 3.10 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)
02-Dec-13	7.51	5.95	11.75	7.27	5.80	13.00
04-Dec-13	7.32	11.25	12.90	7.28	9.60	12.35
06-Dec-13	7.43	10.85	16.15	7.18	12.20	17.50
09-Dec-13	7.16	8.95	8.45	7.16	8.80	9.95
11-Dec-13	7.12	5.20	6.45	7.30	11.15	14.25
13-Dec-13	7.31	4.20	5.70	7.49	6.90	9.05
16-Dec-13	7.82	6.95	12.60	7.16	5.80	10.80
18-Dec-13	7.50	11.30	15.00	7.33	12.75	16.75
20-Dec-13	7.67	11.05	17.70	7.53	11.35	14.90
23-Dec-13	8.01	11.50	13.60	7.66	11.35	13.10
25-Dec-13	7.98	10.50	10.40	7.96	7.45	8.20
27-Dec-13	7.89	4.85	10.55	8.25	5.40	16.90
30-Dec-13	8.19	5.10	4.45	8.58	5.05	5.10
Average	7.61	8.28	11.21	7.55	8.74	12.45

Mudflat Ecology Monitoring

Sampling Zone

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

Horseshoe Crabs

3.6.7 An active search method was adopted for horseshoe crab survey at each sampling zone. The survey was undertaken by 2 specialists at each 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 was found, the species, size and inhabiting substrate, photographic record and

respective GPS coordinate were recorded with reference to Li (2008). The horseshoe crab surveys were conducted on 4th (for zones TC1 and TC2) and 18th (for zones TC3 and ST) December, 2013. The weather was cloudy, windy and very cold on both survey days.

Seagrass Beds

3.6.8 An active search method was adopted for seagrass bed survey at each sampling zone. The survey was undertaken by 2 specialists each spending within 2-3 hours in low tide period. Once seagrass bed was observed, the species, the estimated area (m^2), photographic record and respective GPS coordinate were recorded. The seagrass bed surveys were conducted on 4th (for zones TC1 and TC2) and 18th (for zones TC3 and ST) December, 2013. The weather was cloudy, windy and very cold on both survey days.

Intertidal Soft Shore Communities

3.6.9 The sandy shore of San Tau and Tung Chung Bay from the uppermost part of the shore and to the water edge was divided into three tidal zones – upper, middle and lower zones, at each sampling zone, TC1, TC2, TC3 and ST. A 100m transect was laid in each of the three tidal zones for fauna sampling.

3.6.10 At each sampling zone, three 100m horizontal transects were laid at 2.0m, 1.5m and 1.0m above C.D. Along each transect, ten random quadrats (0.5 m x 0.5m) were placed. In each quadrat, the epifauna and infauna (within the top 5cm sediment) in each quadrat were identified and their numbers/coverage percentages were recorded. One core of 10cm diameter x 20cm depth was also collected within each quadrat. The sediments of the cores were sieved with 2mm mesh-size sieve and the biota inside was identified and counted. All collected fauna were released after recording except some tiny individuals that *in-situ* identification was not feasible. These tiny individuals were collected and were identified in the laboratory. Species and abundance of biota in both cores and quadrats were reported. The intertidal soft shore community surveys were conducted in low tide period on 7th (for ST), 8th (for TC3), 21st (for TC2) and 22nd December 2013 (for TC1).

Data Analysis

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

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

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

Mudflat Ecology Monitoring Results and Conclusion

Horseshoe Crabs

3.6.12 **Figure 3.1 of Appendix O** show the changes of number of individuals, mean prosomal width and search record of horseshoe crab *Tachypleus tridentatus* at every sampling zone along the sampling months. Across the sampling months, the highest search record of *Tachypleus tridentatus* was reported at ST while the estimated age ranged 2.6–8.0 years. It indicated that ST was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). In contrast, no individual was found at TC2 except that in September 2013 (2 individuals only). It showed that TC2 was not a nursery ground for horseshoe crab. Possible factors were larger salinity change (flushed by two rivers) and higher human disturbance (closest to urban district and easily accessible by people.

3.6.13 Another less common species *Carcinoscorpius rotundicauda* was not found during the whole survey period except the survey conducted in December 2012 at ST (4 individuals). This species was believed present in ST at very low number while encounter was very rare.

3.6.14 Both number of individuals and search records declined obviously during dry season (from September to December) at TC1, TC3 and ST (**Figure. 3.1 of Appendix O**). As mentioned, the horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15 ºC). Similar results of low search record in dry seasons were reported in a previous territory-wide survey of horseshoe crab. For example, the search records at Tung Chung Wan were 0.17 individuals hr^{-1} $person^{-1}$ and 0 individual hr^{-1} $person^{-1}$ in wet season and dry season respectively (details see Li, 2008). From December to September, the search record increased along with the warmer climate at the three sampling zones.

3.6.15 **Figure 3.2 of Appendix O** shows the changes of prosomal width of horseshoe crab *Tachypleus tridentatus* at the important nursery ground ST. It was believed that most of individuals (50% records between upper and lower quartile), recorded in the dry season, had grown to a size of double in June 2013 (prosomal width increase from 10-20 mm to 30-50 mm). The individuals remained similar in size in September 2013. It indicated the major moulting period occurring between March and June. At the same time, tiny individuals (10-15 mm) were found (outliers of low value) and seasonal spawning was believed occurring there.

3.6.16 At ST, sharp increase of number of individuals was recorded from 15 individuals in March 2013 and 59 individuals in June 2013 to 94 individuals in September 2013). A personal conversation was conducted with Prof. K.S. Shin (Department of Biology and Chemistry, The City University of Hong Kong (CityU)) who was running a conservation programme of horseshoe crab in Hong Kong. His monitoring team recorded similar increase of horseshoe crab population during the wet season of this year. It was believed the suitable ambient temperature increased its conspicuousness.

3.6.17 Besides, 18 labeled individuals of *Tachypleus tridentatus* (prosomal width: 28.76-56.00 mm) were recorded in the survey of September 2013. All of them were released through a conservation programme conducted by Dr. Shin (CityU). It was a re-introduction trial of artificial bred and marked horseshoe crab juvenile at selected sites. So that the horseshoe crabs population might be restored in the natural habitat. Through a personal conversation with Dr Shin, about 100 individuals were released to ST on 20 June 2013. All these labeled individuals were not included in the results of present monitoring programme.

3.6.18 The present survey was the fifth sampling event 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 considering the factor of natural, seasonal variation, If abnormal phenomenon (e.g. very few numbers of horseshoe individuals in warm weather) is observed, it would be reported as soon as possible.

Seagrass Beds

3.6.19 **Table 3.1 and Figure 3.3** of **Appendix O** show the records of seagrass beds survey at every sampling zone. Seagrass was recorded in ST only while the most obvious patch was a long strand of *Halophila ovalis* nearby the mangrove vegetation on sandy substratum at tidal level 2m above C.D.. The estimated total area was 633.6 m^2 with vegetation coverage 90-100%. It was formed by three patches of dense seagrass close to each other. Based on previous surveys, these three patches had grown and merged as one from September 12 to June 13. In present survey, these three patches had slightly separated. Beside, flowers were observed that indicated the reproductive period of *H. ovalis* (**Figure 3.4 of Appendix O**).

3.6.20 Moreover, 15 small patches of *H. ovalis* were recorded on soft mud at tidal level between 1.0 m and 1.5 m above C.D.. The estimated area of each patch varied highly and ranged 1.0-33.9 m^2 with estimated coverage ranging 5-80%. Six of the small patches were recorded in Sep. survey while more patches were recorded in the present survey. Seasonal recruitment of *H. ovalis* was believed occurred between June and December.

3.6.21 One small patch of *Zostera japonica* was found within the long strand of *Halophila ovalis*. The estimated area was 5.4 m^2 while the estimated coverage was about 20-30%.

3.6.22 **Figure 3.5 of Appendix O** shows the changes of estimated total area of seagrass beds at ST along the sampling months. For seagrass *Halophila ovalis*, the total area and estimated coverage increased gradually. It showed that the seagrass was in scattered patches during dry season then grew and merged into single patch during wet season. Seasonal recruitment during wet season further increased the total area of seagrass. However it was doubt that the newly recruited patches of seagrass would survive the natural heat stress, predation and wave action in the next wet season.

3.6.23 For seagrass *Zostera japonica,* it was not reported in the surveys of September and December 2012. Seasonal recruitment of few patches was reported between December and March. Then the patch size increased and merged gradually with the warmer climate. However the patch size decreased sharply in September survey. The patch might not overcome the high heat stress exerted on shore between June and September 2013. The patch size increased slightly in the present survey along with the cooler dry season.

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

Intertidal Soft Shore Communities

3.6.25 **Table 3.2 and Figure 3.6** of **Appendix O** show the types of substratum along the horizontal transect at every tidal level of every sampling zone. The relative distribution of different substrata was estimated by investigating the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect.

3.6.26 The distribution of substratum types varied among tidal levels and sampling zones. At TC1, higher percentage of 'Sands' (50%) and 'Gravels and Boulders' (40%) were recorded at high tidal level.High percentage of 'Gravels and Boulders' (90%) was recorded at mid tidal level. Higher percentages of 'Sands' (50%) and 'Soft mud' (30%) were recorded at low tidal level. At TC2, high percentage of 'Sands' (80%) was recorded while the rest was 'Soft mud' (20%) at high tidal level. Higher percentages of 'Sands' (60%) and 'Gravels and Boulders' (40%) were recorded at mid tidal level. High percentage of 'Soft mud' (90%) was recorded at low tidal level. At TC3, high percentages of 'Sands' (60-70%) and 'Soft mud' (30-40%) were recorded at high and mid tidal levels. 'Gravels and Boulders' was recorded only (100%) at low tidal level. At ST, 'Gravels and Boulders' (90-100%) was the major substratum at high and mid tidal levels. Even distribution of 'Soft mud' (50%), 'Sands' (30%) and 'Gravels and Boulders' (20%) were recorded at low tidal level.

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

3.6.28 **Table 3.3 of Appendix O** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 13718 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 13369, density 446 individuals. m^{-2}, relative abundance 97.5%). The second abundant group was arthropod (total individuals: 201, density 7 individuals m^{-2}, 1.5%). Relatively other phyla were very low in abundance (≤0.6%). Similarly, the most diverse phylum were mollusks (43 taxa) followed by arthropods (12 taxa) and annelids (9 taxa). The taxa of other phyla were relatively less (≤ 2 taxon). The complete list of collected specimens is provided in **Annex III of Appendix O**.

3.6.29 **Table 3.4 of Appendix O** shows the number of individual, relative abundance and density of each phylum at every sampling zone. The results were similar among the four sampling zones. In general, mollusks were the most dominant phylum (no. of individuals: 2419-4759 individuals., relative abundance 96.1-98.3%). Arthropods were the second abundant phylum (no. of individuals: 23-64 individuals, 0.8-2.0%) although the number of individuals was significantly lower than that of mollusks. Relatively, other phyla were very low in abundance across the four sampling zones (< 1%) except the annelids at TC2 (no. of individuals: 40 individuals, relative abundance 1.6%).

3.6.30 **Table 3.5 of Appendix O** lists the abundant species (relative abundance >10%) at every sampling zone. At TC1, gastropod *Batillaria multiformis* was clearly the most abundant at high and mid tidal levels (327-382 individuals. m^{-2}, relative abundance 59-79%). Rock oyster *Saccostrea cucullata* was at moderate abundance at mid and low tidal levels (97-123 individuals. m^{-2}, 19-36%). Gastropod *Monodonta labio* (73 individuals. m^{-2}, 11%) was the third abundant at mid tidal level. At low tidal level, gastropods *Batillaria zonalis* (38 individuals m^{-2}, 14%), *Lunella coronate* (29 individuals m^{-2}, 11%) and bivalve *Xenostrobus atrata* (30 individuals m^{-2}, 11%) were commonly occurring species at low-moderate abundances.

3.6.31 At TC2, gastropods *Cerithidea djadjariensis* (192 individuals m^{-2}, relative abundance 39%) and *Batillaria multiformis* (147 individuals m^{-2}, 30%) were highly abundant at high tidal level followed by other less abundant gastropods *Cerithidea cingulata* (66 individuals m^{-2}, 13%) and *Batillaria zonalis* (50 individuals m^{-2}, 10%). At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (124 individuals m^{-2}, 32%) followed by less abundant gastropods *Cerithidea djadjariensis* (72 individuals m^{-2}, 19%) and *Batillaria zonalis* (58 individuals m^{-2}, 15%). At low tidal level, gastropods *Batillaria zonalis* (35 individuals m^{-2}, 28%), *Cerithidea djadjariensis* (30 individuals m^{-2}, 24%) and rock oyster *Saccostrea cucullata* (23 individuals m^{-2}, 18%) were three commonly occurring species at low abundances.

3.6.32 At ST, gastropod *Batillaria multiformis* was highly abundant (522 individuals m^{-2}, relative abundance 73%) at high tidal level followed by gastropod *Monodonta labio* (74 individuals m^{-2}, 10%). At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (143 individuals m^{-2}, 38%) while other less abundant taxa were gastropods *Batillaria multiformis* (54 individuals m^{-2}, 14%), *Monodonta labio* (46 individuals m^{-2}, 12%) and *Lunella coronata* (40 individuals m^{-2}, 10%). At low tidal level, the abundant taxa, gastropod *Batillaria zonalis* (32 individuals m^{-2}, 29%) and rock oyster *Saccostrea cucullata* (24 individuals m^{-2}, 22%) were much lower in abundances.

3.6.33 There was no consistent zonation pattern of species distribution observed across sampling zones and tidal levels in Tung Chung Wan and San Tau. The species distribution should be determined by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (6247 individuals, 46%) and *Cerithidea djadjariensis* (1646 individuals, 12%) were the most common occurring species on sandy substratum mainly among the four sampling zones. Moreover rock oyster *Saccostrea cucullata* (2035 individuals, 15%) and gastropod *Monodonta labio* (956 individuals, 7%) were commonly occurring species inhabiting gravel and boulders substratum.

3.6.34 **Table 3.6 of Appendix O** shows the mean values of number of species, density, *H'* and *J* of soft shore communities at every tidal level and sampling zone. Among the sampling zones, the mean number of species was generally similar (5-13 spp. 0.25 m^{-2}). The mean densities of TC3 (439-852 individuals m^{-2}) was generally higher than that of TC1 (272-652 individuals m^{-2}) followed by TC2 (124-495 individuals m^{-2}) and ST (107-710 individuals m^{-2}). The mean biodiversity index was similar and ranged 1.17-1.49. The species evenness at TC2 (0.72) was generally higher than that at other sampling zones (0.55-0.66).

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

3.6.36 **Figure 3.7 of Appendix O** shows the temporal changes of number of species, density, *H'* and *J* at every tidal level and sampling zone since the baseline monitoring survey (Sep 2012). No significant temporal change of any biological parameters was observed at all sampling zones. Although declined densities were observed during dry season (December), it was believed a natural, seasonal variation due to higher mortality and lower activity rate of intertidal fauna during cold, dry season. The densities of both sampling zones had increased along with the hot, wet season.

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

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 followed:

Air Quality

4.1.2 For 1-hour TSP, no Action and Limit Level exceedances were recorded at AMS5 and AMS6 during this reporting period. For 24-hour TSP, an Action Level exceedance was recorded at station AMS5 on 27 December 2013. An Action Level exceedance of 24-hr TSP were recorded at station AMS6 on 11, 27 December 2013 and 8, 20 January 2014. A Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013.

Noise

4.1.3 No Action and Limit Level exceedances for noise were recorded during this reporting period.

Water Quality

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

Dolphin

4.1.5 There was one Action Level exceedance of dolphin monitoring for the quarterly monitoring data (December 2013 – February 2014). According to the contractor's information, the marine activities undertaken for HKLR03 during the two quarterly periods (September to November 2013 and December 2013 to February 2014) included stone platform construction, reclamation, stone column installation, band drain installation and excavation of stone platform, surcharge activities, construction of seawall and geotextile tube installation works.

4.1.6 There is no evidence showing the current AL non-compliance directly related to the construction works of HKLR03. 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.

4.1.7 All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. The Contractor will continue to provide training to 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.

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	--	--	--	--	--	--	--	10 Jan 2014	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	--	--	--	--	--	27 Dec 2013	06 Dec 2013	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	20 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--		--	--	20 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	18 Dec 2013 06 Jan 2014	0	2
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	16 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR3	Action Level	--	--	--	--	--	--	--	03 Jan 2014	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR4	Action Level	--	--	--	--		--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	03 Jan 2014	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	06 Dec 2013	0	1
SR10B	Action Level	--	--	--	--	--	--	--	06 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	1	10	11**	
	Limit	0	0	0	0	0	0	0	1	1**	

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

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

4.2.1 There were three environmental complaints received during this reporting period. 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. The summary of environmental complaints is presented in **Table 4.2**. The details of environmental complaints are presented in **Appendix N**.

Table 4.2 Summary of Environmental Complaints for the Reporting Period

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2013-045	27 December 2013	Noise
COM-2014-046	16 January 2014	Air Quality
COM-2014-048	18 January 2014	Other - Blackish mud

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 clean up the oil on ground at S16.
- The Contractor was reminded to reduce the load for the chemical containers at S16.
- The Contractor was reminded to provide a drip tray for the oil container at S16.
- The Contractor was reminded to provide well maintenance for the silt curtains at Portion X.
- The Contractor was reminded to provide a drip tray for the oil container at Chung Shang 1003.
- The Contractor was reminded to provide a drip tray for the oil container at S15.
- The Contractor was reminded to remove the materials on the top of the oil containers at S15.
- The Contractor was reminded to provide a drip tray for the oil container at S17.
- The Contractor was reminded to provide a drip tray for chemical containers at S23.
- The Contractor was reminded to provide drip trays for the chemical containers at YM01.
- The Contractor was reminded to provide drip trays for the chemical containers at N13.
- The Contractor was reminded to clean up the stagnant water inside the I-beams at S15.
- The Contractor was reminded to clean up the stagnant water inside the drip tray at S16.
- The Contractor was reminded to clean up the stagnant water inside the drip tray at WA03.
- The Contractor was reminded to spray water regularly on dry area at WA04.
- The Contractor was reminded to spray water for the excavation activities at N1.
- The Contractor was reminded to clean up the fill materials on the passage way of Barge Tak Ming.
- The Contractor was reminded to provide drip trays for the oil containers at N1.
- The Contractor was reminded to provide the water spray for the pilling activity at S11 to prevent fugitive emissions.
- The Contractor was reminded to provide sufficient drip trays for the chemical containers at S15.
- The Contractor was reminded to strengthen dust control measures at haul road.
- The Contractor was reminded to provide adequate dust control measures for stockpile of construction materials.
- The Contractor was reminded to seal the drain hole at the drip tray and clear oil leakage.
- The Contractor was reminded to clean up the fill materials on storage platform to prevent washing away of fill materials into the sea.
- The Contractor was reminded to cover the cement bags entirely by impervious sheeting or placed them in an area sheltered on the top and three sides at N1.
- The Contractor was reminded to clean up the fill materials on passage way of vessel and provide canvas as the gap between vessels when loading materials at S7.

- The Contractor was reminded to clean up the stagnant water at S8.
- The Contractor was reminded to remove all construction materials inside the drip tray at S8.
- The Contractor was reminded to clean up the oil leakage at S8.
- The Contractor was reminded to provide drip trays for the oil containers at S11.
- The Contractor was reminded to provide drip trays for the chemical containers at WA03.
- The Contractor was reminded to water the unpaved road regularly to avoid dust generation at S16.
- The Contractor was reminded to cover the dusty materials entirely by impervious sheeting at WA4.
- The Contractor was reminded to spray water when drilling work was undertaking at N13.
- The Contractor was reminded to cover the cement bags entirely by impervious sheeting at S23.
- The Contractor was reminded to provide drip trays for the oil containers at N4.
- The Contractor was reminded to provide drip trays for the chemical containers at N13.
- The Contractor was reminded to provide a drip tray for the oil containers at S11.
- The Contractor was reminded to provide proper cover for cement bags at S8/S9.
- The Contractor was reminded to spray water or provide proper cover for the sand stockpiles at N1.
- The Contractor was reminded to spray water or provide proper cover for the sand stockpiles at S8/S9.
- The Contractor was reminded to provide maintenance for the silt curtains at Portion X.
- The Contractor was reminded to provide sufficient drip trays for chemical containers at S19.
- The Contractor was reminded to remove stagnant water to avoid mosquito breeding.
- The Contractor was reminded to clean up the stagnant water which inside the drip tray at N4.
- The Contractor was reminded to remove the excess fill materials on the passage way of vessel at S7.
- The Contractor was reminded to provide a properly cover for dusty materials at WA04.
- The Contractor was reminded provide the drip tray for chemical container at S11.
- The Contractor was reminded to provide a properly canvas between the vessel Tak Ming and sand pump platform.
- The Contractor was reminded to clean up the sand on plastic bucket and avoid dropping sand into the sea when sand is being transferred between barges.
- The Contractor was reminded to provide a drip tray for chemical and oil containers at N18.
- The Contractor was reminded to clean up the oil leakage inside the wheel washing bay at S8.
- The Contractor was reminded provide a drip tray for oil containers at S16.
- The Contractor was reminded to clean up the excess fill materials on the passage way of Chun Ming 68 at S7.

- The Contractor was reminded to clean up the oil leakage under the generator at S19.
- The Contractor was reminded to clean up the rubbish under the generator at S19.
- The Contractor was reminded to provide drip trays for the oil container and chemical containers at S25.
- The Contractor was reminded clean up the oil leakage on the road surface at S23.
- The Contractor was reminded clean up the stagnant water on the concrete slab at S25.
- The Contractor was reminded to provide water spray more frequently at N4.
- The Contractor was reminded to clean up the oily film at N1.
- The Contractor was reminded to provide a plug to block the drain hole of drip tray to avoid oil spillage at S23.
- The Contractor was reminded to clean up stagnant water and provide a plug to the drip tray at S23.

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 Sixth Quarterly EM&A Report which summarises the monitoring results and audit findings of the EM&A programme during the reporting period from 1 December 2013 to 28 February 2014.

Air Quality

5.3.2 For air quality, there were no Action and Limit Level exceedances for 1-hr TSP recorded during this reporting period

5.3.3 For 24-hour TSP, an Action Level exceedance was recorded at station AMS5 on 27 December 2013. An Action Level exceedance of 24-hr TSP was recorded at station AMS6 on 11, 27 December 2013 and 8, 20 January 2014. A Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013.

Noise

5.3.4 For construction noise, there were no Action Level and Limit Level exceedances during the reporting period.

Water Quality

5.3.5 During the reporting period, there were eleven Action Level exceedances and one Limit Level exceedance of suspended solids level.

Dolphin

5.3.6 There was one Action Level exceedance of dolphin monitoring for the quarterly monitoring data (December 2013 – February 2014).

5.3.7 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.

5.3.8 Although the 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, and many individuals have shifted away from the important habitat around the Brothers Islands.

5.3.9 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

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

5.3.11 Impact water quality monitoring in San Tau (monitoring station SR3) was conducted in December 2013. The monitoring parameters included dissolved oxygen, turbidity and suspended solids.

Mudflat - Ecology

5.3.12 An active search method was adopted for horseshoe crab survey at each sampling zone. In general, horseshoe crab *Tachypleus tridentatus* was found at TC1, TC3 and ST. All individuals were found on soft mud, sandy substratum or sandy substratum surrounded by small gravels. Grouping was observed while the group size ranged 2-11 individuals. In contrast, no individual was found at TC2 except that in September 2013 (2 individuals only). It showed that TC2 was not a nursery ground for horseshoes crab. In the December 2013 survey, both number of individuals nd search records declined obviously during dry season

(from September to December) at TC1, TC3 and ST. As mentioned, the horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15°C). Similar results of low search record in dry seasons were reported in a previous territory-wide survey of horseshoe crab. For example, the search records at Tung Chung Wan were 0.17 individuals hr^{-1} $person^{-1}$ and 0 individual hr^{-1} in wet season and dry season respectively. From December to September, the search record increased along with the warmer climate at the three sampling zones.

5.3.13 Another less common species *Carcinoscorpius rotundicauda* was not found during the whole survey period except the survey conducted in December 2012 at ST (4 individuals). This species was believed present in ST at very low number while encounter was very rare.

5.3.14 An active search method was adopted for seagrass bed survey at each sampling zone. Seagrass was recorded in ST only while the most obvious patch was a long strand of *Halophila ovalis* nearby the mangrove vegetation on sandy substratum at tidal level 2m above C.D.. The estimated total area was 633.6 m^2 with vegetation coverage 90-100%. It was formed by three patches of dense seagrass close to each other. Based on previous surveys, these three patches had grown and merged as one from September 12 to June 13. In present survey, these three patches had slightly separated. Beside, flowers were observed that indicated the reproductive period of *H. ovalis*. Moreover, 15 small patches of *H. ovalis* were recorded on soft mud at tidal level between 1.0 m and 1.5 m above C.D.. The estimated area of each patch varied highly and ranged 1.0-33.9 m^2 with estimated coverage ranging 5-80%. Six of the small patches were recorded in September survey while more patches were recorded in the present survey. Seasonal recruitment of *H. ovalis* was believed occurred between June and December. One small patch of *Zostera japonica* was found within the long strand of *Halophila ovalis*. The estimated area was 5.4 m^2 while the estimated coverage was about 20-30%.

5.3.15 The intertidal soft shore community surveys were conducted in low tide period on 7th (for ST), 8th (for TC3), 21st (for TC2) and 22nd December 2013 (for TC1). A total of 13718 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 13369, density 446 individuals m^{-2}, relative abundance 97.5%). The second abundant group was arthropod (total individuals: 201, density 7 individuals m^{-2}, 1.5 %). Relatively other phyla were very low in abundance (≤0.6%). Similarly, the most diverse phylum were mollusks (43 taxa) followed by arthropods (12 taxa) and annelids (9 taxa). The taxa of other phyla were relatively less (≤2 taxon).

5.3.16 There was no consistent zonation pattern of species distribution observed across sampling zones and tidal levels in Tung Chung Wan and San Tau. The species distribution should be determined by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (6247 individuals, 46%) and *Cerithidea djadjariensis* (1646 individuals, 12%) were the most common occurring species on sandy substratum mainly among the four sampling zones. Moreover rock oyster *Saccostrea cucullata* (2035 individuals, 15%) and gastropod *Monodonta labio* (956 individuals, 7%) were commonly occurring species inhabiting gravel and boulders substratum.

5.3.17 The December 2013 survey was the fifth time of sampling of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project were not detected on horseshoe crabs, seagrass and intertidal soft shore community.

Environmental Site inspection and Audit

5.3.18 Environmental site inspection was carried out on 4, 11, 18 and 24 December 2013, 8, 15, 22 and 28 January 2014, and 5, 12, 19 and 28 February 2014. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

5.3.19 There were three environmental complaints received during this reporting period.

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

FIGURES

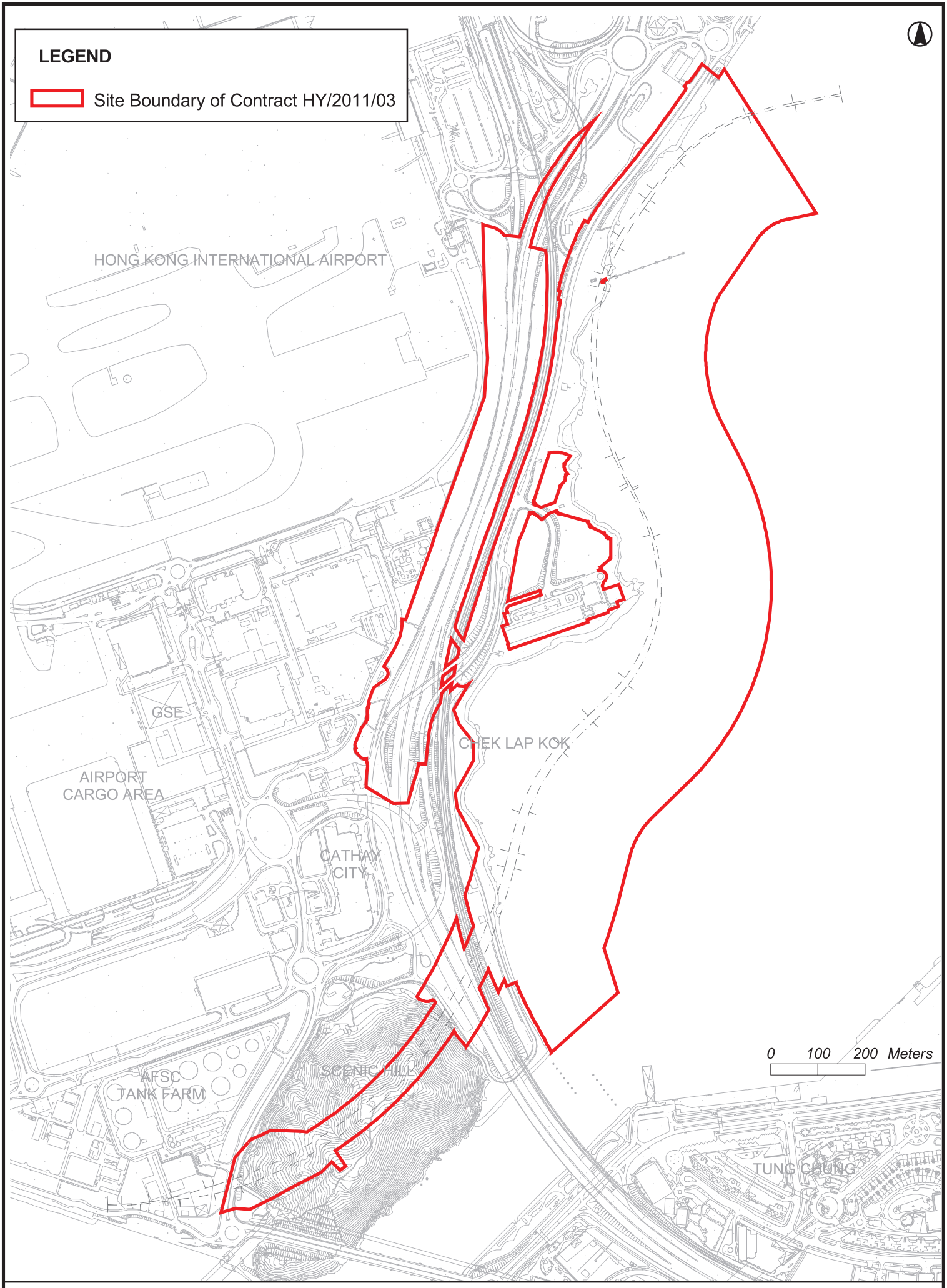
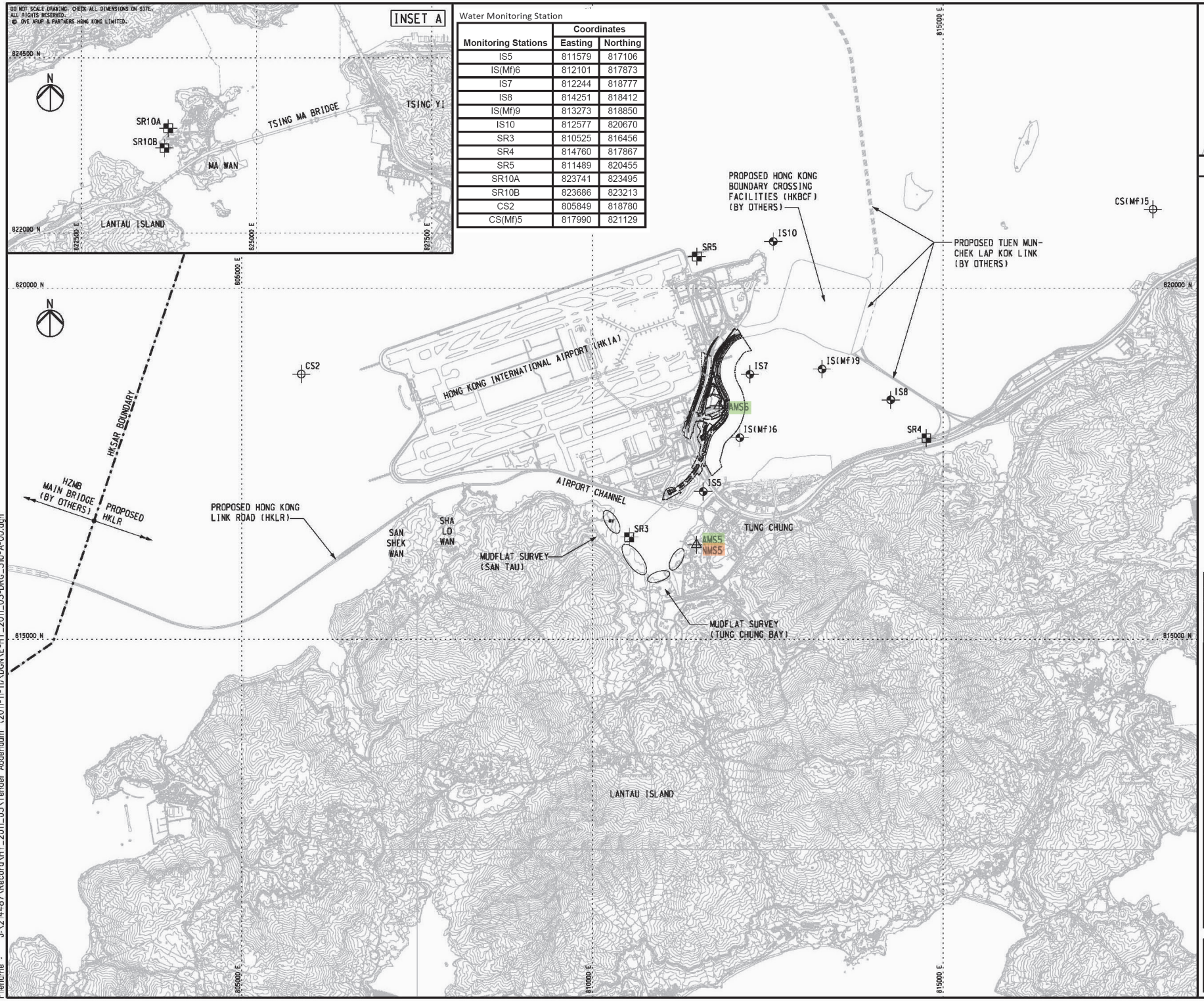
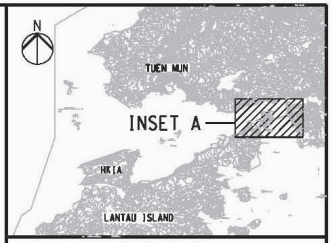


Figure 1.1 Location of the Site

Water Monitoring Station

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





KEY PLAN

NOTES

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

LEGEND

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

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

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

ENVIRONMENTAL MONITORING STATIONS

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

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

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

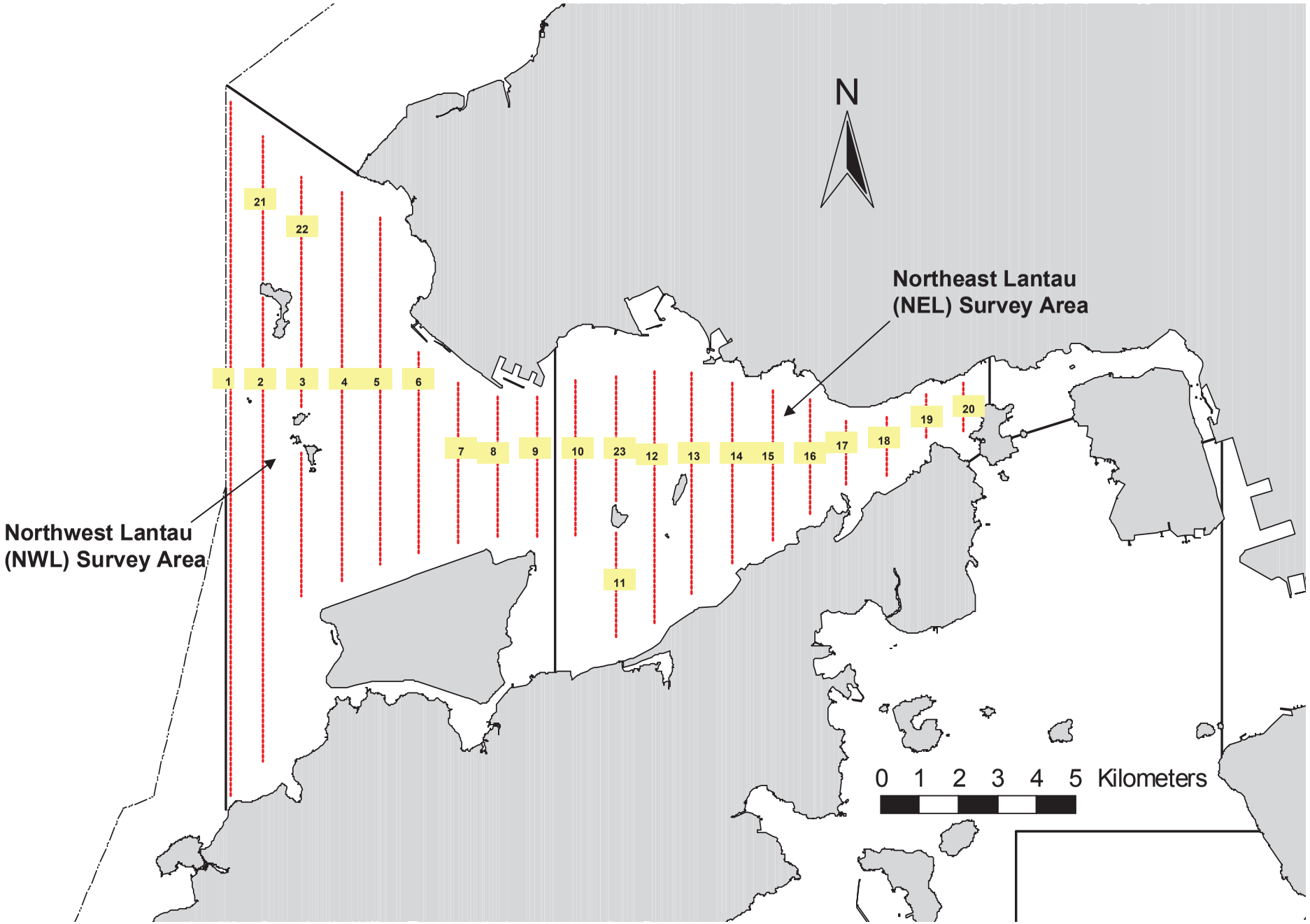


Figure 2.2 Transect Line Layout in Northwest and Northeast Lantau Survey Areas

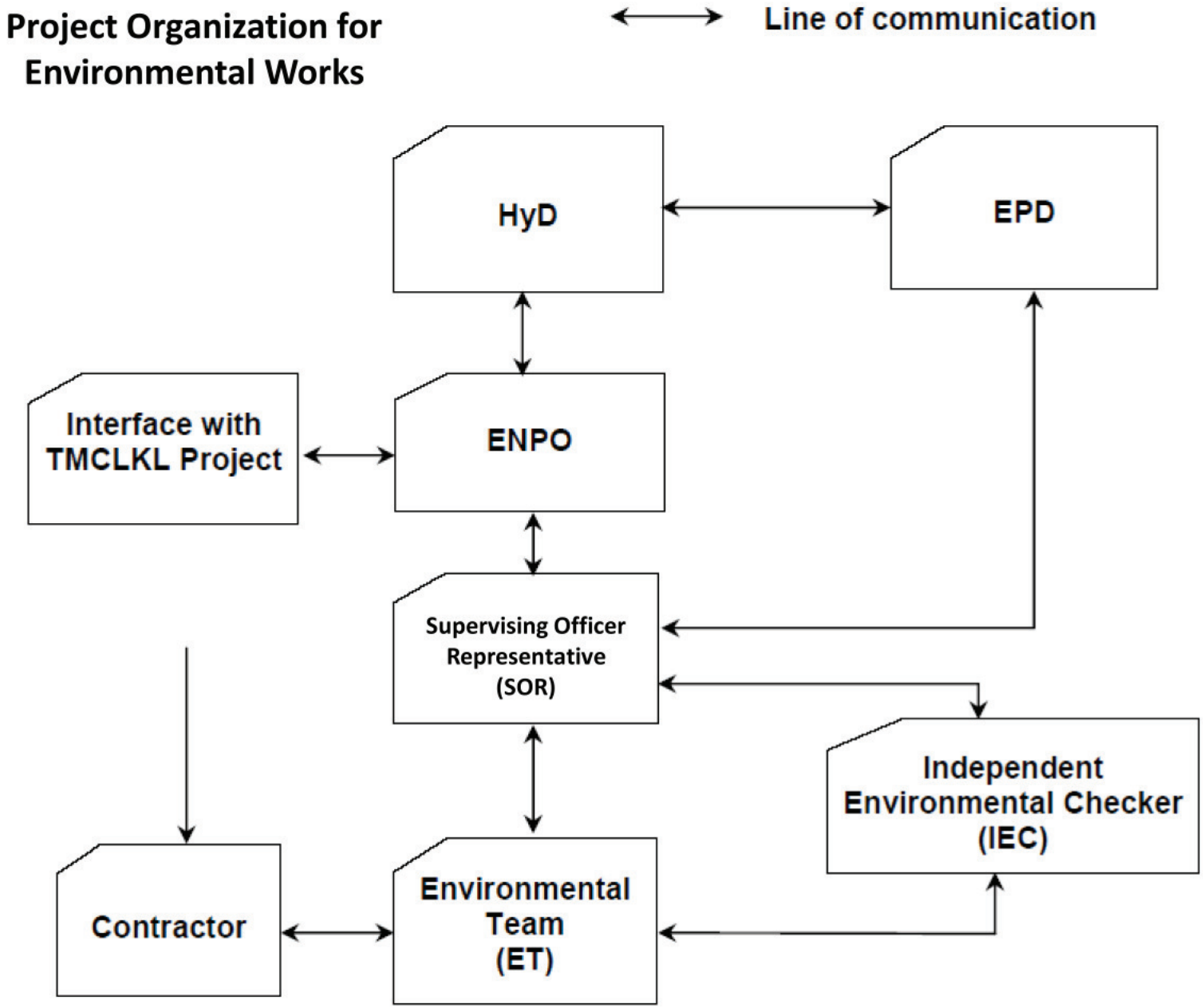
APPENDIX A

Environmental Management Structure

Contact Information of Key Personnel

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

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M19 (Rev.00)

Sheet 1 of 3

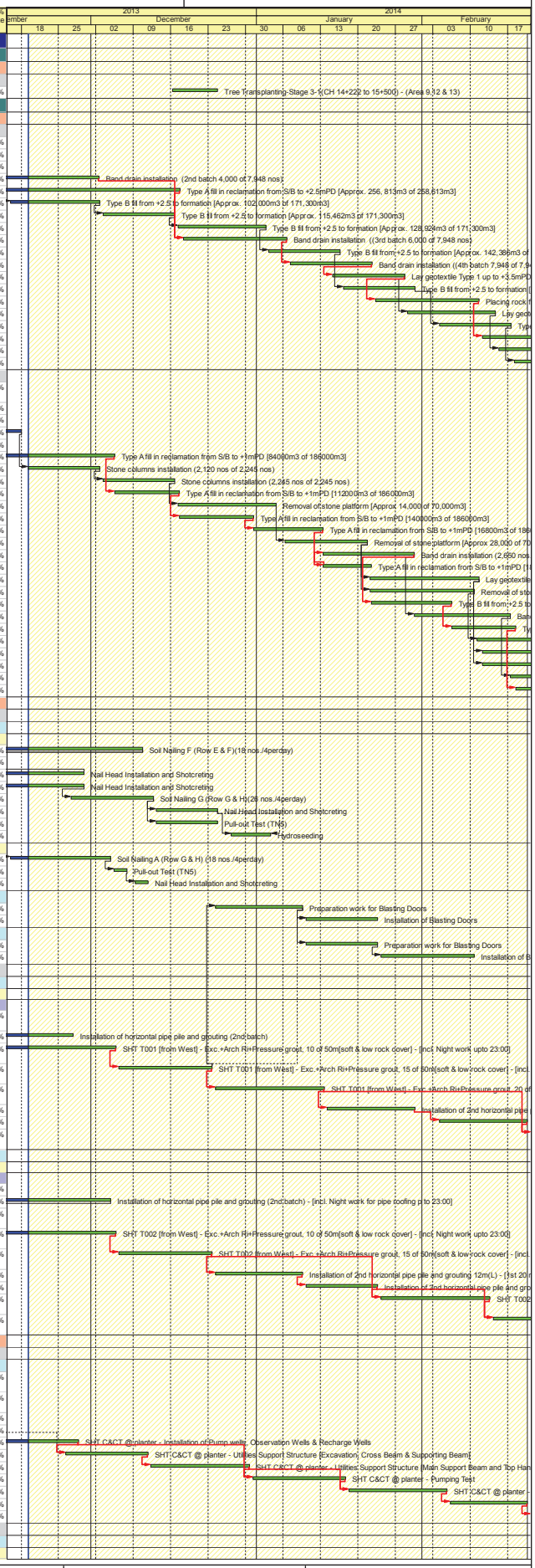
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(December 2013 to February 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M19)

TASK filters: 3M19, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (Dec 2013 to Feb 2014)(Rev0) Working File					
PRELIMINARIES (Site Establishment, Submissions, Permits & Licenses, Procurement)					
Site Estabalishment & Initial Works					
Tree Survey, Tree Felling and Transplanting					
GPS1810	Tree Transplanting-Stage 3-1(CH 14+222 to 15+500) - (Area 9,12 & 13)	8d	16-Dec-13 08*	24-Dec-13 18	0%
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)					
Reclamation Works					
Reclamation Works - SWCH0+000 to SWCH 0+570					
RSC1012-1	Band drain installation (1st batch 2,000 of 7,948 nos)	14d	28-May-13 00 A	08-Oct-13 00 A	100%
RSC1013-2	Type B fill from +2.5 to formation [Approx. 68,000m3 of 171,300m3]	12d	15-Sep-13 00 A	15-Nov-13 00 A	100%
RSC1010-9	Type A fill in reclamation from S/B to +2.5mPD [Approx. 193, 684m3 of 258,613m3]	14d	16-Sep-13 00 A	07-Oct-13 00 A	100%
RSC1012-2	Band drain installation (2nd batch 4,000 of 7,948 nos)	14d	08-Oct-13 00 A	02-Dec-13 13	36%
RSC1010-10	Type A fill in reclamation from S/B to +2.5mPD [Approx. 256, 813m3 of 258,613m3]	14d	08-Oct-13 08 A	17-Dec-13 18	51%
RSC1013-3	Type B fill from +2.5 to formation [Approx. 102,000m3 of 171,300m3]	12d	16-Nov-13 00 A	02-Dec-13 18	65%
RSC1013-4	Type B fill from +2.5 to formation [Approx. 115,462m3 of 171,300m3]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1013-5	Type B fill from +2.5 to formation [Approx. 128,924m3 of 171,300m3]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1012-3	Band drain installation ((3rd batch 6,000 of 7,948 nos)	14d	18-Dec-13 08	06-Jan-14 18	0%
RSC1013-6	Type B fill from +2.5 to formation [Approx. 142,386m3 of 171,300m3]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1012-4	Band drain installation ((4th batch 7,948 of 7,948 nos)	14d	07-Jan-14 08	22-Jan-14 18	0%
RSC1015-1	Lay geotextile Type 1 up to +3.5mPD	12d	15-Jan-14 08	28-Jan-14 18	0%
RSC1013-7	Type B fill from +2.5 to formation [Approx. 155,848m3 of 171,300m3]	12d	17-Jan-14 08	30-Jan-14 18	0%
RSC1016-1	Placing rock fill core upto +3.5mPD	14d	23-Jan-14 08	11-Feb-14 18	0%
RSC1015-2	Lay geotextile Type 1 up to +3.5mPD	12d	29-Jan-14 08	14-Feb-14 18	0%
RSC1013-8	Type B fill from +2.5 to formation [Approx. 169,310m3 of 171,300m3]	12d	04-Feb-14 08	17-Feb-14 18	0%
RSC1016-2	Placing rock fill core upto +3.5mPD	14d	12-Feb-14 08	27-Feb-14 18	0%
RSC1015-3	Lay geotextile Type 1 up to +3.5mPD	12d	15-Feb-14 08	28-Feb-14 18	0%
RSC1013-9	Type B fill from +2.5 to formation [Approx. 171,300m3 of 171,300m3]	12d	18-Feb-14 08	03-Mar-14 18	0%
Reclamation Works - SWCH0+570 to SWCH 1+000					
RSC1071-6	Construction stone platform - SWCH 0+570 to SWCH 1+000 [156000m3 of 156000m3] [incl.Night Work - 19:00 to 07:00]	12d	07-Sep-13 00 A	19-Oct-13 00 A	100%
RSC1072-1	Type A fill in reclamation from S/B to +1mPD [28000m3 of 186000m3]	15d	17-Sep-13 00 A	08-Oct-13 00 A	100%
RSC1075-6	Stone columns installation (1,590 nos of 2,245 nos)	12d	17-Sep-13 08 A	04-Oct-13 00 A	100%
RSC1075-7	Stone columns installation (1,855 nos of 2,245 nos)	12d	05-Oct-13 00 A	18-Nov-13 00 A	100%
RSC1072-2	Type A fill in reclamation from S/B to +1mPD [56000m3 of 186000m3]	15d	09-Oct-13 00 A	19-Oct-13 00 A	100%
RSC1072-3	Type A fill in reclamation from S/B to +1mPD [84000m3 of 186000m3]	10d	21-Oct-13 00 A	05-Dec-13 13	3%
RSC1075-8	Stone columns installation (2,120 nos of 2,245 nos)	12d	19-Nov-13 08 A	02-Dec-13 18	51%
RSC1075-9	Stone columns installation (2,245 nos of 2,245 nos)	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1072-4	Type A fill in reclamation from S/B to +1mPD [112000m3 of 186000m3]	10d	05-Dec-13 13	17-Dec-13 13	0%
RSC1078-1	Removal of stone platform [Approx 14,000 of 70,000m3]	14d	17-Dec-13 08	04-Jan-14 18	0%
RSC1072-5	Type A fill in reclamation from S/B to +1mPD [140000m3 of 186000m3]	10d	17-Dec-13 13	31-Dec-13 13	0%
RSC1072-6	Type A fill in reclamation from S/B to +1mPD [16800m3 of 186000m3]	10d	31-Dec-13 13	13-Jan-14 13	0%
RSC1078-2	Removal of stone platform [Approx 28,000 of 70,000m3]	14d	06-Jan-14 08	21-Jan-14 18	0%
RSC1076-1	Band drain installation (2,650 nos. of 10,658 nos)	15d	13-Jan-14 13	30-Jan-14 13	0%
RSC1072-7	Type A fill in reclamation from S/B to +1mPD [186000m3 of 186000m3]	8d	13-Jan-14 13	22-Jan-14 13	0%
RSC1079-1	Lay geotextile Type 1 up to +3.5mPD	15d	22-Jan-14 08	11-Feb-14 18	0%
RSC1078-3	Removal of stone platform [Approx 42,000 of 70,000m3]	14d	22-Jan-14 08	10-Feb-14 18	0%
RSC1077-1	Type B fill from +2.5 to formation [10,100 of 6062 1m3]	10d	22-Jan-14 13	06-Feb-14 13	0%
RSC1076-2	Band drain installation (5,300 nos. of 10,658 nos)	12d	30-Jan-14 13	17-Feb-14 13	0%
RSC1077-2	Type B fill from +2.5 to formation [20,200 of 6062 1m3]	10d	06-Feb-14 13	18-Feb-14 13	0%
RSC1078-4	Removal of stone platform [Approx 54,000 of 70,000m3]	14d	11-Feb-14 08	26-Feb-14 18	0%
RSC1080-1	Placing rock fill core upto +3.5mPD	15d	12-Feb-14 08	28-Feb-14 18	0%
RSC1079-2	Lay geotextile Type 1 up to +3.5mPD	15d	12-Feb-14 08	28-Feb-14 18	0%
RSC1076-3	Band drain installation (7,950 nos. of 10,658 nos)	12d	17-Feb-14 13	03-Mar-14 13	0%
RSC1077-3	Type B fill from +2.5 to formation [30,300 of 6062 1m3]	10d	18-Feb-14 13	01-Mar-14 13	0%
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)					
Mined Tunnel West Portal Works					
Site Formation					
Southeast Portion of Slope					
SHT9830	Soil Nailing F (Row E & F)(18 nos./4perday)	5d	13-Jun-13 08 A	10-Dec-13 18	90%
SHT9730	Soil Nailing D (Row TB, TC, TD) (26 nos./3perday)	9d	19-Jul-13 00 A	09-Nov-13 00 A	100%
SHT9820	Nail Head Installation and Shotcreting	3d	19-Aug-13 08 A	29-Nov-13 18	50%
SHT9840	Nail Head Installation and Shotcreting	3d	11-Nov-13 08 A	29-Nov-13 18	70%
SHT9841	Soil Nailing G (Row G & H)(26 nos./4perday)	14d	27-Nov-13 08	12-Dec-13 18	0%
SHT9842	Nail Head Installation and Shotcreting	10d	13-Dec-13 08	24-Dec-13 18	0%
SHT9822-3	Pull-out Test (TN5)	10d	13-Dec-13 08	24-Dec-13 18	0%
SHT9843	Hydroseeding	5d	27-Dec-13 08	03-Jan-14 18	0%
Northwest Portion of Slope					
SHT9712	Soil Nailing A (Row G & H) (18 nos./4perday)	5d	16-Nov-13 00 A	04-Dec-13 18	70%
SHT9709	Pull-out Test (TN5)	3d	05-Dec-13 08	07-Dec-13 18	0%
SHT9733	Nail Head Installation and Shotcreting	3d	09-Dec-13 08	11-Dec-13 18	0%
T001 (4-lane)					
SHT9738-1	Preparation work for Blasting Doors	12d	24-Dec-13 08	09-Jan-14 18	0%
SHT9738-2	Installation of Blasting Doors	12d	10-Jan-14 08	23-Jan-14 18	0%
T002 (3-lane)					
SHT9754-1	Preparation work for Blasting Doors	12d	10-Jan-14 08	23-Jan-14 18	0%
SHT9754-2	Installation of Blasting Doors	12d	24-Jan-14 08	10-Feb-14 18	0%
Mined Tunnel through Scenic Hill [480m Approx.]					
To Zhuhai-Macao [4-Lane] Carriageway - T001					
From West-end - 250m Approx.					
Drill & Break [1st 50m] (mix ground & shallow rock cover)					
SHT3010-1	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 5 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	16-Sep-13 00 A	05-Nov-13 00 A	100%
SHT9736-2	Installation of horizontal pipe pile and grouting (2nd batch)	12d	16-Sep-13 00 A	27-Nov-13 18	95%
SHT3010-2	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 10 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Nov-13 00 A	05-Dec-13 18	90%
SHT3010-3	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 15 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Dec-13 08	23-Dec-13 18	0%
SHT3010-4	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 20 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	24-Dec-13 08	13-Jan-14 18	0%
SHT3011-1	Installation of 2nd horizontal pipe pile and grouting 12m(L) [1st 25 nos]	15d	14-Jan-14 08	30-Jan-14 18	0%
SHT3011-2	Installation of 2nd horizontal pipe pile and grouting 12m(L) [2nd 25 nos]	15d	04-Feb-14 08	20-Feb-14 18	0%
SHT3010-5	SHT T001 [from West] - Exc.+Pressure grout, 30 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	21-Feb-14 08	10-Mar-14 18	0%
To HKBCF [3-Lane] Carriageway - T002					
From West-end - 250m Approx.					
Drill & Break [1st 50m] (mix ground & shallow rock cover)					
SHT9736-3	Installation of horizontal pipe pile and grouting (1st batch) - [incl. Night work for pipe roofing p to 23:0(	14d	09-Sep-13 00 A	26-Sep-13 00 A	100%
SHT9736-4	Installation of horizontal pipe pile and grouting (2nd batch) - [incl. Night work for pipe roofing p to 23:0	14d	19-Sep-13 08 A	04-Dec-13 18	60%
SHT6000-1	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 5 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	10-Oct-13 08 A	13-Nov-13 00 A	100%
SHT6000-2	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 10 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	14-Nov-13 00 A	05-Dec-13 18	0%
SHT6000-3	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 15 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Dec-13 08	23-Dec-13 18	0%
SHT6010-1	Installation of 2nd horizontal pipe pile and grouting 12m(L) - [1st 20 nos]	12d	24-Dec-13 08	09-Jan-14 18	0%
SHT6010-2	Installation of 2nd horizontal pipe pile and grouting 12m(L) - [2nd 20 nos]	12d	10-Jan-14 08	23-Jan-14 18	0%
SHT6000-4	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 20 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	24-Jan-14 08	13-Feb-14 18	0%
SHT6000-5	SHT T002 [from West] - Exc.+Pressure grout, 30 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	14-Feb-14 08	03-Mar-14 18	0%
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)					
CCT at At Planter Area, Ch 14+016 to Ch 14+056 [East Access Shaft]					
Civil & Structurals Works					
SHT1083-4	SHT C&CT @ planter - Pipe pile [273 dia. 6th 450 of 450 nos.] [incl. Night work for install H-pile up to 23:00]	14d	19-Aug-13 08 A	05-Oct-13 00 A	100%
SHT1084-2	SHT C&CT @ planter - Install King Post[273 dia. 56 of 56 nos.] [incl. Night work for install H-pile up to 23:00]	14d	10-Sep-13 00 A	26-Oct-13 00 A	100%
SHT1087-2	SHT C&CT @ planter - Grout Curtain - batch 2	15d	18-Sep-13 00 A	03-Oct-13 00 A	100%
SHT1087-3	SHT C&CT @ planter - Grout Curtain - batch 3	15d	03-Oct-13 00 A	11-Oct-13 00 A	100%
SHT1085	SHT C&CT @ planter - Installation of Pump wells, Observation Wells & Recharge Wells	15d	28-Oct-13 00 A	28-Nov-13 18	100%
SHT1088-1	SHT C&CT @ planter - Utilities Support Structure [Excavation, Cross Beam & Supporting Beam]	14d	26-Nov-13 08	11-Dec-13 18	0%
SHT1088-3	SHT C&CT @ planter - Utilities Support Structure [Main Support Beam and Top Hanger Beam]	14d	12-Dec-13 08	30-Dec-13 18	0%
SHT1086	SHT C&CT @ planter - Pumping Test	15d	31-Dec-13 08	17-Jan-14 18	0%
SHT1089-1	SHT C&CT @ planter - ELS [1st Layers] - Stage 1	13d	18-Jan-14 08	05-Feb-14 18	0%
SHT1089-2	SHT C&CT @ planter - ELS [1st Layers] - Stage 2	13d	06-Feb-14 08	20-Feb-14 18	0%
SHT1089-3	SHT C&CT @ planter - ELS [2nd Layers] - Stage 1	13d	21-Feb-14 08	07-Mar-14 18	0%
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Civil & Structurals Works					
SHT MT - ELS for AEL West Shaft					



Works Programme
Works Programme
Works Programme
Milestone
Milestone

China State Construction Engineering (Hong Kong) Ltd -

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

, Section between Scenic Hill and HKBCF

Prepared by WC/CKK

Date	Revision	Che...	Approved
28-Nov-13		HKC	SYT

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

FILE: 3M19 (Rev.00)

Sheet 2 of 3

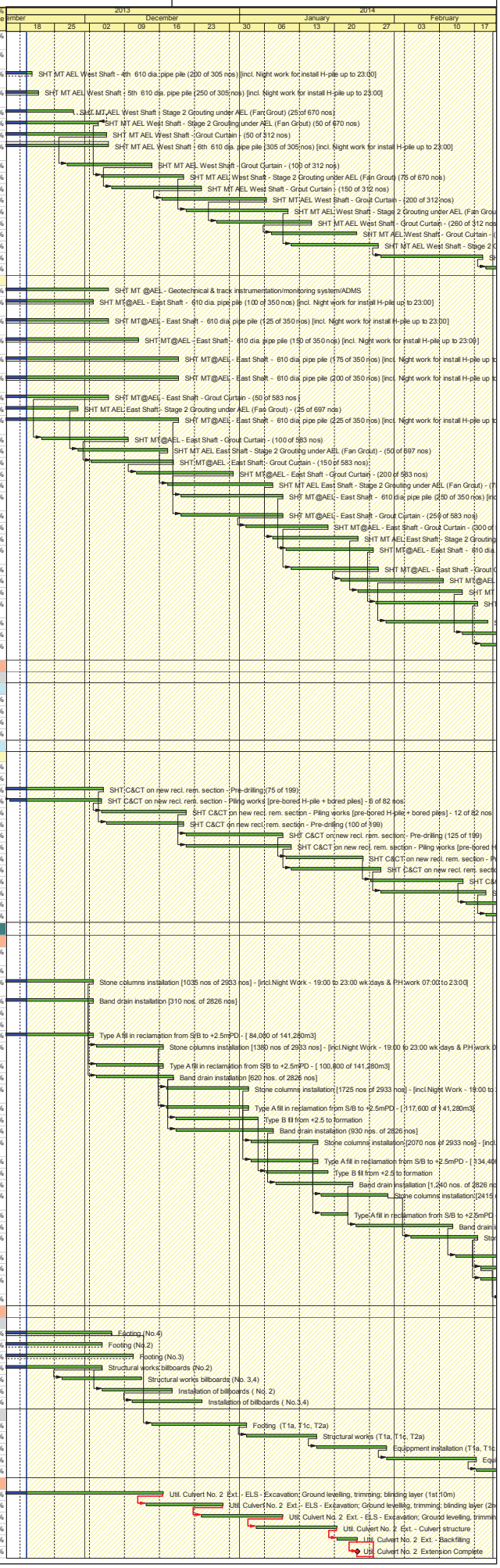
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(December 2013 to February 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M19)

TASK filters: 3M19, HZMB No Level Effort.

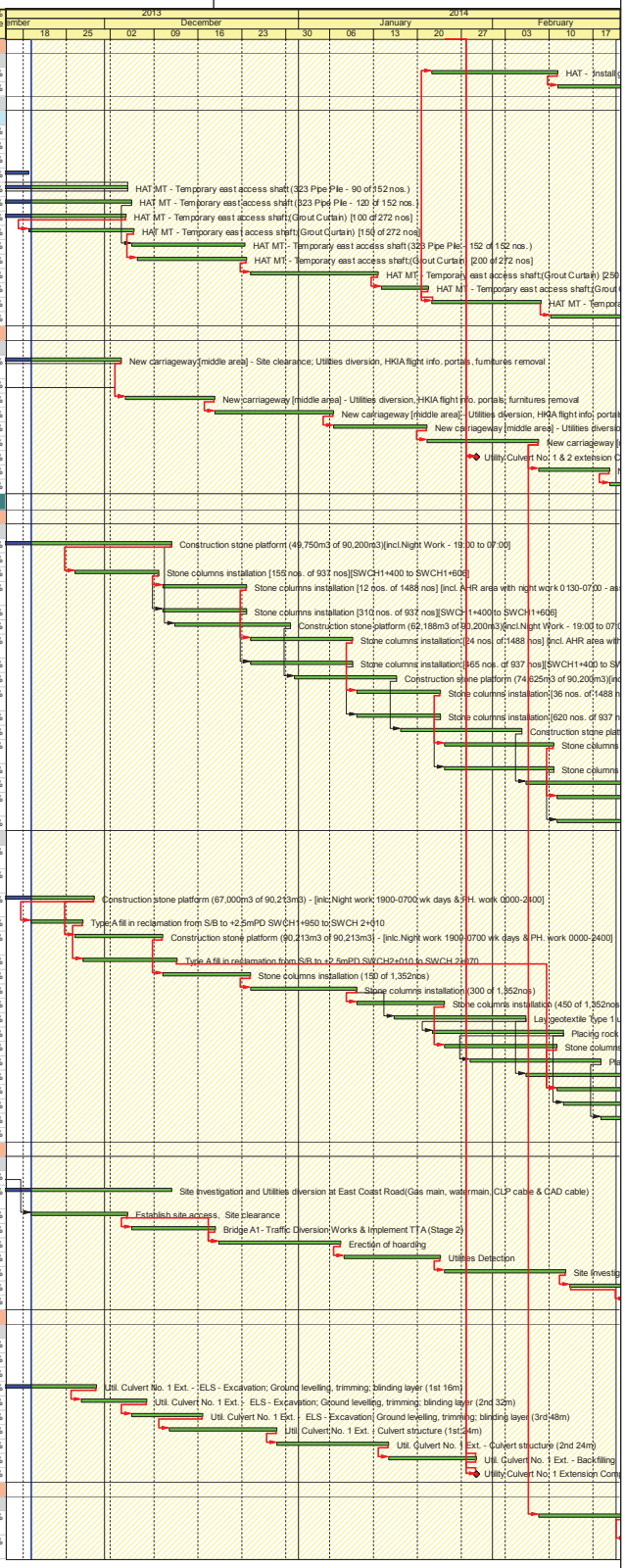
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1822-2	SHT MT AEL West Shaft - 2nd 610 dia. pipe pile (100 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Aug-13 08 A	19-Oct-13 00 A	100%
SHT1822-3	SHT MT AEL West Shaft - 3rd 610 dia. pipe pile (150 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	28-Aug-13 00 A	14-Nov-13 00 A	100%
SHT1822-4	SHT MT AEL West Shaft - 4th 610 dia. pipe pile (200 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	21-Sep-13 00 A	20-Nov-13 13	90%
SHT1822-5	SHT MT AEL West Shaft - 5th 610 dia. pipe pile (250 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	18-Oct-13 00 A	21-Nov-13 18	80%
SHT1835-1	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (25 of 670 nos)	15d	21-Oct-13 00 A	28-Nov-13 18	40%
SHT1835-2	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (50 of 670 nos)	15d	28-Oct-13 00 A	03-Dec-13 18	16%
SHT1834-1	SHT MT AEL West Shaft - Grout Curtain - (50 of 312 nos)	15d	12-Nov-13 00 A	05-Dec-13 10	22.4%
SHT1822-6	SHT MT AEL West Shaft - 6th 610 dia. pipe pile (305 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	13-Nov-13 00 A	05-Dec-13 18	17.5%
SHT1834-2	SHT MT AEL West Shaft - Grout Curtain - (100 of 312 nos)	15d	27-Nov-13 10	14-Dec-13 10	0%
SHT1835-3	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (75 of 670 nos)	15d	04-Dec-13 08	20-Dec-13 18	0%
SHT1834-3	SHT MT AEL West Shaft - Grout Curtain - (150 of 312 nos)	15d	06-Dec-13 10	24-Dec-13 10	0%
SHT1834-4	SHT MT AEL West Shaft - Grout Curtain - (200 of 312 nos)	15d	16-Dec-13 10	06-Jan-14 10	0%
SHT1835-4	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (100 of 670 nos)	15d	21-Dec-13 08	10-Jan-14 18	0%
SHT1834-5	SHT MT AEL West Shaft - Grout Curtain - (260 of 312 nos)	15d	27-Dec-13 10	15-Jan-14 10	0%
SHT1834-6	SHT MT AEL West Shaft - Grout Curtain - (312 of 312 nos)	15d	07-Jan-14 10	24-Jan-14 10	0%
SHT1835-5	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (125 of 670 nos)	15d	11-Jan-14 08	28-Jan-14 18	0%
SHT1835-6	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (150 of 670 nos)	15d	29-Jan-14 08	18-Feb-14 18	0%
SHT1835-7	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (175 of 670 nos)	15d	19-Feb-14 08	07-Mar-14 18	0%
SHT MT - ELS for AEL East Shaft					
SHT 1862	SHT MT @AEL - Geotechnical & track instrumentation/monitoring system/ADMS	21d	23-Jan-13 08 A	05-Dec-13 18	99%
SHT1903-1	SHT MT@AEL - East Shaft - 610 dia. pipe pile (100 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	09-Aug-13 08 A	02-Dec-13 18	81%
SHT1903-2	SHT MT@AEL - East Shaft - 610 dia. pipe pile (125 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Sep-13 00 A	05-Dec-13 18	53.8%
SHT1903-3	SHT MT@AEL - East Shaft - 610 dia. pipe pile (150 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	14-Sep-13 00 A	11-Dec-13 18	40%
SHT1903-4	SHT MT@AEL - East Shaft - 610 dia. pipe pile (175 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	30-Sep-13 00 A	19-Dec-13 18	40%
SHT1903-5	SHT MT@AEL - East Shaft - 610 dia. pipe pile (200 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	19-Oct-13 00 A	19-Dec-13 18	40%
SHT1908-1	SHT MT@AEL - East Shaft - Grout Curtain - (50 of 583 nos)	15d	22-Oct-13 00 A	05-Dec-13 18	78.4%
SHT1845-1	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (25 of 697 nos)	15d	22-Oct-13 08 A	29-Nov-13 16	34.4%
SHT1903-6	SHT MT@AEL - East Shaft - 610 dia. pipe pile (225 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Nov-13 08 A	19-Dec-13 18	40%
SHT1908-2	SHT MT@AEL - East Shaft - Grout Curtain - (100 of 583 nos)	15d	22-Nov-13 08	09-Dec-13 18	0%
SHT1845-2	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (50 of 697 nos)	15d	29-Nov-13 16	17-Dec-13 16	0%
SHT1908-3	SHT MT@AEL - East Shaft - Grout Curtain - (150 of 583 nos)	15d	02-Dec-13 08	18-Dec-13 18	0%
SHT1908-4	SHT MT@AEL - East Shaft - Grout Curtain - (200 of 583 nos)	15d	11-Dec-13 08	30-Dec-13 18	0%
SHT1845-3	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (75 of 697 nos)	15d	17-Dec-13 16	07-Jan-14 16	0%
SHT1903-7	SHT MT@AEL - East Shaft - 610 dia. pipe pile (250 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	20-Dec-13 08	09-Jan-14 18	0%
SHT1908-5	SHT MT@AEL - East Shaft - Grout Curtain - (250 of 583 nos)	15d	20-Dec-13 08	09-Jan-14 18	0%
SHT1908-6	SHT MT@AEL - East Shaft - Grout Curtain - (300 of 583 nos)	15d	02-Jan-14 08	18-Jan-14 18	0%
SHT1845-4	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (100 of 697 nos)	15d	07-Jan-14 16	24-Jan-14 16	0%
SHT1903-8	SHT MT@AEL - East Shaft - 610 dia. pipe pile (275 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	10-Jan-14 08	27-Jan-14 18	0%
SHT1908-7	SHT MT@AEL - East Shaft - Grout Curtain - (350 of 583 nos)	15d	11-Jan-14 08	28-Jan-14 18	0%
SHT1908-8	SHT MT@AEL - East Shaft - Grout Curtain - (400 of 583 nos)	15d	21-Jan-14 08	10-Feb-14 18	0%
SHT1845-5	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (125 of 697 nos)	15d	24-Jan-14 16	14-Feb-14 16	0%
SHT1903-9	SHT MT@AEL - East Shaft - 610 dia. pipe pile (300 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	28-Jan-14 08	17-Feb-14 18	0%
SHT1908-9	SHT MT@AEL - East Shaft - Grout Curtain - (450 of 583 nos)	15d	30-Jan-14 08	19-Feb-14 18	0%
SHT1845-6	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (150 of 697 nos)	15d	14-Feb-14 16	04-Mar-14 16	0%
SHT1903-10	SHT MT@AEL - East Shaft - 610 dia. pipe pile (325 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	18-Feb-14 08	06-Mar-14 18	0%
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)					
CCT Works - on New Reclamation [490m Approx.]					
Box Culvert Outfall PR10 Temporary Diversion					
BC1024	Sheet pile works & excavation (ELS)	12d	16-Aug-13 08 A	04-Oct-13 00 A	100%
BC1026	Demolish existing seawall & Diversion of PR10	14d	17-Aug-13 08 A	07-Nov-13 00 A	100%
BC1240	Excavation for Diversion	12d	02-Oct-13 00 A	09-Nov-13 00 A	100%
BC1030	Drainage diversion	14d	03-Oct-13 00 A	15-Nov-13 00 A	100%
CCT Works in Remaining Section [325m Approx.]					
Civil & Structurals Works					
SHT1900-1	SHT C&CT on new recl. rem. section - Pre-drilling (25 of 199)	14d	01-Aug-13 00 A	09-Oct-13 00 A	100%
SHT1900-2	SHT C&CT on new recl. rem. section - Pre-drilling (50 of 199)	14d	10-Oct-13 00 A	05-Nov-13 00 A	100%
SHT1900-3	SHT C&CT on new recl. rem. section - Pre-drilling (75 of 199)	14d	07-Nov-13 00 A	04-Dec-13 18	40%
SHT1910-1	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 6 of 82 nos	15d	16-Nov-13 00 A	04-Dec-13 08	13%
SHT1910-2	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 12 of 82 nos	15d	04-Dec-13 08	21-Dec-13 08	0%
SHT1900-4	SHT C&CT on new recl. rem. section - Pre-drilling (100 of 199)	14d	05-Dec-13 08	20-Dec-13 18	0%
SHT1900-5	SHT C&CT on new recl. rem. section - Pre-drilling (125 of 199)	14d	21-Dec-13 08	09-Jan-14 18	0%
SHT1910-3	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 18 of 82 nos	15d	21-Dec-13 08	11-Jan-14 08	0%
SHT1900-6	SHT C&CT on new recl. rem. section - Pre-drilling (150 of 199)	14d	10-Jan-14 08	25-Jan-14 18	0%
SHT1910-4	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 24 of 82 nos	15d	11-Jan-14 08	29-Jan-14 08	0%
SHT1900-7	SHT C&CT on new recl. rem. section - Pre-drilling (175 of 199)	14d	27-Jan-14 08	14-Feb-14 18	0%
SHT1910-5	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 30 of 82 nos	15d	29-Jan-14 08	19-Feb-14 08	0%
SHT1900-8	SHT C&CT on new recl. rem. section - Pre-drilling (199 of 199)	14d	15-Feb-14 08	03-Mar-14 18	0%
SHT1910-6	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 38 of 82 nos	15d	19-Feb-14 08	08-Mar-14 08	0%
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)					
Reclamation Works - SWCH1000 to 1400 (AHR 20mPD) & (12.5mPD)					
RSC1040-9	Construction stone platform - SWCH 1+000 to SWCH 1+400 (Approx. 112500m3 of 112500m3)[Incl.Night Work - 19:00 to 07:00]	9d	05-Aug-13 00 A	13-Nov-13 00 A	100%
RSC1041-3	Type A fill in reclamation from S/B to +2.5mPD - [50,400 of 141,280m3]	12d	13-Sep-13 00 A	28-Sep-13 00 A	100%
RSC1044-3	Stone columns installation [1035 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	14-Sep-13 00 A	02-Dec-13 18	90%
RSC1045-1	Band drain installation [310 nos. of 2826 nos]	14d	19-Sep-13 08 A	02-Dec-13 18	22.5%
RSC1041-4	Type A fill in reclamation from S/B to +2.5mPD - [67,200 of 141,280m3]	12d	30-Sep-13 00 A	12-Oct-13 00 A	100%
RSC1042-4	Construction stone platform behind - SWCH 1+300 to SWCH1+1400	13d	05-Oct-13 00 A	13-Nov-13 00 A	100%
RSC1041-5	Type A fill in reclamation from S/B to +2.5mPD - [84,000 of 141,280m3]	12d	12-Oct-13 00 A	02-Dec-13 18	30%
RSC1044-4	Stone columns installation [1380 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1041-6	Type A fill in reclamation from S/B to +2.5mPD - [100,800 of 141,280m3]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1045-2	Band drain installation [620 nos. of 2826 nos]	14d	03-Dec-13 08	18-Dec-13 18	0%
RSC1044-5	Stone columns installation [1725 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1041-7	Type A fill in reclamation from S/B to +2.5mPD - [117,600 of 141,280m3]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1046-1	Type B fill from +2.5 to formation	12d	19-Dec-13 08	04-Jan-14 18	0%
RSC1045-3	Band drain installation (930 nos. of 2826 nos]	14d	19-Dec-13 08	07-Jan-14 18	0%
RSC1044-6	Stone columns installation [2070 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1041-8	Type A fill in reclamation from S/B to +2.5mPD - [134,400 of 141,280m3]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1046-2	Type B fill from +2.5 to formation	12d	06-Jan-14 08	18-Jan-14 18	0%
RSC1045-4	Band drain installation [1,240 nos. of 2826 nos]	14d	08-Jan-14 08	23-Jan-14 18	0%
RSC1044-7	Stone columns installation [2415 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	17-Jan-14 08	30-Jan-14 18	0%
RSC1041-9	Type A fill in reclamation from S/B to +2.5mPD - [141,280 of 141,280m3]	5d	17-Jan-14 08	22-Jan-14 18	0%
RSC1045-5	Band drain installation [1,550 nos. of 2826 nos]	14d	24-Jan-14 08	12-Feb-14 18	0%
RSC1044-8	Stone columns installation [2760 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	04-Feb-14 08	17-Feb-14 18	0%
RSC1045-6	Band drain installation [1,860 nos. of 2826 nos]	14d	13-Feb-14 08	28-Feb-14 18	0%
RSC1048-1	Lay geotextile Type 1 up to +3.5mPD	14d	18-Feb-14 08	05-Mar-14 18	0%
RSC1044-9	Stone columns installation [2933 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	4d	18-Feb-14 08	21-Feb-14 18	0%
RSC1049-1	Placing rock fill core upto +3.5mPD	11d	22-Feb-14 08	06-Mar-14 18	0%
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works					
Relocation of Billboards					
PARDS200	Footing (No.4)	16d	19-Apr-13 08 A	06-Dec-13 10	85%
PARDS202	Footing (No.2)	14d	06-May-13 00 A	04-Dec-13 13	90%
PARDS201	Footing (No.3)	10d	03-Jun-13 00 A	10-Dec-13 18	85%
PARDS210	Structural works billboards (No.2)	14d	18-Jun-13 00 A	04-Dec-13 11	80%
PARDS211	Structural works billboards (No. 3,4)	14d	26-Nov-13 11	12-Dec-13 11	0%
PARDS220	Installation of billboards (No. 2)	12d	04-Dec-13 11	18-Dec-13 11	0%
PARDS230	Installation of billboards (No.3,4)	12d	10-Dec-13 11	24-Dec-13 11	0%
PARDS - Construction T1a, T1c, T2a					
PARDS100	Footing (T1a, T1c, T2a)	13d	14-Dec-13 10	02-Jan-14 10	0%
PARDS101	Structural works (T1a, T1c, T2a)	12d	02-Jan-14 10	16-Jan-14 10	0%
PARDS110	Equipment installation (T1a, T1c, T2a)	12d	16-Jan-14 10	30-Jan-14 10	0%
PARDS111	Equipment installation (T1a, T1c, T2a)	12d	30-Jan-14 10	17-Feb-14 10	0%
PARDS120	Testing and Commissioning	12d	17-Feb-14 10	03-Mar-14 10	0%
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]					
UC2.1020	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 10m)	12d	17-Sep-13 00 A	16-Dec-13 18	5%
UC2.1021	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 10m)	12d	13-Dec-13 08	28-Dec-13 18	0%
UC2.1022	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 10m)	12d	24-Dec-13 08	09-Jan-14 18	0%
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	13d 6h	04-Jan-14 08	20-Jan-14 14	0%
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	4d	20-Jan-14 14	24-Jan-14 14	0%
UC2.1050	Util. Culvert No. 2 Extension Complete	0d		24-Jan-14 14	0%



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

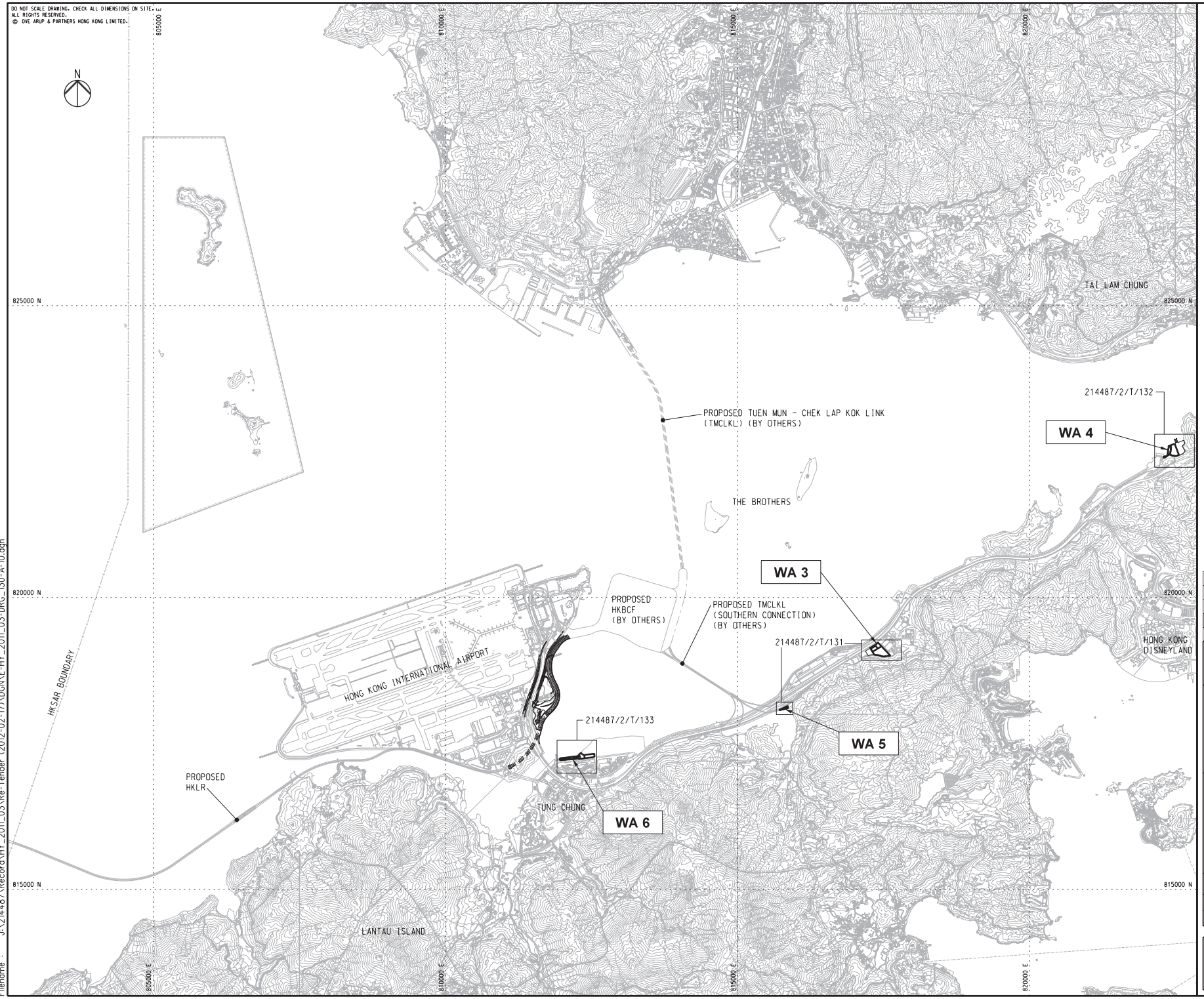
(December 2013 to February 2014)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
Initial Works					
HAT1590	HAT - Install geotechnical & track instrumentation/monitoring system	14d 4h	22-Jan-14 08	11-Feb-14 12	0%
HAT1591	HAT - Install geotechnical & track instrumentation/monitoring system	14d 4h	11-Feb-14 12	27-Feb-14 16	0%
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]					
Utilities Diversion, SI Works and Temp. Access Shaft					
HAT1550	HAT MT - Utilities diversion (e.g. CLP cable, street light cable & Irrirgation pipe)	15d	05-Sep-13 08 A	05-Oct-13 00 A	100%
HAT1570	HAT MT - Temporary east access shaft (323 Pipe Pile - 30 of 152 nos.)	15d	09-Sep-13 00 A	08-Oct-13 00 A	100%
HAT1571	HAT MT - Temporary east access shaft (323 Pipe Pile - 60 of 152 nos.)	15d	21-Sep-13 00 A	23-Oct-13 00 A	100%
HAT1575-1	HAT MT - Temporary east access shaft;(Grout Curtain) [50 of 272 nos]	15d	04-Oct-13 00 A	19-Nov-13 00 A	100%
HAT1572	HAT MT - Temporary east access shaft (323 Pipe Pile - 90 of 152 nos.)	15d	05-Oct-13 00 A	04-Dec-13 18	64%
HAT1573	HAT MT - Temporary east access shaft (323 Pipe Pile - 120 of 152 nos.)	15d	24-Oct-13 00 A	05-Dec-13 10	34.6%
HAT1575-2	HAT MT - Temporary east access shaft;(Grout Curtain) [100 of 272 nos]	15d	09-Nov-13 00 A	04-Dec-13 13	44%
HAT1575-3	HAT MT - Temporary east access shaft;(Grout Curtain) [150 of 272 nos]	15d	19-Nov-13 00 A	05-Dec-13 18	3%
HAT1574	HAT MT - Temporary east access shaft (323 Pipe Pile - 152 of 152 nos.)	15d	05-Dec-13 10	23-Dec-13 10	0%
HAT1575-4	HAT MT - Temporary east access shaft;(Grout Curtain) [200 of 272 nos]	15d	06-Dec-13 08	23-Dec-13 18	0%
HAT1575-5	HAT MT - Temporary east access shaft;(Grout Curtain) [250 of 272 nos]	15d	24-Dec-13 08	13-Jan-14 18	0%
HAT1575-6	HAT MT - Temporary east access shaft;(Grout Curtain) [272 of 272 nos]	7d	14-Jan-14 08	21-Jan-14 18	0%
HAT1578-1	HAT MT - Temporary east access shaft; Soft Excavation (1,800m3 of 5,400 m3) & 1st layer struts	13d	22-Jan-14 08	08-Feb-14 18	0%
HAT1578-2	HAT MT - Temporary east access shaft; Soft Excavation (3,600m3 of 5,400 m3) & 2nd layer struts	13d	10-Feb-14 08	24-Feb-14 18	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [615m Approx.]					
NCW1040	New carriageway [middle area] - Site clearance; Utilities diversion, HKIA flight info. portals , furnitures removal	12d 8h	20-Dec-12 08 A	03-Dec-13 18	20%
NCW1039	New carriageway [middle area] - Hoarding work at N18	10d	08-May-13 08 A	28-Sep-13 00 A	100%
NCW1041	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	04-Dec-13 08	18-Dec-13 16	0%
NCW1042	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	18-Dec-13 16	06-Jan-14 14	0%
NCW1043	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	06-Jan-14 14	21-Jan-14 12	0%
NCW1044	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	21-Jan-14 12	08-Feb-14 10	0%
NCW1050	Utility Culvert No. 1 & 2 extension Complete	0d		29-Jan-14 10	0%
NCW1045	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	9d 6h	08-Feb-14 10	19-Feb-14 16	0%
NCW1046	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	19-Feb-14 16	06-Mar-14 16	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)					
RSC1106-2	Construction stone platform (49,750m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	12d	21-Jun-13 00 A	11-Dec-13 18	65%
RSC1103-1	Lay geotextile Type II (SWCH1625 to SWCH 1740)	13d	10-Aug-13 00 A	05-Oct-13 00 A	100%
RSC1109-1	Stone columns installation [155 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	26-Nov-13 08	09-Dec-13 18	0%
RSC1110-1	Stone columns installation [12 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	10-Dec-13 08	23-Dec-13 18	0%
RSC1109-2	Stone columns installation [310 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	10-Dec-13 08	23-Dec-13 18	0%
RSC1106-4	Construction stone platform (62,188m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	12-Dec-13 08	30-Dec-13 18	0%
RSC1110-2	Stone columns installation [24 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	24-Dec-13 08	09-Jan-14 18	0%
RSC1109-3	Stone columns installation [465 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	24-Dec-13 08	09-Jan-14 18	0%
RSC1106-5	Construction stone platform (74,625m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	31-Dec-13 08	16-Jan-14 18	0%
RSC1110-3	Stone columns installation [36 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	10-Jan-14 08	23-Jan-14 18	0%
RSC1109-4	Stone columns installation [620 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	10-Jan-14 08	23-Jan-14 18	0%
RSC1106-6	Construction stone platform (87,063m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	17-Jan-14 08	05-Feb-14 18	0%
RSC1110-4	Stone columns installation [48 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	24-Jan-14 08	10-Feb-14 18	0%
RSC1109-5	Stone columns installation [775 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	24-Jan-14 08	10-Feb-14 18	0%
RSC1106-7	Construction stone platform (90,200m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	06-Feb-14 08	21-Feb-14 18	0%
RSC1110-5	Stone columns installation [60 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	11-Feb-14 08	24-Feb-14 18	0%
RSC1109-6	Stone columns installation [937 nos. of 937 nos][SWCH1+400 to SWCH1+606]	10d	11-Feb-14 08	21-Feb-14 18	0%
Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)					
RSC1133-1	Construction stone platform (23,750m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	02-Aug-13 00 A	05-Oct-13 00 A	100%
RSC1133-2	Construction stone platform (45,100m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	07-Oct-13 00 A	24-Oct-13 00 A	100%
RSC1133-3	Construction stone platform (67,000m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	25-Oct-13 00 A	29-Nov-13 09	92%
RSC1134-3	Type A fill in reclamation from S/B to +2.5mPD SWCH1+950 to SWCH 2+010	12d	19-Nov-13 08 A	27-Nov-13 16	35%
RSC1133-4	Construction stone platform (90,213m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	12d	26-Nov-13 09	10-Dec-13 09	0%
RSC1134-4	Type A fill in reclamation from S/B to +2.5mPD SWCH2+010 to SWCH 2+070	13d	27-Nov-13 16	12-Dec-13 16	0%
RSC1136-1	Stone columns installation (150 of 1,352nos)	12d	10-Dec-13 09	24-Dec-13 09	0%
RSC1136-2	Stone columns installation (300 of 1,352nos)	12d	24-Dec-13 09	10-Jan-14 09	0%
RSC1136-3	Stone columns installation (450 of 1,352nos)	12d	10-Jan-14 09	24-Jan-14 09	0%
RSC1140-1	Lay geotextile Type 1 up to +3.5mPD	15d	16-Jan-14 09	06-Feb-14 09	0%
RSC1141-1	Placing rock fill core upto +3.5mPD	15d	22-Jan-14 09	12-Feb-14 09	0%
RSC1136-4	Stone columns installation (600 of 1,352nos)	12d	24-Jan-14 09	11-Feb-14 09	0%
RSC1142-1	Placing underlayer rock upto +3.5mPD	15d	28-Jan-14 09	18-Feb-14 09	0%
RSC1140-2	Lay geotextile Type 1 up to +3.5mPD	15d	06-Feb-14 09	24-Feb-14 09	0%
RSC1136-5	Stone columns installation (750 of 1,352nos)	12d	11-Feb-14 09	25-Feb-14 09	0%
RSC1141-2	Placing rock fill core upto +3.5mPD	15d	12-Feb-14 09	01-Mar-14 09	0%
RSC1142-2	Placing underlayer rock upto +3.5mPD	15d	18-Feb-14 09	07-Mar-14 09	0%
RSC1140-3	Lay geotextile Type 1 up to +3.5mPD	15d	24-Feb-14 09	13-Mar-14 09	0%
Works in Bridge A1 & Depressed Road					
Bridge A1 - Initial Works and SI Works					
BA1.1350	Bridge A1 - Traffic Diversion Works & Implement TTA (Stage 1)	12d	18-Jan-13 00 A	24-Oct-13 00 A	100%
BA1.1360	Site investigation and Utilities diversion at East Coast Road(Gas main, watermain, CLP cable & CAD cable)	14d	04-Jun-13 00 A	11-Dec-13 18	55%
BA1.1412	Establish site access, Site clearance	14d	19-Nov-13 08	04-Dec-13 18	0%
BA1.1351	Bridge A1 - Traffic Diversion Works & Implement TTA (Stage 2)	12d	05-Dec-13 08	18-Dec-13 18	0%
BA1.1414	Erection of hoarding	14d	19-Dec-13 08	07-Jan-14 18	0%
BA1.1416	Utilities Detection	14d	08-Jan-14 08	23-Jan-14 18	0%
BA1.1418	Site Investigation	14d	24-Jan-14 08	12-Feb-14 18	0%
BA1.1000	Bridge A1 South Abut. & Ramp - Pre-drilling works	13d 6h	13-Feb-14 08	28-Feb-14 14	0%
BA1.1110	Bridge A1 North Abut. & Ramp - Pre-drilling works	13d 6h	22-Feb-14 08	10-Mar-14 14	0%
Utility Culvert No.1					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]					
UC1.1070-1	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (55 of 166 nos)	10d	17-Sep-13 08 A	04-Oct-13 00 A	100%
UC1.1070-2	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (110 of 166 nos)	10d	04-Oct-13 00 A	15-Oct-13 00 A	100%
UC1.1070-3	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (166 of 166 nos)	10d	15-Oct-13 00 A	24-Oct-13 00 A	100%
UC1.1080-1	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 16m)	10d	25-Oct-13 08 A	29-Nov-13 18	0%
UC1.1080-2	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 32m)	10d	27-Nov-13 08	07-Dec-13 18	0%
UC1.1080-3	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 48m)	10d	05-Dec-13 08	16-Dec-13 18	0%
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	13d 6h	11-Dec-13 08	28-Dec-13 14	0%
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	13d 6h	28-Dec-13 14	15-Jan-14 10	0%
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	12d	15-Jan-14 10	29-Jan-14 10	0%
UC1.1110	Utility Culvert No. 1 Extension Complete	0d		29-Jan-14 10	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [407.5m Approx.]					
NCW1140	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furnitures removal	12d	08-Feb-14 10	22-Feb-14 10	0%
NCW1141	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furnitures removal	12d	22-Feb-14 10	08-Mar-14 10	0%



APPENDIX C

Location of Works Areas



NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

WORKS AREAS
KEY PLAN

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

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

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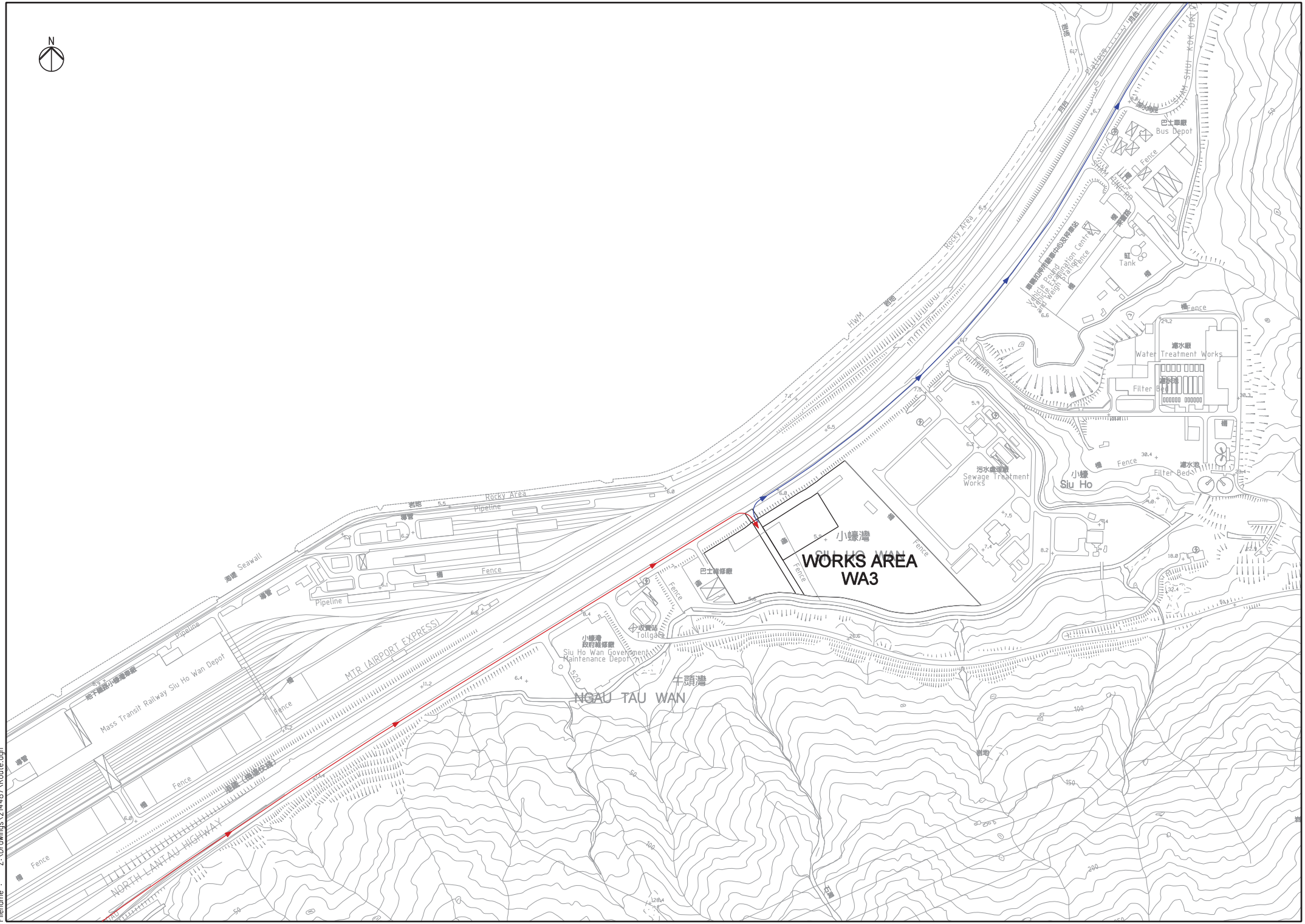

Printed by : 30/5/2012
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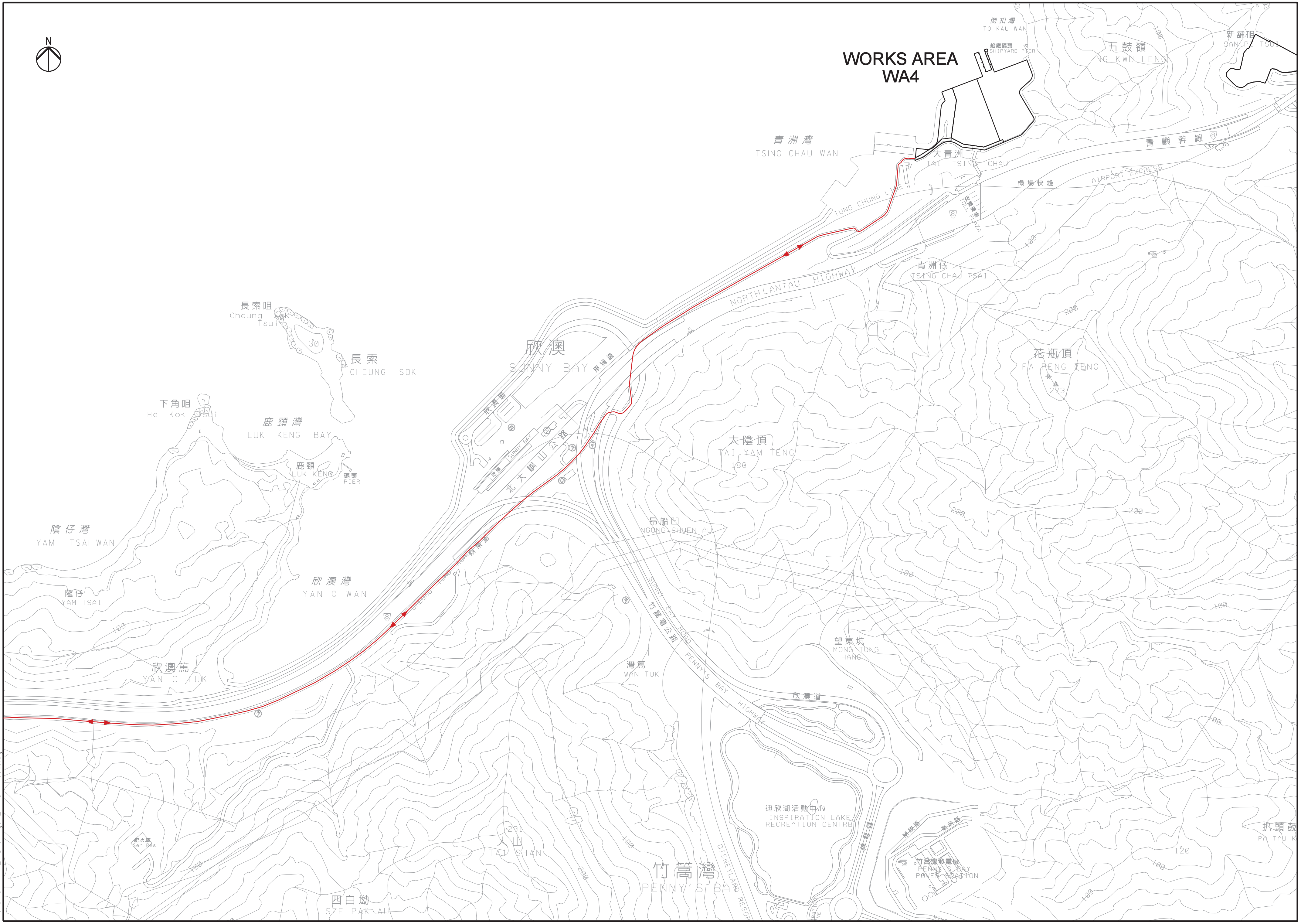
WORKS AREA
WA4
N
倒扣灣
TO KAU WAN
船廠碼頭
SHIPYARD PIER
五鼓嶺
NG KWU LENG
青洲灣
TSING CHAU WAN
大青洲
TAI TSING CHAU
青嶼幹線
機場快綫
AIRPORT EXPRESS
TUNG CHUNG LINE
青洲仔
TSING CHAU TSAI
NORTH LANTAU HIGHWAY
花瓶頂
FA PENG TENG
273
長索咀
Cheung Sok Tsui
長索
CHEUNG SOK
欣澳
SUNNY BAY
東涌綫
下角咀
Ha Kok Tsui
鹿頸灣
LUK KENG BAY
鹿頸
LUK KENG
碼頭
PIER
北大嶼山公路
大陰頂
TAI YAM TENG
186
昂船凹
NGONG SHUEN AU
陰仔灣
YAM TSAI WAN
欣澳灣
YAN O WAN
陰仔
YAM TSAI
SUNNY BAY ROAD
竹篙灣公路
PENNY'S BAY HIGHWAY
望東坑
MONG TUNG HANG
灣篤
WAN TUK
欣澳篤
YAN O TUK
欣澳道
迪欣湖活動中心
INSPIRATION LAKE
RECREATION CENTRE
大山
TAI SHAN
291
竹篙灣
PENNY'S BAY
DISNEYLAND RESORT
竹篙灣發電廠
PENNY'S BAY
POWER STATION
四白坳
SZE PAK AU
扒頭鼓
PA TAU KU
Printed by : 28/5/2012
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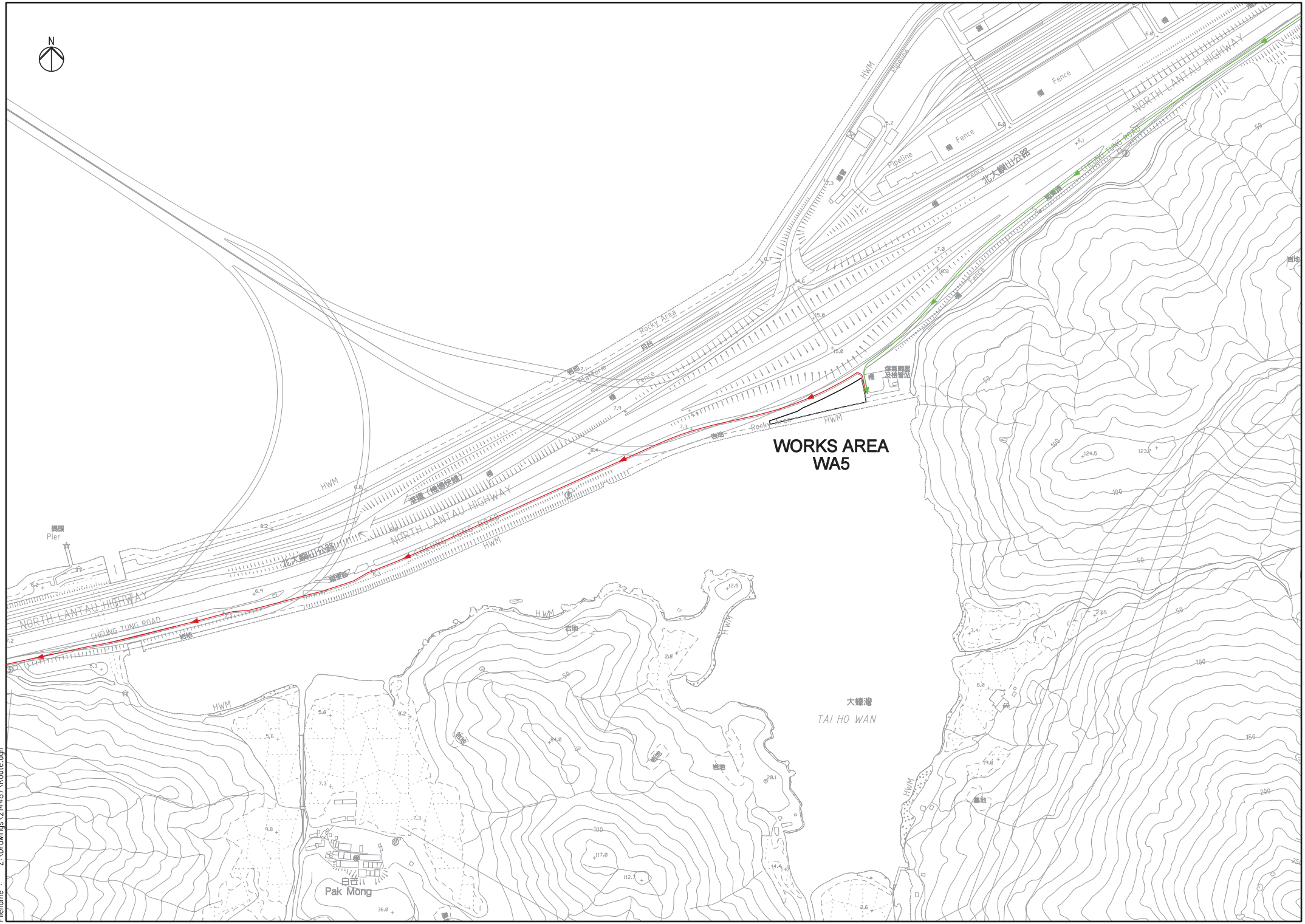
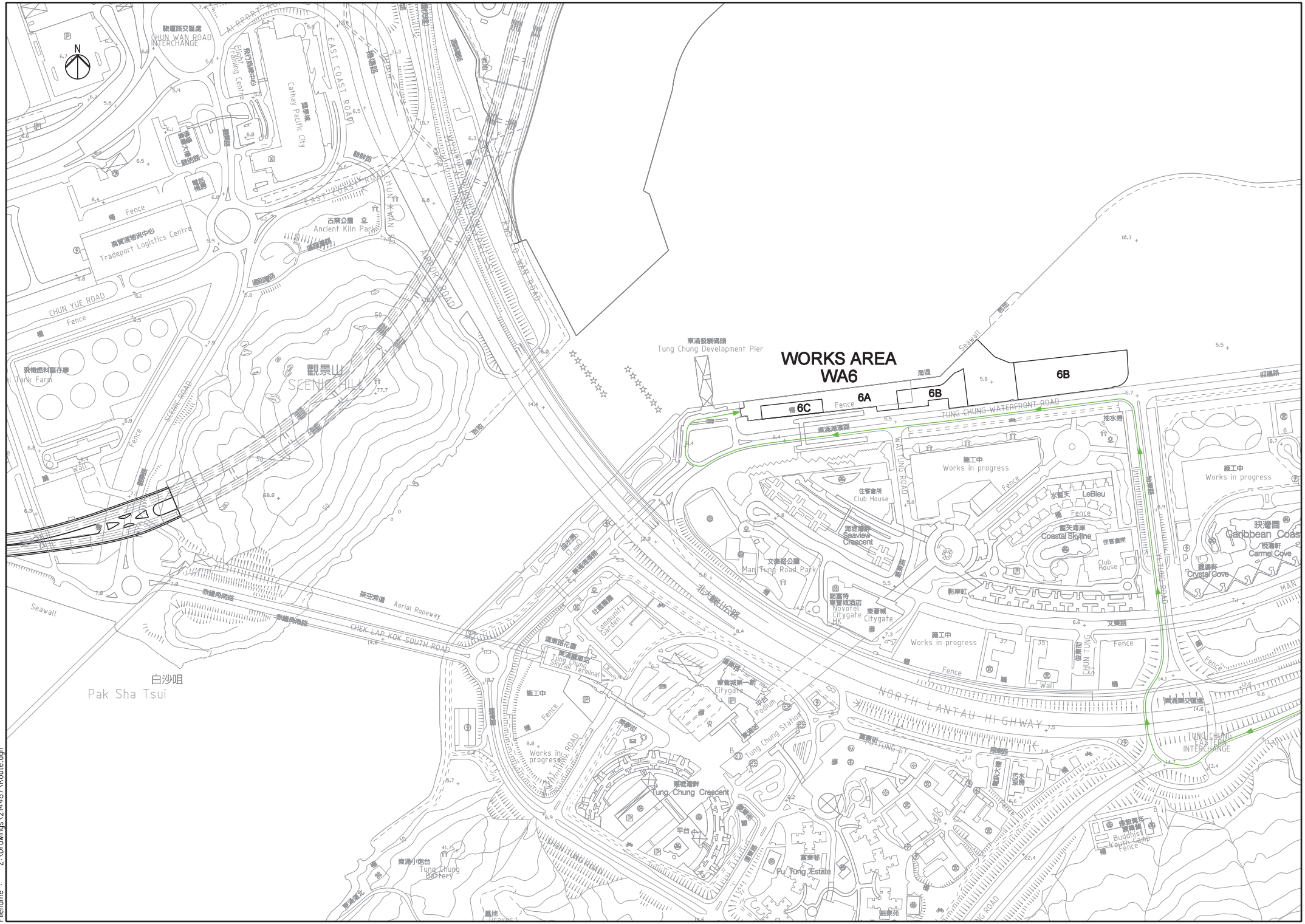

N
WORKS AREA
WA5
NORTH LANTAU HIGHWAY
CHEUNG TUNG ROAD
北大嶼山公路
HWM
Pipeline
Fence
Rocky Area
Pier
碼頭
Pak Mong
白芒
大蠔灣
TAI HO WAN
Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn



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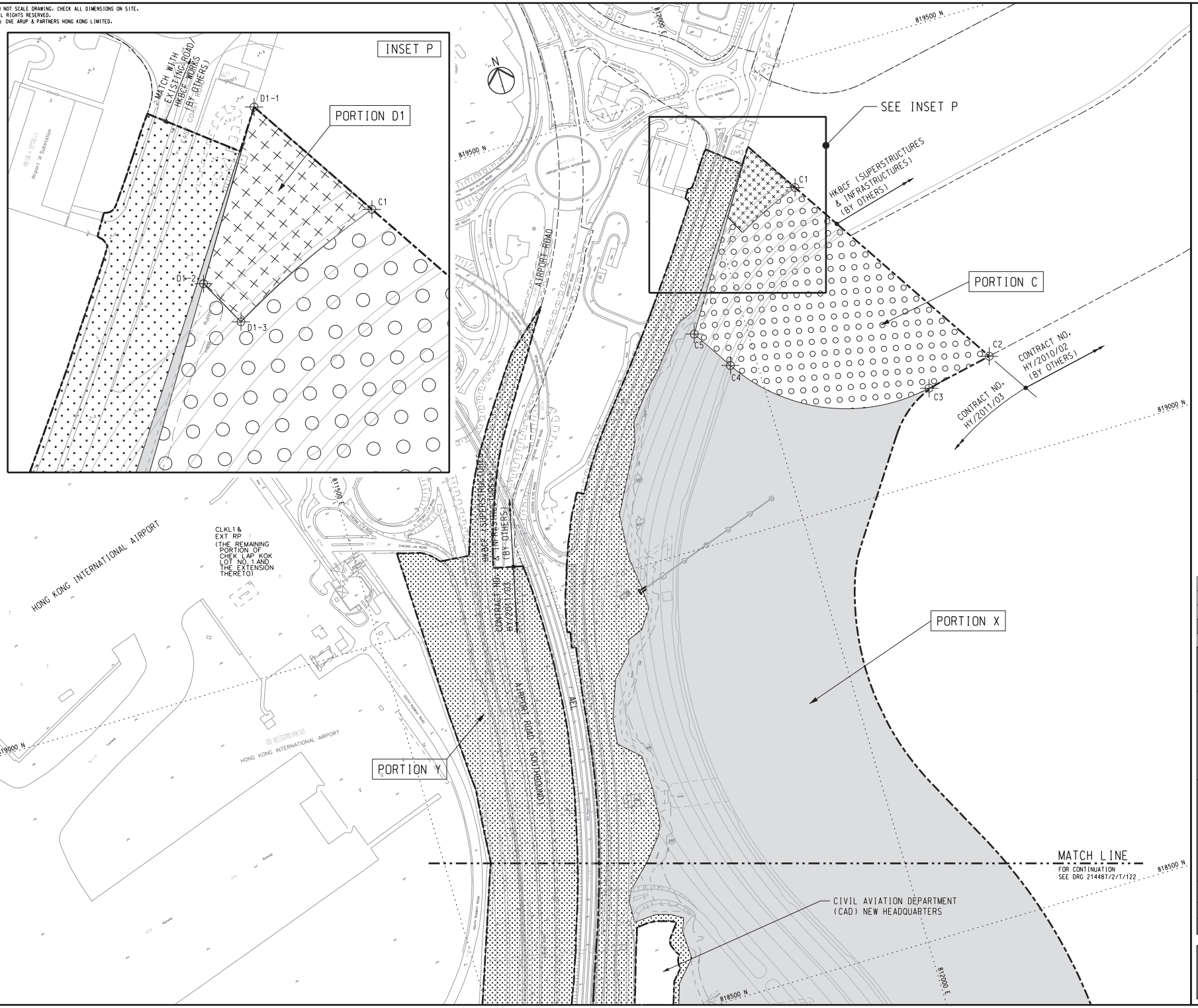

NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

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

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

Drawing title
PORTION OF SITE
(SHEET 3 OF 3)

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale: 1:2000 @A1
Status: TENDER

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

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NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

Drawing no.		Rev.
214487/2/T/122		A
Drawn: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:2000 @A1	Status: TENDER	

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

Printed by : 13/2/2012
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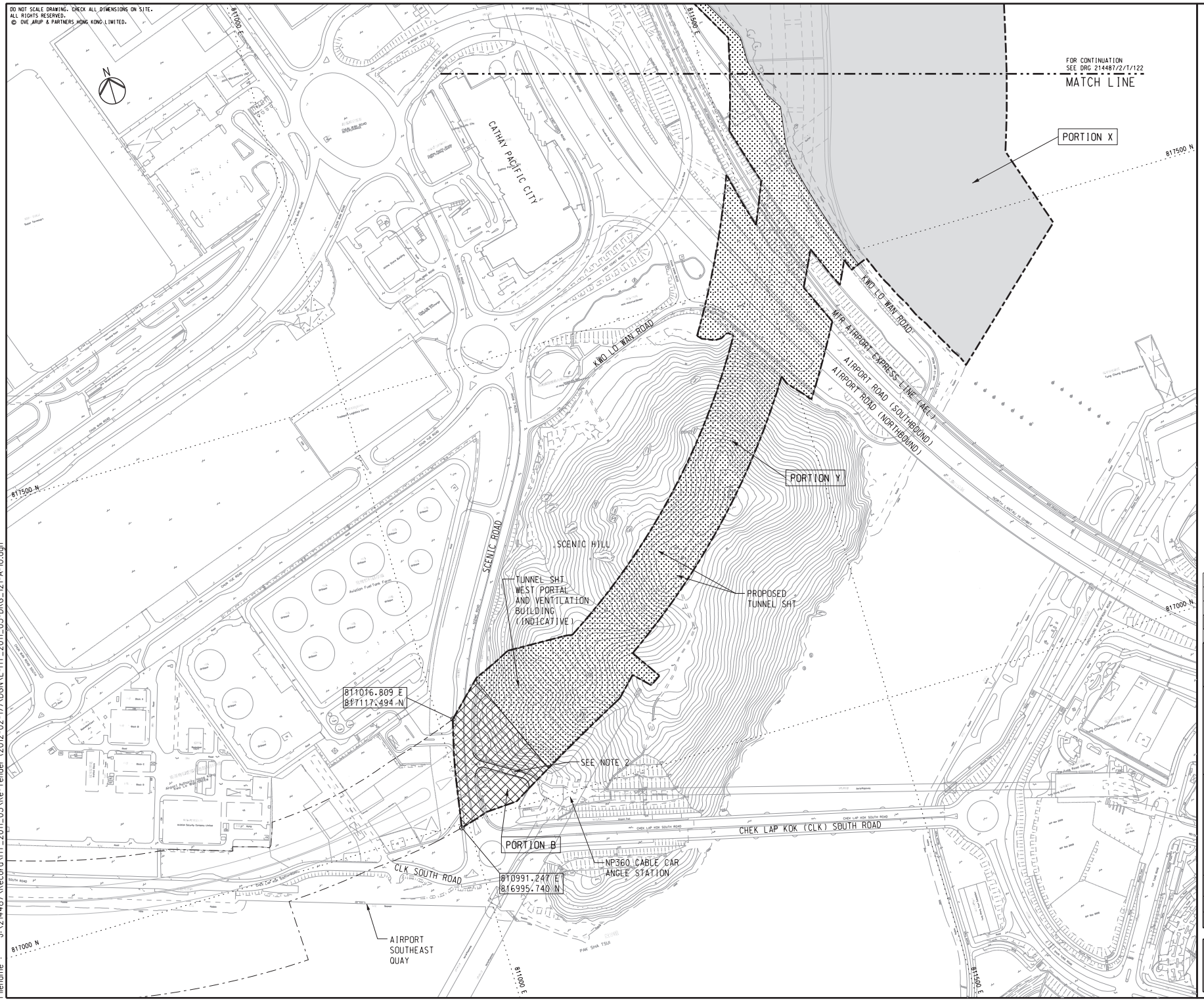

NOTES

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

LEGEND

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

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

APPENDIX D

Event and Action Plan

Event and Action Plan for Air Quality

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

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

Event and Action Plan for Noise

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

Event and Action Plan for Water Quality

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

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

Event and Action Plan for Dolphin Monitoring

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

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

Event and Action Plan for Mudflat Monitoring

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

APPENDIX E

Implementation Schedule of Environmental Mitigation Measures

Implementation Schedule of Environmental Mitigation Measures

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

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

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		compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies.					
S5.5.6.3	A3	3) The Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase.	Control construction dust	Contractor	All construction sites	Construction stage	√
S5.5.6	A5	5) Implement regular dust monitoring under EM&A programme during the construction stage.	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period.	Contractor	Selected representative dust monitoring station	Construction stage	√
S5.5.7.1	A6	The following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant: • Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system; • All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP; • Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system; • The materials which may generate airborne dusty emissions should be wetted by water spray system; • All receiving hoppers should be enclosed on three sides up to 3m above unloading point; • All conveyor transfer points should be totally	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period.	Contractor	Selected representative dust monitoring station	Construction stage	√

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

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S6.4.11	N2	2) Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the construction period.	Reduce the construction noise levels at low-level zone of NSRs through partial screening.	Contractor	All construction sites	Construction stage	√
S6.4.12	N3	3) Install movable noise barriers (typically density @ 14kg/m^2),acoustic mat or full enclosure close to noisy plants including air compressor, generators, saw.	Screen the noisy plant items to be used at all construction sites	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.13	N4	4) Select .Quiet plants. which comply with the BS 5228 Part 1 or TM standards.	Reduce the noise levels of plant items	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.14	N5	5) Sequencing operation of construction plants where practicable.	Operate sequentially within the same work site to reduce the construction airborne noise	Contractor	All construction sites where practicable	Construction stage	√
	N6	6) Implement a noise monitoring under EM&A programme.	Monitor the construction noise levels at the selected representative locations	Contractor	Selected representative noise monitoring station	Construction stage	√
Waste Management (Construction Waste)							
S8.3.8	WM1	Construction and Demolition Material	Good site practice to minimize the waste	Contractor	All construction sites	Construction stage	√

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		The following mitigation measures should be implemented in handling the waste: • Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; • Carry out on-site sorting; • Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; • Adopt .Selective Demolition. technique to demolish the existing structures and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible; • Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; and • Implement an enhanced Waste Management Plan similar to ETWBTC (Works) No. 19/2005. Environmental Management on Construction Sites. to encourage on-site sorting of C&D materials and to minimize their generation during the course of construction. • In addition, disposal of the C&D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get its approval before implementation	generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal				
S8.3.9 - S8.3.11	WM2	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	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final	Contractor	All construction sites	Construction stage	√

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		purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage. • The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage.	disposal				
S8.2.12 - S8.3.15	WM3	<u>Chemical Waste</u> • Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. • Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD; and display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the regulation.. • The storage area for chemical wastes should be clearly labeled and used solely for the storage of chemical waste; enclosed on at least 3 sides; have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest; have adequate ventilation; covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated.	Control the chemical waste and ensure proper storage, handling and disposal.	Contractor	All construction sites	Construction stage	√

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

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EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		waste management procedure, including reduction, reuse and recycling of wastes.					
Water Quality (Construction Phase)							
S9.11.1 - S9.11.1.2	W1	• Mitigation during the marine works to reduce impacts to within acceptable levels have been recommended and will comprise a series of measures that restrict the method and sequencing of dredging/backfilling, as well as protection measures. Details of the measures are provided below and summarised in the Environmental Mitigation Implementation Schedule in EM&A Manual. • Construction of seawalls to be advanced by at least 100-200m before the main reclamation dredging and filling can commence. It should be noted that the protection by advanced seawall is a dynamic process depending on the progress of the construction activities and the stage when such protection could be realised is illustrated in Figure 9.2 and detailed in Appendix 9D6 of the EIA Report. The part of the works where such measures can be undertaken for the majority of the time includes the following locations: - TMCLKL northern reclamation; - TMCLKL southern reclamation (after formation of the nips); - Reclamation dredging and filling for Portion 1 of HKLR;	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.11.1 - S9.11.1.2	W1	• Export for dredged spoils from NWWCZ avoiding exerting high demand on the disposal facilities in the NWWCZ and, hence, minimise potential cumulative impacts; • For the marine viaducts of HKLR, the bored piling will be undertaken within a metal casing; • A maximum of 30% public fill shall be used for all backfilling below -2.5mPD for the southern reclamation of TMCLKL, HKBCF and HKLR projects; • where public fill is proposed for filling below -2.5mPD, the fine content in the public fill will be	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		controlled to 25%; • silt curtains (cage type) will be applied round all grab dredgers during the HKLR southern reclamation works; • single layer silt curtains will be applied around all works; • during the first two months of dredging work for HKLR, the silt-removal efficiency of the silt-curtains shall be verified by examining the results of water quality monitoring points. The water quality monitoring points to be selected for the above shall be those close to the locations of the initial period of dredging work. Details in this regard shall be determined by the ENPO to be established, taking account of the Contractor's proposed actual locations of his initial period of dredging work. • silt curtain shall be fully maintained throughout the works.					
S9.11.1 - S9.11.1.2	W1	In addition, dredging operations should be undertaken in such a manner as to minimize resuspension of sediments. Standard good dredging practice measures should, therefore, be implemented including the following requirements which should be written into the dredging contract. • trailer suction hopper dredgers shall not allow mud to overflow; • use of Lean Material Overboard (LMOB) systems shall be prohibited;	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√
S9.11.1 - S9.11.1.2	W1	• mechanical grabs shall be designed and maintained to avoid spillage and should seal tightly while being lifted; • barges and hopper dredgers shall have tight fitting seals to their bottom openings to prevent leakage of material; • any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes; • loading of barges and hoppers shall be controlled to prevent splashing of dredged					√

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EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		material to the surrounding water. Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation; • excess material shall be cleaned from the decks and exposed fittings of barges and hopper dredgers before the vessel is moved; • adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • all vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and • the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.					
S9.11.1.3	W2	<u>Land Works</u> General construction activities on land should also be governed by standard good working practice. Specific measures to be written into the works contracts should include: • wastewater from temporary site facilities should be controlled to prevent direct discharge to surface or marine waters; • sewage effluent and discharges from on-site kitchen facilities shall be directed to Government sewer in accordance with the requirements of the WPCO or collected for disposal offsite. The use of soakaways shall be avoided; • storm drainage shall be directed to storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sediment basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal	To control construction water quality	Contractor	During seawall dredging and filling	Construction stage	√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		facilities. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks; • silt removal facilities, channels and manholes shall be maintained and any deposited silt and grit shall be removed regularly,including specifically at the onset of and after each rainstorm; • temporary access roads should be surfaced with crushed stone or gravel; • rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities; • measures should be taken to prevent the washout of construction materials, soil, silt or debris into any drainage system; • open stockpiles of construction materials (e.g. aggregates and sand) on site should be covered with tarpaulin or similar fabric during rainstorms; • manholes (including any newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers; • discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system;					

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

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EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
					location	period	
Ecology (Construction Phase)							
S10.7	E1	• Good site practices to avoid runoff entering woodland habitats in Scenic Hill • Reinstate works areas in Scenic Hill • Avoid stream modification in Scenic Hill	Avoid potential disturbance on habitat of Romer.s Tree Frog in Scenic Hill	Designer; Contractor	Scenic Hill	During construction	√
S10.7	E2	• Use closed grab in dredging works. • Install silt curtain during the construction. • Limit dredging and works fronts. • Construct seawall prior to reclamation filling where practicable. • Good site practices • Strict enforcement of no marine dumping. • Site runoff control3 • Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S10.7	E4	• Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater	Prevent Sedimentation from Land-based works areas	Contractor	Land-based works areas	During construction	√
S10.7	E5	• Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time	Prevent disturbance to terrestrial fauna and habitats	Contractor	Land-based works areas	During construction	√
S10.7	E6	• Dolphin Exclusion Zone; • Dolphin watching plan	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E7	• Decouple compressors and other equipment on working vessels • Avoidance of percussive piling • Marine underwater noise monitoring	Minimise marine noise impacts on dolphins	Contractor	Marine works	During marine works	√

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		• Temporal suspension of drilling bored pile casing in rock during peak dolphin calving season in May and June; • Handling with care for the installation of sheet piling for reclamation site					
S10.7	E8	• Control vessel speed • Skipper training. • Predefined and regular routes for working vessels; avoid Brothers Islands.	Minimise marine traffic disturbance on dolphins	Contractor	Marine traffic	During marine works	√
S10.10	E9	• Dolphin vessel monitoring • Mudflat ecological monitoring	Minimise marine traffic disturbance on dolphins	Contractor	North Lantau and West Lantau	Prior to construction, during construction, and 1 year after operation	√
Ecology (Operation Phase)							
S10.7	E10	• Preconstruction dive survey for corals	Minimise impacts on marine ecology	Contractor	The marine pier sites nearest to intertidal zone and along the shore of the HKLR reclamation site	Prior to marine construction works in these locations	√
Fisheries							
S11.7	F2	• Reduce re-suspension of sediments • Limit dredging and works fronts. • Good site practices • Strict enforcement of no marine dumping. • Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S11.7	F3	• Install silt-grease trap in the drainage system collecting surface runoff	Minimise impacts on marine water quality impacts	Designer	Reclamation area	During construction	√

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S11.7	F4	• Maritime Oil Spill Response Plan (MOSRP); • Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation	√
Landscape & Visual (Detailed Design Phase)							
S14.3. 3.1	LV1	General design measures include: • Roadside planting and planting along the edge of the reclamation is proposed; • Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; • Protection measures for the trees to be retained during construction activities; • Optimizing the sizes and spacing of the bridge columns; • Fine-tuning the location of the bridge columns to avoid visually sensitive locations; • Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on; • Considering the decorative urban design elements for HKLR, e.g. decorative road lightings; • Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; • Providing planting area around peripheral of HKLR for tree planting screening effect;	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	
S14.3.3.1		• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and	Minimise visual & landscape impact	Detailed designer	HKLR	Design Stage	

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment (refer to Figure 14.4.3).					
Landscape & Visual (Construction Phase)							
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts G1. Grass-hydroseed bare soil surface and stock pile areas. G2. Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic. G3. For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment. G4. Vegetation reinstatement and upgrading to disturbed areas. G5. Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed. G6. Provide planting area around peripheral of and within HKLR for tree screening buffer effect. G7. Plant salt tolerant native tree and shrubs etc along the planterstrip at affected seawall. G8. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt .natural-look. by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance .natural-look. of the new coastline (see Figure 14.4.2 for example).	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√
S14.3.3.3	LV3	Mitigate Visual Impacts V1.Minimize time for construction activities during construction period.					√

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.					
EM&A							
S15.5 - S15.6	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	Contractor	All construction sites	Construction stage	√

APPENDIX F

Site Audit Findings and Corrective Actions

Appendix F – Site Audit Findings and Corrective Actions

1.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting period, twelve site inspections were carried out on 4, 11, 18 and 31 December 2013; 8, 15, 22 and 28 January 2014 and 5, 12, 19 and 28 February 2014.

1.1.2 Particular observations during the site inspections are described below.

4 December 2013

(a) Temporary stockpile of dusty material without dust control measures at West Portal were observed. Water spraying was provided for the unpaved area to minimise fugitive dust emissions. (This observation was found on 29 November 2013 and closed on 4 December 2013.)

(b) Haul road was noted dry at S16. Water vehicle was arranged by the contractor to spray water on the unpaved area at S16. (This observation was found on 29 November 2013 and closed on 4 December 2013.)

(c) Oil leakage was found on the ground at S16. The leak out oil was cleaned out by the contractor at S16. (This observation was closed on 11 December 2013.)

(d) The drip tray for the chemical containers was overloaded at S16. The top layer of chemical containers was removed by the contractor at S16. (This observation was closed on 11 December 2013.)

(e) An oil container was found to be without drip tray at S16. A drip tray was provided by the contractor for the oil containers at S16. (This observation was closed on 11 December 2013.)

11 December 2013

(a) There was gap between the silt curtain at Portion X. The contactor provided maintenance for the silt curtains and there was no gap between silt curtains at Portion X. (This observation was closed on 18 December 2013.)

(b) An oil container was found to be without drip tray at vessel Chung Shang 1003. The oil container was removed by the contractor at vessel Chung Shang 1003. (This observation was closed on 18 December 2013.)

(c) An oil container was found to be without drip tray at S15.The oil container was removed by the contractor at S15. (This observation was closed on 18 December 2013.)

(d) Some materials were placed on the top of oil containers at S15. The materials were removed by the contractor at S15. (This observation was closed on 18 December 2013.)

(e) An oil container was found to be without drip tray at S17. The oil container was removed by the contractor at S17. (This observation was closed on 18 December 2013.)

(f) Chemical containers were found to be without drip trays at S23. The chemical containers were stored inside a drip tray at S23. (This observation was closed on 18 December 2013.)

18 December 2013

(a) No drip tray was provided for chemical containers at YM01. The chemical containers were removed at YM01. (This observation was closed on 24 December 2013.)

(b) No drip tray was provided for chemical containers at N13. The chemical containers were removed at N13. (This observation was closed on 24 December 2013.)

(c) Stagnant water was inside the I-beams at S15. Stagnant water inside the I-beams was removed at S15. (This observation was closed on 24 December 2013.)

(d) Stagnant water was inside a drip tray at S16. Stagnant water inside the drip tray was cleared at S16. (This observation was closed on 24 December 2013.)

(e) Stagnant water was inside I-beam at WA03. Stagnant water inside I-beam was removed at WA03. (This observation was closed on 24 December 2013.)

(f) Unpaved area was dry at WA04. Dry area was covered with the black plastic sheets to prevent fugitive dust emission. (This observation was closed on 24 December 2013.)

(g) Dust emissions were generated from excavation activities at N1. Water spray was provided during excavation works to prevent dust emissions at N1. (This observation was closed on 24 December 2013.)

24 December 2013

(a) Fill materials were found on the passage way of barge Tak Ming. Fill materials was cleared on the passage way of barge Tak Ming. (This observation was closed on 31 December 2013.)

(b) Oil containers were found without drip trays at N1. Oil containers were placed inside the drip tray at N1. (This observation was closed on 31 December 2013.)

(c) Dust emissions were generated from pilling activity at S11. Water spraying was provided during pilling activities to prevent dust emissions at S11 (This observation was closed on 31 December 2013.)

(d) A drip tray was overloaded with chemical containers at S15. The top layer of chemical containers was removed by the contractor at S15. (This observation was closed on 31 December 2013.)

31 December2013

(a) Drain holes on drip tray for chemical containers were not sealed and oil leakage was observed at N1. The contractor was reminded to seal the drain hole at drip trays and clear oil leakage at N1.

(b) Haul road was observed dry at N4. The contractor was reminded to strengthen dust control measures at haul road at N4.

8 January 2014

(a) Drain holes on drip tray for chemical containers were not sealed and oil leakage was observed at N1. The drain hole on the drip tray was sealed by plastic stopper at N1 to prevent oil leakage. (This observation was found on 31 December 2013 and closed on 8 January 2014.)

(b) Haul road was observed dry at N4. The Contractor sprayed water regularly for unpaved road at N4. (This observation was found on 31 December 2013 and closed on 8 January 2014.)

(c) Stockpile of sandy materials at S15 was not covered by impervious sheeting or sprayed with water. The stockpile of sandy materials was removed at S15. (This observation was found on 31 December 2013 and closed on 8 January 2014.)

(d) Fill materials were found on storage platform near barge Tak Ming. The fill materials were removed from the storage platform near barge Tak Ming. (This observation was closed on 15 January 2014.)

(e) More than 20 bags of cement were not covered properly at N1. The cement bags were covered entirely by impervious sheeting at N1. (This observation was closed on 15 January 2014.)

(f) Fill materials were found on the passage way and had not provided canvas at the gap between vessel when loading materials at S7. The fill materials were removed on the passage way and a canvas was used to cover the gap between vessel at S7. (This observation was closed on 15 January 2014.)

(g) Stagnant water was found inside a drip tray with a generator at S8. Stagnant water was removed from the drip tray at S8. (This observation was closed on 15 January 2014.)

(h) Construction materials were placed inside a drip tray with a generator at S8. The construction materials were removed from the drip tray at S8. (This observation was closed on 15 January 2014.)

(i) Oil leakage was found inside a wheel washing bay at S8. The oil leakage inside wheel washing bay was cleaned up at S8. (This observation was closed on 15 January 2014.)

(j) Oil containers were found without drip trays at S11. The oil containers were placed inside a drip tray at S11. (This observation was closed on 15 January 2014.)

(k) Chemical containers were found without drip trays at WA03. The chemical containers were removed from WA03. (This observation was closed on 15 January 2014.)

15 January 2014

(a) Unpaved road was observed dry at S16. Water spray was provided by Contractor on the unpaved road at S16. (This observation was closed on 22 January 2014.)

(b) Dusty materials were not covered entirely by impervious sheeting or sprayed with water at WA4. The dusty materials were covered properly at WA4. (This observation was closed on 22 January 2014.)

(c) Dust emissions area generated from drilling works at N13. Water spray was provided when power driven drilling activity was taken at N13. (This observation was closed on 22 January 2014.)

(d) More than 20 bags of cement were not covered properly at S23. Cements storage area was covered properly at S23. (This observation was closed on 22 January 2014.)

(e) Oil containers were found without drip tray at N4. The oil containers were removed by Contractor at N4. (This observation was closed on 22 January 2014.)

(f) Chemical containers were found without drip trays at N13. Drip trays were provided for chemical containers at N13. (This observation was closed on 22 January 2014.)

22 January 2014

(a) Oil containers were found to be without drip tray at S11. The oil containers were removed at S11. (This observation was closed on 28 January 2014.)

(b) More than 20 bags of cement were not covered properly at S8/S9. The cement bags were removed at S8/S9. (This observation was closed on 28 January 2014.)

(c) Sand stockpile was found to be dry and not covered properly at N1. The sand stockpile was covered properly at N1. (This observation was closed on 28 January 2014.)

(d) Sand stockpile was found to be dry and not covered properly at S8/S9. The sand stockpile was covered at S8/S9. (This observation was closed on 28 January 2014.)

(e) A gap was found between each silt curtains at Portion X. The contactor provided maintenance for the silt curtains and there was no gap between silt curtains at Portion X. (This observation was closed on 28 January 2014.)

(f) A drip tray for chemical containers was overloaded at S19. The contractor provided sufficient drip tray for chemical containers. (This observation was closed on 28 January 2014.)

28 January 2014

(a) Stagnant water was found at N13. The Contractor was reminded to remove stagnant water to avoid mosquito breeding.

5 February 2014

(a) Stagnant water was found at the pits at site entrance N13. The pit was filled up by sand at site entrance N13. (This observation was found on 28 January 2014 and closed on 5 February 2014.)

(b) The stagnant water was found inside a drip tray at N4. The stagnant water inside the drip tray was cleaned up and removed by the Contractor at N4. (This observation was closed on 12 February 2014.)

(c) Excess fill materials were found on the passage way of vessel at S7.The excess fill materials on passage way of vessel were cleaned up at S7. (This observation was closed on 12 February 2014.)

(d) Dusty materials were not covered properly at WA04. Dusty materials were covered properly at WA04. (This observation was closed on 12 February 2014.)

(e) The chemical container was found without drip tray at S11. The chemical container was removed at S11. (This observation was closed on 12 February 2014.)

12 February 2014

(a) The gap between vessel Tak Ming and the sand pump platform should be covered by canvas when transfer of sand. A canvas was used to cover the gap between Tak Ming and sand pump platform. (This observation was closed on 19 February 2014.)

(b) Sand was found on the plastic bucket near the sand pump platform. Sand was removed from the plastic bucket near the sand pump platform. (This observation was closed on 19 February 2014.)

(c) Chemical and oil containers were found without drip trays at N18. Chemical and oil containers were removed at N18. (This observation was closed on 19 February 2014.)

(d) Oil leakage was found inside a wheel washing bay at S8. Oil leakage in the wheel washing bay at S8 was cleaned up. (This observation was closed on 19 February 2014.)

(e) No bund was provided for the storage area for oil containers at S16 to retain potential oil leakage. The oil containers were removed from the storage area at S16. (This observation was closed on 19 February 2014.)

19 February 2014

(a) Excess fill materials were found on the passage way of Chun Ming 68 at S7. Excess fill material on the passage way of Chun Ming 68 at S7 was cleaned up. (This observation was closed on 28 February 2014.)

(b) Oil leakage was found under the generator at S19. Oil leakage under the generator was cleaned up at S19. (This observation was closed on 28 February 2014.)

(c) Rubbish was found under the generator at S19. Rubbish under the generator was cleaned up at S19. (This observation was closed on 28 February 2014.)

(d) Oil container and chemical containers were found without drip tray at S25. Drip tray was provided to the containers at S25. (This observation was closed on 28 February 2014.)

(e) Oil leakage was found on the road surface at S23. Oil leakage was cleaned up on the road surface at S23. (This observation was closed on 28 February 2014.)

(f) Stagnant water was found on the concrete slab at S25. Stagnant water on the concrete slab was cleaned up at S25. (This observation was closed on 28 February 2014.)

28 February 2014

(a) Haul road was dry at N4. The Contractor was reminded to provide water spray at N4.

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

(c) The plug to block the drain hole of drip tray was missing at S23. The Contractor was reminded to provide a plug to avoid oil spillage.

(d) Stagnant water was found in a drip tray without plug blocking the drain hole at S23. The Contractor was reminded to clean up stagnant water and provide a plug to avoid oil spillage at S23.

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

APPENDIX G

Air Quality Monitoring Data and Graphical Plots

Air Quality Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2013-12-02	AMS5	9:33	1-hr TSP	29	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS5	10:33	1-hr TSP	28	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS5	11:33	1-hr TSP	35	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	9:25	1-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	10:25	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	11:25	1-hr TSP	60	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	9:26	1-hr TSP	172	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	10:26	1-hr TSP	165	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	11:26	1-hr TSP	137	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	13:50	1-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	14:50	1-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	15:50	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	13:15	1-hr TSP	133	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	14:15	1-hr TSP	139	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	15:15	1-hr TSP	136	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	9:26	1-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	10:26	1-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	11:26	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS5	9:21	1-hr TSP	140	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS5	10:21	1-hr TSP	111	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS5	11:21	1-hr TSP	154	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS5	9:31	1-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS5	10:31	1-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS5	11:31	1-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS5	13:56	1-hr TSP	18	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS5	14:56	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS5	15:56	1-hr TSP	27	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS5	9:35	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS5	10:35	1-hr TSP	67	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS5	11:35	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS5	9:31	1-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS5	10:31	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS5	11:31	1-hr TSP	59	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS5	9:35	1-hr TSP	72	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS5	10:35	1-hr TSP	76	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS5	11:35	1-hr TSP	88	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS5	13:35	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS5	14:35	1-hr TSP	5	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS5	15:35	1-hr TSP	6	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS5	9:31	1-hr TSP	77	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS5	10:31	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS5	11:31	1-hr TSP	88	ug/m^3
HKLR	HY/2011/03	2014-02-17	AMS5	13:27	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2014-02-17	AMS5	14:27	1-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2014-02-17	AMS5	15:27	1-hr TSP	143	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS5	13:16	1-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS5	14:16	1-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS5	15:16	1-hr TSP	51	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS5	9:29	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS5	10:29	1-hr TSP	50	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS5	11:29	1-hr TSP	41	ug/m^3

HKLR	HY/2011/03	2013-12-05	AMS5	8:00	24-hr TSP	143	ug/m^3
HKLR	HY/2011/03	2013-12-11	AMS5(1)	8:00	24-hr TSP	-	ug/m^3
HKLR	HY/2011/03	2013-12-20	AMS5(2)	14:45	24-hr TSP	154	ug/m^3
HKLR	HY/2011/03	2013-12-23	AMS5	13:40	24-hr TSP	139	ug/m^3
HKLR	HY/2011/03	2013-12-27	AMS5	8:00	24-hr TSP	195	ug/m^3
HKLR	HY/2011/03	2014-01-02	AMS5	8:00	24-hr TSP	102	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS5(3)	17:40	24-hr TSP	90	ug/m^3
HKLR	HY/2011/03	2014-01-14	AMS5	8:00	24-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-01-20	AMS5	8:00	24-hr TSP	161	ug/m^3
HKLR	HY/2011/03	2014-01-24	AMS5(4)	8:00	24-hr TSP	-	ug/m^3
HKLR	HY/2011/03	2014-01-29	AMS5	14:00	24-hr TSP	42	ug/m^3
HKLR	HY/2011/03	2014-02-04	AMS5	8:00	24-hr TSP	51	ug/m^3
HKLR	HY/2011/03	2014-02-10	AMS5	8:00	24-hr TSP	54	ug/m^3
HKLR	HY/2011/03	2014-02-14	AMS5	8:00	24-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2014-02-20	AMS5	8:00	24-hr TSP	88	ug/m^3
HKLR	HY/2011/03	2014-02-26	AMS5	8:00	24-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	13:32	1-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	14:32	1-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	15:32	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	13:28	1-hr TSP	104	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	14:28	1-hr TSP	69	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	15:28	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	13:05	1-hr TSP	121	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	14:05	1-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	15:05	1-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	8:15	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	9:15	1-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	10:15	1-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	8:15	1-hr TSP	94	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	9:15	1-hr TSP	93	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	10:15	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	13:28	1-hr TSP	122	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	14:28	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	15:28	1-hr TSP	95	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS6	13:01	1-hr TSP	130	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS6	14:01	1-hr TSP	212	ug/m^3
HKLR	HY/2011/03	2014-01-03	AMS6	15:01	1-hr TSP	284	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS6	13:28	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS6	14:28	1-hr TSP	89	ug/m^3
HKLR	HY/2011/03	2014-01-09	AMS6	15:28	1-hr TSP	94	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS6	7:55	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS6	8:55	1-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2014-01-15	AMS6	9:55	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS6	13:28	1-hr TSP	62	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS6	14:28	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2014-01-21	AMS6	15:28	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS6	13:35	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS6	14:35	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2014-01-27	AMS6	15:35	1-hr TSP	64	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS6	13:29	1-hr TSP	72	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS6	14:29	1-hr TSP	53	ug/m^3
HKLR	HY/2011/03	2014-01-30	AMS6	15:29	1-hr TSP	56	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS6	8:15	1-hr TSP	36	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS6	9:15	1-hr TSP	36	ug/m^3
HKLR	HY/2011/03	2014-02-05	AMS6	10:15	1-hr TSP	30	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS6	13:22	1-hr TSP	54	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS6	14:22	1-hr TSP	60	ug/m^3
HKLR	HY/2011/03	2014-02-13	AMS6	15:22	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-02-17	AMS6	9:06	1-hr TSP	167	ug/m^3
HKLR	HY/2011/03	2014-02-17	AMS6	10:06	1-hr TSP	78	ug/m^3

HKLR	HY/2011/03	2014-02-17	AMS6	11:06	1-hr TSP	71	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS6	9:12	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS6	10:12	1-hr TSP	60	ug/m^3
HKLR	HY/2011/03	2014-02-21	AMS6	11:12	1-hr TSP	56	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS6	13:14	1-hr TSP	46	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS6	14:14	1-hr TSP	64	ug/m^3
HKLR	HY/2011/03	2014-02-27	AMS6	15:14	1-hr TSP	54	ug/m^3
HKLR	HY/2011/03	2013-12-05	AMS6	8:00	24-hr TSP	99	ug/m^3
HKLR	HY/2011/03	2013-12-11	AMS6	8:00	24-hr TSP	224	ug/m^3
HKLR	HY/2011/03	2013-12-17	AMS6	8:00	24-hr TSP	31	ug/m^3
HKLR	HY/2011/03	2013-12-23	AMS6	8:00	24-hr TSP	229	ug/m^3
HKLR	HY/2011/03	2013-12-27	AMS6	8:00	24-hr TSP	262	ug/m^3
HKLR	HY/2011/03	2014-01-02	AMS6	8:00	24-hr TSP	151	ug/m^3
HKLR	HY/2011/03	2014-01-08	AMS6	8:00	24-hr TSP	187	ug/m^3
HKLR	HY/2011/03	2014-01-14	AMS6	8:00	24-hr TSP	120	ug/m^3
HKLR	HY/2011/03	2014-01-20	AMS6	8:00	24-hr TSP	213	ug/m^3
HKLR	HY/2011/03	2014-01-24	AMS6	8:00	24-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2014-01-29	AMS6	8:00	24-hr TSP	86	ug/m^3
HKLR	HY/2011/03	2014-02-04	AMS6	8:00	24-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-02-10	AMS6	8:00	24-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2014-02-14	AMS6	8:00	24-hr TSP	83	ug/m^3
HKLR	HY/2011/03	2014-02-20	AMS6	8:00	24-hr TSP	110	ug/m^3
HKLR	HY/2011/03	2014-02-26	AMS6	8:00	24-hr TSP	112	ug/m^3

Remark:

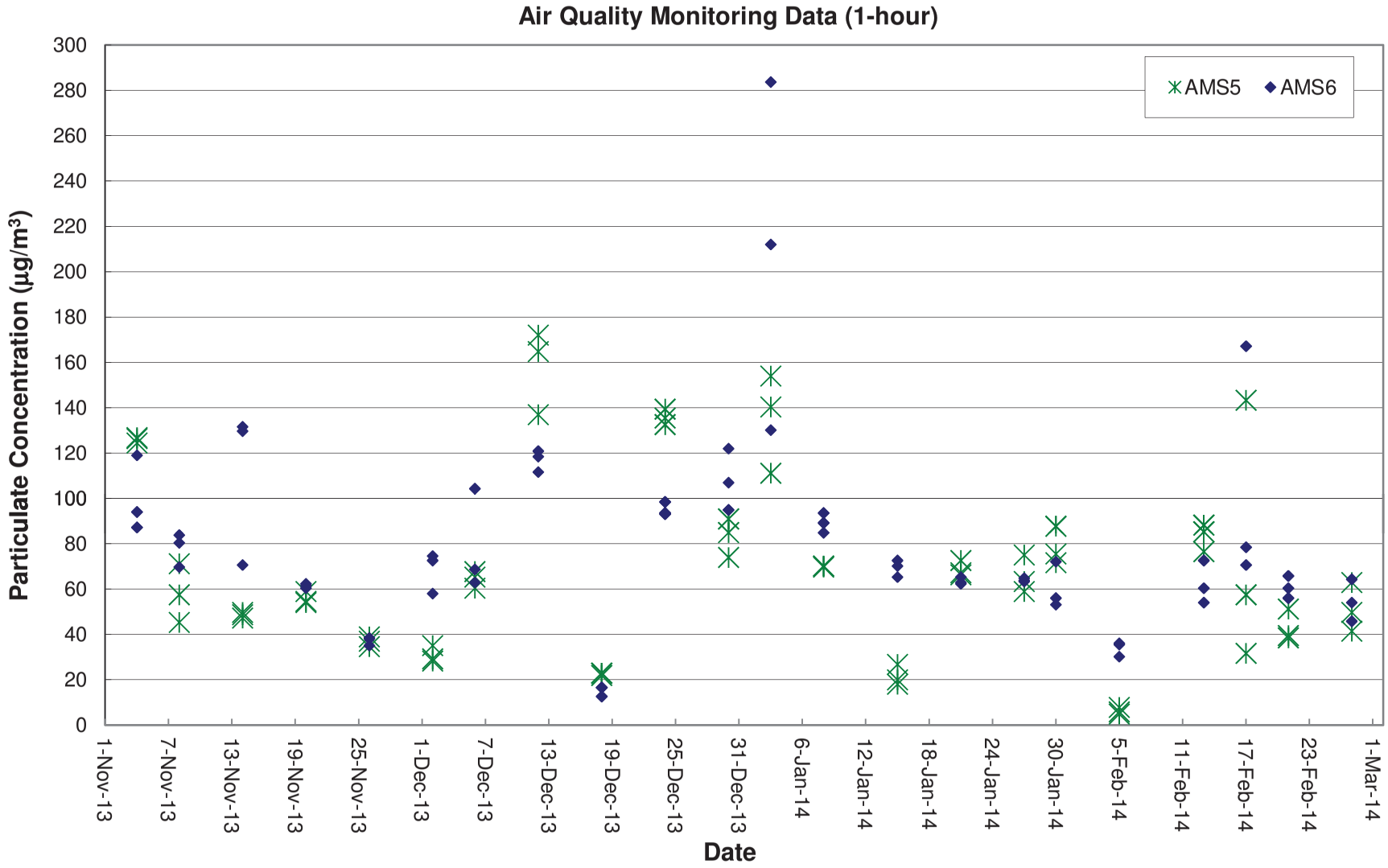
1)Due to interruption of electricity supply during sampling period , the 24hr- dust monitoring result on 11 Dec 2013 at AMS5 was considered invalid.

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

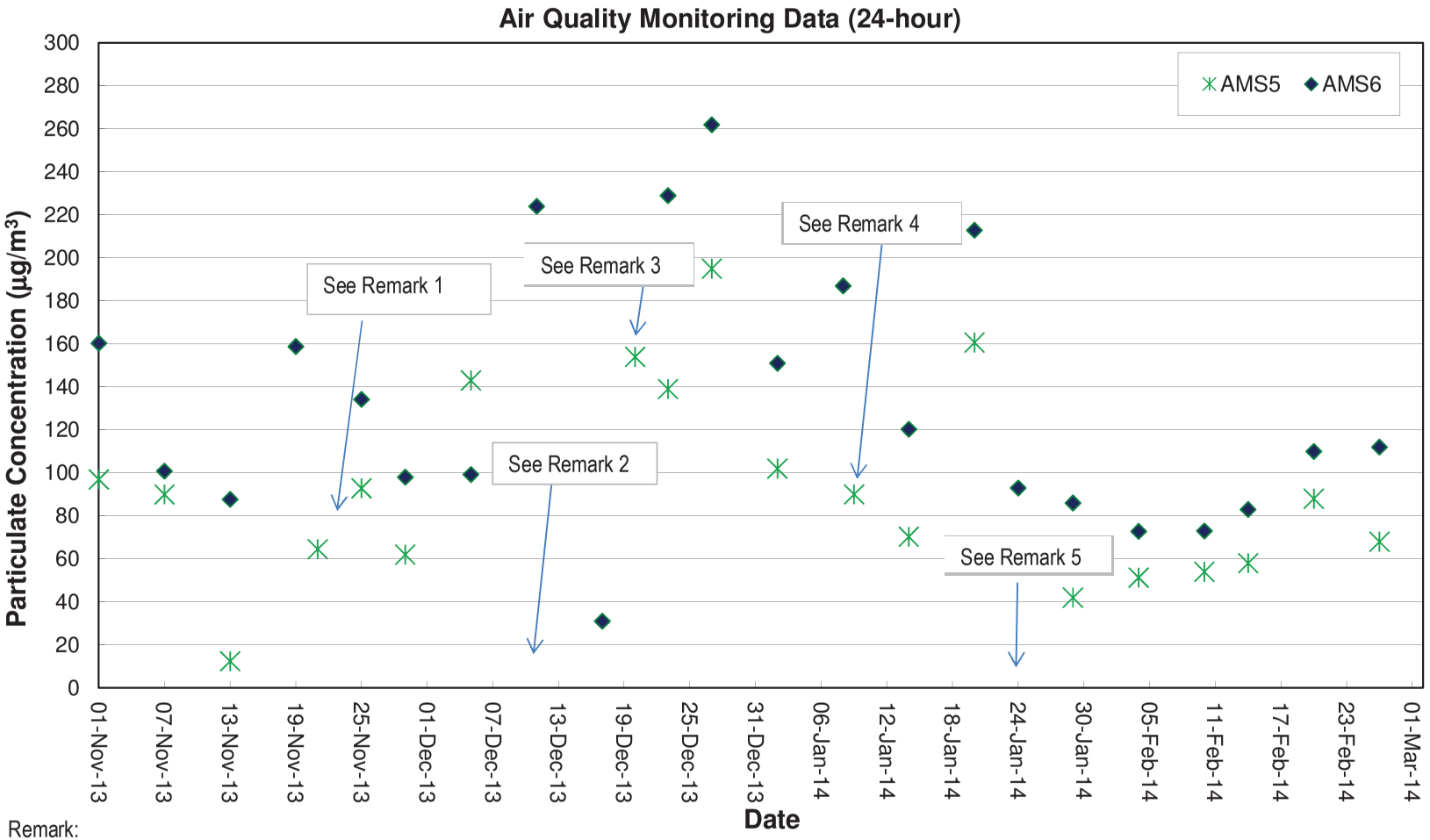
3)Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr-dust monitoring result on 8 Jan 2014 was considered invalid. 24 hrs dust monitoring was rescheduled on 9 Jan 2014.

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

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remark:

1) Due to the electricity supply problem to high volume sampler, the 24-hr dust monitoring at AMS5 was rescheduled from 19 Nov 2013 to 21 Nov 2013.

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

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

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

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

APPENDIX H

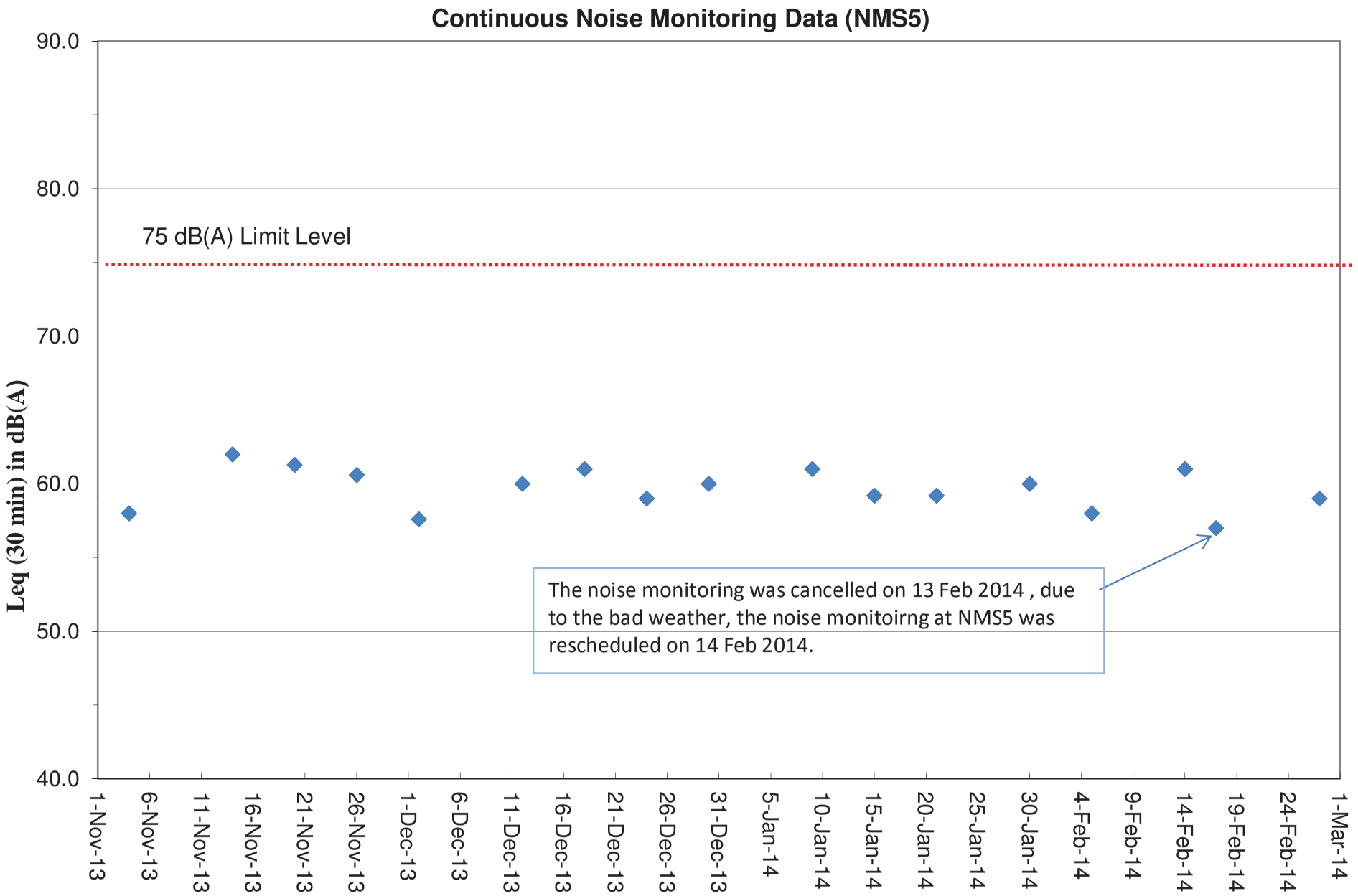
Noise Monitoring Data and Graphical Plots

Noise Monitoring Result of NMS5 from December 2013 to February 2014

Project	Works	Date (yyyy-mm-dd)	Station	Time	Wind Speed, m/s	Parameter	Results*	Unit
HKLR	HY/2011/03	2013-12-02	NMS5	9:40	<5	L eq 30 min	58	dB(A)
HKLR	HY/2011/03	2013-12-12	NMS5	9:50	<5	L eq 30 min	60	dB(A)
HKLR	HY/2011/03	2013-12-18	NMS5	14:20	<5	L eq 30 min	61	dB(A)
HKLR	HY/2011/03	2013-12-24	NMS5	13:45	<5	L eq 30 min	59	dB(A)
HKLR	HY/2011/03	2013-12-30	NMS5	9:30	<5	L eq 30 min	60	dB(A)
HKLR	HY/2011/03	2014-01-09	NMS5	9:50	<5	L eq 30 min	61	dB(A)
HKLR	HY/2011/03	2014-01-15	NMS5	14:21	<5	L eq 30 min	59	dB(A)
HKLR	HY/2011/03	2014-01-21	NMS5	10:00	<5	L eq 30 min	59	dB(A)
HKLR	HY/2011/03	2014-01-30	NMS5	14:01	<5	L eq 30 min	60	dB(A)
HKLR	HY/2011/03	2014-02-05	NMS5	14:02	<5	L eq 30 min	58	dB(A)
HKLR	HY/2011/03	2014-02-14	NMS5(1)	15:10	<5	L eq 30 min	61	dB(A)
HKLR	HY/2011/03	2014-02-17	NMS5	13:49	<5	L eq 30 min	57	dB(A)
HKLR	HY/2011/03	2014-02-27	NMS5	9:55	<5	L eq 30 min	59	dB(A)

Noted: * +3dB(A) Facade correction included.

(1) The noise monitoring was cancelled on 13 Feb 2014 , due to the bad weather, the noise monitoirng at NMS5 was rescheduled to 14 Feb 2014.


Continuous Noise Monitoring Data (NMS5)
Leq (30 min) in dB(A)
90.0
80.0
70.0
60.0
50.0
40.0
75 dB(A) Limit Level
The noise monitoring was cancelled on 13 Feb 2014 , due to the bad weather, the noise monitoirng at NMS5 was rescheduled on 14 Feb 2014.
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14

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	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:38	1.0	Surface	1	1	19.84	7.97	32.31	97.1	7.32	6	6.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:58	1.0	Surface	1	2	19.83	7.96	32.31	97.1	7.32	6.3	7.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:24	4.9	Middle	2	1	19.83	7.96	32.32	96.7	7.29	6	7.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:45	4.9	Middle	2	2	19.82	7.96	32.32	96.8	7.3	5.9	6.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:33	8.8	Bottom	3	1	19.83	7.96	32.32	96.9	7.31	6.4	10
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:13	8.8	Bottom	3	2	19.82	7.96	32.32	96.7	7.29	6.2	8.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:30	1.0	Surface	1	1	19.92	7.97	32.36	97.4	7.33	13	6.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:10	1.0	Surface	1	2	19.92	7.96	32.36	98.1	7.38	12.4	6.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:20	2.3	Bottom	3	1	19.92	7.96	32.36	97.7	7.35	13.6	8.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:01	2.3	Bottom	3	2	19.92	7.96	32.36	98.6	7.42	13	10.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:48	1.0	Surface	1	1	19.96	7.96	32.21	100.6	7.57	6.6	9.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:31	1.0	Surface	1	2	19.95	7.96	32.2	101.1	7.61	6.7	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:40	2.3	Bottom	3	1	19.89	7.96	32.21	100.6	7.58	6.4	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:22	2.3	Bottom	3	2	19.88	7.96	32.2	101.2	7.62	6.4	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:37	1.0	Surface	1	1	20.68	7.98	32.53	99	7.34	5.5	4.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:08	1.0	Surface	1	2	20.63	7.97	32.61	99.1	7.35	6	4.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:20	2.7	Bottom	3	1	20.46	7.97	32.66	98.2	7.3	6.4	5.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:45:56	2.7	Bottom	3	2	20.51	7.97	32.64	99	7.36	6.6	5.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:54	1.0	Surface	1	1	20.17	7.97	32.23	98.3	7.37	8.1	7.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:40	1.0	Surface	1	2	20.15	7.97	32.22	98.5	7.38	7.9	6.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:32	2.7	Bottom	3	1	20.25	7.96	32.43	99.2	7.41	8.9	8.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:48	2.7	Bottom	3	2	20.24	7.97	32.41	99	7.4	8.6	7.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:52	1.0	Surface	1	1	20.52	8.25	32.84	96.5	7.16	3.7	7.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:50	1.0	Surface	1	2	20.54	8.25	32.82	96.6	7.16	3.8	8.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:40	5.3	Middle	2	1	20.4	8.25	32.87	96	7.14	4.4	6.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:36	5.3	Middle	2	2	20.4	8.25	32.88	95.8	7.13	4.4	8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:26	9.6	Bottom	3	1	20.4	8.25	32.87	96.2	7.16	4.5	8.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:20	9.6	Bottom	3	2	20.4	8.25	32.87	96.1	7.15	4.6	8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR3	10:56:40	0.9	Middle	2	1	19.87	7.95	32.31	100	7.54	6	12.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR3	10:56:50	0.9	Middle	2	2	19.85	7.95	32.31	99.2	7.48	5.9	11.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:12	1.0	Surface	1	1	20.46	7.97	32.72	98.4	7.31	5.3	8.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:40:05	1.0	Surface	1	2	20.47	7.97	32.73	97.9	7.28	5.8	8.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:06	2.5	Bottom	3	1	20.47	7.97	32.73	98.9	7.35	6	9.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:54	2.5	Bottom	3	2	20.46	7.97	32.74	99.1	7.37	6.3	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:40	1.0	Surface	1	1	20.44	8.25	32.84	97.7	7.26	3.7	8.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:11:04	1.0	Surface	1	2	20.43	8.25	32.83	97.6	7.26	3.7	7.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:52	3.3	Bottom	3	1	20.44	8.25	32.86	97.5	7.24	3.7	11.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:28	3.3	Bottom	3	2	20.43	8.25	32.86	97.8	7.27	3.7	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:02	1.0	Surface	1	1	21.3	7.95	33.12	91.7	6.7	5.1	6.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:40	1.0	Surface	1	2	21.29	7.95	33.12	91.4	6.68	5.1	6.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:44:48	3.6	Middle	2	1	21.29	7.95	33.13	91.4	6.68	5.8	13
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:28	3.6	Middle	2	2	21.29	7.95	33.13	91.2	6.66	5.7	12
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:44:39	6.1	Bottom	3	1	21.29	7.94	33.13	91.6	6.69	5	12.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:19	6.1	Bottom	3	2	21.29	7.95	33.13	91.2	6.66	5.2	12.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:38	1.0	Surface	1	1	21.3	7.96	33.12	91.2	6.66	4.5	11.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:08	1.0	Surface	1	2	21.3	7.95	33.12	91.3	6.67	4.6	12.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:58:52	4.8	Bottom	3	1	21.29	7.95	33.13	91.2	6.66	4.9	11.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:26	4.8	Bottom	3	2	21.3	7.96	33.13	91.1	6.65	5	10.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:06	1.0	Surface	1	1	20.39	8.31	32.85	98.6	7.33	6.7	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:55	1.0	Surface	1	2	20.43	8.3	32.84	98.1	7.29	6.9	8.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:39	4.0	Middle	2	1	20.32	8.3	32.86	97.5	7.26	7.8	9.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:46:54	4.0	Middle	2	2	20.32	8.32	32.86	98.4	7.33	7.6	10.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:46:30	7.0	Bottom	3	1	20.31	8.34	32.7	99.6	7.43	7.9	9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:23	7.0	Bottom	3	2	20.32	8.31	32.83	97.8	7.28	8.1	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:59	1.0	Surface	1	1	21.4	7.95	33.15	91.9	6.7	4	7.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:38	1.0	Surface	1	2	21.4	7.96	33.15	91.7	6.68	3.7	7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:44	6.9	Middle	2	1	21.34	7.95	33.16	91.1	6.65	4.2	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:23	6.9	Middle	2	2	21.34	7.95	33.16	91	6.64	4.1	9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:12	12.7	Bottom	3	1	21.35	7.95	33.15	91.4	6.67	4.2	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:31	12.7	Bottom	3	2	21.34	7.95	33.16	91.4	6.67	4.3	10.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:11:38	1.0	Surface	1	1	19.75	7.97	32.3	96.1	7.26	5.8	9.1
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:11:03	1.0	Surface	1	2	19.76	7.96	32.3	96.3	7.27	5.7	8.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:11:24	4.9	Middle	2	1	19.85	7.96	32.35	96.1	7.24	5.4	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:10:51	4.9	Middle	2	2	19.83	7.96	32.33	96.2	7.25	5.5	9.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:11:14	8.7	Bottom	3	1	19.82	7.96	32.35	96.2	7.25	5.6	11
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	7:10:42	8.7	Bottom	3	2	19.82	7.96	32.35	96.4	7.26	5.7	9.3
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	7:03:22	1.0	Surface	1	1	19.62	7.98	32.19	97.6	7.39	10.5	7.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	7:03:03	1.0	Surface	1	2	19.66	7.98	32.2	98	7.41	10.1	6.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	7:03:09	2.2	Bottom	3	1	19.65	7.98	32.21	97.8	7.41	13.7	7.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	7:02:54	2.2	Bottom	3	2	19.71	7.98	32.32	98.6	7.45	14.8	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	6:56:20	1.0	Surface	1	1	19.92	7.97	32.32	97.2	7.32	13.3	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	6:57:25	1.0	Surface	1	2	19.9	7.97	32.35	96.1	7.24	12.9	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	6:56:15	2.4	Bottom	3	1	19.91	7.97	32.42	97.5	7.34	14.8	11.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	6:57:19	2.4	Bottom	3	2	19.93	7.97	32.4	96.1	7.23	15.1	11.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	6:34:03	1.0	Surface	1	1	20.4	7.96	32.62	96.3	7.17	11.8	15.4
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	6:34:24	1.0	Surface	1	2	20.4	7.97	32.63	96.1	7.16	11	14.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	6:34:17	2.6	Bottom	3	1	20.39	7.97	32.63	96	7.15	10.5	20
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	6:33:55	2.6	Bottom	3	2	20.39	7.96	32.63	96.5	7.19	10.5	18.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	6:50:12	1.0	Surface	1	1	20.34	7.96	32.45	97.5	7.27	7.1	8.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	6:50:26	1.0	Surface	1	2	20.37	7.96	32.5	96.9	7.23	7.6	8.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	6:49:58	2.6	Bottom	3	1	20.37	7.96	32.55	98.4	7.34	9.7	14.1
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	6:50:19	2.6	Bottom	3	2	20.37	7.96	32.54	97.3	7.25	9.5	13.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:39:53	1.0	Surface	1	1	20.2	8.23	32.71	96.2	7.19	8.5	12.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:39:10	1.0	Surface	1	2	20.23	8.23	32.75	96.5	7.2	8	12.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:39:39	5.3	Middle	2	1	20.3	8.23	32.83	96.1	7.16	8.5	19.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:38:58	5.3	Middle	2	2	20.27	8.23	32.81	96.3	7.18	8.7	18.4
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:38:44	9.5	Bottom	3	1	20.27	8.23	32.83	96.2	7.18	8.6	18.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	6:39:23	9.5	Bottom	3	2	20.27	8.23	32.83	96	7.16	8.3	19.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR3	7:19:28	0.8	Middle	2	1	19.75	7.97	32.29	96.3	7.27	5.8	13.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR3	7:19:36	0.8	Middle	2	2	19.75	7.97	32.3	96.3	7.27	5.8	12.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	6:39:50	1.0	Surface	1	1	20.48	7.96	32.73	96.9	7.2	7.7	12.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	6:40:03	1.0	Surface	1	2	20.48	7.97	32.73	96.3	7.16	7.6	13.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	6:39:57	2.5	Bottom	3	1	20.48	7.97	32.74	96.5	7.17	7.8	14.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	6:39:44	2.5	Bottom	3	2	20.48	7.96	32.74	97.3	7.23	7.8	15.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	6:50:04	1.0	Surface	1	1	20.1	8.23	32.65	96	7.19	7.5	12.3
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	6:49:30	1.0	Surface	1	2	20.1	8.23	32.66	96	7.18	7.1	12.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	6:49:19	3.6	Bottom	3	1	20.11	8.23	32.68	95.9	7.18	7.1	20.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	6:49:53	3.6	Bottom	3	2	20.15	8.23	32.69	95.9	7.17	7.1	22
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:38:02	1.0	Surface	1	1	21.24	7.96	32.97	91.6	6.7	6.3	12.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:37:20	1.0	Surface	1	2	21.26	7.95	32.96	91.8	6.72	7.1	11.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:37:44	3.5	Middle	2	1	21.27	7.95	32.97	91.5	6.69	7.3	11.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:37:13	3.5	Middle	2	2	21.28	7.95	32.97	91.8	6.71	7.6	11.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:37:07	5.9	Bottom	3	1	21.28	7.94	32.97	91.8	6.71	7.8	11.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	5:37:34	5.9	Bottom	3	2	21.28	7.95	32.98	91.5	6.69	7.7	12.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	5:29:50	1.0	Surface	1	1	21.27	7.88	32.83	92.2	6.75	8.6	14.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	5:30:11	1.0	Surface	1	2	21.28	7.89	32.86	91.8	6.72	9.1	14
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	5:29:33	4.7	Bottom	3	1	21.28	7.86	32.81	92.6	6.78	8.8	17.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	5:29:59	4.7	Bottom	3	2	21.28	7.88	32.86	91.9	6.72	9	15.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	8:16:34	1.0	Surface	1	1	20.28	8.24	32.95	96.4	7.18	14.2	22.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	8:15:57	1.0	Surface	1	2	20.3	8.24	32.96	96.4	7.18	14	21.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	8:15:46	4.1	Middle	2	1	20.3	8.24	32.96	96.2	7.16	14.5	23.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	8:16:20	4.1	Middle	2	2	20.3	8.24	32.96	96.2	7.17	14.8	24.3

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	2013-12-02	Mid-Flood	Sunny	CS2	8:16:08	7.2	Bottom	3	1	20.3	8.24	32.96	96.2	7.16	14.3	23.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	8:15:31	7.2	Bottom	3	2	20.3	8.24	32.95	96.2	7.16	14	22.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:06:16	1.0	Surface	1	1	21.22	7.96	33.02	91.9	6.73	15.1	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:05:31	1.0	Surface	1	2	21.22	7.95	33.02	92.2	6.75	13.7	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:06:01	6.9	Middle	2	1	21.2	7.96	33.02	91.6	6.71	13.8	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:05:16	6.9	Middle	2	2	21.2	7.95	33.02	91.9	6.73	14	13.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:05:49	12.7	Bottom	3	1	21.2	7.96	33.02	91.7	6.71	14	14.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	6:05:10	12.7	Bottom	3	2	21.21	7.95	33.02	91.8	6.72	13.5	15.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:06	1.0	Surface	1	1	20.32	7.96	32.36	97.3	7.27	11.3	15.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:50	1.0	Surface	1	2	20.32	7.96	32.36	97.4	7.28	11.7	15.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:50:52	4.4	Middle	2	1	20.28	7.96	32.39	96.8	7.23	11.8	14
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:37	4.4	Middle	2	2	20.3	7.96	32.4	97	7.24	11	14
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:50:39	7.7	Bottom	3	1	20.28	7.96	32.42	96.9	7.24	12.1	15.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:27	7.7	Bottom	3	2	20.29	7.96	32.41	97.1	7.25	11.6	16.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:16	1.0	Surface	1	1	20.49	7.97	32.35	100	7.45	15.2	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	13:00:03	1.0	Surface	1	2	20.4	7.97	32.36	100.2	7.47	15.1	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:03	2.2	Bottom	3	1	20.38	7.96	32.37	99.6	7.43	16.2	18.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:52	2.2	Bottom	3	2	20.3	7.96	32.36	100.7	7.53	16.8	19.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:04:13	1.0	Surface	1	1	20.63	7.96	32.35	99.6	7.4	12.4	18.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:51	1.0	Surface	1	2	20.61	7.96	32.36	98.7	7.33	12.7	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:59	2.3	Bottom	3	1	20.52	7.95	32.33	98.7	7.35	13.6	21
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:36	2.3	Bottom	3	2	20.36	7.95	32.37	98.4	7.34	13.3	19.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:28:53	1.0	Surface	1	1	20.82	7.94	32.22	98.6	7.31	8.1	18.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:29:16	1.0	Surface	1	2	20.87	7.95	32.21	99	7.33	8.4	17.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:28:42	2.9	Bottom	3	1	20.51	7.94	32.26	98	7.3	8.4	17.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:29:05	2.9	Bottom	3	2	20.63	7.95	32.19	98.3	7.31	8.1	17.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:10:51	1.0	Surface	1	1	20.6	7.98	32.43	101	7.51	11	19.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:11:09	1.0	Surface	1	2	20.55	7.99	32.45	101	7.51	10.6	18.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:10:39	2.8	Bottom	3	1	20.35	7.97	32.46	100.2	7.47	12	19.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:11:00	2.8	Bottom	3	2	20.43	7.98	32.42	100.8	7.51	11.6	20
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:08	1.0	Surface	1	1	20.82	8.18	31.32	96.2	7.16	3.5	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:26:13	1.0	Surface	1	2	20.84	8.17	31.24	96.2	7.16	3.7	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:41	5.6	Middle	2	1	20.76	8.2	31.75	96.1	7.15	3.7	10
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:24:55	5.6	Middle	2	2	20.77	8.2	31.85	96.2	7.15	3.5	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:28	10.1	Bottom	3	1	20.8	8.2	32.22	96	7.12	3.9	12.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:24:45	10.1	Bottom	3	2	20.78	8.2	32.29	96.2	7.12	3.5	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR3	12:39:56	0.6	Middle	2	1	20.32	7.95	32.33	98	7.32	11.3	12.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR3	12:40:09	0.6	Middle	2	2	20.32	7.95	32.33	98	7.32	11.2	13
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:16	1.0	Surface	1	1	20.64	7.94	32.28	98.6	7.33	5.5	15.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:47	1.0	Surface	1	2	20.66	7.94	32.25	98.5	7.32	5.8	14.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:05	2.6	Bottom	3	1	20.64	7.94	32.28	98.4	7.31	5.6	16.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:36	2.6	Bottom	3	2	20.63	7.94	32.26	98.5	7.32	5.7	16.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:46	1.0	Surface	1	1	20.82	8.19	31.41	96.5	7.18	3.8	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:20:12	1.0	Surface	1	2	20.82	8.18	31.39	96.4	7.18	3.6	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:33	4.1	Bottom	3	1	20.81	8.18	31.94	96.3	7.15	3.7	12.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:59	4.1	Bottom	3	2	20.79	8.19	32.02	96.2	7.14	3.7	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:02	1.0	Surface	1	1	21.08	7.95	32.78	91.3	6.71	7.4	18
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:44	1.0	Surface	1	2	21.08	7.95	32.79	91.2	6.7	7.2	18.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:32	3.1	Middle	2	1	21.08	7.95	32.83	91	6.69	7.2	17.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:44:46	3.1	Middle	2	2	21.08	7.95	32.81	91.2	6.7	7.5	18.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:44:30	5.2	Bottom	3	1	21.08	7.95	32.84	91.2	6.7	7	19
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:20	5.2	Bottom	3	2	21.08	7.95	32.84	91	6.68	7.1	19.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:51:42	1.0	Surface	1	1	21.07	7.95	32.77	91.2	6.7	9.3	19.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:50:52	1.0	Surface	1	2	21.07	7.94	32.78	91.2	6.7	9	21.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:50:36	3.7	Bottom	3	1	21.06	7.94	32.81	91.1	6.7	9	22.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:51:12	3.7	Bottom	3	2	21.07	7.94	32.82	91	6.69	8.9	24.6

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	2013-12-04	Mid-Ebb	Sunny	CS2	12:32:22	1.0	Surface	1	1	20.82	8.24	31.63	96.6	7.18	4.1	10.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:42	1.0	Surface	1	2	20.79	8.25	31.7	97.7	7.25	4.2	10.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:29	4.1	Middle	2	1	20.72	8.25	32	96.9	7.2	4.7	10.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:32:06	4.1	Middle	2	2	20.71	8.25	31.89	96.2	7.15	4.4	10.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:55	7.1	Bottom	3	1	20.7	8.25	32.17	96.1	7.14	5.5	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:09	7.1	Bottom	3	2	20.68	8.24	32.35	96.8	7.19	5.7	11.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:16:01	1.0	Surface	1	1	21.08	7.97	32.5	95.9	7.06	5.7	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:14:46	1.0	Surface	1	2	21.08	7.96	32.5	95.9	7.06	5.6	8.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:14:20	6.2	Middle	2	1	20.97	7.96	32.6	94.1	6.93	6.4	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:15:40	6.2	Middle	2	2	21.01	7.96	32.6	94.7	6.97	6.4	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:13:59	11.4	Bottom	3	1	20.93	7.95	32.7	93.7	6.91	8.3	9.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:15:20	11.4	Bottom	3	2	20.96	7.96	32.64	94.6	6.97	8.6	10.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:29:24	1.0	Surface	1	1	20.19	7.97	32.65	97.3	7.27	10.5	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:28:46	1.0	Surface	1	2	20.18	7.96	32.65	97.3	7.27	11	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:28:36	4.5	Middle	2	1	20.19	7.96	32.66	97.3	7.27	10.6	12.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:29:13	4.5	Middle	2	2	20.19	7.96	32.66	97.1	7.26	10.3	14.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:28:24	8.0	Bottom	3	1	20.19	7.96	32.66	97.3	7.27	10.6	13.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	9:29:03	8.0	Bottom	3	2	20.19	7.96	32.67	96.9	7.24	10.4	12
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	9:20:25	1.0	Surface	1	1	20.21	7.96	32.62	97.4	7.28	21.1	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	9:20:50	1.0	Surface	1	2	20.23	7.96	32.62	97.5	7.28	21.1	13
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	9:20:15	2.2	Bottom	3	1	20.18	7.95	32.61	97.6	7.3	21.3	13.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	9:20:34	2.2	Bottom	3	2	20.2	7.96	32.61	97.4	7.28	22.1	14.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	9:12:55	1.0	Surface	1	1	20.28	7.96	32.62	97.3	7.26	22.2	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	9:12:37	1.0	Surface	1	2	20.27	7.96	32.62	97.2	7.26	21.9	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	9:12:27	2.2	Bottom	3	1	20.25	7.95	32.61	97.2	7.26	22.6	14.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	9:12:44	2.2	Bottom	3	2	20.26	7.96	32.61	97.2	7.26	21.1	14
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	8:47:55	1.0	Surface	1	1	20.37	7.96	32.54	97.1	7.24	15.8	10
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	8:48:12	1.0	Surface	1	2	20.38	7.96	32.52	97.1	7.24	15.5	10.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	8:48:02	3.2	Bottom	3	1	20.38	7.96	32.54	97	7.23	15.6	12
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	8:47:42	3.2	Bottom	3	2	20.37	7.95	32.55	97.3	7.25	15.9	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	9:05:35	1.0	Surface	1	1	20.15	7.97	32.68	99.6	7.45	16.3	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	9:05:53	1.0	Surface	1	2	20.15	7.97	32.67	99.6	7.45	16.1	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	9:05:24	2.8	Bottom	3	1	20.15	7.97	32.68	99.6	7.45	16.2	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	9:05:43	2.8	Bottom	3	2	20.15	7.97	32.69	99.6	7.44	16.4	13.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:25:46	1.0	Surface	1	1	20.47	8.2	32.63	96.7	7.19	13.3	18.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:24:54	1.0	Surface	1	2	20.46	8.2	32.63	97.1	7.23	13.2	17.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:25:32	5.6	Middle	2	1	20.43	8.2	32.66	96.7	7.19	13.7	23.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:24:45	5.6	Middle	2	2	20.44	8.2	32.65	97.1	7.22	13.4	24.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:25:23	10.1	Bottom	3	1	20.44	8.2	32.66	96.6	7.18	13.6	23.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	8:24:32	10.1	Bottom	3	2	20.44	8.19	32.65	97	7.22	13.5	25.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR3	9:37:17	0.7	Middle	2	1	20.19	7.97	32.65	97.4	7.28	9.7	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR3	9:37:26	0.7	Middle	2	2	20.19	7.97	32.65	97.4	7.28	9.5	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	8:54:28	1.0	Surface	1	1	20.29	7.95	32.56	96.8	7.22	11.2	8.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	8:54:42	1.0	Surface	1	2	20.3	7.95	32.56	96.5	7.2	11.3	7.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	8:54:33	2.9	Bottom	3	1	20.29	7.95	32.57	96.6	7.21	11.4	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	8:54:21	2.9	Bottom	3	2	20.29	7.95	32.57	96.9	7.23	11.1	10.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	8:31:08	1.0	Surface	1	1	20.46	8.2	32.63	96.6	7.19	12.9	20.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	8:30:45	1.0	Surface	1	2	20.46	8.2	32.63	96.7	7.19	12.7	19.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	8:30:24	4.0	Bottom	3	1	20.44	8.2	32.65	96.5	7.18	12.7	20.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	8:30:57	4.0	Bottom	3	2	20.46	8.2	32.64	96.4	7.17	13	20.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:48:01	1.0	Surface	1	1	20.8	7.96	32.68	93.4	6.9	17.6	7.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:47:31	1.0	Surface	1	2	20.81	7.96	32.66	93.5	6.91	17.9	7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:47:51	3.3	Middle	2	1	20.82	7.96	32.69	93.3	6.89	18.1	7.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:47:22	3.3	Middle	2	2	20.84	7.96	32.72	93.4	6.9	17.8	6.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:47:12	5.6	Bottom	3	1	20.83	7.96	32.72	93.5	6.91	18.3	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	7:47:43	5.6	Bottom	3	2	20.84	7.96	32.73	93.4	6.89	18.5	9.6

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	2013-12-04	Mid-Flood	Sunny	SR10B	7:41:43	1.0	Surface	1	1	20.93	7.94	32.83	97.3	7.17	14.3	11.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	7:42:04	1.0	Surface	1	2	20.94	7.95	32.85	95.3	7.02	14.2	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	7:41:52	4.4	Bottom	3	1	20.93	7.94	32.85	93.9	6.91	14.1	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	7:40:03	4.4	Bottom	3	2	20.94	7.92	32.81	92.6	6.82	14.7	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:24:59	1.0	Surface	1	1	20.51	8.2	32.5	95.9	7.13	15.9	23.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:25:28	1.0	Surface	1	2	20.5	8.2	32.49	96.1	7.15	15.5	23.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:25:15	4.1	Middle	2	1	20.5	8.2	32.55	95.9	7.13	16	26.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:24:48	4.1	Middle	2	2	20.5	8.2	32.57	95.5	7.1	16	26.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:25:06	7.1	Bottom	3	1	20.5	8.2	32.54	95.8	7.12	16.2	36.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	9:24:37	7.1	Bottom	3	2	20.51	8.2	32.59	95.4	7.09	16	36.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:16:20	1.0	Surface	1	1	20.71	7.95	32.48	94.9	7.03	14.1	9.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:17:07	1.0	Surface	1	2	20.71	7.96	32.47	94.8	7.03	14.5	8.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:16:50	6.7	Middle	2	1	20.68	7.96	32.49	94.4	7	14.2	10.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:16:11	6.7	Middle	2	2	20.69	7.95	32.49	94.8	7.03	14.1	10.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:15:59	12.3	Bottom	3	1	20.68	7.95	32.5	94.5	7.01	15.1	13.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	8:16:39	12.3	Bottom	3	2	20.67	7.96	32.5	94.1	6.97	15.5	12.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:41:41	1.0	Surface	1	1	20.01	7.94	32.11	95.7	7.2	12.8	15.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:47	1.0	Surface	1	2	20	7.94	32.12	95.4	7.17	12.8	15.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:36	4.3	Middle	2	1	19.99	7.94	32.16	95.6	7.19	12.5	15.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:41:08	4.3	Middle	2	2	19.99	7.94	32.15	95.7	7.2	13	14.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:29	7.5	Bottom	3	1	19.99	7.94	32.17	95.6	7.19	12.6	15.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:57	7.5	Bottom	3	2	19.99	7.94	32.17	95.3	7.17	12.9	15.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:05	1.0	Surface	1	1	20.32	7.96	32.08	97.5	7.3	12.3	12.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:23	1.0	Surface	1	2	20.36	7.96	32.06	97.7	7.31	12.3	11.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:47:56	2.2	Bottom	3	1	20.17	7.95	32.08	97.3	7.3	12.4	13.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:11	2.2	Bottom	3	2	20.24	7.96	32.05	97.3	7.29	12.6	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:45	1.0	Surface	1	1	20.46	7.97	32.04	98.4	7.35	13.8	10.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:53:02	1.0	Surface	1	2	20.4	7.97	32.04	98.5	7.36	13.6	11
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:35	2.3	Bottom	3	1	20.29	7.96	32.06	97.7	7.31	14	10.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:52	2.3	Bottom	3	2	20.35	7.97	32.05	98.4	7.36	13.9	11.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:25	1.0	Surface	1	1	20.54	7.92	31.78	97.6	7.28	8.6	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:39	1.0	Surface	1	2	20.48	7.92	31.8	97	7.25	8.9	8.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:31	3.0	Bottom	3	1	20.49	7.92	31.79	97.2	7.27	8.9	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:15	3.0	Bottom	3	2	20.52	7.92	31.79	97.5	7.28	8.5	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	15:00:15	1.0	Surface	1	1	20.41	7.97	32.03	99.2	7.41	10.4	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	14:59:56	1.0	Surface	1	2	20.38	7.97	32.01	99.9	7.47	10.2	8.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	14:59:46	2.7	Bottom	3	1	20.32	7.97	32.02	99.5	7.45	10.2	10.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	15:00:04	2.7	Bottom	3	2	20.22	7.97	32.04	99.3	7.44	10.3	11.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:33:09	1.0	Surface	1	1	20.57	8.13	31.12	95.4	7.14	4.1	9.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:33	1.0	Surface	1	2	20.53	8.14	31.23	95.2	7.13	4.2	9.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:21	5.2	Middle	2	1	20.43	8.16	32.05	94.8	7.08	4.4	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:56	5.2	Middle	2	2	20.43	8.16	32.04	94.8	7.08	4.3	9.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:46	9.3	Bottom	3	1	20.44	8.15	32.01	94.8	7.08	4.2	9.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:10	9.3	Bottom	3	2	20.43	8.16	32.08	94.8	7.08	4.3	9.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR3	14:31:47	0.7	Middle	2	1	20.12	7.93	32.1	98.7	7.41	10.9	16.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR3	14:31:39	0.7	Middle	2	2	20.12	7.93	32.11	99.2	7.44	10.8	16.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:10:57	1.0	Surface	1	1	20.57	7.91	31.9	96.3	7.18	5.6	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:11:21	1.0	Surface	1	2	20.57	7.91	31.89	96.2	7.17	5.6	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:11:11	2.7	Bottom	3	1	20.54	7.91	31.89	96.1	7.17	5.6	12.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:10:47	2.7	Bottom	3	2	20.54	7.92	31.91	96.4	7.19	5.8	12.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:23:07	1.0	Surface	1	1	20.47	8.14	31.3	95.3	7.14	4.2	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:41	1.0	Surface	1	2	20.48	8.14	31.34	95.5	7.16	4.1	10.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:54	4.5	Bottom	3	1	20.43	8.15	31.96	95.2	7.11	4	11.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:32	4.5	Bottom	3	2	20.44	8.15	32	95.4	7.13	4	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:25	1.0	Surface	1	1	20.73	7.95	32.48	91.3	6.77	6.7	8.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:51	1.0	Surface	1	2	20.73	7.95	32.51	91.4	6.77	6.5	8.7

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	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:40	3.2	Middle	2	1	20.73	7.95	32.55	91.3	6.76	6.6	8.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:12	3.2	Middle	2	2	20.73	7.95	32.55	90.9	6.73	6.6	7.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:25	5.3	Bottom	3	1	20.73	7.94	32.61	91.5	6.77	6.8	8.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:02	5.3	Bottom	3	2	20.74	7.95	32.64	91.1	6.74	6.6	7.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:58	1.0	Surface	1	1	20.72	7.95	32.48	91.5	6.78	5.6	7.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:37	1.0	Surface	1	2	20.72	7.95	32.49	91.4	6.77	5.5	6.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:48	3.8	Bottom	3	1	20.72	7.95	32.54	91.3	6.77	5.7	8.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:28	3.8	Bottom	3	2	20.73	7.95	32.55	91.3	6.76	5.6	8.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:07:29	1.0	Surface	1	1	20.44	8.19	31.25	96.5	7.24	4.8	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:40	1.0	Surface	1	2	20.42	8.17	31.26	95.1	7.13	5	9.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:07:11	3.6	Middle	2	1	20.39	8.21	31.6	97.4	7.3	5.5	11
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:26	3.6	Middle	2	2	20.38	8.18	31.44	95	7.12	5	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:11	6.1	Bottom	3	1	20.4	8.19	31.85	95.2	7.12	7	10.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:06:59	6.1	Bottom	3	2	20.35	8.2	32.09	98.5	7.36	6.8	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:49:03	1.0	Surface	1	1	20.74	7.95	32.33	92.3	6.85	6.7	8.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:27	1.0	Surface	1	2	20.76	7.95	32.29	92.5	6.86	6.5	7.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:53	6.5	Middle	2	1	20.75	7.95	32.45	91.9	6.8	8.4	7.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:13	6.5	Middle	2	2	20.74	7.95	32.45	91.4	6.77	8.6	8.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:44	11.9	Bottom	3	1	20.76	7.95	32.52	92.1	6.82	8.5	9.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:03	11.9	Bottom	3	2	20.72	7.94	32.57	91.2	6.76	8.6	8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:28	1.0	Surface	1	1	19.98	7.94	32.32	94.8	7.13	12.5	14
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:57	1.0	Surface	1	2	19.98	7.93	32.32	94.8	7.13	12.4	14.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:47	4.1	Middle	2	1	19.96	7.93	32.33	94.5	7.11	12.7	15.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:17	4.1	Middle	2	2	19.96	7.94	32.33	94.5	7.11	13.1	15.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:07	7.2	Bottom	3	1	19.96	7.93	32.33	94.6	7.11	13	16
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:37	7.2	Bottom	3	2	19.96	7.93	32.34	94.7	7.12	12.9	14.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:05	1.0	Surface	1	1	20.14	7.94	32.25	96.3	7.22	20.1	24.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:23	1.0	Surface	1	2	20.15	7.94	32.25	96.3	7.22	20.5	24.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:13	2.1	Bottom	3	1	20.13	7.94	32.25	96.2	7.22	20.4	28.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:02:53	2.1	Bottom	3	2	20.12	7.93	32.25	96.1	7.21	20.9	27.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:56:00	1.0	Surface	1	1	20.1	7.93	32.22	96.4	7.24	16.1	20.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:56:18	1.0	Surface	1	2	20.09	7.93	32.23	96.2	7.22	16.2	18.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:55:49	2.2	Bottom	3	1	20.09	7.92	32.23	96.5	7.24	16.9	22.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:56:08	2.2	Bottom	3	2	20.08	7.93	32.23	96.3	7.23	16.8	22.1
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:51	1.0	Surface	1	1	20.26	7.92	32.13	95.5	7.15	9.3	12.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:33	1.0	Surface	1	2	20.24	7.91	32.13	95.5	7.15	10.1	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:23	3.1	Bottom	3	1	20.23	7.91	32.13	95.6	7.16	10.6	11.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:41	3.1	Bottom	3	2	20.24	7.91	32.12	95.3	7.14	10.2	11.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:49:14	1.0	Surface	1	1	20.14	7.93	32.23	96.7	7.25	17.2	9.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:47	1.0	Surface	1	2	20.1	7.92	32.24	96.8	7.27	17.3	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:56	2.8	Bottom	3	1	19.95	7.93	32.27	96.3	7.25	17.1	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:38	2.8	Bottom	3	2	20.01	7.92	32.28	96.9	7.28	17.4	11
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:02	1.0	Surface	1	1	20.15	8.16	32.31	95.6	7.16	14.3	20.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:38	1.0	Surface	1	2	20.16	8.16	32.31	95.3	7.14	14.9	20
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:26	5.3	Middle	2	1	20.13	8.16	32.38	95.1	7.13	15	20.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:08:51	5.3	Middle	2	2	20.13	8.16	32.38	95.3	7.14	15.6	20.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:08:44	9.5	Bottom	3	1	20.13	8.16	32.36	95.4	7.15	15.1	22.1
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:20	9.5	Bottom	3	2	20.13	8.16	32.38	95.1	7.13	16.6	22
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR3	11:19:25	0.7	Middle	2	1	20.03	7.95	32.3	95.6	7.18	12.2	18
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR3	11:19:16	0.7	Middle	2	2	20.01	7.95	32.3	95.5	7.17	12.2	17
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:39:23	1.0	Surface	1	1	20.22	7.9	32.09	95.5	7.15	10.4	17.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:45	1.0	Surface	1	2	20.22	7.9	32.09	96.7	7.25	10.5	17.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:59	2.6	Bottom	3	1	20.22	7.9	32.09	96	7.19	10.6	20
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:36	2.6	Bottom	3	2	20.22	7.9	32.09	97.4	7.3	10.5	19.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:51	1.0	Surface	1	1	20.16	8.16	32.36	95.2	7.13	12.8	22.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:24	1.0	Surface	1	2	20.16	8.16	32.36	95.2	7.13	13.5	22.8

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	2013-12-06	Mid-Flood	Sunny	SR5	10:19:08	4.4	Bottom	3	1	20.12	8.16	32.38	94.9	7.11	14	21.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:35	4.4	Bottom	3	2	20.13	8.16	32.37	95	7.12	13.6	21.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:24	1.0	Surface	1	1	20.62	7.91	32.45	91.6	6.8	21.1	31.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:51	1.0	Surface	1	2	20.62	7.91	32.45	91.5	6.79	21.2	32.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:42	3.2	Middle	2	1	20.62	7.91	32.46	91.4	6.78	22.3	35.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:14	3.2	Middle	2	2	20.62	7.91	32.46	91.5	6.79	22.7	35.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:05	5.4	Bottom	3	1	20.62	7.91	32.45	91.6	6.8	21.7	36.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	9:21:34	5.4	Bottom	3	2	20.62	7.91	32.46	91.4	6.79	21.8	37.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	9:16:29	1.0	Surface	1	1	20.66	7.89	32.53	91.8	6.81	12.7	24.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	9:16:11	1.0	Surface	1	2	20.65	7.89	32.51	91.9	6.82	13.3	23.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	9:16:20	4.1	Bottom	3	1	20.66	7.89	32.52	91.8	6.8	13.2	26.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	9:16:04	4.1	Bottom	3	2	20.66	7.89	32.5	92	6.83	13.3	24.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:54	1.0	Surface	1	1	20.24	8.16	32.24	94.8	7.1	12.4	15
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:28	1.0	Surface	1	2	20.23	8.16	32.26	94.6	7.09	12.5	14.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:19	3.4	Middle	2	1	20.18	8.16	32.33	94.3	7.06	13.4	15.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:44	3.4	Middle	2	2	20.17	8.16	32.33	94.5	7.08	13	15.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:09	5.8	Bottom	3	1	20.19	8.16	32.33	94.4	7.07	15.1	14.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:30	5.8	Bottom	3	2	20.18	8.16	32.34	94.5	7.08	15.5	15.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:53:42	1.0	Surface	1	1	20.37	7.91	32.04	93.6	7	14.6	13.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:52:33	1.0	Surface	1	2	20.36	7.9	32.04	93.1	6.96	14.7	14.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:52:19	6.4	Middle	2	1	20.34	7.92	32.05	93.7	7	20.2	13
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:53:05	6.4	Middle	2	2	20.31	7.9	32.08	93.6	7	20.6	13.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:51:44	11.7	Bottom	3	1	20.32	7.89	32.14	93.1	6.96	20.2	13.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	9:52:48	11.7	Bottom	3	2	20.32	7.9	32.12	92.8	6.94	20.8	14.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:46	1.0	Surface	1	1	20.66	7.95	32.49	96.3	7.14	9.3	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:10	1.0	Surface	1	2	20.64	7.94	32.53	96.3	7.14	9.2	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:36	4.3	Middle	2	1	20.61	7.94	32.56	95.8	7.11	10.1	8.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:02	4.3	Middle	2	2	20.61	7.94	32.59	96	7.12	9.6	9.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:35:48	7.6	Bottom	3	1	20.62	7.94	32.59	96.1	7.13	9.1	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:21	7.6	Bottom	3	2	20.62	7.94	32.56	96	7.12	9.6	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:45:06	1.0	Surface	1	1	20.59	7.93	32.45	96.1	7.14	11.5	10.1
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:45	1.0	Surface	1	2	20.59	7.93	32.46	95.9	7.12	11.4	10.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:54	2.2	Bottom	3	1	20.59	7.93	32.46	95.8	7.12	13	11.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:35	2.2	Bottom	3	2	20.59	7.92	32.47	96	7.13	12.2	11.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:40	1.0	Surface	1	1	20.66	7.95	32.24	96.1	7.14	12.5	10.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:51:01	1.0	Surface	1	2	20.66	7.95	32.24	96.3	7.15	12.2	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:47	2.4	Bottom	3	1	20.54	7.94	32.25	95.8	7.13	14.2	15.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:28	2.4	Bottom	3	2	20.52	7.93	32.25	95.5	7.11	15.6	14.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:41	1.0	Surface	1	1	20.6	7.96	31.71	97.2	7.25	5.2	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:26	1.0	Surface	1	2	20.59	7.96	31.71	97.3	7.26	5.1	7.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:19	2.7	Bottom	3	1	20.6	7.95	31.74	97.2	7.25	5.1	9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:34	2.7	Bottom	3	2	20.57	7.95	31.75	97	7.24	5.2	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:57:13	1.0	Surface	1	1	20.78	7.97	32.16	99	7.34	11.1	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:56:57	1.0	Surface	1	2	20.81	7.97	32.15	99.7	7.39	10.6	8.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:56:48	2.5	Bottom	3	1	20.77	7.97	32.18	99.7	7.39	11.9	9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:57:06	2.5	Bottom	3	2	20.72	7.97	32.2	99.2	7.36	12.4	8.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:48	1.0	Surface	1	1	20.49	8.1	29.18	93.4	7.08	3.2	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:29	1.0	Surface	1	2	20.48	8.09	29.18	93.3	7.08	3.2	5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:16	5.3	Middle	2	1	20.44	8.13	31.34	93.1	6.98	4.7	5.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:37	5.3	Middle	2	2	20.43	8.13	31.36	93.1	6.98	4.6	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:27	9.5	Bottom	3	1	20.36	8.13	31.38	92.7	6.96	5.3	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:05	9.5	Bottom	3	2	20.39	8.12	31.36	92.8	6.96	5.4	6.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR3	17:21:04	0.9	Middle	2	1	20.66	7.91	32.65	96.7	7.16	9.1	8.1
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR3	17:20:57	0.9	Middle	2	2	20.65	7.9	32.65	96.6	7.16	8.8	8.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:07:00	1.0	Surface	1	1	20.72	7.94	31.76	95.4	7.1	5.7	5.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:50	1.0	Surface	1	2	20.72	7.94	31.76	95.6	7.11	5.7	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	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:43	2.6	Bottom	3	1	20.72	7.94	31.77	95.6	7.11	5.7	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:56	2.6	Bottom	3	2	20.72	7.94	31.77	95.4	7.1	5.7	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:08	1.0	Surface	1	1	20.53	8.11	30.06	94.5	7.13	2.7	4.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:27	1.0	Surface	1	2	20.53	8.1	29.78	94.2	7.11	2.8	4.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:51:57	3.6	Bottom	3	1	20.47	8.11	31	94.4	7.09	3	5.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:17	3.6	Bottom	3	2	20.48	8.11	30.81	94.2	7.08	3.1	4.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:13	1.0	Surface	1	1	20.61	7.97	32.36	91.3	6.78	3.5	3.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:52	1.0	Surface	1	2	20.62	7.97	32.37	91.3	6.78	3.4	2.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:34	3.2	Middle	2	1	20.62	7.97	32.39	91.1	6.76	3.6	5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:01	3.2	Middle	2	2	20.62	7.96	32.38	91.1	6.77	3.6	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:09:45	5.4	Bottom	3	1	20.61	7.96	32.37	91	6.76	3.5	5.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:26	5.4	Bottom	3	2	20.62	7.97	32.39	91	6.76	3.6	5.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:47	1.0	Surface	1	1	20.62	7.98	32.38	91.2	6.77	3.4	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:22	1.0	Surface	1	2	20.62	7.97	32.37	91.2	6.77	3.4	6.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:35	4.5	Bottom	3	1	20.62	7.97	32.38	91	6.76	3.4	5.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:10	4.5	Bottom	3	2	20.62	7.97	32.38	90.9	6.75	3.8	6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:12	1.0	Surface	1	1	20.5	8.13	29.57	93.5	7.08	4.1	5.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:22:13	1.0	Surface	1	2	20.5	8.12	29.71	92.8	7.02	4.3	6.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:01	4.1	Middle	2	1	20.39	8.15	30.15	93.9	7.09	4.9	5.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:37	4.1	Middle	2	2	20.4	8.13	30.28	92.9	7.01	4.7	4.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:27	7.1	Bottom	3	1	20.42	8.13	31.36	92.7	6.95	5.8	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:20:44	7.1	Bottom	3	2	20.42	8.16	31.5	95	7.12	5.8	6.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:38	1.0	Surface	1	1	20.65	7.98	31.86	92.8	6.91	3.4	7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:53	1.0	Surface	1	2	20.64	7.98	31.89	92.3	6.87	3.2	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:22	6.8	Middle	2	1	20.57	7.98	32.28	91.2	6.79	3.4	7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:42	6.8	Middle	2	2	20.57	7.97	32.28	91.5	6.81	3.7	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:31	12.6	Bottom	3	1	20.58	7.97	32.28	92.2	6.86	3.5	6.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:10	12.6	Bottom	3	2	20.58	7.98	32.33	92	6.84	3.6	6.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:04	1.0	Surface	1	1	20.53	7.97	31.91	95.7	7.14	9.4	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:35	1.0	Surface	1	2	20.46	7.97	31.9	95.5	7.13	9.2	11.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:32:54	4.4	Middle	2	1	20.48	7.96	31.91	95.3	7.12	9.5	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:28	4.4	Middle	2	2	20.42	7.97	31.9	95.1	7.11	9.2	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:18	7.8	Bottom	3	1	20.43	7.97	31.9	95.3	7.12	9.5	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:32:41	7.8	Bottom	3	2	20.43	7.96	31.9	95.3	7.12	9.7	10.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:24:02	1.0	Surface	1	1	20.7	7.98	31.78	97.5	7.26	11	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:43	1.0	Surface	1	2	20.68	7.98	31.79	96.6	7.19	12	11.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:33	2.2	Bottom	3	1	20.49	7.97	31.77	96	7.17	14.7	12.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:51	2.2	Bottom	3	2	20.68	7.98	31.77	97	7.22	13.9	13.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:43	1.0	Surface	1	1	20.54	7.96	31.77	96.4	7.19	13	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:30	1.0	Surface	1	2	20.63	7.96	31.76	96.6	7.2	12.9	10.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:35	2.3	Bottom	3	1	20.55	7.96	31.72	96.3	7.19	14	12.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:16	2.3	Bottom	3	2	20.48	7.96	31.74	96.3	7.2	13.8	12.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:52:46	1.0	Surface	1	1	20.48	7.9	31.39	95.1	7.12	7.5	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:53:05	1.0	Surface	1	2	20.48	7.92	31.39	95.2	7.13	7	7.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:52:58	2.5	Bottom	3	1	20.4	7.91	31.48	95	7.12	9	7.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:52:39	2.5	Bottom	3	2	20.46	7.9	31.44	95	7.11	8	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:35	1.0	Surface	1	1	20.47	7.94	31.54	95.6	7.15	13.2	14.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:12:01	1.0	Surface	1	2	20.5	7.95	31.49	95.8	7.17	13	14.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:26	2.5	Bottom	3	1	20.38	7.94	31.76	95.3	7.13	13.7	17.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:47	2.5	Bottom	3	2	20.39	7.95	31.72	95.4	7.14	13.3	17.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:25	1.0	Surface	1	1	20.29	8.11	31.37	94.4	7.1	7.6	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:51	1.0	Surface	1	2	20.27	8.11	31.42	94.4	7.1	7.7	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:13	5.5	Middle	2	1	20.23	8.11	31.51	94	7.07	9.6	10.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:42	5.5	Middle	2	2	20.24	8.11	31.5	94.2	7.08	9.6	11.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:31	9.9	Bottom	3	1	20.25	8.11	31.54	94.3	7.09	9.6	11.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:02	9.9	Bottom	3	2	20.24	8.11	31.53	94.1	7.07	9.5	11.7

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	2013-12-09	Mid-Flood	Sunny	SR3	13:44:25	0.8	Middle	2	1	20.52	7.98	31.9	95.8	7.15	8.7	10
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR3	13:44:32	0.8	Middle	2	2	20.52	7.98	31.9	95.9	7.16	8.9	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:01:05	1.0	Surface	1	1	20.61	7.93	31.45	95.8	7.15	6.3	6.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:56	1.0	Surface	1	2	20.61	7.93	31.44	95.6	7.14	6.2	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:59	2.4	Bottom	3	1	20.61	7.93	31.42	95.7	7.15	6.3	6.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:48	2.4	Bottom	3	2	20.61	7.93	31.43	95.7	7.15	6.3	6.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:46	1.0	Surface	1	1	20.27	8.11	31.38	94.4	7.1	6.6	8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	13:00:09	1.0	Surface	1	2	20.27	8.11	31.39	94.2	7.08	6.4	7.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:35	3.8	Bottom	3	1	20.25	8.11	31.44	94.3	7.09	6.5	11.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:58	3.8	Bottom	3	2	20.24	8.11	31.45	94	7.07	6.6	12.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:27	1.0	Surface	1	1	20.54	7.89	32.11	90.7	6.76	6.6	6.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:51	1.0	Surface	1	2	20.53	7.88	32.11	90.6	6.75	6.4	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:14	3.3	Middle	2	1	20.53	7.89	32.12	90.5	6.74	6.8	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:40	3.3	Middle	2	2	20.52	7.88	32.11	90.5	6.74	6.5	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:03	5.5	Bottom	3	1	20.53	7.89	32.12	90.4	6.73	6.3	8.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:33	5.5	Bottom	3	2	20.52	7.88	32.12	90.4	6.74	6.2	8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:56	1.0	Surface	1	1	20.57	7.86	32.17	90.6	6.74	6.6	9.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:39	1.0	Surface	1	2	20.57	7.85	32.14	90.5	6.73	6.6	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:30	4.6	Bottom	3	1	20.57	7.85	32.13	90.5	6.74	6.6	12.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:48	4.6	Bottom	3	2	20.57	7.86	32.16	90.4	6.73	6.5	12.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:19	1.0	Surface	1	1	20.58	8.09	30.8	94.3	7.07	4.7	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:49	1.0	Surface	1	2	20.66	8.08	30.76	95	7.12	4.7	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:39	4.0	Middle	2	1	20.59	8.08	30.78	94.3	7.08	5	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:09	4.0	Middle	2	2	20.35	8.09	30.9	93.5	7.04	5.2	5.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:32:59	6.9	Bottom	3	1	20.28	8.09	30.96	93.4	7.04	6.1	7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:28	6.9	Bottom	3	2	20.45	8.09	30.86	94	7.07	6.2	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:47	1.0	Surface	1	1	20.46	7.9	31.31	91.4	6.85	7.4	6.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:57	1.0	Surface	1	2	20.41	7.89	31.41	90.8	6.81	8.2	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:29	6.9	Middle	2	1	20.42	7.9	31.96	90	6.73	11.5	7.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:45	6.9	Middle	2	2	20.42	7.89	31.95	90.2	6.74	12	5.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:16	12.7	Bottom	3	1	20.42	7.9	31.95	90.4	6.76	12	8.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:34	12.7	Bottom	3	2	20.42	7.89	31.93	90.8	6.79	10.7	7
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:35:55	1.0	Surface	1	1	20.35	7.95	31.49	94.9	7.12	6.1	7.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:36:28	1.0	Surface	1	2	20.37	7.95	31.52	94.8	7.11	6.2	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:36:19	4.4	Middle	2	1	20.46	7.98	31.8	94.8	7.09	6.3	7.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:35:44	4.4	Middle	2	2	20.51	7.99	31.95	95	7.09	6.1	7.7
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:35:35	7.8	Bottom	3	1	20.49	7.98	32.13	95	7.09	6.1	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	8:36:08	7.8	Bottom	3	2	20.5	7.99	32.14	94.9	7.07	6.1	9.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	8:28:29	1.0	Surface	1	1	20.32	7.92	31.39	94.2	7.07	10.1	13.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	8:28:08	1.0	Surface	1	2	20.31	7.92	31.39	94.4	7.1	9.9	14.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	8:28:16	2.1	Bottom	3	1	20.33	7.92	31.4	94.2	7.08	10.2	14.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	8:27:55	2.1	Bottom	3	2	20.31	7.92	31.39	94.6	7.1	10.2	14.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	8:21:56	1.0	Surface	1	1	20.15	7.91	31.14	95.7	7.22	9.3	9.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	8:21:42	1.0	Surface	1	2	20.14	7.92	31.14	95.8	7.23	9.3	11.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	8:21:33	2.2	Bottom	3	1	20.14	7.91	31.15	95.8	7.23	9.4	12.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	8:21:49	2.2	Bottom	3	2	20.14	7.91	31.15	95.8	7.23	9.3	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	7:57:53	1.0	Surface	1	1	20.3	7.91	31.23	93	7	8.6	10.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	7:58:14	1.0	Surface	1	2	20.27	7.92	31.21	93.2	7.02	8.7	10.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	7:58:02	3.1	Bottom	3	1	20.29	7.91	31.24	93.2	7.01	8.6	12.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	7:57:42	3.1	Bottom	3	2	20.36	7.9	31.32	93.3	7	8.5	12.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	8:15:13	1.0	Surface	1	1	20.23	7.91	31.17	95.1	7.17	9.6	8.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	8:14:56	1.0	Surface	1	2	20.22	7.91	31.17	95.3	7.18	9.6	8.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	8:15:04	2.6	Bottom	3	1	20.25	7.91	31.21	95.2	7.17	9.8	10.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	8:14:46	2.6	Bottom	3	2	20.21	7.91	31.18	95.4	7.19	9.6	10.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	7:44:29	1.0	Surface	1	1	20.27	8.12	31.57	92.4	6.94	4	5.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	7:45:05	1.0	Surface	1	2	20.31	8.12	31.61	92.2	6.92	4.3	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	2013-12-11	Mid-Ebb	Fine	IS10	7:44:12	4.8	Middle	2	1	20.39	8.12	31.76	92	6.88	5.1	5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	7:44:53	4.8	Middle	2	2	20.39	8.12	31.75	91.9	6.88	4.9	5.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	7:44:02	8.5	Bottom	3	1	20.42	8.12	31.83	92.2	6.89	5	4.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	7:44:45	8.5	Bottom	3	2	20.41	8.12	31.83	92.2	6.9	4.9	5.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR3	8:42:15	0.8	Middle	2	1	20.33	7.95	31.46	94.7	7.11	5.1	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR3	8:42:05	0.8	Middle	2	2	20.33	7.95	31.46	94.8	7.12	5.3	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	8:03:48	1.0	Surface	1	1	20.35	7.89	30.94	92	6.93	4.8	7.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	8:04:04	1.0	Surface	1	2	20.36	7.89	30.95	92	6.93	4.8	6.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	8:03:56	2.6	Bottom	3	1	20.36	7.89	30.97	92.1	6.93	4.8	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	8:03:39	2.6	Bottom	3	2	20.37	7.89	30.98	92.1	6.93	4.9	7.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	7:55:12	1.0	Surface	1	1	20.27	8.12	31.57	92.5	6.95	3.9	4.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	7:54:45	1.0	Surface	1	2	20.28	8.12	31.58	92.4	6.94	4.1	5.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	7:54:33	4.4	Bottom	3	1	20.39	8.12	31.78	92.4	6.91	4.6	7.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	7:54:57	4.4	Bottom	3	2	20.36	8.12	31.75	92.4	6.92	4.4	8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:50:48	1.0	Surface	1	1	20.69	7.94	32.64	90.8	6.72	2.3	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:50:11	1.0	Surface	1	2	20.69	7.93	32.64	90.8	6.73	2.3	7.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:50:39	3.3	Middle	2	1	20.7	7.93	32.65	90.6	6.71	2.3	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:50:02	3.3	Middle	2	2	20.7	7.92	32.65	90.8	6.72	2.4	5.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:50:29	5.5	Bottom	3	1	20.7	7.93	32.65	90.5	6.7	2.3	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	6:49:50	5.5	Bottom	3	2	20.7	7.92	32.65	90.8	6.72	2.3	6.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	6:41:37	1.0	Surface	1	1	20.73	7.92	32.59	89.9	6.66	2.4	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	6:41:58	1.0	Surface	1	2	20.74	7.92	32.6	90	6.66	2.5	5.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	6:41:26	3.8	Bottom	3	1	20.73	7.91	32.6	89.9	6.66	2.3	7.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	6:41:46	3.8	Bottom	3	2	20.73	7.92	32.61	89.8	6.65	2.5	7.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:12:33	1.0	Surface	1	1	20.2	8.12	31.25	94.5	7.12	5.1	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:13:16	1.0	Surface	1	2	20.2	8.12	31.25	94.3	7.1	4.5	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:12:20	3.5	Middle	2	1	20.21	8.12	31.26	94.2	7.09	4.6	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:13:03	3.5	Middle	2	2	20.22	8.12	31.26	94	7.08	4.8	6.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:12:53	5.9	Bottom	3	1	20.23	8.12	31.28	94	7.08	5.1	9.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	9:12:09	5.9	Bottom	3	2	20.22	8.12	31.28	94.1	7.09	5.1	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:25:58	1.0	Surface	1	1	20.33	7.9	31.58	90.5	6.79	3.2	4.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:25:12	1.0	Surface	1	2	20.3	7.9	31.53	90.9	6.83	3.3	5.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:24:58	6.4	Middle	2	1	20.59	7.92	32.25	90.3	6.72	3.2	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:25:47	6.4	Middle	2	2	20.59	7.91	32.29	90.3	6.71	3.2	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:24:47	11.8	Bottom	3	1	20.66	7.93	32.57	91.1	6.76	3.4	7.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	7:25:33	11.8	Bottom	3	2	20.66	7.93	32.63	91.3	6.76	3.3	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:41:38	1.0	Surface	1	1	20.32	7.94	31.27	95.8	7.2	8.3	14.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:54	1.0	Surface	1	2	20.32	7.94	31.26	95.9	7.21	8.4	15.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:44	4.3	Middle	2	1	20.33	7.94	31.38	95.7	7.19	8.6	16.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:41:27	4.3	Middle	2	2	20.32	7.94	31.37	95.6	7.18	8.5	17
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:34	7.6	Bottom	3	1	20.33	7.94	31.4	95.7	7.19	8.4	15.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:41:18	7.6	Bottom	3	2	20.33	7.95	31.42	95.5	7.17	8.5	16.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:29	1.0	Surface	1	1	20.34	7.93	31.16	97.1	7.3	9.7	13.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:47	1.0	Surface	1	2	20.34	7.93	31.16	97	7.3	9.6	12.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:18	2.2	Bottom	3	1	20.35	7.93	31.22	97.3	7.31	9.8	14.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:37	2.2	Bottom	3	2	20.35	7.93	31.22	97	7.29	9.6	13.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:51	1.0	Surface	1	1	20.43	7.93	31.2	95.6	7.18	10.2	11.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:26	1.0	Surface	1	2	20.45	7.93	31.22	96	7.2	10.1	11.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:17	2.2	Bottom	3	1	20.39	7.92	31.21	96	7.21	10.3	12.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:38	2.2	Bottom	3	2	20.37	7.92	31.22	95.6	7.18	10.3	14
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:19:09	1.0	Surface	1	1	20.3	7.91	31.31	93.1	7	5.8	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:18:53	1.0	Surface	1	2	20.3	7.91	31.31	93.4	7.02	5.8	7.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:19:01	2.8	Bottom	3	1	20.29	7.91	31.33	93.1	7	5.7	6.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:18:44	2.8	Bottom	3	2	20.29	7.91	31.33	93.4	7.02	5.8	7.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:18	1.0	Surface	1	1	20.36	7.93	31.21	95.5	7.17	10.4	11.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:34	1.0	Surface	1	2	20.36	7.93	31.2	95.3	7.16	10.3	12.2

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	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:26	2.8	Bottom	3	1	20.35	7.92	31.21	95.3	7.16	10.1	12.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:11	2.8	Bottom	3	2	20.34	7.92	31.21	95.5	7.18	10.3	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:37	1.0	Surface	1	1	20.35	8.15	31.23	93.8	7.05	6.3	6.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:27	1.0	Surface	1	2	20.36	8.15	31.26	93.6	7.03	6.9	8.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:25	4.8	Middle	2	1	20.37	8.14	31.36	93.3	7.01	7.5	8.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:13	4.8	Middle	2	2	20.38	8.14	31.45	93.2	6.99	7.3	9.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:06	8.6	Bottom	3	1	20.38	8.14	31.45	93.4	7.01	8.4	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:12	8.6	Bottom	3	2	20.38	8.14	31.42	93.3	7	8.6	13
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR3	13:31:44	0.7	Middle	2	1	20.29	7.92	31.22	96.9	7.29	11.3	14.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR3	13:31:34	0.7	Middle	2	2	20.3	7.92	31.24	97.1	7.3	11	13.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:54	1.0	Surface	1	1	20.34	7.91	31.29	91.4	6.87	8.6	12.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:38	1.0	Surface	1	2	20.35	7.91	31.3	91.8	6.89	8.9	11.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:29	2.8	Bottom	3	1	20.35	7.91	31.33	91.8	6.9	9.2	11.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:45	2.8	Bottom	3	2	20.34	7.91	31.32	91.5	6.87	8.6	11.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:12	1.0	Surface	1	1	20.39	8.14	31.31	94.3	7.08	7	12.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:39	1.0	Surface	1	2	20.38	8.15	31.24	94.8	7.12	7.2	12.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:28	4.5	Bottom	3	1	20.37	8.15	31.28	94.4	7.09	7.8	13.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:29:56	4.5	Bottom	3	2	20.38	8.14	31.48	93.9	7.04	8.3	14.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:36	1.0	Surface	1	1	20.73	7.95	32.72	90.5	6.69	2.8	4.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:06	1.0	Surface	1	2	20.74	7.95	32.76	90.6	6.7	3	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:26:55	3.4	Middle	2	1	20.75	7.95	32.84	90.7	6.7	3	5.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:26	3.4	Middle	2	2	20.75	7.95	32.84	90.4	6.68	3	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:16	5.8	Bottom	3	1	20.75	7.95	32.85	90.5	6.69	3	6.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:26:46	5.8	Bottom	3	2	20.75	7.95	32.85	90.8	6.71	3	5.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:50	1.0	Surface	1	1	20.74	7.96	32.74	90.4	6.68	2.8	4.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:36:25	1.0	Surface	1	2	20.74	7.96	32.7	90.5	6.69	2.7	5.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:58	4.2	Bottom	3	1	20.74	7.96	32.81	90.2	6.67	2.8	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:42	4.2	Bottom	3	2	20.74	7.96	32.81	90.3	6.68	2.8	5.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:44	1.0	Surface	1	1	20.28	8.2	31.21	95	7.15	7.2	6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:14:23	1.0	Surface	1	2	20.27	8.19	31.19	94.2	7.09	7.6	6.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:30	3.3	Middle	2	1	20.28	8.21	31.29	94.8	7.13	9.2	7.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:14:10	3.3	Middle	2	2	20.28	8.19	31.26	93.9	7.06	9.4	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:15	5.5	Bottom	3	1	20.29	8.22	31.33	95.8	7.2	9.5	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:58	5.5	Bottom	3	2	20.28	8.2	31.27	94.4	7.1	8.7	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:52:15	1.0	Surface	1	1	20.49	7.94	32.01	89.6	6.68	5.6	4.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:39	1.0	Surface	1	2	20.54	7.93	32.1	89.6	6.67	5.7	4.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:52:02	6.6	Middle	2	1	20.68	7.94	32.67	89.3	6.61	8.3	5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:28	6.6	Middle	2	2	20.67	7.93	32.65	89.6	6.63	8.5	5.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:18	12.1	Bottom	3	1	20.66	7.93	32.66	90.1	6.68	8.6	4.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:53	12.1	Bottom	3	2	20.66	7.94	32.66	89.7	6.65	8.5	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:27	1.0	Surface	1	1	19.79	7.98	31.96	96.7	7.31	4.5	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	11:00:00	1.0	Surface	1	2	19.81	7.98	31.98	96.8	7.31	4.6	5.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:50	4.3	Middle	2	1	19.84	7.99	32.07	96.4	7.28	5.1	7.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:15	4.3	Middle	2	2	19.85	7.98	32.06	96.6	7.29	5.1	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:04	7.5	Bottom	3	1	19.85	7.98	32.15	96.7	7.29	5.1	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:39	7.5	Bottom	3	2	19.85	7.99	32.15	96.6	7.29	5.2	7.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:52	1.0	Surface	1	1	19.79	7.96	31.88	96.7	7.31	6.6	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:33	1.0	Surface	1	2	19.83	7.96	31.94	96.8	7.32	6.4	9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:24	2.1	Bottom	3	1	19.85	7.96	31.99	97	7.33	6.8	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:40	2.1	Bottom	3	2	19.85	7.97	32	96.7	7.3	6.6	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:45:15	1.0	Surface	1	1	19.69	7.95	31.64	97.4	7.39	3.8	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:44:55	1.0	Surface	1	2	19.69	7.95	31.64	97.7	7.42	3.7	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:45:03	2.2	Bottom	3	1	19.69	7.95	31.65	97.5	7.4	3.8	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:44:43	2.2	Bottom	3	2	19.69	7.95	31.65	97.8	7.42	3.8	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:04	1.0	Surface	1	1	19.82	7.91	31.73	92.9	7.03	6.9	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:19	1.0	Surface	1	2	19.82	7.91	31.72	92.8	7.02	6.7	8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:11	3.1	Bottom	3	1	19.81	7.91	31.84	93	7.03	6.8	8.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:20:55	3.1	Bottom	3	2	19.9	7.91	31.96	93	7.02	6.8	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:37:56	1.0	Surface	1	1	19.72	7.93	31.66	95.3	7.23	6.5	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:38:12	1.0	Surface	1	2	19.72	7.93	31.66	95	7.21	6.6	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:37:47	2.5	Bottom	3	1	19.72	7.93	31.68	95.4	7.23	6.8	8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:38:04	2.5	Bottom	3	2	19.72	7.93	31.69	95.2	7.22	6.7	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:55:41	1.0	Surface	1	1	19.88	8.11	32.04	93.7	7.07	5.2	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:56:50	1.0	Surface	1	2	19.98	8.12	32.09	92.9	7	5.6	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:56:40	5.1	Middle	2	1	20.19	8.12	32.44	93.2	6.97	6	7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:55:26	5.1	Middle	2	2	20.19	8.12	32.46	93.4	6.99	5.8	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:55:17	9.1	Bottom	3	1	20.16	8.12	32.47	93.5	7	5.6	9.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	9:56:28	9.1	Bottom	3	2	20.19	8.13	32.51	93.4	6.98	5.7	8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR3	11:04:41	0.7	Middle	2	1	19.8	7.99	31.97	96.7	7.31	4.2	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR3	11:04:52	0.7	Middle	2	2	19.79	7.98	31.96	96.6	7.3	4.2	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:27:17	1.0	Surface	1	1	19.65	7.9	31.34	91.1	6.93	4.1	4.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:26:54	1.0	Surface	1	2	19.67	7.9	31.37	91.3	6.94	4.1	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:26:44	2.8	Bottom	3	1	19.7	7.89	31.48	91.7	6.96	4.3	5.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:27:05	2.8	Bottom	3	2	19.69	7.9	31.44	91.2	6.93	4.3	5.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:56	1.0	Surface	1	1	19.98	8.12	32.1	93.4	7.03	5.1	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:33	1.0	Surface	1	2	19.87	8.12	32.03	93.8	7.08	4.9	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:45	4.7	Bottom	3	1	20.12	8.12	32.38	93.9	7.04	5.2	7.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:14	4.7	Bottom	3	2	20.17	8.12	32.4	93.6	7.01	5	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:05:57	1.0	Surface	1	1	20.62	7.94	33.01	90	6.66	2.7	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:06:27	1.0	Surface	1	2	20.61	7.94	32.99	90	6.66	2.8	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:06:19	3.3	Middle	2	1	20.63	7.94	33.03	90	6.66	2.8	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:05:44	3.3	Middle	2	2	20.63	7.94	33.04	90.2	6.67	3	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:06:07	5.5	Bottom	3	1	20.64	7.94	33.06	90	6.65	2.9	7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	9:05:32	5.5	Bottom	3	2	20.63	7.94	33.05	90.1	6.67	2.9	6.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	8:59:50	1.0	Surface	1	1	20.63	7.91	32.97	91	6.73	3.2	6.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	9:00:07	1.0	Surface	1	2	20.63	7.91	32.98	90.7	6.71	3.1	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	8:59:40	3.8	Bottom	3	1	20.63	7.91	32.96	91.2	6.75	3.3	8.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	8:59:58	3.8	Bottom	3	2	20.63	7.91	32.98	90.8	6.72	3.2	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:46	1.0	Surface	1	1	20.08	8.13	32.28	95.2	7.15	4.6	9.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:11	1.0	Surface	1	2	20.1	8.13	32.29	95.1	7.14	4.7	7.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:33	3.5	Middle	2	1	20.01	8.15	32.33	95.4	7.16	4	10
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:17:56	3.5	Middle	2	2	20.01	8.15	32.34	95.3	7.16	4	9.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:23	6.0	Bottom	3	1	20.01	8.15	32.36	94.8	7.12	4.5	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:17:44	6.0	Bottom	3	2	20	8.15	32.38	94.6	7.1	4.3	9.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:38:49	1.0	Surface	1	1	20.25	7.89	32.39	90.6	6.77	2.7	6.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:39:29	1.0	Surface	1	2	20.31	7.9	32.54	90.5	6.75	2.7	5.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:38:37	6.4	Middle	2	1	20.54	7.9	32.98	90.7	6.72	2.7	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:39:16	6.4	Middle	2	2	20.59	7.91	33.07	90.4	6.69	2.8	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:39:04	11.8	Bottom	3	1	20.57	7.91	33.08	90.8	6.72	2.8	5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	9:38:20	11.8	Bottom	3	2	20.57	7.9	33.07	91.1	6.74	2.7	4.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:54	1.0	Surface	1	1	19.84	7.99	31.96	96.9	7.32	5.8	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:26	1.0	Surface	1	2	19.83	7.99	31.93	96.9	7.32	5.6	7.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:16	4.2	Middle	2	1	19.86	8	32.11	96.6	7.29	5.6	8.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:44	4.2	Middle	2	2	19.86	7.99	32.13	96.7	7.29	5.7	10.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:37	7.3	Bottom	3	1	19.85	7.99	32.13	96.9	7.31	5.7	10.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:04	7.3	Bottom	3	2	19.85	7.99	32.12	96.8	7.3	5.7	11
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:02:10	1.0	Surface	1	1	19.72	7.96	31.69	97.7	7.41	14.5	11.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:01:54	1.0	Surface	1	2	19.73	7.96	31.71	97.8	7.41	14.1	11.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:01:42	2.1	Bottom	3	1	19.76	7.96	31.78	97.9	7.42	14.2	12.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:02:00	2.1	Bottom	3	2	19.74	7.96	31.76	97.8	7.41	14.2	13.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:09:05	1.0	Surface	1	1	19.7	7.96	31.66	99.1	7.52	5.3	6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:08:50	1.0	Surface	1	2	19.71	7.96	31.66	99	7.51	5.6	7.5

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	2013-12-13	Mid-Flood	Fine	IS7	15:08:56	2.2	Bottom	3	1	19.71	7.96	31.67	99.2	7.52	5.1	8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:08:41	2.2	Bottom	3	2	19.71	7.96	31.68	99.5	7.54	5.4	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:16	1.0	Surface	1	1	19.87	7.94	31.84	94.1	7.11	8.3	8.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:28	1.0	Surface	1	2	19.87	7.93	31.85	94.1	7.11	8.5	9.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:22	3.0	Bottom	3	1	19.86	7.94	31.93	94.6	7.14	8.8	11.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:09	3.0	Bottom	3	2	19.84	7.94	31.91	94.3	7.12	8.9	11.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:20	1.0	Surface	1	1	19.88	7.96	31.87	95.2	7.19	15.9	11.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:36	1.0	Surface	1	2	19.87	7.96	31.86	95.2	7.19	15.8	11.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:12	2.7	Bottom	3	1	19.89	7.96	31.98	95.4	7.2	16.1	14.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:27	2.7	Bottom	3	2	19.88	7.97	31.97	95.3	7.19	15.8	14.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:58:10	1.0	Surface	1	1	20.15	8.13	32.34	96.9	7.26	3.1	7.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:39	1.0	Surface	1	2	20.16	8.13	32.34	97	7.27	3.1	6.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:28	5.1	Middle	2	1	20.1	8.13	32.34	96.8	7.26	3.8	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:58:00	5.1	Middle	2	2	20.1	8.14	32.34	96.7	7.26	3.7	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:48	9.2	Bottom	3	1	20.08	8.14	32.33	96.5	7.24	5.2	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:13	9.2	Bottom	3	2	20.06	8.14	32.33	96.8	7.27	5	5.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR3	14:45:50	0.7	Middle	2	1	19.8	7.97	31.86	99.2	7.5	6.9	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR3	14:45:58	0.7	Middle	2	2	19.8	7.97	31.87	98.9	7.48	6.9	9.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:03	1.0	Surface	1	1	19.88	7.92	31.81	92.9	7.02	4.8	5.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:28	1.0	Surface	1	2	19.91	7.92	31.83	91.9	6.94	4.7	5.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:19	2.8	Bottom	3	1	19.91	7.93	31.85	92.1	6.95	5.4	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:26:51	2.8	Bottom	3	2	19.89	7.92	31.83	93.2	7.04	5.4	5.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:47:58	1.0	Surface	1	1	20.16	8.11	32.32	97.4	7.3	2.5	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:48:24	1.0	Surface	1	2	20.16	8.12	32.33	97.2	7.28	2.5	3.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:48:12	4.4	Bottom	3	1	20.1	8.12	32.33	97	7.28	2.5	5.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:47:41	4.4	Bottom	3	2	20.09	8.12	32.33	97.2	7.29	2.6	3.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:50	1.0	Surface	1	1	20.63	7.97	33.23	90.2	6.66	3	3.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:31	1.0	Surface	1	2	20.63	7.98	33.23	90.1	6.66	3	3.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:21	3.3	Middle	2	1	20.63	7.98	33.23	90	6.65	3.2	5.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:39	3.3	Middle	2	2	20.63	7.97	33.23	90.1	6.66	3	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:27	5.5	Bottom	3	1	20.63	7.97	33.23	90.2	6.66	3.1	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:04	5.5	Bottom	3	2	20.63	7.97	33.24	89.9	6.65	3.2	7.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:04	1.0	Surface	1	1	20.63	7.98	33.24	90.1	6.66	3.1	5.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:20	1.0	Surface	1	2	20.63	7.98	33.24	90	6.65	3.2	5.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:13	4.3	Bottom	3	1	20.63	7.98	33.25	90	6.65	3	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:55:56	4.3	Bottom	3	2	20.63	7.98	33.25	90.1	6.66	3.1	6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:29:01	1.0	Surface	1	1	20.06	8.1	32.34	99.4	7.46	3.3	3.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:29	1.0	Surface	1	2	20.05	8.1	32.35	101.1	7.59	3.1	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:49	3.4	Middle	2	1	20.06	8.11	32.35	99.6	7.47	3.3	5.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:21	3.4	Middle	2	2	20.05	8.11	32.38	101.4	7.61	3.5	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:40	5.7	Bottom	3	1	20.05	8.12	32.35	100.3	7.52	4.4	4.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:07	5.7	Bottom	3	2	20.05	8.1	32.53	103.4	7.75	4.2	4.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:14:21	1.0	Surface	1	1	20.39	7.97	32.69	90.8	6.76	3.2	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:27	1.0	Surface	1	2	20.4	7.97	32.69	91.2	6.79	3.4	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:14:07	6.6	Middle	2	1	20.55	7.97	33.05	89.6	6.64	3.9	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:17	6.6	Middle	2	2	20.52	7.97	32.98	90.6	6.72	3.6	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:04	12.1	Bottom	3	1	20.55	7.97	33.08	91.4	6.77	3.7	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:56	12.1	Bottom	3	2	20.58	7.95	33.05	89.6	6.63	3.7	4.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:59	1.0	Surface	1	1	19.42	8	32.23	93.9	7.13	7.3	9.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:37	1.0	Surface	1	2	19.42	7.99	32.27	93.9	7.13	7.3	8.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:51	4.8	Middle	2	1	19.44	7.99	32.39	93.8	7.12	7.6	9.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:29	4.8	Middle	2	2	19.44	7.98	32.36	93.8	7.12	7.4	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:22	8.5	Bottom	3	1	19.43	7.98	32.36	93.7	7.11	7.4	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:46	8.5	Bottom	3	2	19.43	7.99	32.36	93.7	7.11	7.6	13.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:07	1.0	Surface	1	1	19.25	7.99	32.16	96.1	7.33	5.9	8.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:16	1.0	Surface	1	2	19.3	8	32.24	95.4	7.28	5.8	8.6

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	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:03	2.7	Bottom	3	1	19.19	7.99	32.15	95.7	7.3	5.8	10.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:11	2.7	Bottom	3	2	19.22	7.99	32.14	95.1	7.25	5.8	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:11	1.0	Surface	1	1	19.26	7.99	32.23	101.2	7.72	10.9	15.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:19	1.0	Surface	1	2	19.3	7.99	32.26	98.9	7.54	11.6	16.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:07	2.9	Bottom	3	1	19.24	7.99	32.22	99.9	7.61	11.1	16.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:15	2.9	Bottom	3	2	19.26	7.99	32.24	97.9	7.46	11.5	17
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:24	1.0	Surface	1	1	19.62	7.98	32.55	92.3	6.97	7.6	11.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:16	1.0	Surface	1	2	19.66	7.98	32.58	92.6	6.99	7.4	11.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:20	2.6	Bottom	3	1	19.63	7.98	32.57	92.3	6.97	7.4	12.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:12	2.6	Bottom	3	2	19.64	7.98	32.65	92.4	6.98	7.5	12.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:07	1.0	Surface	1	1	19.51	7.98	32.37	99.4	7.54	8.5	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:15	1.0	Surface	1	2	19.5	7.98	32.37	97.5	7.4	8.4	13.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:04	2.5	Bottom	3	1	19.51	7.98	32.38	98.4	7.46	8.6	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:11	2.5	Bottom	3	2	19.48	7.98	32.37	96.9	7.35	8.4	15.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:45	1.0	Surface	1	1	19.67	8.18	32.97	94.5	7.12	6	13.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:42	1.0	Surface	1	2	19.68	8.18	32.97	94.4	7.11	6.1	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:27	5.3	Middle	2	1	19.71	8.18	33	94.1	7.08	6.2	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:27	5.3	Middle	2	2	19.73	8.18	33.01	94	7.07	6.1	14.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:13	9.6	Bottom	3	1	19.75	8.18	33.05	94.2	7.08	6.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:14	9.6	Bottom	3	2	19.77	8.18	33.07	94.2	7.08	6.1	13.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR3	11:01:36	1.0	Middle	2	1	19.35	7.93	32.15	102.7	7.82	7	13
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR3	11:01:39	1.0	Middle	2	2	19.35	7.93	32.15	102.6	7.81	6.9	12.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:21	1.0	Surface	1	1	19.59	7.97	32.51	98.6	7.46	7.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:28	1.0	Surface	1	2	19.6	7.98	32.57	96.2	7.28	7.5	14.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:24	2.8	Bottom	3	1	19.56	7.97	32.51	95.7	7.24	7.4	15.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:15	2.8	Bottom	3	2	19.56	7.97	32.52	97	7.34	7.4	14
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:12:20	1.0	Surface	1	1	19.67	8.17	32.98	95.3	7.17	6.1	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:11:58	1.0	Surface	1	2	19.66	8.17	32.97	95.6	7.2	6.2	15
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:11:47	3.5	Bottom	3	1	19.67	8.17	32.99	95.9	7.22	6.3	14.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:12:10	3.5	Bottom	3	2	19.7	8.17	33.01	95.4	7.18	6.2	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:21	1.0	Surface	1	1	20.04	7.99	33	94.2	7.31	5.1	11.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:50	1.0	Surface	1	2	20.04	7.99	33	94.1	7.3	5.1	12
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:12	3.1	Middle	2	1	20.04	7.99	33	94	7.3	5.1	13.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:40	3.1	Middle	2	2	20.05	7.99	33	94	7.3	5.3	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:31	5.1	Bottom	3	1	20.05	7.99	33	93.9	7.29	5.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:04	5.1	Bottom	3	2	20.04	8	33	94	7.3	5.3	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:30	1.0	Surface	1	1	20.03	7.99	33	95	7.38	4.9	10.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:57	1.0	Surface	1	2	20.03	7.99	33	94.6	7.34	5.2	9.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:43	3.4	Bottom	3	1	20.03	7.99	33	94.5	7.34	5.2	11.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:19	3.4	Bottom	3	2	20.03	7.99	33	94.8	7.36	5.2	11.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:54:22	1.0	Surface	1	1	19.67	8.15	32.97	94.8	7.14	7.5	14.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:33	1.0	Surface	1	2	19.69	8.14	32.99	95.8	7.21	7.9	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:21	4.1	Middle	2	1	19.73	8.14	33.03	96.3	7.24	8.8	13.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:54:06	4.1	Middle	2	2	19.73	8.15	33.02	94.7	7.12	8.6	14.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:54	7.1	Bottom	3	1	19.77	8.15	33.07	94.9	7.13	9.2	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:52:59	7.1	Bottom	3	2	19.78	8.13	33.08	99.2	7.45	9.2	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:28	1.0	Surface	1	1	20.8	8.01	33.04	97.2	7.55	4.7	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:15:31	1.0	Surface	1	2	20.07	8.01	33.04	97.3	7.55	4.8	10.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:15:10	6.6	Middle	2	1	20.08	8.01	33.04	96.9	7.5	5.1	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:07	6.6	Middle	2	2	20.1	8.01	33.05	96.6	7.49	4.9	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:49	12.1	Bottom	3	1	20.1	8.01	33.05	96.6	7.49	5.3	11.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:13:46	12.1	Bottom	3	2	20.12	8.01	33.05	96.3	7.47	5.1	12.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	7:46:38	1.0	Surface	1	1	19.43	8.04	32.31	94.4	7.17	8	11.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	7:46:16	1.0	Surface	1	2	19.42	8.03	32.31	95	7.21	7.6	10.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	7:46:32	4.8	Middle	2	1	19.44	8.04	32.37	94.3	7.16	8.2	10.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	7:46:11	4.8	Middle	2	2	19.44	8.03	32.37	94.7	7.19	7.8	11.5

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	2013-12-16	Mid-Flood	Rainy	IS5	7:46:28	8.5	Bottom	3	1	19.42	8.04	32.37	94.3	7.15	7.8	13.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	7:46:05	8.5	Bottom	3	2	19.4	8.03	32.36	94.7	7.19	7.5	13.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	7:39:17	1.0	Surface	1	1	19.31	8.03	32.37	97.2	7.38	11.8	14
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	7:38:57	1.0	Surface	1	2	19.38	8.03	32.4	98.6	7.5	12.2	13.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	7:38:54	2.4	Bottom	3	1	19.37	8.03	32.4	97.9	7.44	12.2	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	7:39:01	2.4	Bottom	3	2	19.36	8.03	32.39	96.2	7.32	12	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	7:32:51	1.0	Surface	1	1	19.4	8.01	32.36	96.9	7.36	15.5	18
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	7:33:00	1.0	Surface	1	2	19.4	8.01	32.36	96	7.29	15.1	18.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	7:32:47	2.2	Bottom	3	1	19.39	8.01	32.36	96.3	7.32	15.9	18.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	7:32:55	2.2	Bottom	3	2	19.39	8.01	32.36	95.4	7.25	15.2	18.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	7:09:45	1.0	Surface	1	1	19.62	7.99	32.41	96.6	7.3	6.8	12.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	7:09:58	1.0	Surface	1	2	19.62	7.99	32.41	95	7.18	6.8	12.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	7:09:51	2.7	Bottom	3	1	19.62	7.99	32.41	94.3	7.13	6.7	16.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	7:09:40	2.7	Bottom	3	2	19.62	7.99	32.41	95.7	7.24	7	16.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	7:26:34	1.0	Surface	1	1	19.66	7.98	32.49	98.6	7.45	13.2	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	7:26:48	1.0	Surface	1	2	19.66	7.99	32.48	96.5	7.29	13.3	14.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	7:26:30	2.8	Bottom	3	1	19.66	7.98	32.49	97.4	7.36	13.4	17.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	7:26:38	2.8	Bottom	3	2	19.66	7.99	32.48	95.1	7.18	13.5	16.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:04:23	1.0	Surface	1	1	19.76	8.2	33.05	94.8	7.13	12.3	25
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:03:36	1.0	Surface	1	2	19.75	8.2	33.06	95	7.14	12.4	24.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:03:19	5.2	Middle	2	1	19.78	8.2	33.08	94.8	7.12	12.7	23.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:04:04	5.2	Middle	2	2	19.78	8.2	33.08	94.6	7.11	12.6	24.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:03:48	9.4	Bottom	3	1	19.78	8.2	33.08	94.6	7.11	12.6	25.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	7:03:09	9.4	Bottom	3	2	19.78	8.2	33.09	94.7	7.11	12.8	24.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR3	7:53:09	0.8	Middle	2	1	19.33	8.03	32.21	94.1	7.16	5.8	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR3	7:53:11	0.8	Middle	2	2	19.33	8.03	32.21	94.1	7.16	5.8	10.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	7:15:35	1.0	Surface	1	1	19.54	7.97	32.1	93.6	7.1	7.2	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	7:15:26	1.0	Surface	1	2	19.54	7.97	32.1	95.1	7.22	7.6	10.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	7:15:22	2.6	Bottom	3	1	19.54	7.97	32.1	94.3	7.15	7.7	13.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	7:15:31	2.6	Bottom	3	2	19.54	7.97	32.1	93	7.06	7.3	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	7:14:36	1.0	Surface	1	1	19.74	8.2	33.04	94.5	7.11	13.2	20.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	7:14:04	1.0	Surface	1	2	19.75	8.2	33.05	94.6	7.11	13.1	19.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	7:13:55	3.6	Bottom	3	1	19.76	8.2	33.05	94.6	7.11	13.2	20.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	7:14:24	3.6	Bottom	3	2	19.74	8.2	33.05	94.5	7.1	13.1	20.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:13:09	1.0	Surface	1	1	20.33	7.93	33.04	90	6.69	5	9.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:12:55	1.0	Surface	1	2	20.33	7.93	33.04	91.4	6.8	5	8.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:13:05	3.2	Middle	2	1	20.33	7.93	33.04	89.7	6.67	5.1	9.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:12:49	3.2	Middle	2	2	20.33	7.93	33.05	91	6.77	5.3	9.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:13:02	5.3	Bottom	3	1	20.33	7.93	33.04	89.7	6.67	5.3	11.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	6:12:46	5.3	Bottom	3	2	20.32	7.93	33.04	90.5	6.73	5.2	10.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	6:07:05	1.0	Surface	1	1	20.31	7.89	32.95	89.8	6.69	5.3	9.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	6:06:55	1.0	Surface	1	2	20.31	7.88	32.92	90.1	6.71	5.7	8.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	6:06:50	4.2	Bottom	3	1	20.31	7.88	32.92	90	6.7	5.5	11.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	6:07:00	4.2	Bottom	3	2	20.31	7.89	32.94	89.6	6.67	5.4	10.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:37:09	1.0	Surface	1	1	19.79	8.21	33.23	95.2	7.14	8.6	14.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:36:42	1.0	Surface	1	2	19.79	8.21	33.24	95.2	7.14	8.9	14.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:37:01	4.0	Middle	2	1	19.81	8.22	33.27	95.1	7.13	8.6	15.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:36:32	4.0	Middle	2	2	19.8	8.21	33.25	95.1	7.14	8.6	14.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:36:20	7.0	Bottom	3	1	19.81	8.21	33.28	95	7.13	9.6	22.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	8:36:52	7.0	Bottom	3	2	19.8	8.21	33.27	95	7.13	9.5	21.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:41:13	1.0	Surface	1	1	20.21	7.99	33.02	89.8	6.69	9	10.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:42:04	1.0	Surface	1	2	20.16	8	33.05	90.2	6.73	8.6	11.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:41:03	6.5	Middle	2	1	20.21	7.99	33.02	89.4	6.67	9.1	10.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:41:40	6.5	Middle	2	2	20.21	8	33.02	89.4	6.67	9	9.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:41:27	11.9	Bottom	3	1	20.2	8	33.01	89.3	6.66	8.9	14.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	6:40:56	11.9	Bottom	3	2	20.21	7.99	33.02	89.4	6.66	9.1	13.3

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	2013-12-18	Mid-Ebb	Sunny	IS5	12:15:11	1.0	Surface	1	1	17.93	7.97	31.34	93.8	7.38	10.1	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:45	1.0	Surface	1	2	17.91	7.96	31.33	93.8	7.38	10.6	15.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:37	4.6	Middle	2	1	17.91	7.96	31.34	93.9	7.39	10.7	16.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:15:04	4.6	Middle	2	2	17.91	7.96	31.34	93.5	7.35	10.6	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:29	8.1	Bottom	3	1	17.9	7.96	31.33	93.7	7.37	11.4	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:55	8.1	Bottom	3	2	17.92	7.96	31.35	93.7	7.37	11	18
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:22:04	1.0	Surface	1	1	17.87	7.95	31.15	95.8	7.55	20.8	13.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:54	1.0	Surface	1	2	17.87	7.95	31.17	96.1	7.58	20.6	12.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:48	2.4	Bottom	3	1	17.87	7.95	31.15	96.2	7.58	21.4	16.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:58	2.4	Bottom	3	2	17.86	7.95	31.16	95.9	7.55	21.6	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:19	1.0	Surface	1	1	18.12	7.98	31.65	95.5	7.47	10	17.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:05	1.0	Surface	1	2	18.11	7.97	31.63	95.8	7.5	10.2	16.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:28:59	2.4	Bottom	3	1	18.1	7.97	31.62	96	7.51	10.6	19.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:12	2.4	Bottom	3	2	18.11	7.97	31.65	95.7	7.48	10.4	19.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:20	1.0	Surface	1	1	17.96	7.98	31.44	95.9	7.54	6.7	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:38	1.0	Surface	1	2	17.96	7.98	31.45	95.7	7.52	6.6	9.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:10	2.5	Bottom	3	1	17.95	7.98	31.43	95.8	7.52	7	9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:27	2.5	Bottom	3	2	17.96	7.98	31.47	95.7	7.51	6.9	10.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:31	1.0	Surface	1	1	18.11	7.97	31.68	95.1	7.44	13.4	11.4
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:19	1.0	Surface	1	2	18.11	7.97	31.68	95.5	7.47	13.4	10.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:11	2.4	Bottom	3	1	18.1	7.96	31.65	95.6	7.48	13.7	13
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:24	2.4	Bottom	3	2	18.1	7.97	31.66	95.2	7.45	13.6	12.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:39	1.0	Surface	1	1	18.47	8.21	32.76	94.2	7.26	7.9	12
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:03	1.0	Surface	1	2	18.47	8.21	32.76	94.1	7.26	7.5	11.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:26	5.4	Middle	2	1	18.47	8.21	32.78	93.8	7.23	8.2	13.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:29:52	5.4	Middle	2	2	18.47	8.21	32.78	93.8	7.24	8.1	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:14	9.8	Bottom	3	1	18.48	8.21	32.79	93.9	7.24	8.4	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:29:44	9.8	Bottom	3	2	18.47	8.21	32.78	93.8	7.23	8.5	13.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR3	12:03:51	0.8	Middle	2	1	17.9	7.93	31.26	95.3	7.5	11.4	14.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR3	12:03:55	0.8	Middle	2	2	17.91	7.93	31.27	95.2	7.49	11.2	15.4
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:16	1.0	Surface	1	1	17.95	7.96	31.4	96.3	7.57	6.7	9.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:35	1.0	Surface	1	2	17.95	7.97	31.41	95.9	7.54	6.8	8.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:10	2.3	Bottom	3	1	17.94	7.96	31.38	96.3	7.57	6.9	9.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:25	2.3	Bottom	3	2	17.99	7.96	31.48	96.1	7.54	7	9.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:03	1.0	Surface	1	1	18.47	8.21	32.76	95.4	7.36	7.6	13.4
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:23	1.0	Surface	1	2	18.47	8.21	32.77	95	7.32	7.5	13.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:14	3.6	Bottom	3	1	18.47	8.21	32.77	95	7.33	7.6	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:18:52	3.6	Bottom	3	2	18.47	8.2	32.77	95.6	7.37	7.7	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:40	1.0	Surface	1	1	19.67	7.99	33.26	91.5	6.89	4.9	7.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:11	1.0	Surface	1	2	19.65	7.98	33.23	91.6	6.9	4.9	7.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:01:59	3.3	Middle	2	1	19.67	7.97	33.24	91.8	6.91	5.3	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:31	3.3	Middle	2	2	19.66	7.99	33.25	91.4	6.88	5.7	7.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:01:48	5.5	Bottom	3	1	19.66	7.97	33.22	92	6.93	5.7	9.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:21	5.5	Bottom	3	2	19.67	7.98	33.26	91.4	6.88	5.8	9.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:28	1.0	Surface	1	1	19.67	8	33.29	91.2	6.87	4.7	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:14	1.0	Surface	1	2	19.67	8	33.29	91.3	6.87	4.9	9.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:06	4.5	Bottom	3	1	19.65	8	33.28	91.2	6.87	5.1	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:21	4.5	Bottom	3	2	19.66	8	33.28	91.1	6.86	5	9.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	12:00:02	1.0	Surface	1	1	18.77	8.23	32.92	95.8	7.34	8.6	14.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:30	1.0	Surface	1	2	18.77	8.24	32.97	97.6	7.47	8.6	15.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:53	4.0	Middle	2	1	18.77	8.23	32.96	96	7.35	8.2	14.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:20	4.0	Middle	2	2	18.77	8.24	33.02	98.6	7.55	8.5	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:06	7.0	Bottom	3	1	18.78	8.24	33.07	101.1	7.74	8.5	16.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:41	7.0	Bottom	3	2	18.78	8.23	32.99	96.5	7.39	8.3	15.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:46	1.0	Surface	1	1	19.74	7.97	33.2	92	6.92	4.2	7.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:35:16	1.0	Surface	1	2	19.75	7.98	33.23	91.6	6.89	4.4	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	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:35:07	6.7	Middle	2	1	19.74	7.98	33.23	91.5	6.88	4.7	7.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:35	6.7	Middle	2	2	19.75	7.97	33.2	92.2	6.93	4.6	5.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:58	12.4	Bottom	3	1	19.75	7.98	33.24	91.6	6.89	4.6	8.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:23	12.4	Bottom	3	2	19.73	7.96	33.19	92.4	6.95	4.8	9.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:07:48	1.0	Surface	1	1	17.87	7.99	31.58	93.3	7.33	11.9	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:08:09	1.0	Surface	1	2	17.89	8	31.62	93	7.31	12.1	18
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:08:02	4.7	Middle	2	1	17.89	7.99	31.63	92.9	7.29	12.6	17
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:07:37	4.7	Middle	2	2	17.89	7.98	31.6	93.4	7.34	12.2	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:07:30	8.3	Bottom	3	1	17.87	7.98	31.57	93.6	7.36	12.5	17.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	9:07:56	8.3	Bottom	3	2	17.89	7.99	31.63	93.1	7.32	12.8	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	9:00:17	1.0	Surface	1	1	17.73	7.99	31.65	94.1	7.42	11.2	12.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	9:00:32	1.0	Surface	1	2	17.75	8	31.67	93.9	7.39	11.4	11.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	9:00:06	2.5	Bottom	3	1	17.73	7.98	31.74	94.3	7.42	11.9	12.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	9:00:24	2.5	Bottom	3	2	17.73	7.99	31.77	94	7.39	11.7	11.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	8:54:02	1.0	Surface	1	1	17.91	7.99	31.92	93.8	7.36	12.1	15.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	8:53:51	1.0	Surface	1	2	17.91	7.98	31.91	94	7.37	12.4	14.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	8:53:56	2.4	Bottom	3	1	17.89	7.98	31.91	93.7	7.35	12.3	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	8:53:43	2.4	Bottom	3	2	17.89	7.98	31.9	94	7.37	12.6	16.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	8:17:09	1.0	Surface	1	1	18.09	7.96	31.88	93.6	7.32	7.9	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	8:16:57	1.0	Surface	1	2	18.09	7.95	31.87	94	7.35	8	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	8:16:50	2.7	Bottom	3	1	18.08	7.95	31.85	94.3	7.37	8.2	11.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	8:17:03	2.7	Bottom	3	2	18.08	7.96	31.87	93.6	7.32	8.1	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	8:47:33	1.0	Surface	1	1	17.9	7.97	31.79	93.9	7.37	18.9	24.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	8:47:22	1.0	Surface	1	2	17.89	7.96	31.78	94.2	7.39	18.7	23.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	8:47:27	2.4	Bottom	3	1	17.88	7.96	31.77	93.9	7.37	19.2	27.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	8:47:14	2.4	Bottom	3	2	17.88	7.95	31.76	94.3	7.4	19.4	26.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:52:14	1.0	Surface	1	1	18.12	8.19	32.75	94.5	7.34	13.1	17.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:52:48	1.0	Surface	1	2	18.07	8.19	32.71	94.1	7.32	12.7	18.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:52:38	5.4	Middle	2	1	18.14	8.19	32.73	94	7.3	11.4	20.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:52:00	5.4	Middle	2	2	18.14	8.18	32.73	94.3	7.32	11.3	19.4
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:52:28	9.7	Bottom	3	1	18.18	8.19	32.8	94.2	7.3	11.6	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	8:51:48	9.7	Bottom	3	2	18.31	8.19	32.83	94.7	7.32	11.4	21.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR3	9:18:49	0.8	Middle	2	1	17.88	8.01	31.64	93.3	7.33	12.8	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR3	9:18:44	0.8	Middle	2	2	17.84	8.01	31.64	93.2	7.32	12.7	16.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	8:27:58	1.0	Surface	1	1	18.09	7.98	31.91	92.9	7.26	7.4	12.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	8:27:43	1.0	Surface	1	2	18.09	7.97	31.91	93	7.27	7.5	11.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	8:27:49	2.5	Bottom	3	1	18.08	7.98	31.9	93	7.26	7.6	13
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	8:27:35	2.5	Bottom	3	2	18.08	7.98	31.9	93	7.27	7.7	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	9:02:13	1.0	Surface	1	1	17.94	8.18	32.66	93.5	7.29	14.3	22.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	9:02:42	1.0	Surface	1	2	17.93	8.18	32.66	93.4	7.28	14.3	21.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	9:02:32	3.5	Bottom	3	1	18	8.19	32.68	93.3	7.26	14.6	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	9:02:03	3.5	Bottom	3	2	17.95	8.18	32.68	93.5	7.29	14.7	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:16:48	1.0	Surface	1	1	19.65	8.03	33.27	91.5	6.89	8.4	9.4
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:17:23	1.0	Surface	1	2	19.68	8.03	33.3	90.8	6.83	8	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:16:36	3.3	Middle	2	1	19.66	8.01	33.28	91.2	6.86	8.4	10
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:17:13	3.3	Middle	2	2	19.68	8.03	33.3	90.5	6.81	8.7	8.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:16:19	5.5	Bottom	3	1	19.67	8.01	33.3	91.1	6.85	8.9	13
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	7:17:05	5.5	Bottom	3	2	19.69	8.03	33.31	90.6	6.81	8.9	11.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	7:08:19	1.0	Surface	1	1	19.69	7.97	33.36	92.5	6.96	7.3	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	7:08:42	1.0	Surface	1	2	19.69	7.99	33.37	91.9	6.91	7.1	13.4
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	7:08:29	4.6	Bottom	3	1	19.68	7.98	33.36	91.4	6.87	7.4	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	7:08:03	4.6	Bottom	3	2	19.67	7.97	33.35	91.5	6.88	7.6	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:47	1.0	Surface	1	1	18.33	8.21	32.82	94.5	7.3	12.7	21.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:03:25	1.0	Surface	1	2	18.33	8.21	32.82	94.5	7.31	12.4	20.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:03:16	4.0	Middle	2	1	18.3	8.21	32.85	94.4	7.3	13.2	20.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:36	4.0	Middle	2	2	18.29	8.21	32.86	94.3	7.3	13.1	20.9

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	2013-12-18	Mid-Flood	Sunny	CS2	10:03:00	7.0	Bottom	3	1	18.29	8.21	32.85	94.1	7.28	13.6	22.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:27	7.0	Bottom	3	2	18.31	8.21	32.84	94.1	7.28	13.3	23.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:45:25	1.0	Surface	1	1	19.16	7.98	32.97	91.8	6.99	5.5	11.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:44:50	1.0	Surface	1	2	19.16	7.96	32.97	92	7	5.4	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:45:18	6.7	Middle	2	1	19.16	7.98	32.96	91.6	6.97	6.1	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:44:30	6.7	Middle	2	2	19.18	7.95	32.98	92.3	7.02	6.2	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:44:17	12.3	Bottom	3	1	19.18	7.94	32.99	92.5	7.03	7.1	10
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	7:45:01	12.3	Bottom	3	2	19.18	7.97	32.99	91.8	6.98	6.9	10.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:55	1.0	Surface	1	1	17.25	7.96	31.93	95.2	7.55	11.5	11.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:21	1.0	Surface	1	2	17.25	7.96	31.94	95	7.54	11.3	10.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:13	4.5	Middle	2	1	17.25	7.96	31.94	94.9	7.53	11.5	13.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:46	4.5	Middle	2	2	17.25	7.96	31.93	95	7.54	11.6	14.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:33	7.9	Bottom	3	1	17.23	7.95	31.93	94.9	7.53	12.1	16.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:06	7.9	Bottom	3	2	17.25	7.96	31.94	94.9	7.53	11.4	18.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:21	1.0	Surface	1	1	17.28	7.95	31.96	95.6	7.58	11.8	17.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:04	1.0	Surface	1	2	17.34	7.95	31.95	96	7.6	11.2	16.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:15	2.2	Bottom	3	1	17.22	7.95	31.92	95.4	7.57	12.5	17.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:25:55	2.2	Bottom	3	2	17.27	7.94	31.9	96	7.61	12.4	17.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:34	1.0	Surface	1	1	17.85	7.95	32.09	97.4	7.63	12.1	13.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:49	1.0	Surface	1	2	17.77	7.95	32.12	96.9	7.61	12.6	14.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:28	2.3	Bottom	3	1	17.67	7.94	31.94	97.2	7.64	12.5	14.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:45	2.3	Bottom	3	2	17.62	7.95	31.99	96.5	7.6	12.8	14.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:08	1.0	Surface	1	1	17.89	7.92	32.36	96.4	7.53	7.5	7.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:21	1.0	Surface	1	2	17.89	7.93	32.36	95.9	7.5	7.4	6.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:02	2.5	Bottom	3	1	17.91	7.92	32.38	96.5	7.54	7.4	10.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:14	2.5	Bottom	3	2	17.88	7.93	32.38	96.1	7.51	7.4	11
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:26	1.0	Surface	1	1	17.71	7.96	32.05	95.9	7.53	14.2	7.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:40	1.0	Surface	1	2	17.79	7.96	32.05	95.8	7.52	13.3	7.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:34	2.6	Bottom	3	1	17.71	7.96	31.99	95.5	7.5	14.2	13.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:20	2.6	Bottom	3	2	17.65	7.95	32.02	95.7	7.53	15.8	14
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:55	1.0	Surface	1	1	17.99	8.2	30.9	94.9	7.46	3.7	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:31	1.0	Surface	1	2	18.02	8.21	30.67	94.7	7.46	3.7	6.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:21	5.4	Middle	2	1	18.08	8.21	32.7	94.4	7.33	4.6	6.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:41	5.4	Middle	2	2	18.11	8.21	32.71	94.5	7.34	4.5	6.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:10	9.7	Bottom	3	1	18.11	8.21	32.79	94.5	7.34	4.4	7.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:31	9.7	Bottom	3	2	18.13	8.21	32.8	94.7	7.35	4.2	6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR3	13:04:02	0.8	Middle	2	1	17.26	7.93	31.87	96.4	7.65	11	17.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR3	13:03:49	0.8	Middle	2	2	17.25	7.92	31.85	96.9	7.69	11.1	18.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:53:03	1.0	Surface	1	1	18.48	7.9	31.97	95.6	7.4	7	8.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:44	1.0	Surface	1	2	18.4	7.88	32.23	95.9	7.43	7.8	8.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:37	2.7	Bottom	3	1	18.39	7.88	32.24	96.2	7.45	7.9	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:51	2.7	Bottom	3	2	18.37	7.89	32.31	95.4	7.39	8	8.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:35	1.0	Surface	1	1	17.98	8.21	31.19	95.6	7.51	4.5	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:13	1.0	Surface	1	2	17.99	8.2	31.04	95.8	7.53	4.5	8.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:26	3.4	Bottom	3	1	17.98	8.2	32.49	95.6	7.45	4.3	7.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:01	3.4	Bottom	3	2	17.98	8.2	32.54	95.9	7.47	4.4	8.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:56	1.0	Surface	1	1	19.55	8.01	33.68	93.3	7.01	4.4	4.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:22	1.0	Surface	1	2	19.55	8.01	33.67	93.7	7.04	4	4.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:13	3.2	Middle	2	1	19.55	8	33.67	93.6	7.04	5	4.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:45	3.2	Middle	2	2	19.56	8.01	33.7	93.2	7.01	5.1	4.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:36	5.3	Bottom	3	1	19.56	8.01	33.71	93.4	7.02	5.1	4.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:02	5.3	Bottom	3	2	19.55	8	33.67	93.6	7.04	4.7	5.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:23	1.0	Surface	1	1	19.56	8.03	33.71	93	6.99	5.3	5.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:41	1.0	Surface	1	2	19.57	8.04	33.71	92.9	6.98	5.6	6.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:14	4.5	Bottom	3	1	19.57	8.03	33.72	93	6.99	5.3	5.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:34	4.5	Bottom	3	2	19.57	8.03	33.72	92.9	6.98	5.6	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	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:53	1.0	Surface	1	1	17.93	8.26	31.45	96.9	7.6	3.9	5.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:23	1.0	Surface	1	2	17.92	8.25	31.47	96.4	7.57	3.8	5.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:41	4.1	Middle	2	1	17.87	8.27	31.95	96.7	7.58	4.8	6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:13	4.1	Middle	2	2	17.85	8.25	31.79	96.2	7.55	4.8	6.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:03	7.1	Bottom	3	1	17.86	8.25	32.06	96.3	7.55	4.5	6.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:12	7.1	Bottom	3	2	17.68	8.29	32.61	97.2	7.61	4.7	6.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:34:14	1.0	Surface	1	1	19.35	8.02	33.36	94.3	7.13	3.3	7.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:40	1.0	Surface	1	2	19.32	8.01	33.35	94.5	7.15	3.2	7.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:34:03	6.6	Middle	2	1	19.64	8.03	33.62	94.5	7.1	3.3	6.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:27	6.6	Middle	2	2	19.66	8.02	33.63	94.7	7.1	3.4	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:51	12.2	Bottom	3	1	19.55	8.02	33.62	95	7.15	3.1	7.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:13	12.2	Bottom	3	2	19.54	8.01	33.6	95.2	7.16	3.3	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:53	1.0	Surface	1	1	17.21	7.95	32.03	94.6	7.5	11.8	15.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:01	1.0	Surface	1	2	17.21	7.94	32.02	94.8	7.52	12.1	15.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:42	4.4	Middle	2	1	17.16	7.95	32.04	94.3	7.49	12.6	15.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:29:44	4.4	Middle	2	2	17.17	7.93	32.03	94.6	7.51	12.1	15.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:32	7.7	Bottom	3	1	17.17	7.95	32.04	94.4	7.5	13	16.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:29:37	7.7	Bottom	3	2	17.17	7.93	32.03	94.5	7.5	12.1	15.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:20	1.0	Surface	1	1	17.28	7.94	32.06	94.9	7.52	14.6	12.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:43	1.0	Surface	1	2	17.3	7.94	32.04	94.9	7.52	13.7	13
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:29	2.2	Bottom	3	1	17.28	7.94	32.13	94.8	7.51	17.4	11.9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:11	2.2	Bottom	3	2	17.28	7.93	32.11	94.9	7.52	17.6	12
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:40	1.0	Surface	1	1	17.3	7.94	32.16	93.6	7.4	23.9	22.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:23	1.0	Surface	1	2	17.33	7.93	32.09	93.7	7.42	24.6	20.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:34	2.4	Bottom	3	1	17.29	7.93	32.2	93.5	7.4	20.4	26.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:09	2.4	Bottom	3	2	17.29	7.92	32.19	93.9	7.43	21.5	25.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	9:50:27	1.0	Surface	1	1	17.91	7.92	32.43	94.1	7.35	25.5	32
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	9:50:44	1.0	Surface	1	2	17.9	7.92	32.45	93.8	7.33	26.3	33.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	9:50:36	2.8	Bottom	3	1	17.89	7.92	32.45	93.8	7.33	22.7	34
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	9:50:13	2.8	Bottom	3	2	17.89	7.91	32.44	94.1	7.35	23.5	34
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:45	1.0	Surface	1	1	17.73	7.93	32.32	94	7.37	21.6	16.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:32	1.0	Surface	1	2	17.73	7.92	32.32	94.2	7.39	21	17.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:24	2.5	Bottom	3	1	17.72	7.92	32.32	94.2	7.39	19.5	16.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:38	2.5	Bottom	3	2	17.73	7.92	32.32	94.1	7.38	20.1	17.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:09:27	1.0	Surface	1	1	17.75	8.17	32.82	94.9	7.41	7.4	10.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:10:00	1.0	Surface	1	2	17.75	8.17	32.82	94.8	7.41	7.5	9.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:09:50	5.4	Middle	2	1	17.8	8.17	32.86	94.6	7.38	7.5	11
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:09:15	5.4	Middle	2	2	17.8	8.17	32.86	94.6	7.39	7.8	9.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:08:55	9.8	Bottom	3	1	17.8	8.17	32.87	94.8	7.4	7.6	12
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	9:09:41	9.8	Bottom	3	2	17.8	8.17	32.87	94.6	7.38	7.4	11.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR3	10:40:41	0.8	Middle	2	1	17.23	7.95	32.02	94.9	7.53	10.8	15.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR3	10:41:01	0.8	Middle	2	2	17.21	7.96	32.02	94.8	7.53	11.9	14.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	9:55:49	1.0	Surface	1	1	18.13	7.9	32.47	94	7.31	13.7	18.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	9:56:19	1.0	Surface	1	2	18.17	7.92	32.52	93.3	7.25	14.1	18.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	9:56:05	2.5	Bottom	3	1	18.17	7.91	32.52	93.5	7.26	13.2	19.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	9:55:41	2.5	Bottom	3	2	18.13	7.9	32.48	94.2	7.32	12.8	19.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	9:17:27	1.0	Surface	1	1	17.75	8.17	32.82	95	7.42	6.5	8.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	9:17:46	1.0	Surface	1	2	17.76	8.17	32.82	95	7.43	6.5	8.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	9:17:38	3.8	Bottom	3	1	17.76	8.17	32.83	94.9	7.42	6.7	9.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	9:17:18	3.8	Bottom	3	2	17.76	8.17	32.83	95	7.42	6.7	9.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:33:51	1.0	Surface	1	1	19.36	7.99	33.44	92.9	7.02	6.6	8.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:34:22	1.0	Surface	1	2	19.36	8.01	33.46	92.7	7	6.5	8.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:33:42	3.4	Middle	2	1	19.37	7.98	33.45	92.9	7.01	7	9.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:34:12	3.4	Middle	2	2	19.37	8	33.46	92.6	6.99	7	9.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:34:06	5.8	Bottom	3	1	19.37	7.99	33.46	92.5	6.99	7.1	9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	8:33:30	5.8	Bottom	3	2	19.37	7.98	33.44	92.8	7.01	6.8	10.2

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	2013-12-20	Mid-Flood	Sunny	SR10B	8:21:53	1.0	Surface	1	1	19.56	7.94	33.51	93.2	7.01	7.4	11.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	8:21:30	1.0	Surface	1	2	19.55	7.91	33.49	93.6	7.04	7.8	10.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	8:21:19	4.7	Bottom	3	1	19.56	7.89	33.49	93.5	7.03	8	12.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	8:21:42	4.7	Bottom	3	2	19.56	7.93	33.51	93.2	7.01	7.4	14
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:19	1.0	Surface	1	1	17.51	8.17	32.53	95.6	7.52	11.6	15.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:51	1.0	Surface	1	2	17.51	8.17	32.53	95.4	7.5	11.3	15.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:11	4.1	Middle	2	1	17.51	8.17	32.53	95.4	7.5	11.5	15.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:41	4.1	Middle	2	2	17.51	8.16	32.53	95	7.47	11.3	14.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:01	7.2	Bottom	3	1	17.51	8.17	32.52	95.4	7.5	11.4	16.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:28	7.2	Bottom	3	2	17.54	8.16	30.78	95.5	7.59	11.5	16
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:03:04	1.0	Surface	1	1	18.24	7.94	32.76	93.6	7.25	6.3	6.9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:02:11	1.0	Surface	1	2	18.25	7.92	32.75	93.7	7.26	6.5	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:01:59	6.7	Middle	2	1	18.37	7.92	32.84	93.5	7.22	6.8	7.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:02:53	6.7	Middle	2	2	18.32	7.94	32.81	93.5	7.23	6.5	9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:01:50	12.4	Bottom	3	1	18.35	7.91	32.85	93.8	7.24	6.7	8.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	9:02:35	12.4	Bottom	3	2	18.32	7.93	32.84	93.7	7.24	6.4	7.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:41	1.0	Surface	1	1	17.16	7.96	31.93	97.7	7.76	11.5	13.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:25:07	1.0	Surface	1	2	17.21	7.96	31.93	97.5	7.74	12.2	14.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:33	4.3	Middle	2	1	17.1	7.95	31.93	97.6	7.77	11.6	14.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:58	4.3	Middle	2	2	17.11	7.96	31.94	97.2	7.73	12.3	13.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:50	7.5	Bottom	3	1	17.12	7.96	31.92	97.3	7.74	12.1	16.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:26	7.5	Bottom	3	2	17.19	7.96	31.89	97.9	7.78	12.1	15.5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:09	1.0	Surface	1	1	17.04	7.94	31.87	96.6	7.69	11.2	11.5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:23	1.0	Surface	1	2	17.07	7.94	31.87	96.3	7.67	11.2	11.4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:15	2.1	Bottom	3	1	17.05	7.94	31.85	96.3	7.67	11.1	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:03	2.1	Bottom	3	2	17.04	7.94	31.85	96.6	7.7	11.5	12.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:19	1.0	Surface	1	1	17.39	7.96	31.87	97.6	7.72	11.2	11.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:02	1.0	Surface	1	2	17.39	7.96	31.87	97.5	7.71	11.2	12.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:38:52	2.2	Bottom	3	1	17.37	7.96	31.84	97.5	7.72	11.4	12.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:09	2.2	Bottom	3	2	17.38	7.96	31.85	97.4	7.71	11.4	13.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:02:05	1.0	Surface	1	1	17.75	7.99	31.67	97.8	7.7	6.8	9.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:52	1.0	Surface	1	2	17.76	7.99	31.65	98.1	7.72	6.9	9.5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:57	2.7	Bottom	3	1	17.72	7.99	31.66	97.8	7.7	6.9	10.9
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:41	2.7	Bottom	3	2	17.72	7.99	31.66	97.9	7.71	6.8	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:46:02	1.0	Surface	1	1	17.56	7.98	31.86	102.8	8.11	5.2	5.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:46	1.0	Surface	1	2	17.65	7.98	31.84	103.1	8.12	5.3	6.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:34	2.7	Bottom	3	1	17.55	7.98	31.79	102.4	8.08	5	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:55	2.7	Bottom	3	2	17.53	7.98	31.79	102.6	8.1	5.1	6.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:24:23	1.0	Surface	1	1	17.63	8.25	30.14	96.6	7.69	3.4	4.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:25	1.0	Surface	1	2	17.64	8.26	30.39	96.5	7.67	3.4	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:24:05	5.3	Middle	2	1	17.55	8.26	32.05	95.7	7.54	5.7	4.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:04	5.3	Middle	2	2	17.56	8.26	32.07	95.3	7.51	5.9	5.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:49	9.6	Bottom	3	1	17.52	8.25	32.19	95.4	7.51	5.2	5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:22:52	9.6	Bottom	3	2	17.54	8.26	32.18	95.2	7.5	5.6	4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR3	15:16:32	0.7	Middle	2	1	17.37	7.96	31.89	101.4	8.02	11.6	13.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR3	15:16:40	0.7	Middle	2	2	17.37	7.96	31.89	100.9	7.99	11.4	13.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:52:04	1.0	Surface	1	1	17.88	7.99	31.79	98.3	7.71	4.8	6.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:52	1.0	Surface	1	2	17.88	7.99	31.81	98.5	7.72	4.9	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:57	2.7	Bottom	3	1	17.88	7.99	31.8	98.4	7.72	4.9	5.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:45	2.7	Bottom	3	2	17.88	7.99	31.82	98.5	7.72	4.8	5.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:11	1.0	Surface	1	1	17.64	8.25	30.24	97	7.71	3.1	4.4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:44	1.0	Surface	1	2	17.64	8.25	30.21	96.8	7.7	3	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:12:56	4.5	Bottom	3	1	17.57	8.25	31.96	96.8	7.63	4.5	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:27	4.5	Bottom	3	2	17.58	8.25	31.95	96.4	7.6	4.5	4.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:27	1.0	Surface	1	1	19.03	8.01	33.37	92.3	7.02	4	7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:52	1.0	Surface	1	2	19.03	8.01	33.38	92.5	7.03	4.1	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	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:43	3.3	Middle	2	1	19.03	8	33.4	92.4	7.03	4.2	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:17	3.3	Middle	2	2	19.04	8.01	33.4	92.1	7	4.3	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:02	5.6	Bottom	3	1	19.03	8.01	33.43	92.3	7.01	4.3	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:34	5.6	Bottom	3	2	19.03	8	33.43	92.6	7.04	4.1	7.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:41	1.0	Surface	1	1	19.03	8.02	33.38	91.9	6.98	3.7	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:55	1.0	Surface	1	2	19.03	8.02	33.38	91.9	6.99	3.6	6.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:49	4.0	Bottom	3	1	19.03	8.02	33.39	91.9	6.99	3.7	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:33	4.0	Bottom	3	2	19.03	8.02	33.39	91.9	6.99	3.8	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:14	1.0	Surface	1	1	17.59	8.27	30.44	98.9	7.87	2.6	6.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:58	1.0	Surface	1	2	17.59	8.27	30.39	97.8	7.78	2.7	7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:42	3.3	Middle	2	1	17.62	8.28	30.95	97.8	7.75	4	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:57:53	3.3	Middle	2	2	17.65	8.27	31.23	99.8	7.89	3.9	7.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:57:43	5.5	Bottom	3	1	17.7	8.26	32.45	101.2	7.93	4.1	8.9
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:30	5.5	Bottom	3	2	17.7	8.27	32.2	98.2	7.71	4.2	7.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:33	1.0	Surface	1	1	18.74	8.01	32.92	92.4	7.08	3.3	6.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:27	1.0	Surface	1	2	18.71	8.02	32.9	92.4	7.09	3.2	5.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:12	6.4	Middle	2	1	18.93	8.02	33.29	91.6	6.98	3.4	5.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:23	6.4	Middle	2	2	18.92	8.01	33.25	92.1	7.02	3.5	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:02	11.8	Bottom	3	1	19.01	8.02	33.46	92.1	7.01	3.5	5.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:13	11.8	Bottom	3	2	18.97	8.01	33.43	92.7	7.05	3.5	5.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:32:10	1.0	Surface	1	1	16.97	7.97	32.2	95.7	7.62	10.3	12.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:29	1.0	Surface	1	2	16.97	7.97	32.2	96	7.65	10.8	13.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:17	4.3	Middle	2	1	16.94	7.96	32.2	95.8	7.63	10.3	12.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:32:00	4.3	Middle	2	2	16.95	7.97	32.2	95.5	7.61	10.6	12.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:41	7.6	Bottom	3	1	16.94	7.97	32.2	95.5	7.61	10.4	12.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:07	7.6	Bottom	3	2	16.94	7.96	32.2	95.9	7.64	10.7	14.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:22	1.0	Surface	1	1	17.15	7.98	32.18	97.7	7.75	14.1	12
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:03	1.0	Surface	1	2	17.21	7.97	32.19	97.8	7.75	13.9	12.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:12	2.3	Bottom	3	1	17.17	7.97	32.17	97.6	7.74	14.2	13
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:23:50	2.3	Bottom	3	2	17.14	7.97	32.17	97.6	7.75	14.3	13.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:47	1.0	Surface	1	1	17.11	7.97	32.14	96.4	7.66	16.8	11.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:32	1.0	Surface	1	2	17.12	7.97	32.16	96.8	7.69	16.6	12.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:39	2.4	Bottom	3	1	17.07	7.97	32.11	96.5	7.67	16.2	12.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:25	2.4	Bottom	3	2	17.11	7.97	32.11	96.7	7.69	16.2	11.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:56	1.0	Surface	1	1	17.49	7.98	32.23	95.8	7.55	18.6	13.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:39	1.0	Surface	1	2	17.41	7.98	32.24	95.8	7.56	18.5	14.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:31	3.3	Bottom	3	1	17.45	7.98	32.2	95.7	7.55	18.2	14.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:47	3.3	Bottom	3	2	17.37	7.98	32.19	95.4	7.54	18.7	14.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:06	1.0	Surface	1	1	16.98	7.96	32.16	97.4	7.75	21.7	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:28	1.0	Surface	1	2	17.09	7.96	32.14	97.4	7.74	21.6	12
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:14	2.7	Bottom	3	1	16.96	7.96	32.14	97.1	7.74	22	13.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:10:58	2.7	Bottom	3	2	16.95	7.96	32.14	97.3	7.76	21.7	14.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:04	1.0	Surface	1	1	17.25	8.22	32.18	96.3	7.63	8.4	12.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:46	1.0	Surface	1	2	17.23	8.22	32.18	96.1	7.61	8.6	12.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:52:47	5.2	Middle	2	1	17.21	8.22	32.2	95.8	7.59	9.1	13.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:35	5.2	Middle	2	2	17.21	8.22	32.21	95.7	7.58	9.2	13.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:21	9.4	Bottom	3	1	17.2	8.22	32.26	95.6	7.58	9.4	13.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:52:30	9.4	Bottom	3	2	17.19	8.22	32.26	95.7	7.59	9.8	13.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR3	11:38:47	0.7	Middle	2	1	16.98	7.97	32.2	96.2	7.66	11.4	13
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR3	11:38:57	0.7	Middle	2	2	16.99	7.97	32.19	96.2	7.66	11.3	13.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:47	1.0	Surface	1	1	17.39	7.97	32.12	96.5	7.63	8.8	8.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:58	1.0	Surface	1	2	17.4	7.97	32.12	96.1	7.6	8.7	9.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:40	2.7	Bottom	3	1	17.4	7.96	32.13	96.9	7.65	8.5	9.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:52	2.7	Bottom	3	2	17.39	7.97	32.13	96.3	7.61	8.7	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:10	1.0	Surface	1	1	17.21	8.22	32.2	96	7.61	10.1	13.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:32	1.0	Surface	1	2	17.22	8.22	32.19	95.8	7.59	9.9	14.4

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	2013-12-23	Mid-Flood	Sunny	SR5	11:03:21	4.3	Bottom	3	1	17.2	8.22	32.22	95.7	7.59	11	14.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:00	4.3	Bottom	3	2	17.19	8.22	32.24	95.7	7.59	11.6	14
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:55:09	1.0	Surface	1	1	18.71	8.02	33.16	92.9	7.11	3.8	5.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:54:42	1.0	Surface	1	2	18.72	8.03	33.19	92.9	7.12	3.8	4.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:54:33	3.3	Middle	2	1	18.75	8.01	33.23	92.9	7.11	4.2	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:55:00	3.3	Middle	2	2	18.76	8.01	33.23	92.9	7.1	4.2	8.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:54:52	5.5	Bottom	3	1	18.76	8.02	33.26	93	7.11	4.1	7.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	9:54:23	5.5	Bottom	3	2	18.76	8.01	33.26	93	7.11	4.1	6.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	9:48:45	1.0	Surface	1	1	19.09	7.98	33.49	93	7.06	4.8	7.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	9:48:59	1.0	Surface	1	2	19.09	7.99	33.5	92.8	7.05	4.7	8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	9:48:51	4.3	Bottom	3	1	19.09	7.99	33.49	92.9	7.05	4.7	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	9:48:36	4.3	Bottom	3	2	19.09	7.98	33.48	93.1	7.07	4.9	7.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:50	1.0	Surface	1	1	17.29	8.23	31.93	96.7	7.66	6	5.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:56	1.0	Surface	1	2	17.26	8.23	31.99	96.4	7.64	6.7	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:37	3.5	Middle	2	1	17.24	8.23	32.14	96.3	7.63	6.1	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:47	3.5	Middle	2	2	17.24	8.23	32.18	96.1	7.61	6.7	6.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:38	6.0	Bottom	3	1	17.24	8.23	32.17	96.1	7.61	9.7	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:14	6.0	Bottom	3	2	17.24	8.23	32.17	96.1	7.61	9.3	7.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:00	1.0	Surface	1	1	17.93	7.96	32	92.8	7.26	6	5.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:42	1.0	Surface	1	2	17.89	7.97	31.99	92.4	7.24	5.7	5.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:24:50	6.4	Middle	2	1	18.84	7.98	33.23	93.7	7.16	7.5	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:30	6.4	Middle	2	2	18.81	7.98	33.23	93.2	7.12	7.6	6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:20	11.8	Bottom	3	1	18.83	7.98	33.39	93.9	7.17	7.9	6.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:24:39	11.8	Bottom	3	2	18.73	7.97	33.46	94.7	7.24	7.7	5.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:41:17	1.0	Surface	1	1	16.99	7.98	32.05	98.3	7.83	8.6	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:46	1.0	Surface	1	2	16.98	7.98	32.06	98.2	7.82	8.8	8.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:37	4.3	Middle	2	1	16.94	7.97	32.07	97.9	7.8	9.1	10.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:41:07	4.3	Middle	2	2	16.97	7.98	32.06	97.9	7.8	9.3	10.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:31	7.6	Bottom	3	1	16.95	7.97	32.05	98	7.81	9.5	12.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:54	7.6	Bottom	3	2	16.96	7.98	32.05	98	7.81	9.4	12.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:14	1.0	Surface	1	1	17.03	8	32.03	101.7	8.1	6.5	7.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:36	1.0	Surface	1	2	17.04	8	32.03	101.6	8.09	6.4	6.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:00	2.2	Bottom	3	1	16.99	7.99	32.05	101.9	8.12	6.4	8.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:24	2.2	Bottom	3	2	16.99	7.99	32.05	101.4	8.08	6.5	6.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:54:00	1.0	Surface	1	1	17.34	8	32.05	101.3	8.01	7.1	7.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:43	1.0	Surface	1	2	17.32	8	32.05	101	8	7.1	8.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:33	2.2	Bottom	3	1	17.3	7.99	32	100.8	7.99	7.2	7.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:50	2.2	Bottom	3	2	17.25	7.99	32.03	100.8	7.99	7.2	7.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:15:57	1.0	Surface	1	1	17.85	8.02	32.14	100.1	7.84	4.2	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:16:11	1.0	Surface	1	2	17.85	8.02	32.13	100.2	7.85	4.2	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:15:50	2.9	Bottom	3	1	17.85	8.02	32.15	99.9	7.82	4	5.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:16:04	2.9	Bottom	3	2	17.85	8.02	32.14	100.1	7.84	4.1	5.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:32	1.0	Surface	1	1	17.54	8	32.04	99.4	7.83	7.2	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:52	1.0	Surface	1	2	17.51	8	32.04	98.9	7.8	7.2	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:43	2.8	Bottom	3	1	17.48	8	32.02	98.9	7.81	7.2	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:22	2.8	Bottom	3	2	17.53	8	32.02	99.3	7.83	7.2	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:54	1.0	Surface	1	1	17.74	8.21	32.29	96.9	7.6	5.3	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:50	1.0	Surface	1	2	17.74	8.21	32.29	97	7.6	5.5	8.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:43	5.7	Middle	2	1	17.73	8.21	32.29	96.4	7.56	6.1	9.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:44	5.7	Middle	2	2	17.74	8.21	32.32	96.4	7.56	6.3	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:31	10.3	Bottom	3	1	17.72	8.21	32.36	96.1	7.53	7.5	9.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:31	10.3	Bottom	3	2	17.68	8.2	32.38	96.1	7.54	7.8	7.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR3	17:31:45	0.7	Middle	2	1	17	7.96	32.05	100.3	7.99	11	10.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR3	17:31:56	0.7	Middle	2	2	16.98	7.97	32.05	99.9	7.96	10	10.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:50	1.0	Surface	1	1	17.85	8.02	32.16	100.1	7.83	4.3	6.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:31	1.0	Surface	1	2	17.85	8.02	32.17	100	7.83	4.2	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	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:38	2.9	Bottom	3	1	17.85	8.02	32.17	100	7.83	4.3	5.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:22	2.9	Bottom	3	2	17.85	8.01	32.18	99.8	7.82	4.3	6.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:03	1.0	Surface	1	1	17.75	8.2	32.31	97.7	7.66	4.5	8.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:24	1.0	Surface	1	2	17.76	8.2	32.33	97.7	7.66	4.6	7.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:14:51	4.5	Bottom	3	1	17.77	8.2	32.35	97.6	7.65	4.6	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:09	4.5	Bottom	3	2	17.77	8.2	32.35	97.6	7.65	4.8	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:35	1.0	Surface	1	1	18.74	8.03	33.57	93.6	7.15	2.9	3.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:57	1.0	Surface	1	2	18.76	8.03	33.58	93.4	7.13	3	4.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:26	3.3	Middle	2	1	18.75	8.02	33.59	93.4	7.13	2.8	4.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:50	3.3	Middle	2	2	18.78	8.03	33.63	93.4	7.13	2.9	3.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:43	5.6	Bottom	3	1	18.76	8.03	33.63	93.6	7.14	2.9	4.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:19	5.6	Bottom	3	2	18.74	8.02	33.59	93.5	7.14	2.8	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:31:57	1.0	Surface	1	1	18.75	8.03	33.58	93.1	7.11	2.7	3.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:32:17	1.0	Surface	1	2	18.76	8.03	33.58	93.2	7.11	2.7	3.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:31:49	4.2	Bottom	3	1	18.75	8.03	33.6	93.1	7.11	2.8	4.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:32:06	4.2	Bottom	3	2	18.77	8.03	33.62	93	7.1	2.9	5.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:53	1.0	Surface	1	1	17.76	8.15	32.42	94.7	7.42	5	9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:52	1.0	Surface	1	2	17.77	8.18	32.37	94.9	7.44	4.9	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:44	4.2	Middle	2	1	17.81	8.18	32.46	94	7.35	5.2	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:45	4.2	Middle	2	2	17.85	8.14	32.51	93.8	7.33	5.4	8.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:37	7.3	Bottom	3	1	18.01	8.14	32.75	94	7.31	5.8	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:33	7.3	Bottom	3	2	18.06	8.17	32.77	94.2	7.32	5.7	8.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:29	1.0	Surface	1	1	18.48	8.03	32.99	94.6	7.28	3	4.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:47	1.0	Surface	1	2	18.47	8.03	33	94.3	7.26	2.9	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:20	6.3	Middle	2	1	18.57	8.03	33.37	94.8	7.27	3	4.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:37	6.3	Middle	2	2	18.72	8.03	33.46	94.1	7.2	3	6.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:01	11.5	Bottom	3	1	18.75	8.03	33.6	94.9	7.25	3.3	5.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:25	11.5	Bottom	3	2	18.77	8.03	33.61	94.9	7.24	3.2	7.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:12	1.0	Surface	1	1	16.97	7.98	32.02	99.5	7.93	7.4	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:44	1.0	Surface	1	2	16.94	7.98	32.02	99	7.9	7.5	6.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:34	4.4	Middle	2	1	16.9	7.98	32.03	98.6	7.87	7.6	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:12:58	4.4	Middle	2	2	16.9	7.97	32.04	98.8	7.89	7.7	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:12:48	7.8	Bottom	3	1	16.9	7.97	32.04	99	7.9	7.6	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:24	7.8	Bottom	3	2	16.91	7.97	32.04	98.9	7.9	7.5	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:50	1.0	Surface	1	1	17.18	7.98	32.01	101.6	8.07	7.5	10
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:26	1.0	Surface	1	2	17.18	7.98	32.01	101.6	8.06	7.5	10.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:12	2.3	Bottom	3	1	17.18	7.98	32.02	101.5	8.06	7.6	10.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:34	2.3	Bottom	3	2	17.18	7.98	32.01	101.6	8.07	7.7	11.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	13:00:01	1.0	Surface	1	1	17.33	7.98	32.04	100.6	7.96	8.5	9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:44	1.0	Surface	1	2	17.32	7.98	32.04	100.7	7.97	8.3	9.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:33	2.2	Bottom	3	1	17.22	7.97	32.03	100.5	7.98	8.7	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:51	2.2	Bottom	3	2	17.28	7.98	32.02	100.4	7.96	8.6	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:36	1.0	Surface	1	1	17.7	7.98	32.18	96.5	7.58	10.2	15.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:55	1.0	Surface	1	2	17.73	7.98	32.18	96.3	7.56	10.5	16.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:44	2.8	Bottom	3	1	17.68	7.98	32.18	96.2	7.55	10.3	17
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:27	2.8	Bottom	3	2	17.68	7.97	32.19	96.6	7.59	10.5	17.1
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:37	1.0	Surface	1	1	17.45	7.97	32.05	96.9	7.65	14.1	13.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:18	1.0	Surface	1	2	17.42	7.97	32.06	97.2	7.68	14.4	13.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:10	2.7	Bottom	3	1	17.33	7.97	32	97	7.68	15.2	14.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:26	2.7	Bottom	3	2	17.34	7.97	32	96.8	7.66	15	13.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:33	1.0	Surface	1	1	17.64	8.2	32.44	95.8	7.52	8	14.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:54	1.0	Surface	1	2	17.65	8.2	32.47	95.6	7.5	7.9	13.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:27	5.8	Middle	2	1	17.65	8.2	32.5	95.6	7.5	8.1	14
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:48	5.8	Middle	2	2	17.66	8.19	32.51	95.4	7.48	8.2	12.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:38	10.6	Bottom	3	1	17.67	8.19	32.55	95.4	7.48	8.4	12.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:20	10.6	Bottom	3	2	17.66	8.2	32.54	95.6	7.49	8.2	14.4

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	2013-12-25	Mid-Flood	Sunny	SR3	13:21:36	0.6	Middle	2	1	16.99	7.99	32.01	99.9	7.96	7.4	9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR3	13:21:29	0.6	Middle	2	2	16.99	7.99	32.01	99.9	7.96	7.5	7.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:43:05	1.0	Surface	1	1	17.65	7.98	32.11	97.7	7.68	6.2	11.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:48	1.0	Surface	1	2	17.64	7.98	32.12	98.8	7.77	6.3	11.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:40	2.8	Bottom	3	1	17.62	7.98	32.13	99.6	7.83	6.4	11.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:58	2.8	Bottom	3	2	17.64	7.98	32.12	98	7.7	6.4	11.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:42	1.0	Surface	1	1	17.66	8.21	32.47	96.6	7.58	7.7	12
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:53	1.0	Surface	1	2	17.65	8.21	32.45	96.6	7.58	7.5	12.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:36	4.5	Bottom	3	1	17.65	8.21	32.47	96.5	7.57	7.8	12.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:48	4.5	Bottom	3	2	17.66	8.21	32.45	96.5	7.57	7.6	14.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:26	1.0	Surface	1	1	18.73	8	33.4	92.6	7.08	2.4	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:00	1.0	Surface	1	2	18.73	8	33.41	92.8	7.09	2.5	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:17	3.3	Middle	2	1	18.74	8	33.44	92.5	7.07	2.6	5.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:36:52	3.3	Middle	2	2	18.73	7.99	33.43	92.7	7.08	2.6	7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:09	5.5	Bottom	3	1	18.74	8	33.45	92.6	7.08	2.6	6.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:36:40	5.5	Bottom	3	2	18.73	7.99	33.43	92.7	7.08	2.5	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:11	1.0	Surface	1	1	18.89	8	33.48	93.6	7.13	2.8	9.1
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:29	1.0	Surface	1	2	18.89	8	33.5	93.2	7.1	2.8	9.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:20	4.5	Bottom	3	1	18.89	8	33.49	93.3	7.11	2.8	8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:01	4.5	Bottom	3	2	18.89	7.99	33.47	93.9	7.15	2.9	8.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:12	1.0	Surface	1	1	17.93	8.22	32.65	94.8	7.39	5.8	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:38:02	1.0	Surface	1	2	17.87	8.22	32.61	94.9	7.41	5.6	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:07	4.2	Middle	2	1	17.97	8.22	32.72	94.7	7.37	6	8.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:56	4.2	Middle	2	2	17.93	8.22	32.67	94.7	7.38	5.8	8.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:36:56	7.3	Bottom	3	1	18.02	8.22	32.8	94.6	7.36	6.5	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:39	7.3	Bottom	3	2	18.05	8.22	32.82	94.7	7.36	6.4	8.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:51	1.0	Surface	1	1	18.51	8.01	33.14	92.5	7.11	5.7	5.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:56	1.0	Surface	1	2	18.27	8	32.91	93.2	7.21	5.8	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:40	6.6	Middle	2	1	18.72	8.01	33.46	92.5	7.07	6.7	5.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:40	6.6	Middle	2	2	18.71	8	33.46	92.6	7.08	6.6	4.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:24	12.1	Bottom	3	1	18.72	8	33.47	92.9	7.1	6.7	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:27	12.1	Bottom	3	2	18.73	8.01	33.47	92.7	7.09	6.8	3.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:13:15	1.0	Surface	1	1	16.53	8.04	32.29	98.2	7.88	4.6	11.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:12:40	1.0	Surface	1	2	16.56	8.03	32.29	98.3	7.89	4.6	12
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:12:26	4.4	Middle	2	1	16.58	8.03	32.31	98.1	7.87	4.6	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:13:04	4.4	Middle	2	2	16.55	8.03	32.3	98.1	7.87	4.6	12.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:12:54	7.7	Bottom	3	1	16.56	8.03	32.3	98	7.86	4.4	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	8:12:15	7.7	Bottom	3	2	16.58	8.03	32.32	98.3	7.88	4.6	15.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	8:05:21	1.0	Surface	1	1	16.19	8.03	32.28	99	8	20.2	26.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	8:05:01	1.0	Surface	1	2	16.19	8.03	32.27	99.1	8.01	19.8	26.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	8:05:11	2.1	Bottom	3	1	16.19	8.03	32.28	99	8	21.4	27.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	8:04:54	2.1	Bottom	3	2	16.19	8.03	32.27	99	8	21.2	27.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	7:56:03	1.0	Surface	1	1	16.27	8.02	32.3	100.7	8.12	7.5	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	7:56:22	1.0	Surface	1	2	16.26	8.02	32.3	100	8.07	7.2	14.9
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	7:56:13	2.4	Bottom	3	1	16.26	8.02	32.3	100.2	8.08	7.3	17
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	7:55:53	2.4	Bottom	3	2	16.26	8.01	32.3	101.3	8.17	7.5	17.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	7:29:11	1.0	Surface	1	1	17.26	8.03	33.04	95.4	7.52	6.7	16.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	7:28:48	1.0	Surface	1	2	17.26	8.02	33.04	95.7	7.54	6.6	16.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	7:29:03	2.9	Bottom	3	1	17.26	8.03	33.05	95.4	7.52	6.9	17.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	7:28:40	2.9	Bottom	3	2	17.26	8.02	33.05	96	7.56	6.7	17.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	7:49:57	1.0	Surface	1	1	16.68	8.03	32.44	101	8.07	10.5	19.9
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	7:50:13	1.0	Surface	1	2	16.68	8.03	32.44	100	7.99	10.5	19.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	7:49:51	2.3	Bottom	3	1	16.68	8.02	32.44	101.4	8.11	10.6	18.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	7:50:05	2.3	Bottom	3	2	16.68	8.03	32.44	100.4	8.03	10.7	19.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:24:56	1.0	Surface	1	1	17.41	8.11	32.94	95.2	7.49	3.3	12.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:25:34	1.0	Surface	1	2	17.34	8.11	32.93	95.2	7.5	3.3	12.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:25:24	5.3	Middle	2	1	17.53	8.11	33.04	95.1	7.45	3.5	13.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:24:46	5.3	Middle	2	2	17.64	8.11	33.07	95.2	7.45	3.3	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:25:09	9.5	Bottom	3	1	17.64	8.11	33.23	95.6	7.47	3.5	18.3
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	7:24:36	9.5	Bottom	3	2	17.62	8.1	33.23	95.7	7.48	3.5	17
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR3	8:24:12	0.8	Middle	2	1	16.55	8.04	32.28	98.4	7.89	4.6	10.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR3	8:24:19	0.8	Middle	2	2	16.52	8.04	32.28	98.3	7.89	5.1	10.3
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	7:36:07	1.0	Surface	1	1	15.99	8.01	31.52	95.9	7.82	3	11.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	7:35:46	1.0	Surface	1	2	16.14	8.01	31.07	96.4	7.85	3.1	10.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	7:35:57	2.6	Bottom	3	1	16.15	8.01	31.87	96.6	7.83	3.2	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	7:35:40	2.6	Bottom	3	2	16.35	8	32.41	98.1	7.89	3	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	7:34:16	1.0	Surface	1	1	17.24	8.12	32.88	95.8	7.56	3.5	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	7:33:57	1.0	Surface	1	2	17.23	8.12	32.87	95.9	7.57	3.6	12.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	7:33:46	3.7	Bottom	3	1	17.21	8.12	32.86	95.8	7.56	3.5	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	7:34:07	3.7	Bottom	3	2	17.26	8.12	32.93	96	7.56	3.6	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:27	1.0	Surface	1	1	18.57	8.01	33.72	93	7.12	2	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:52	1.0	Surface	1	2	18.57	8.02	33.72	92.6	7.09	2.1	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:18	3.2	Middle	2	1	18.57	8.01	33.73	93.2	7.13	2.1	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:44	3.2	Middle	2	2	18.57	8.02	33.73	92.6	7.08	1.9	14.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:06	5.3	Bottom	3	1	18.57	8	33.73	93.6	7.16	2.2	15
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	6:27:36	5.3	Bottom	3	2	18.57	8.01	33.73	92.6	7.09	2	14.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	6:13:38	1.0	Surface	1	1	18.49	7.99	33.64	94.8	7.27	2.2	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	6:13:57	1.0	Surface	1	2	18.5	8	33.66	94.3	7.23	2.4	12.5
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	6:13:27	4.6	Bottom	3	1	18.5	7.99	33.63	95.2	7.3	2.2	14.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	6:13:46	4.6	Bottom	3	2	18.5	7.99	33.66	94.4	7.23	2.2	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:01:21	1.0	Surface	1	1	17.75	8.13	33.26	94.4	7.36	2.3	14.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:01:52	1.0	Surface	1	2	17.75	8.13	33.27	94.4	7.36	2.2	15
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:01:43	4.1	Middle	2	1	17.87	8.13	33.35	94.3	7.33	2.4	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:01:11	4.1	Middle	2	2	17.9	8.13	33.38	94.4	7.33	2.4	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:01:32	7.1	Bottom	3	1	17.85	8.13	33.38	94.4	7.34	2.4	16.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	9:00:59	7.1	Bottom	3	2	17.89	8.13	33.41	94.7	7.36	2.4	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:58:51	1.0	Surface	1	1	18.56	8.03	33.79	92.3	7.06	2.1	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:58:09	1.0	Surface	1	2	18.57	8.01	33.79	92.6	7.08	2.1	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:58:31	6.7	Middle	2	1	18.58	8.02	33.8	92	7.04	2.3	12.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:57:55	6.7	Middle	2	2	18.59	8	33.8	92.5	7.07	2.2	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:58:20	12.4	Bottom	3	1	18.58	8.01	33.8	92.2	7.05	2.4	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	6:57:43	12.4	Bottom	3	2	18.59	8	33.8	92.8	7.1	2.3	13.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:23	1.0	Surface	1	1	16.29	8	31.88	100.7	8.14	9.7	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:53:01	1.0	Surface	1	2	16.29	8	31.88	100.3	8.11	10.7	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:44	4.4	Middle	2	1	16.24	8	31.9	100	8.09	11.3	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:09	4.4	Middle	2	2	16.28	8	31.92	100.3	8.11	10.5	15.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:32	7.8	Bottom	3	1	16.26	8	31.9	100.4	8.12	10.7	17.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:01	7.8	Bottom	3	2	16.27	8	31.9	100.4	8.11	10.2	16
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	13:00:01	1.0	Surface	1	1	16.36	8.02	31.92	103.9	8.39	8.2	19.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:41	1.0	Surface	1	2	16.37	8.02	31.93	104.3	8.42	8.2	20.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:31	2.4	Bottom	3	1	16.37	8.01	31.94	104.5	8.44	8.6	20.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:48	2.4	Bottom	3	2	16.36	8.02	31.94	104	8.39	8.1	21.3
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:45	1.0	Surface	1	1	16.39	8.01	32	102.7	8.28	7.3	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:28	1.0	Surface	1	2	16.4	8.01	32	102.9	8.29	7.5	17.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:35	2.4	Bottom	3	1	16.4	8.01	32	102.7	8.28	7.6	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:18	2.4	Bottom	3	2	16.41	8.01	32	103.2	8.31	7.8	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:14	1.0	Surface	1	1	17.35	8.01	32.72	97.2	7.66	8.6	22.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:31	1.0	Surface	1	2	17.35	8.01	32.72	97.2	7.66	8.3	23
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:03	2.8	Bottom	3	1	17.35	8.01	32.74	97.1	7.65	9.1	22.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:21	2.8	Bottom	3	2	17.35	8.01	32.74	97	7.65	8.4	22.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:15:06	1.0	Surface	1	1	17.05	8.02	32.51	98.6	7.82	10.9	22.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:50	1.0	Surface	1	2	17.05	8.02	32.52	99	7.86	11.2	21.6

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	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:59	2.7	Bottom	3	1	17.05	8.02	32.52	98.6	7.82	11	24.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:44	2.7	Bottom	3	2	17.04	8.02	32.52	99.3	7.88	11.3	24.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:41	1.0	Surface	1	1	17.76	8.17	33.07	94.9	7.4	3.1	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:06	1.0	Surface	1	2	17.81	8.17	33.19	95.3	7.42	3.2	13.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:17:57	5.4	Middle	2	1	18.02	8.17	33.45	95.3	7.38	3.1	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:31	5.4	Middle	2	2	18.01	8.17	33.42	94.6	7.33	3.2	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:23	9.7	Bottom	3	1	18.06	8.17	33.57	95.4	7.38	3.1	17.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:17:49	9.7	Bottom	3	2	17.97	8.17	33.52	96	7.44	3.2	16
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR3	12:38:40	0.9	Middle	2	1	16.35	7.98	31.87	102.3	8.26	5.5	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR3	12:39:01	0.9	Middle	2	2	16.34	7.98	31.88	102	8.24	5.3	17.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:28:00	1.0	Surface	1	1	17.36	7.99	32.75	97.6	7.69	8.9	16.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:35	1.0	Surface	1	2	17.36	7.98	32.78	98.2	7.73	9	17.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:47	2.6	Bottom	3	1	17.35	7.99	32.79	97.7	7.7	8.7	17.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:28	2.6	Bottom	3	2	17.36	7.98	32.8	98.3	7.74	8.9	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:08:56	1.0	Surface	1	1	17.93	8.17	33.39	97.8	7.59	2.3	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:09:17	1.0	Surface	1	2	17.85	8.17	33.31	97.3	7.57	2.4	12.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:08:42	3.8	Bottom	3	1	17.9	8.17	33.36	98.1	7.62	2.3	14
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:09:06	3.8	Bottom	3	2	17.85	8.17	33.29	97.3	7.57	2.3	15.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:44:01	1.0	Surface	1	1	18.56	8.06	33.59	93.6	7.17	2.5	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:26	1.0	Surface	1	2	18.56	8.05	33.59	93.9	7.19	2.6	13
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:49	3.4	Middle	2	1	18.56	8.06	33.65	93.5	7.16	2.4	13
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:13	3.4	Middle	2	2	18.57	8.05	33.65	93.9	7.19	2.5	12.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:41	5.7	Bottom	3	1	18.57	8.05	33.66	93.5	7.16	2.4	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:01	5.7	Bottom	3	2	18.56	8.05	33.68	93.9	7.19	2.5	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:26	1.0	Surface	1	1	18.56	8.06	33.59	93.1	7.13	2.4	12
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:03	1.0	Surface	1	2	18.56	8.06	33.6	93.2	7.14	2.6	12.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:57:54	4.4	Bottom	3	1	18.56	8.06	33.62	93.1	7.13	2.7	12.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:12	4.4	Bottom	3	2	18.56	8.06	33.62	93.1	7.13	2.7	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:13	1.0	Surface	1	1	17.74	8.14	33.32	102	7.95	2.7	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:44	1.0	Surface	1	2	17.74	8.2	33.26	99.8	7.78	2.8	12.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:33	4.1	Middle	2	1	17.77	8.19	33.32	100.2	7.8	2.8	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:00	4.1	Middle	2	2	17.78	8.1	33.39	103.4	8.05	2.9	15
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:35:44	7.1	Bottom	3	1	17.8	8.08	33.48	106.5	8.28	3.2	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:25	7.1	Bottom	3	2	17.76	8.17	33.36	100.9	7.86	3.3	14.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:25	1.0	Surface	1	1	18.54	8.06	33.56	93.4	7.16	2.5	12
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:11:01	1.0	Surface	1	2	18.54	8.06	33.58	93.1	7.14	2.5	11.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:10	6.7	Middle	2	1	18.54	8.06	33.66	93.2	7.14	2.7	13.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:50	6.7	Middle	2	2	18.54	8.06	33.66	92.8	7.11	2.6	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:39	12.3	Bottom	3	1	18.54	8.06	33.65	92.9	7.12	2.7	14
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:09:57	12.3	Bottom	3	2	18.54	8.06	33.65	93.3	7.14	2.7	14.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:18	1.0	Surface	1	1	15.9	8.07	33.08	101.2	8.18	5.5	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:06:03	1.0	Surface	1	2	15.89	8.07	33.09	100.5	8.13	5	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:54	4.3	Middle	2	1	15.85	8.07	33.1	100.2	8.11	4.9	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:04:58	4.3	Middle	2	2	15.89	8.07	33.1	101	8.17	5.3	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:46	7.6	Bottom	3	1	15.85	8.06	33.1	100.3	8.12	7.1	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:04:49	7.6	Bottom	3	2	15.89	8.07	33.09	101	8.17	7.7	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:56:17	1.0	Surface	1	1	16.07	8.07	33.01	102.2	8.24	5.5	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:55:59	1.0	Surface	1	2	16.08	8.07	33.01	102.5	8.27	5.3	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:56:09	2.1	Bottom	3	1	16.06	8.07	33.01	102.2	8.24	6	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:55:52	2.1	Bottom	3	2	16.08	8.07	33	102.7	8.28	6.2	3.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:48:59	1.0	Surface	1	1	16.4	8.08	33.13	103.7	8.31	15.5	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:49:17	1.0	Surface	1	2	16.44	8.08	33.14	103.7	8.29	15.2	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:49:06	2.2	Bottom	3	1	16.42	8.08	33.14	103.7	8.3	16.8	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:48:48	2.2	Bottom	3	2	16.41	8.08	33.14	103.9	8.31	17.1	4.9
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:24:14	1.0	Surface	1	1	16.51	8.06	33.11	102.1	8.16	8.2	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:23:51	1.0	Surface	1	2	16.54	8.06	33.12	103.1	8.24	8.8	4.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:24:05	2.7	Bottom	3	1	16.62	8.06	33.23	102.7	8.18	10.8	10.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:23:44	2.7	Bottom	3	2	16.58	8.05	33.23	103.7	8.27	10.3	10.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:42:56	1.0	Surface	1	1	16.69	8.09	33.24	103.8	8.26	7.1	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:43:07	1.0	Surface	1	2	16.68	8.09	33.23	103.8	8.26	7.3	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:42:50	2.3	Bottom	3	1	16.69	8.09	33.24	103.8	8.26	7.1	7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:43:02	2.3	Bottom	3	2	16.69	8.09	33.23	103.8	8.26	7.2	6.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:52	1.0	Surface	1	1	17.09	8.2	34.02	99.3	7.8	2.6	3.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:17	1.0	Surface	1	2	17.05	8.2	34.03	99	7.79	2.5	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:41	5.4	Middle	2	1	16.9	8.19	34.01	98.8	7.8	2.7	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:10	5.4	Middle	2	2	16.88	8.2	34.01	98.6	7.78	2.7	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:31	9.7	Bottom	3	1	16.85	8.19	33.97	98.6	7.79	2.7	6.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:02	9.7	Bottom	3	2	16.95	8.2	33.95	98.4	7.76	2.8	4.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR3	12:18:30	0.8	Middle	2	1	15.92	8.07	33.08	101.2	8.18	5.1	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR3	12:18:42	0.8	Middle	2	2	15.92	8.07	33.08	101.3	8.19	5.1	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:58	1.0	Surface	1	1	16.66	8.05	32.84	99.7	7.96	4.2	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:45	1.0	Surface	1	2	16.66	8.05	32.94	100.5	8.01	4	2.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:39	2.3	Bottom	3	1	16.64	8.05	33.06	100.8	8.03	4.1	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:51	2.3	Bottom	3	2	16.69	8.05	33.14	100.5	8	4.2	3.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:52	1.0	Surface	1	1	17.14	8.21	34.02	98.7	7.75	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:34	1.0	Surface	1	2	17.14	8.21	34.02	98.8	7.75	2.5	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:24	3.7	Bottom	3	1	17.15	8.21	34.02	98.7	7.75	2.5	4.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:43	3.7	Bottom	3	2	17.12	8.21	34.02	98.6	7.74	2.6	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:59	1.0	Surface	1	1	17.76	8.04	33.63	92.5	7.19	3.1	4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:28	1.0	Surface	1	2	17.75	8.04	33.63	92.6	7.2	3.3	3.9
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:47	3.4	Middle	2	1	17.76	8.04	33.65	92.3	7.17	3.1	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:16	3.4	Middle	2	2	17.75	8.04	33.65	92.4	7.19	3.2	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:04	5.7	Bottom	3	1	17.75	8.04	33.65	92.5	7.19	3.4	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:40	5.7	Bottom	3	2	17.75	8.04	33.65	92.2	7.17	3.1	4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	9:56:19	1.0	Surface	1	1	17.7	8.02	33.54	93	7.25	2.9	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	9:56:00	1.0	Surface	1	2	17.7	8.01	33.52	93.5	7.28	3	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	9:55:51	4.5	Bottom	3	1	17.7	8.01	33.52	93.6	7.29	3.1	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	9:56:11	4.5	Bottom	3	2	17.7	8.02	33.54	92.9	7.23	3.2	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:30	1.0	Surface	1	1	16.91	8.22	33.92	98.3	7.75	2.3	3.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:54	1.0	Surface	1	2	16.9	8.22	33.92	98.6	7.78	2.3	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:44	4.1	Middle	2	1	16.91	8.22	33.99	98.2	7.75	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:20	4.1	Middle	2	2	16.93	8.22	34.01	98	7.72	2.6	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:28	7.1	Bottom	3	1	16.96	8.22	34.04	99	7.8	2.5	4.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:06	7.1	Bottom	3	2	16.95	8.22	34.02	98.6	7.77	2.5	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:18	1.0	Surface	1	1	17.82	8.03	33.75	94	7.3	2.7	2.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:57	1.0	Surface	1	2	17.82	8.04	33.74	93.7	7.28	2.5	2.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:06	6.7	Middle	2	1	17.74	8.02	33.75	93.3	7.25	3.3	2.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:44	6.7	Middle	2	2	17.75	8.03	33.75	93.1	7.24	3.3	2.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:45:56	12.4	Bottom	3	1	17.75	8.02	33.76	93.5	7.26	3.1	2.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:34	12.4	Bottom	3	2	17.75	8.03	33.75	93.4	7.26	3.2	2.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:32	1.0	Surface	1	1	16.22	8.06	32.78	103.6	8.34	4.2	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:12:06	1.0	Surface	1	2	16.17	8.06	32.8	103.3	8.32	4.6	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:57	4.4	Middle	2	1	16.14	8.05	32.85	103.1	8.31	4.9	5.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:16	4.4	Middle	2	2	16.14	8.05	32.85	102.9	8.29	4.4	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:10	7.8	Bottom	3	1	16.12	8.05	32.86	102.8	8.29	5.2	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:48	7.8	Bottom	3	2	16.12	8.05	32.85	103	8.31	5.3	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:52	1.0	Surface	1	1	16.38	8.06	32.81	107.1	8.59	11.1	9.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:35	1.0	Surface	1	2	16.37	8.06	32.82	106.7	8.57	11.5	7.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:25	2.2	Bottom	3	1	16.3	8.06	32.82	106.4	8.55	11.7	10.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:41	2.2	Bottom	3	2	16.36	8.06	32.82	106.6	8.56	12.4	10.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:20	1.0	Surface	1	1	16.67	8.08	32.97	106.3	8.47	7.8	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:41	1.0	Surface	1	2	16.67	8.08	32.98	106.2	8.46	7.3	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	2013-12-30	Mid-Flood	Sunny	IS7	15:27:34	2.2	Bottom	3	1	16.67	8.08	32.99	106.2	8.47	8.8	6.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:12	2.2	Bottom	3	2	16.67	8.08	32.99	106.4	8.48	9.2	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:57:00	1.0	Surface	1	1	16.83	8.07	32.98	104.7	8.32	6.6	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:14	1.0	Surface	1	2	16.82	8.06	32.99	104.8	8.33	6.8	6.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:06	2.5	Bottom	3	1	16.83	8.06	33	104.7	8.32	7.3	6.3
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:47	2.5	Bottom	3	2	16.84	8.07	33	104.6	8.31	7.4	6.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:33	1.0	Surface	1	1	16.84	8.06	33.12	101.8	8.08	14.1	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:51	1.0	Surface	1	2	16.84	8.06	33.14	101.3	8.04	13.7	6.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:43	2.4	Bottom	3	1	16.86	8.05	33.22	101.6	8.06	16.8	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:23	2.4	Bottom	3	2	16.85	8.05	33.21	101.7	8.07	17.3	6.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:32	1.0	Surface	1	1	16.98	8.27	33.89	100.3	7.91	2.6	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:50	1.0	Surface	1	2	16.98	8.27	33.9	100.4	7.91	2.6	5.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:21	5.3	Middle	2	1	16.98	8.27	33.9	100	7.88	2.6	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:37	5.3	Middle	2	2	16.99	8.28	33.91	100.1	7.88	2.8	5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:09	9.6	Bottom	3	1	16.99	8.27	33.91	99.8	7.86	2.6	4.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:29	9.6	Bottom	3	2	16.98	8.28	33.91	99.9	7.87	2.6	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR3	14:58:52	0.8	Middle	2	1	16.15	8.03	32.78	106.6	8.6	5.2	4.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR3	14:58:58	0.8	Middle	2	2	16.14	8.03	32.78	106.2	8.56	4.9	5.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:39	1.0	Surface	1	1	16.81	8.06	33.03	105.8	8.41	6.6	7.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:10	1.0	Surface	1	2	16.81	8.05	33.06	106.4	8.46	7	7.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:03	2.5	Bottom	3	1	16.81	8.05	33.07	106.6	8.47	7.2	7.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:31	2.5	Bottom	3	2	16.81	8.07	33.05	105.8	8.41	7.9	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:52	1.0	Surface	1	1	16.99	8.26	33.92	100.9	7.95	2.4	4.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:36	1.0	Surface	1	2	16.99	8.26	33.92	101	7.95	2.5	3.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:26	3.7	Bottom	3	1	16.99	8.26	33.93	101.1	7.96	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:44	3.7	Bottom	3	2	16.99	8.26	33.92	100.8	7.94	2.5	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:57	1.0	Surface	1	1	17.78	8.05	33.51	93.2	7.25	4.7	2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:38	1.0	Surface	1	2	17.79	8.05	33.5	92.9	7.23	4.5	2.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:23	3.3	Middle	2	1	17.78	8.05	33.56	92.7	7.21	5.2	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:44	3.3	Middle	2	2	17.78	8.05	33.56	93.1	7.24	5	5.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:32	5.6	Bottom	3	1	17.78	8.04	33.56	93.2	7.25	5.8	5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:14	5.6	Bottom	3	2	17.78	8.05	33.57	92.7	7.21	5.5	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:01	1.0	Surface	1	1	17.79	8.06	33.51	92.5	7.2	4.4	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:34	1.0	Surface	1	2	17.78	8.06	33.5	92.6	7.2	4.6	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:18:50	4.8	Bottom	3	1	17.79	8.06	33.54	92.5	7.19	4.9	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:16	4.8	Bottom	3	2	17.78	8.06	33.56	92.4	7.18	5.1	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:48	1.0	Surface	1	1	16.93	8.31	33.95	102.2	8.06	1.9	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:08	1.0	Surface	1	2	16.94	8.31	33.97	103.3	8.14	2	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:39	4.0	Middle	2	1	16.92	8.31	33.97	102	8.05	2.4	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:56:50	4.0	Middle	2	2	16.93	8.31	34.02	103.8	8.18	2.5	3.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:56:31	6.9	Bottom	3	1	16.84	8.31	34.18	105.1	8.29	2.4	5.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:23	6.9	Bottom	3	2	16.89	8.31	34.03	102.3	8.07	2.3	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:32:21	1.0	Surface	1	1	17.82	8.08	33.53	94.8	7.37	3.1	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:26	1.0	Surface	1	2	17.82	8.08	33.52	95.2	7.4	2.8	6.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:14	6.6	Middle	2	1	17.82	8.08	33.59	94.8	7.37	4	5.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:32:07	6.6	Middle	2	2	17.79	8.08	33.59	94.4	7.34	4.1	6.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:53	12.1	Bottom	3	1	17.81	8.08	33.58	94.8	7.36	3.7	5.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:30:56	12.1	Bottom	3	2	17.79	8.07	33.58	94.9	7.38	3.5	6.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:02:11	1.0	Surface	1	1	16.2	8.02	33.21	100.7	8.09	6.1	4.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:03:15	1.0	Surface	1	2	16.21	8.03	33.2	101	8.11	6.1	4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:02:54	4.1	Middle	2	1	16.19	8.03	33.22	100.4	8.07	6.4	3.7
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:01:52	4.1	Middle	2	2	16.18	8.02	33.22	100.4	8.07	6.2	3.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:01:32	7.2	Bottom	3	1	16.17	8.02	33.22	100.3	8.06	6.8	4.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS5	12:02:34	7.2	Bottom	3	2	16.18	8.03	33.23	100.4	8.07	6.9	3.7
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)6	12:13:48	1.0	Surface	1	1	16.3	8.01	33.23	101.2	8.12	8.6	5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)6	12:13:04	1.0	Surface	1	2	16.29	8.01	33.23	101.4	8.13	8.8	4.2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)6	12:12:47	2.1	Bottom	3	1	16.28	8	33.23	101.2	8.12	9.3	5.2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)6	12:13:32	2.1	Bottom	3	2	16.28	8.01	33.23	101.2	8.12	9.1	6.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS7	12:22:07	1.0	Surface	1	1	16.68	8.03	33.31	102.4	8.15	7.1	4.6
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS7	12:21:28	1.0	Surface	1	2	16.68	8.02	33.31	102.1	8.13	7.3	3.6
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS7	12:21:08	2.2	Bottom	3	1	16.44	8.01	33.33	101.7	8.13	8.2	4.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS7	12:21:47	2.2	Bottom	3	2	16.45	8.02	33.3	101.9	8.14	7.8	5.1
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS8	12:55:02	1.0	Surface	1	1	16.68	8.04	33.3	100.8	8.01	5.3	2.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS8	12:55:42	1.0	Surface	1	2	16.71	8.05	33.29	100.7	8	5.6	2.7
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS8	12:54:44	2.6	Bottom	3	1	16.68	8.04	33.35	100.7	8.01	5.6	2.7
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS8	12:55:22	2.6	Bottom	3	2	16.68	8.04	33.36	100.7	8.01	5.6	3.1
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)9	12:29:43	1.0	Surface	1	1	16.37	8.05	33.29	105.5	8.46	7.1	4.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)9	12:29:11	1.0	Surface	1	2	16.36	8.05	33.29	105.5	8.46	6.9	4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)9	12:28:54	2.3	Bottom	3	1	16.27	8.05	33.25	105.3	8.45	7.5	3.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS(Mf)9	12:29:27	2.3	Bottom	3	2	16.27	8.05	33.25	105.4	8.45	7.8	3.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:54:21	1.0	Surface	1	1	16.78	8.22	33.48	98.5	7.82	5.7	4.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:55:19	1.0	Surface	1	2	16.78	8.22	33.47	98.5	7.81	5.7	5.2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:54:01	5.2	Middle	2	1	16.6	8.22	33.52	97.6	7.77	7.1	6.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:54:57	5.2	Middle	2	2	16.6	8.22	33.52	97.5	7.75	7.2	6.4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:54:41	9.3	Bottom	3	1	16.6	8.22	33.52	97.6	7.77	7.6	5.6
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	IS10	12:53:39	9.3	Bottom	3	2	16.6	8.21	33.52	98	7.8	7.9	6.1
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR3	11:46:29	0.7	Middle	2	1	16.21	7.97	33.15	101.6	8.17	5.4	5.4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR3	11:46:11	0.7	Middle	2	2	16.21	7.96	33.15	101.9	8.19	5.5	3.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR4	12:43:18	1.0	Surface	1	1	16.72	8.02	33.31	100.6	8	5.7	2.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR4	12:43:57	1.0	Surface	1	2	16.7	8.03	33.33	100.5	7.99	5.8	2.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR4	12:43:41	2.4	Bottom	3	1	16.7	8.02	33.37	100.5	7.99	6.1	3.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR4	12:43:00	2.4	Bottom	3	2	16.7	8.02	33.37	100.5	7.99	6	3.6
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR5	12:46:55	1.0	Surface	1	1	16.73	8.22	33.48	98.6	7.83	6.2	5.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR5	12:47:17	1.0	Surface	1	2	16.79	8.22	33.48	98.7	7.83	5.8	6.1
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR5	12:46:43	4.5	Bottom	3	1	16.63	8.21	33.5	98.5	7.83	6.4	5.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR5	12:47:06	4.5	Bottom	3	2	16.66	8.22	33.49	98.4	7.82	6.6	5.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	14:00:55	1.0	Surface	1	1	17.4	8.01	33.58	93	7.28	3.5	2.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	13:59:44	1.0	Surface	1	2	17.39	8	33.57	93	7.29	3.3	3.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	13:59:23	3.3	Middle	2	1	17.39	8	33.58	92.9	7.27	3.4	3.2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	14:00:38	3.3	Middle	2	2	17.38	8.01	33.59	92.8	7.27	3.4	3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	13:59:02	5.6	Bottom	3	1	17.38	8	33.59	92.8	7.27	3.3	4.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10A	14:00:14	5.6	Bottom	3	2	17.39	8.01	33.59	92.8	7.27	3.5	4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10B	14:12:47	1.0	Surface	1	1	17.37	8.02	33.55	93.1	7.29	3.8	3.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10B	14:12:07	1.0	Surface	1	2	17.38	8.02	33.54	93.4	7.31	3.9	2.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10B	14:11:47	4.5	Bottom	3	1	17.37	8.02	33.48	93.4	7.32	4.1	2.8
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	SR10B	14:12:26	4.5	Bottom	3	2	17.37	8.02	33.52	93	7.29	4.3	2.2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:30:59	1.0	Surface	1	1	16.9	8.25	33.41	98.5	7.8	3.2	5.1
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:30:14	1.0	Surface	1	2	17.01	8.25	33.41	99.5	7.86	3.1	5.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:29:53	3.5	Middle	2	1	16.85	8.26	33.41	99.4	7.87	4.1	4.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:30:45	3.5	Middle	2	2	16.81	8.25	33.41	98	7.77	4	4.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:29:29	5.9	Bottom	3	1	16.71	8.26	33.41	100.1	7.95	6.3	5.3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS2	11:30:34	5.9	Bottom	3	2	16.71	8.25	33.4	97.9	7.78	6.2	4.5
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:32:42	1.0	Surface	1	1	17.34	8.03	33.47	95.3	7.46	3.6	2
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:31:36	1.0	Surface	1	2	17.33	8.03	33.45	95.2	7.45	3.9	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	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:31:13	6.5	Middle	2	1	17.35	8.02	33.54	94.1	7.38	4.6	2.4
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:32:18	6.5	Middle	2	2	17.36	8.03	33.57	94.3	7.39	4.4	2.9
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:30:51	12.0	Bottom	3	1	17.37	8.01	33.58	94.4	7.39	4.8	3
HKLR	HY/2011/03	2014-01-01	Mid-Ebb	Sunny	CS(Mf)5	13:31:55	12.0	Bottom	3	2	17.38	8.02	33.59	94.4	7.4	4.9	2.5
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:15:36	1.0	Surface	1	1	16.16	8.04	33.24	99.8	8.02	6.5	4.5
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:16:40	1.0	Surface	1	2	16.16	8.05	33.24	99.6	8	6.7	4.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:16:18	4.2	Middle	2	1	16.15	8.05	33.27	99.3	7.98	7.8	4.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:15:14	4.2	Middle	2	2	16.15	8.04	33.26	99.6	8	7.5	4.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:14:49	7.4	Bottom	3	1	16.14	8.04	33.28	99.4	7.99	9	5.1
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS5	8:15:57	7.4	Bottom	3	2	16.14	8.04	33.28	99.1	7.96	8.8	5.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)6	8:03:06	1.0	Surface	1	1	16.12	8.02	33.25	98.8	7.94	8.6	5.1
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)6	8:03:47	1.0	Surface	1	2	16.13	8.03	33.25	98.6	7.92	9.2	5.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)6	8:03:27	2.3	Bottom	3	1	16.13	8.02	33.29	98.7	7.93	9.8	5.5
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)6	8:02:47	2.3	Bottom	3	2	16.14	8.02	33.3	98.9	7.95	9.6	5.2
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS7	7:54:06	1.0	Surface	1	1	16.33	8.03	33.33	98.1	7.85	12.9	12.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS7	7:54:39	1.0	Surface	1	2	16.34	8.03	33.35	98	7.84	13.5	12.5
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS7	7:54:23	2.3	Bottom	3	1	16.34	8.03	33.38	98.1	7.85	14.3	11.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS7	7:53:46	2.3	Bottom	3	2	16.35	8.03	33.4	98.3	7.86	13.8	12.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS8	7:21:25	1.0	Surface	1	1	16.48	8.02	33.23	98.5	7.86	6.4	7.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS8	7:22:04	1.0	Surface	1	2	16.49	8.02	33.23	98.7	7.88	6.8	6.2
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS8	7:21:04	2.7	Bottom	3	1	16.51	8.01	33.24	98.4	7.85	7.2	5.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS8	7:21:42	2.7	Bottom	3	2	16.5	8.02	33.24	98.5	7.86	7.3	5.2
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)9	7:46:57	1.0	Surface	1	1	16.16	8.04	33.27	101.3	8.14	12.1	8.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)9	7:46:18	1.0	Surface	1	2	16.15	8.04	33.28	101.2	8.13	12.4	6.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)9	7:46:37	2.4	Bottom	3	1	16.11	8.04	33.29	101.1	8.12	13	7.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS(Mf)9	7:45:58	2.4	Bottom	3	2	16.11	8.03	33.29	101.1	8.12	13.1	9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:31:49	1.0	Surface	1	1	16.64	8.21	33.63	98.7	7.84	5.5	8.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:30:59	1.0	Surface	1	2	16.61	8.2	33.63	98.9	7.86	5.1	7.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:30:41	5.3	Middle	2	1	16.64	8.2	33.63	98.6	7.83	6.1	7.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:31:29	5.3	Middle	2	2	16.64	8.21	33.64	98.4	7.81	6	6.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:30:32	9.6	Bottom	3	1	16.64	8.2	33.63	98.5	7.83	6.3	7.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	IS10	7:31:17	9.6	Bottom	3	2	16.64	8.2	33.64	98.5	7.82	6.5	9.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR3	8:26:05	0.8	Middle	2	1	16.17	8.05	33.23	100.4	8.06	6.4	4.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR3	8:26:21	0.8	Middle	2	2	16.17	8.05	33.24	100.3	8.06	6.6	5.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR4	7:33:05	1.0	Surface	1	1	16.52	8.04	33.26	98.6	7.86	7.2	7.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR4	7:33:44	1.0	Surface	1	2	16.51	8.04	33.26	98.5	7.86	7.5	7.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR4	7:32:47	2.4	Bottom	3	1	16.52	8.04	33.26	98.5	7.86	7.8	10.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR4	7:33:26	2.4	Bottom	3	2	16.51	8.04	33.26	98.4	7.85	7.9	11.1
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR5	7:38:27	1.0	Surface	1	1	16.63	8.21	33.63	98.6	7.84	6.2	7.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR5	7:38:04	1.0	Surface	1	2	16.64	8.21	33.63	98.6	7.83	6.4	8.1
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR5	7:37:53	4.6	Bottom	3	1	16.64	8.21	33.64	98.4	7.82	6.2	7.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR5	7:38:14	4.6	Bottom	3	2	16.63	8.21	33.63	98.4	7.82	6.3	6.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:16:18	1.0	Surface	1	1	17.2	8.04	33.45	94.3	7.41	7.5	6.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:15:16	1.0	Surface	1	2	17.2	8.03	33.44	94.3	7.42	7.5	4.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:14:59	3.2	Middle	2	1	17.22	8.03	33.46	94.2	7.4	7.8	6.9
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:15:58	3.2	Middle	2	2	17.21	8.04	33.46	94.1	7.39	7.6	7.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:14:37	5.4	Bottom	3	1	17.21	8.03	33.46	94.2	7.4	8.3	8.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10A	6:15:38	5.4	Bottom	3	2	17.21	8.04	33.46	94	7.39	8.3	7.2
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10B	6:02:32	1.0	Surface	1	1	17.22	8.01	33.4	94.2	7.4	9.3	8.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10B	6:01:47	1.0	Surface	1	2	17.22	8	33.39	94.4	7.42	9.4	8.2
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10B	6:02:14	4.4	Bottom	3	1	17.22	8.01	33.4	94.1	7.4	8.9	9.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	SR10B	6:01:29	4.4	Bottom	3	2	17.22	8	33.39	94.4	7.42	8.9	8.7
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:51:57	1.0	Surface	1	1	16.89	8.19	33.54	96.1	7.6	11.4	11.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:52:33	1.0	Surface	1	2	16.89	8.2	33.54	96.1	7.6	11.1	11.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:52:21	3.6	Middle	2	1	16.87	8.2	33.57	96	7.59	13.1	11.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:51:44	3.6	Middle	2	2	16.87	8.2	33.57	95.9	7.59	13.2	10.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:51:30	6.2	Bottom	3	1	16.83	8.2	33.61	95.6	7.57	13.6	11.1
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS2	8:52:09	6.2	Bottom	3	2	16.84	8.2	33.6	95.7	7.58	13.8	13.4
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:46:44	1.0	Surface	1	1	16.94	8.02	33.26	96.1	7.6	10.9	7.8
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:47:55	1.0	Surface	1	2	16.94	8.03	33.27	96.1	7.6	10.5	8.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:47:31	6.6	Middle	2	1	16.95	8.03	33.3	95.8	7.57	11.8	9.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:46:21	6.6	Middle	2	2	16.95	8.02	33.28	95.7	7.56	12.5	9.3
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:45:56	12.1	Bottom	3	1	16.95	8.02	33.29	95.5	7.55	14.9	8.6
HKLR	HY/2011/03	2014-01-01	Mid-Flood	Sunny	CS(Mf)5	6:47:11	12.1	Bottom	3	2	16.95	8.03	33.3	95.5	7.55	13.5	9.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:47:35	1.0	Surface	1	1	17.16	8.01	32.93	98.8	7.8	12.3	13.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:48:10	1.0	Surface	1	2	17.15	8.01	32.92	98.6	7.79	12.1	13.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:47:59	4.3	Middle	2	1	17.17	8.01	32.94	98.6	7.78	12.7	13
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:47:25	4.3	Middle	2	2	17.18	8.01	32.94	98.7	7.79	12.5	13.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:47:47	7.6	Bottom	3	1	17.19	8.01	32.95	98.4	7.77	12.7	12.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS5	13:47:12	7.6	Bottom	3	2	17.21	8.01	32.95	98.6	7.78	12.4	12.5
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)6	13:54:59	1.0	Surface	1	1	17.35	8.03	32.9	100.4	7.9	11	6.5
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)6	13:54:36	1.0	Surface	1	2	17.32	8.02	32.91	100.5	7.92	10.7	7.5
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)6	13:54:21	2.1	Bottom	3	1	17.28	8.02	32.91	100.3	7.9	11.6	7.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)6	13:54:47	2.1	Bottom	3	2	17.29	8.02	32.9	100.2	7.9	11.3	7.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS7	14:02:48	1.0	Surface	1	1	17.09	8.03	32.92	99.3	7.85	14.1	13
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS7	14:02:25	1.0	Surface	1	2	17.1	8.03	32.9	99.2	7.85	13.8	14.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS7	14:02:41	2.1	Bottom	3	1	17.04	8.03	32.89	99.1	7.85	14.8	12.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS7	14:02:14	2.1	Bottom	3	2	17.03	8.03	32.89	99	7.84	15.7	13.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS8	14:28:56	1.0	Surface	1	1	17.72	8.06	32.8	105.9	8.28	5.2	3.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS8	14:28:38	1.0	Surface	1	2	17.66	8.06	32.81	105.5	8.26	5.1	4.7
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS8	14:28:45	2.9	Bottom	3	1	17.63	8.06	32.76	105.3	8.25	5.4	4.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS8	14:28:27	2.9	Bottom	3	2	17.4	8.05	32.8	104.8	8.24	5.3	4.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)9	14:10:04	1.0	Surface	1	1	17.93	8.06	32.92	104.8	8.16	10.3	4.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)9	14:09:41	1.0	Surface	1	2	17.99	8.06	32.9	105.1	8.17	10.2	4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)9	14:09:28	2.6	Bottom	3	1	17.23	8.05	32.83	103.5	8.17	10.5	6.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS(Mf)9	14:09:52	2.6	Bottom	3	2	17.24	8.05	32.83	103.3	8.15	10.4	6.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:28:49	1.0	Surface	1	1	17.27	8.17	31.34	93.8	7.47	5.1	7.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:29:48	1.0	Surface	1	2	17.25	8.17	31.34	93.9	7.47	4.9	6.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:28:33	5.0	Middle	2	1	17.26	8.2	32.24	94.1	7.45	4.5	7.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:29:31	5.0	Middle	2	2	17.22	8.2	32.26	94.2	7.46	4.4	7.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:28:13	9.0	Bottom	3	1	17.22	8.19	32.26	93.4	7.4	6.9	6.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	IS10	14:29:18	9.0	Bottom	3	2	17.12	8.2	32.31	93.7	7.44	7	7.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR3	13:40:36	0.7	Middle	2	1	17.63	8.02	32.97	102.7	8.04	9	8.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR3	13:40:45	0.7	Middle	2	2	17.64	8.02	32.97	103.1	8.06	8.7	8.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR4	14:22:25	1.0	Surface	1	1	17.53	8.03	32.72	100.1	7.86	8.6	7.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR4	14:21:59	1.0	Surface	1	2	17.53	8.03	32.73	99.8	7.84	8.8	7.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR4	14:22:09	2.6	Bottom	3	1	17.53	8.03	32.72	99.8	7.84	8.8	8.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR4	14:21:48	2.6	Bottom	3	2	17.47	8.02	32.73	99.5	7.82	8.6	8.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR5	14:20:43	1.0	Surface	1	1	17.26	8.18	31.44	94	7.48	4.8	7.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR5	14:20:18	1.0	Surface	1	2	17.25	8.18	31.46	94	7.48	5	7.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR5	14:20:09	4.5	Bottom	3	1	17.32	8.18	32.1	93.9	7.43	4.7	7.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR5	14:20:32	4.5	Bottom	3	2	17.34	8.19	32.14	94	7.43	4.5	8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:28:10	1.0	Surface	1	1	17.57	8.02	32.97	96.2	7.53	3.5	2.9
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:29:08	1.0	Surface	1	2	17.51	8.03	32.99	95.7	7.5	3.7	3.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:27:57	3.3	Middle	2	1	17.45	8.02	33.02	95.6	7.51	3.6	2.6
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:28:56	3.3	Middle	2	2	17.46	8.02	33.03	95.3	7.48	3.7	2.7
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:27:41	5.6	Bottom	3	1	17.45	8.02	33.02	95.9	7.52	3.6	4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10A	15:28:41	5.6	Bottom	3	2	17.42	8.02	33.06	95.1	7.47	3.6	4.5
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10B	15:34:06	1.0	Surface	1	1	17.42	8.02	33.04	94.8	7.44	4.9	4.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10B	15:33:40	1.0	Surface	1	2	17.42	8.02	33.04	95	7.46	5	5.7
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10B	15:33:26	4.0	Bottom	3	1	17.42	8.02	33.05	94.7	7.44	4.8	4.8
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	SR10B	15:33:53	4.0	Bottom	3	2	17.42	8.02	33.05	94.7	7.44	4.8	4.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:06:16	1.0	Surface	1	1	17.4	8.18	31.71	94.8	7.51	5.3	7.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:05:21	1.0	Surface	1	2	17.64	8.19	31.55	95.1	7.5	5	6.7
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:05:05	3.6	Middle	2	1	17.3	8.22	32.23	95.2	7.53	4.6	7.3
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:05:57	3.6	Middle	2	2	17.33	8.2	32.18	95.2	7.53	4.4	6.7
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:04:44	6.2	Bottom	3	1	17.19	8.23	32.49	95.1	7.53	4.5	7.5
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS2	13:05:43	6.2	Bottom	3	2	17.24	8.21	32.38	94.5	7.48	4.5	8.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:04:56	1.0	Surface	1	1	17.48	8.02	32.59	95.5	7.51	5.7	5.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:03:43	1.0	Surface	1	2	17.47	8.02	32.6	95.3	7.5	5.9	5.1
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:03:21	6.0	Middle	2	1	17.22	8.02	32.74	93.2	7.36	6.2	5.2
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:04:34	6.0	Middle	2	2	17.25	8.02	32.7	93.8	7.41	6.2	5.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:03:03	11.0	Bottom	3	1	17.17	8.02	33.06	93	7.34	6.7	5.4
HKLR	HY/2011/03	2014-01-03	Mid-Ebb	Sunny	CS(Mf)5	15:04:11	11.0	Bottom	3	2	17.18	8.02	33.04	93.6	7.38	6.4	4.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:03:02	1.0	Surface	1	1	16.94	8.03	32.59	97.3	7.74	10.4	9.7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:04:14	1.0	Surface	1	2	16.94	8.03	32.59	97.3	7.74	9.8	10.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:02:40	4.2	Middle	2	1	16.94	8.02	32.6	97.1	7.72	10	9.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:03:53	4.2	Middle	2	2	16.94	8.03	32.6	97.1	7.72	9.8	10.4
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:02:13	7.4	Bottom	3	1	16.91	8.02	32.61	96.7	7.69	10.8	10.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS5	10:03:30	7.4	Bottom	3	2	16.93	8.03	32.6	96.9	7.7	10	11.9
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)6	9:52:18	1.0	Surface	1	1	16.96	8.03	32.65	98.1	7.79	15.1	13.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)6	9:52:43	1.0	Surface	1	2	17	8.03	32.64	98.5	7.81	14.4	14.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)6	9:52:05	2.0	Bottom	3	1	16.93	8.02	32.65	97.8	7.77	15.5	15.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)6	9:52:30	2.0	Bottom	3	2	16.95	8.03	32.65	98.3	7.81	14.4	14.8
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS7	9:43:54	1.0	Surface	1	1	16.95	8.03	32.62	98.3	7.81	14.6	12.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS7	9:44:19	1.0	Surface	1	2	16.94	8.02	32.62	98.2	7.8	14.3	12
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS7	9:44:07	2.0	Bottom	3	1	16.94	8.02	32.62	98.3	7.81	14.2	11
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS7	9:43:43	2.0	Bottom	3	2	16.93	8.02	32.62	98.2	7.8	14.7	12.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS8	9:13:41	1.0	Surface	1	1	16.94	8.02	32.64	97.9	7.78	10.6	8.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS8	9:12:39	1.0	Surface	1	2	16.93	8.02	32.64	97.7	7.76	10.5	7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS8	9:13:14	3.0	Bottom	3	1	16.89	8.02	32.67	97.6	7.76	10.5	8.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS8	9:12:14	3.0	Bottom	3	2	16.87	8.02	32.67	97.4	7.75	10.7	9.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)9	9:36:29	1.0	Surface	1	1	16.89	8.02	32.57	97.7	7.78	15.6	8.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)9	9:37:10	1.0	Surface	1	2	16.9	8.03	32.56	97.7	7.78	15.3	7.7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)9	9:36:09	2.5	Bottom	3	1	16.89	8.02	32.6	97.6	7.76	15.7	10.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS(Mf)9	9:36:48	2.5	Bottom	3	2	16.89	8.03	32.59	97.6	7.77	15.3	8.9
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:18:55	1.0	Surface	1	1	17	8.2	32.62	95.5	7.58	17.4	21.9
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:17:57	1.0	Surface	1	2	17	8.2	32.63	95.6	7.59	17.5	21.4
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:18:37	5.3	Middle	2	1	17	8.2	32.67	95.1	7.55	17	21
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:17:38	5.3	Middle	2	2	17	8.2	32.65	95.2	7.55	17.3	20.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:17:19	9.5	Bottom	3	1	17	8.2	32.67	95.1	7.54	18.9	21.8
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	IS10	9:18:22	9.5	Bottom	3	2	17	8.2	32.67	95	7.54	18.8	22.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR3	10:12:30	0.6	Middle	2	1	17.11	8.02	32.64	98.4	7.79	21	31.7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR3	10:12:40	0.6	Middle	2	2	17.07	8.02	32.61	98.2	7.78	20.1	30.9
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR4	9:24:41	1.0	Surface	1	1	17.02	8.02	32.57	97.5	7.74	9.2	8.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR4	9:23:03	1.0	Surface	1	2	16.98	8.02	32.59	97	7.71	9.4	8.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR4	9:22:52	2.8	Bottom	3	1	16.98	8.02	32.59	96.9	7.69	9.2	10.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR4	9:24:15	2.8	Bottom	3	2	16.99	8.02	32.6	98.5	7.82	9.5	9.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR5	9:25:50	1.0	Surface	1	1	17	8.2	32.61	95.5	7.58	15.2	27
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR5	9:26:13	1.0	Surface	1	2	17	8.2	32.61	95.5	7.58	16.5	26.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR5	9:25:34	4.6	Bottom	3	1	17	8.2	32.64	95.3	7.56	19.2	26.8
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR5	9:26:01	4.6	Bottom	3	2	17	8.2	32.65	95.3	7.57	18.2	26.8
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:04:13	1.0	Surface	1	1	17.09	7.99	32.75	94.1	7.45	15.3	12.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:03:38	1.0	Surface	1	2	17.1	7.99	32.78	94.1	7.45	15.6	10.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:03:59	3.3	Middle	2	1	17.09	7.99	32.74	93.9	7.44	16.3	12.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:03:19	3.3	Middle	2	2	17.11	7.99	32.79	93.9	7.43	16.3	12.2
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:03:49	5.6	Bottom	3	1	17.1	7.99	32.78	93.9	7.43	16.6	15.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10A	8:03:07	5.6	Bottom	3	2	17.11	7.99	32.79	93.8	7.42	16.4	14.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10B	7:56:25	1.0	Surface	1	1	17.17	7.98	33.08	93.6	7.39	10.4	14.7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10B	7:56:44	1.0	Surface	1	2	17.17	7.98	33.08	93.7	7.39	10.5	13.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10B	7:56:33	3.8	Bottom	3	1	17.17	7.98	33.09	93.7	7.39	10.8	16
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	SR10B	7:56:09	3.8	Bottom	3	2	17.17	7.98	33.08	93.6	7.39	10.7	14.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:46:25	1.0	Surface	1	1	17.02	8.2	32.61	95.6	7.59	15.6	24.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:45:37	1.0	Surface	1	2	17.01	8.2	32.62	95.5	7.58	15.3	23.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:46:05	3.6	Middle	2	1	17	8.2	32.66	95.3	7.56	15.4	24.4
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:45:23	3.6	Middle	2	2	17	8.2	32.67	95.2	7.55	15.5	23.6
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:45:05	6.1	Bottom	3	1	17	8.2	32.68	95.1	7.55	16.7	23.3
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS2	10:45:51	6.1	Bottom	3	2	17	8.2	32.67	95.1	7.55	17	24.1
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:36:35	1.0	Surface	1	1	17.06	7.99	32.43	93.9	7.45	9.4	6.7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:35:40	1.0	Surface	1	2	17.06	7.99	32.42	93.9	7.45	9.5	7.5
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:35:19	6.6	Middle	2	1	17.05	7.99	32.48	93.4	7.41	10.6	6.6
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:36:19	6.6	Middle	2	2	17.05	7.99	32.48	93.4	7.41	10.4	7
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:36:02	12.1	Bottom	3	1	17.05	7.99	32.48	93.1	7.39	11.7	6.6
HKLR	HY/2011/03	2014-01-03	Mid-Flood	Sunny	CS(Mf)5	8:35:00	12.1	Bottom	3	2	17.05	7.99	32.48	93.2	7.4	11.1	6.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:02:06	1.0	Surface	1	1	17.05	7.96	31.83	94.7	7.55	15.7	17
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:02:36	1.0	Surface	1	2	17.04	7.96	31.82	94.8	7.55	15.7	17.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:02:25	4.1	Middle	2	1	17.04	7.96	31.9	94.6	7.53	15.8	17.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:01:57	4.1	Middle	2	2	17.04	7.96	31.9	94.5	7.53	16	18.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:01:47	7.1	Bottom	3	1	17.04	7.96	31.93	94.4	7.52	16	17.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS5	16:02:15	7.1	Bottom	3	2	17.04	7.96	31.91	94.5	7.53	15.7	18.4
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)6	16:09:03	1.0	Surface	1	1	17.27	7.97	31.76	97.7	7.76	12.1	12
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)6	16:08:49	1.0	Surface	1	2	17.27	7.97	31.76	97.7	7.76	12.1	11.3
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)6	16:08:41	2.1	Bottom	3	1	17.27	7.97	31.78	97.9	7.77	12.3	11.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)6	16:08:56	2.1	Bottom	3	2	17.27	7.97	31.78	97.8	7.76	12.3	11.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS7	16:15:55	1.0	Surface	1	1	17.26	7.97	31.75	97.9	7.77	11.9	10.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS7	16:15:37	1.0	Surface	1	2	17.26	7.97	31.75	98.1	7.79	12	10.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS7	16:15:28	2.3	Bottom	3	1	17.26	7.97	31.77	98.2	7.8	12.1	10.2
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS7	16:15:45	2.3	Bottom	3	2	17.26	7.97	31.77	97.9	7.77	12	11.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS8	16:38:10	1.0	Surface	1	1	17.3	7.96	31.8	93.5	7.41	13.3	12.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS8	16:38:25	1.0	Surface	1	2	17.31	7.96	31.81	93.5	7.42	13.2	12.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS8	16:38:00	2.7	Bottom	3	1	17.3	7.96	31.83	93.4	7.41	13.2	12.3
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS8	16:38:16	2.7	Bottom	3	2	17.31	7.96	31.82	93.4	7.41	13.2	12.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)9	16:22:34	1.0	Surface	1	1	17.17	7.98	31.76	97.5	7.76	8	6.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)9	16:22:17	1.0	Surface	1	2	17.16	7.97	31.76	97.6	7.77	7.8	6.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)9	16:22:25	2.6	Bottom	3	1	17.16	7.98	31.78	97.6	7.76	8.1	7.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS(Mf)9	16:22:05	2.6	Bottom	3	2	17.16	7.97	31.79	97.7	7.77	7.8	7.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:01:45	1.0	Surface	1	1	17.25	8.22	31.64	95.1	7.56	5.2	7.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:00:56	1.0	Surface	1	2	17.23	8.21	31.68	95.1	7.55	5.5	7.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:00:44	5.2	Middle	2	1	17.13	8.22	31.89	94.5	7.52	6.1	8.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:01:29	5.2	Middle	2	2	17.13	8.22	31.9	94.5	7.51	6.1	7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:00:34	9.3	Bottom	3	1	17.12	8.21	31.92	94.5	7.52	6	9.4
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	IS10	17:01:20	9.3	Bottom	3	2	17.12	8.22	31.92	94.4	7.51	6.2	10.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR3	15:51:10	0.6	Middle	2	1	17.04	7.94	31.8	96.5	7.69	23.2	12
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR3	15:51:18	0.6	Middle	2	2	17.04	7.94	31.8	96.1	7.66	22.7	13.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR4	16:31:32	1.0	Surface	1	1	17.41	7.96	31.9	94.7	7.49	8.9	10.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR4	16:31:53	1.0	Surface	1	2	17.41	7.96	31.89	94.5	7.47	8.9	10.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR4	16:31:41	2.7	Bottom	3	1	17.38	7.96	31.95	94.5	7.48	8.8	11.2
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR4	16:31:23	2.7	Bottom	3	2	17.38	7.96	31.96	94.7	7.49	9.1	11.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR5	16:52:31	1.0	Surface	1	1	17.24	8.2	31.65	95.7	7.6	5.2	6.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR5	16:52:04	1.0	Surface	1	2	17.25	8.2	31.63	95.8	7.61	5.2	7.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR5	16:52:16	4.5	Bottom	3	1	17.2	8.2	31.8	95.4	7.58	5.5	6.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR5	16:51:48	4.5	Bottom	3	2	17.14	8.2	31.89	95.7	7.61	5.7	7.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10A	17:44:20	1.0	Surface	1	1	17.29	7.96	32.41	92	7.28	3.7	4.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10A	17:44:56	1.0	Surface	1	2	17.28	7.96	32.38	91.9	7.27	3.8	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	2014-01-06	Mid-Ebb	Sunny	SR10A	17:44:06	3.3	Middle	2	1	17.31	7.96	32.5	92	7.27	4	3.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10A	17:44:46	3.3	Middle	2	2	17.3	7.96	32.45	91.6	7.24	3.7	3.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10A	17:44:34	5.6	Bottom	3	1	17.31	7.96	32.54	91.8	7.24	3.7	4.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10A	17:43:54	5.6	Bottom	3	2	17.31	7.96	32.51	92.2	7.28	3.9	4.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10B	17:52:05	1.0	Surface	1	1	17.29	7.95	32.43	91.7	7.25	3.8	4.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10B	17:51:32	1.0	Surface	1	2	17.28	7.95	32.37	91.9	7.27	3.9	3.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10B	17:51:49	3.6	Bottom	3	1	17.31	7.96	32.52	91.8	7.25	3.9	4.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	SR10B	17:51:20	3.6	Bottom	3	2	17.29	7.96	32.47	91.9	7.26	3.9	5.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:40:04	1.0	Surface	1	1	17.3	8.26	31.75	95.6	7.58	4.4	7.4
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:39:31	1.0	Surface	1	2	17.3	8.26	31.77	96.3	7.64	4.5	5.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:39:21	3.4	Middle	2	1	17.28	8.26	31.88	96.5	7.65	4.9	6.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:39:52	3.4	Middle	2	2	17.26	8.27	31.88	95.6	7.59	4.8	4.8
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:39:41	5.7	Bottom	3	1	17.27	8.26	31.92	95.8	7.6	4.8	6.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS2	15:39:10	5.7	Bottom	3	2	17.23	8.25	32.07	96.9	7.68	5.2	7.3
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:19:01	1.0	Surface	1	1	17.3	7.97	32.02	91.5	7.25	6.5	5.7
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:18:10	1.0	Surface	1	2	17.29	7.97	32.01	91.9	7.28	6.4	6.5
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:18:47	6.3	Middle	2	1	17.28	7.97	32.52	90.4	7.14	6.4	5.1
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:17:55	6.3	Middle	2	2	17.27	7.97	32.54	91.1	7.2	6.7	5.9
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:18:34	11.5	Bottom	3	1	17.26	7.97	32.73	90.6	7.15	6.3	6.6
HKLR	HY/2011/03	2014-01-06	Mid-Ebb	Sunny	CS(Mf)5	17:17:46	11.5	Bottom	3	2	17.28	7.97	32.55	91.6	7.23	6.6	5.7
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:02:45	1.0	Surface	1	1	16.83	7.98	31.84	95	7.61	13	13.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:03:18	1.0	Surface	1	2	16.84	7.98	31.84	94.9	7.59	12.9	13.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:02:35	4.4	Middle	2	1	16.8	7.98	31.85	94.8	7.59	13	14.1
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:03:07	4.4	Middle	2	2	16.82	7.98	31.84	94.7	7.58	13.1	14.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:02:56	7.7	Bottom	3	1	16.82	7.98	31.83	94.6	7.57	13	14
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS5	12:02:28	7.7	Bottom	3	2	16.79	7.98	31.84	94.6	7.57	13.2	14.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)6	11:54:01	1.0	Surface	1	1	16.96	7.96	31.75	96.1	7.67	15.9	16.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)6	11:54:21	1.0	Surface	1	2	16.97	7.97	31.75	96	7.66	16.1	17.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)6	11:54:11	2.0	Bottom	3	1	16.95	7.97	31.75	96	7.67	16.2	15.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)6	11:53:50	2.0	Bottom	3	2	16.95	7.96	31.75	96.2	7.68	16.6	15.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS7	11:48:05	1.0	Surface	1	1	16.96	7.97	31.77	96.2	7.68	14.3	15
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS7	11:47:50	1.0	Surface	1	2	16.96	7.96	31.77	96.3	7.69	14.7	14.4
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS7	11:47:40	2.2	Bottom	3	1	16.95	7.96	31.77	96.3	7.69	15.5	15.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS7	11:47:57	2.2	Bottom	3	2	16.96	7.96	31.77	96.2	7.68	15.4	15.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS8	11:25:11	1.0	Surface	1	1	16.95	7.95	31.77	92.6	7.4	22.6	23.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS8	11:24:51	1.0	Surface	1	2	16.93	7.95	31.77	92.8	7.41	23.6	22.1
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS8	11:25:02	3.1	Bottom	3	1	16.94	7.95	31.77	92.6	7.4	23.5	23.7
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS8	11:24:42	3.1	Bottom	3	2	16.93	7.95	31.77	92.9	7.42	23.5	23.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)9	11:42:12	1.0	Surface	1	1	16.95	7.96	31.82	94.2	7.52	23	25
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)9	11:41:49	1.0	Surface	1	2	16.94	7.96	31.82	94.2	7.52	22.9	24.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)9	11:41:37	2.7	Bottom	3	1	16.93	7.96	31.82	94.2	7.53	23.4	27.4
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS(Mf)9	11:41:58	2.7	Bottom	3	2	16.91	7.96	31.81	94	7.51	23.7	26.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:23:22	1.0	Surface	1	1	17.03	8.21	31.92	94.4	7.52	13.7	18.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:22:39	1.0	Surface	1	2	17.03	8.21	31.92	94.5	7.53	14.2	16.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:23:09	5.3	Middle	2	1	16.94	8.21	31.95	93.8	7.49	14.3	19.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:22:24	5.3	Middle	2	2	16.95	8.21	31.96	94	7.5	14.1	18
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:22:14	9.6	Bottom	3	1	16.94	8.21	31.98	94.1	7.51	16.1	19.4
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	IS10	11:22:57	9.6	Bottom	3	2	16.94	8.21	31.98	93.9	7.49	15.8	18.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR3	12:10:56	0.8	Middle	2	1	16.84	7.98	31.84	95.1	7.61	12.7	13.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR3	12:11:04	0.8	Middle	2	2	16.85	7.98	31.84	95.2	7.62	12.5	13.1
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR4	11:31:18	1.0	Surface	1	1	17.01	7.95	31.8	91.7	7.31	9.3	10.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR4	11:31:03	1.0	Surface	1	2	17.01	7.95	31.81	92	7.34	9.2	9.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR4	11:30:56	3.0	Bottom	3	1	17.01	7.95	31.8	92.2	7.36	9.6	11.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR4	11:31:10	3.0	Bottom	3	2	17.01	7.95	31.8	91.9	7.33	9.5	11.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR5	11:33:14	1.0	Surface	1	1	17.02	8.21	31.93	94.3	7.51	13	18.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR5	11:33:46	1.0	Surface	1	2	17.02	8.21	31.93	94.3	7.52	13.4	18.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR5	11:33:33	4.6	Bottom	3	1	16.94	8.21	31.95	93.9	7.49	15	18.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR5	11:33:02	4.6	Bottom	3	2	16.94	8.21	31.96	93.8	7.48	15.4	20.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:28:02	1.0	Surface	1	1	17.22	7.95	32.5	90.9	7.19	8.3	7.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:27:28	1.0	Surface	1	2	17.22	7.94	32.49	91.1	7.2	9.1	7.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:27:54	3.3	Middle	2	1	17.22	7.95	32.5	90.9	7.19	8.4	8.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:27:19	3.3	Middle	2	2	17.22	7.94	32.49	90.9	7.19	8.4	8.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:27:11	5.6	Bottom	3	1	17.22	7.94	32.49	90.8	7.19	8.5	7.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10A	10:27:39	5.6	Bottom	3	2	17.22	7.94	32.5	90.8	7.19	8.8	7.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10B	10:22:15	1.0	Surface	1	1	17.24	7.94	32.63	91.9	7.26	8.4	12.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10B	10:22:29	1.0	Surface	1	2	17.24	7.94	32.65	91.7	7.24	8.5	11.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10B	10:22:06	3.9	Bottom	3	1	17.24	7.93	32.62	92.1	7.28	8.6	12.8
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	SR10B	10:22:22	3.9	Bottom	3	2	17.24	7.94	32.65	91.7	7.25	8.6	12.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:53:35	1.0	Surface	1	1	16.99	8.21	32.06	94.4	7.52	14.5	20.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:52:39	1.0	Surface	1	2	16.98	8.21	32.06	94.3	7.51	14.3	20.7
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:53:20	3.5	Middle	2	1	16.97	8.21	32.06	94.1	7.5	15.5	19.5
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:52:23	3.5	Middle	2	2	16.97	8.21	32.06	94	7.49	15.2	20.9
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:53:03	6.0	Bottom	3	1	16.97	8.21	32.06	93.9	7.48	15.4	22.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS2	12:52:05	6.0	Bottom	3	2	16.97	8.21	32.06	94	7.49	15	20.3
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:56:44	1.0	Surface	1	1	17.13	7.95	31.87	91.9	7.31	7.5	7.1
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:57:30	1.0	Surface	1	2	17.13	7.94	31.87	91.9	7.31	7.4	7
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:57:17	6.9	Middle	2	1	17.09	7.94	32.01	91.4	7.27	8.5	7.6
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:56:28	6.9	Middle	2	2	17.1	7.95	32.04	91.1	7.24	8.5	7.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:56:59	12.7	Bottom	3	1	17.11	7.95	32.05	91.6	7.28	8.6	7.2
HKLR	HY/2011/03	2014-01-06	Mid-Flood	Sunny	CS(Mf)5	10:56:17	12.7	Bottom	3	2	17.11	7.95	32.07	91.2	7.25	8.6	7.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:24:47	1.0	Surface	1	1	17.57	7.97	32.03	95.1	7.49	15.2	15.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:24:07	1.0	Surface	1	2	17.58	7.96	32.03	95.2	7.5	14.9	16
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:23:52	4.6	Middle	2	1	17.57	7.96	32.05	95	7.48	15.2	15.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:24:32	4.6	Middle	2	2	17.58	7.97	32.04	94.9	7.48	14.8	15.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:23:45	8.1	Bottom	3	1	17.58	7.96	32.05	95.1	7.49	15.2	14.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS5	18:24:22	8.1	Bottom	3	2	17.58	7.97	32.04	95	7.48	15	15.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)6	18:33:43	1.0	Surface	1	1	17.51	7.95	31.88	95.6	7.55	14.8	9.5
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)6	18:34:17	1.0	Surface	1	2	17.51	7.96	31.89	96.8	7.65	13.7	10.4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)6	18:33:30	2.2	Bottom	3	1	17.51	7.95	31.89	95.8	7.56	15.9	9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)6	18:34:13	2.2	Bottom	3	2	17.49	7.95	31.91	97.1	7.67	15.5	10.5
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS7	18:41:01	1.0	Surface	1	1	17.5	7.97	31.78	95.9	7.58	11.7	10.8
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS7	18:40:30	1.0	Surface	1	2	17.5	7.97	31.78	96.2	7.6	12.3	11.4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS7	18:40:22	2.5	Bottom	3	1	17.5	7.97	31.79	96.2	7.6	13	11.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS7	18:40:50	2.5	Bottom	3	2	17.5	7.97	31.79	95.9	7.58	12.4	11.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS8	19:07:58	1.0	Surface	1	1	17.47	7.96	31.2	95.5	7.58	6.1	6.3
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS8	19:08:22	1.0	Surface	1	2	17.47	7.96	31.2	95.1	7.54	6.1	5.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS8	19:08:10	2.8	Bottom	3	1	17.48	7.96	31.32	95.3	7.55	6.3	5.4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS8	19:07:47	2.8	Bottom	3	2	17.48	7.95	31.27	95.9	7.61	6.2	5.1
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)9	18:46:43	1.0	Surface	1	1	17.5	7.96	31.72	97	7.66	10.6	12.4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)9	18:46:55	1.0	Surface	1	2	17.5	7.96	31.73	96.8	7.65	10.4	12.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)9	18:46:34	2.4	Bottom	3	1	17.49	7.96	31.72	97.2	7.68	10.9	11.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS(Mf)9	18:46:48	2.4	Bottom	3	2	17.5	7.96	31.73	96.8	7.65	10.6	11.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:33:34	1.0	Surface	1	1	17.6	8.14	29.27	92.8	7.43	3.1	4.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:32:18	1.0	Surface	1	2	17.6	8.14	29.33	92.9	7.43	3.2	4.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:32:04	5.3	Middle	2	1	17.59	8.16	29.68	92.7	7.41	3.6	4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:33:11	5.3	Middle	2	2	17.61	8.15	29.51	92.8	7.42	3.8	3.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:31:51	9.5	Bottom	3	1	17.47	8.18	31.04	92.2	7.32	3.7	3.8
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	IS10	19:32:53	9.5	Bottom	3	2	17.46	8.19	31.06	92.4	7.33	3.8	4.9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR3	18:05:38	0.9	Middle	2	1	17.57	7.95	32.07	96.6	7.61	15.5	13.9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR3	18:05:31	0.9	Middle	2	2	17.58	7.95	32.07	97	7.64	15.8	14.1
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR4	18:58:15	1.0	Surface	1	1	17.61	7.92	31.22	92.3	7.31	8.3	7
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR4	18:58:26	1.0	Surface	1	2	17.63	7.92	31.37	91.9	7.26	8.8	7.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR4	18:58:22	2.5	Bottom	3	1	17.62	7.92	31.41	92.2	7.28	8.8	8.7
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR4	18:58:06	2.5	Bottom	3	2	17.62	7.92	31.43	92.9	7.34	8.5	8.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR5	19:21:58	1.0	Surface	1	1	17.58	8.14	29.56	93	7.43	3.3	4.8
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR5	19:21:37	1.0	Surface	1	2	17.58	8.14	29.56	93.1	7.44	3.4	4.5
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR5	19:21:48	3.4	Bottom	3	1	17.59	8.14	29.57	93	7.43	3.4	5
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR5	19:21:27	3.4	Bottom	3	2	17.59	8.14	29.58	93.2	7.45	3.5	4.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:14:25	1.0	Surface	1	1	17.47	7.97	32.41	92.3	7.27	3.2	4
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:15:13	1.0	Surface	1	2	17.47	7.97	32.41	92.1	7.25	3.4	3.9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:15:04	3.3	Middle	2	1	17.48	7.97	32.41	92	7.24	3.4	3.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:14:17	3.3	Middle	2	2	17.47	7.97	32.42	92.2	7.26	3.3	3.9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:14:08	5.5	Bottom	3	1	17.48	7.97	32.42	92.2	7.26	3.1	3.1
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10A	20:14:49	5.5	Bottom	3	2	17.48	7.98	32.42	91.9	7.24	3	3.3
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10B	20:30:15	1.0	Surface	1	1	17.48	7.98	32.4	91.9	7.24	3.3	2.8
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10B	20:29:45	1.0	Surface	1	2	17.47	7.98	32.41	91.9	7.24	3.1	3.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10B	20:29:57	4.5	Bottom	3	1	17.47	7.98	32.43	91.8	7.23	3.3	3
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	SR10B	20:29:33	4.5	Bottom	3	2	17.47	7.97	32.43	91.7	7.22	3.1	3.6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:52:50	1.0	Surface	1	1	17.5	8.15	29.95	93.2	7.45	4.5	5.7
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:52:01	1.0	Surface	1	2	17.5	8.12	29.97	93.9	7.5	4.4	6.3
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:52:26	4.0	Middle	2	1	17.51	8.15	30.09	93.3	7.44	5.1	5.1
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:51:41	4.0	Middle	2	2	17.52	8.11	30.01	94.6	7.56	4.7	5.9
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:52:16	6.9	Bottom	3	1	17.51	8.14	30.53	93.3	7.43	6.4	6.1
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS2	17:51:19	6.9	Bottom	3	2	17.54	8.11	30.51	97.1	7.72	6	6
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:49:16	1.0	Surface	1	1	17.41	7.97	31.53	92.7	7.35	6.8	6.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:48:36	1.0	Surface	1	2	17.43	7.96	31.6	92.6	7.33	7.2	4.7
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:49:05	6.5	Middle	2	1	17.44	7.97	31.88	92.3	7.3	7	6.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:48:27	6.5	Middle	2	2	17.44	7.97	31.92	92.3	7.3	6.9	6.2
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:48:08	12.0	Bottom	3	1	17.43	7.97	31.95	92.6	7.32	6.7	6.3
HKLR	HY/2011/03	2014-01-08	Mid-Ebb	Fine	CS(Mf)5	19:48:52	12.0	Bottom	3	2	17.43	7.97	31.94	92.4	7.31	6.9	5.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:42:54	1.0	Surface	1	1	17.54	7.98	31.78	96.1	7.59	10	9.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:43:33	1.0	Surface	1	2	17.54	7.98	31.79	96.1	7.58	10	9.8
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:43:18	4.4	Middle	2	1	17.53	7.98	31.81	95.7	7.56	10.9	9.6
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:42:42	4.4	Middle	2	2	17.53	7.98	31.81	95.8	7.56	10.3	9.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:43:10	7.8	Bottom	3	1	17.52	7.98	31.81	95.7	7.56	11	8.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS5	13:42:32	7.8	Bottom	3	2	17.52	7.98	31.81	95.7	7.56	10.5	10.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)6	13:29:38	1.0	Surface	1	1	17.56	7.98	31.75	96.3	7.6	12.6	10.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)6	13:29:22	1.0	Surface	1	2	17.55	7.98	31.75	96.4	7.61	13.2	11.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)6	13:29:29	2.2	Bottom	3	1	17.55	7.98	31.77	96.4	7.61	13.5	11.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)6	13:29:16	2.2	Bottom	3	2	17.55	7.98	31.77	96.5	7.62	13.8	11.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS7	13:22:58	1.0	Surface	1	1	17.51	7.96	31.69	95.5	7.55	16.2	9.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS7	13:22:46	1.0	Surface	1	2	17.5	7.96	31.68	95.4	7.54	16.6	10.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS7	13:22:52	2.4	Bottom	3	1	17.49	7.96	31.69	95.3	7.54	17.6	10.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS7	13:22:34	2.4	Bottom	3	2	17.45	7.96	31.73	95.3	7.54	19.2	9.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS8	13:00:26	1.0	Surface	1	1	17.45	7.95	31.14	93.7	7.44	7	5.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS8	13:00:01	1.0	Surface	1	2	17.43	7.94	31.19	93.9	7.45	7.4	4.7
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS8	13:00:12	2.9	Bottom	3	1	17.42	7.95	31.35	93.7	7.43	8.1	4.6
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS8	12:59:54	2.9	Bottom	3	2	17.42	7.94	31.35	94	7.45	7.8	4.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)9	13:16:16	1.0	Surface	1	1	17.44	7.96	31.32	95.4	7.57	14.4	13.8
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)9	13:16:31	1.0	Surface	1	2	17.42	7.96	31.41	95.2	7.55	14.5	13.2
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)9	13:16:24	2.4	Bottom	3	1	17.42	7.96	31.57	95.1	7.54	14	14.2
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS(Mf)9	13:16:06	2.4	Bottom	3	2	17.42	7.96	31.55	95.3	7.55	14	14
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:51:22	1.0	Surface	1	1	17.42	8.15	31.03	93.8	7.46	13.4	14.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:52:00	1.0	Surface	1	2	17.44	8.15	30.95	93.7	7.45	13.2	14
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:51:09	5.4	Middle	2	1	17.39	8.16	31.22	93.7	7.44	13.4	13.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:51:47	5.4	Middle	2	2	17.4	8.15	31.18	93.5	7.43	13.1	14.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:50:52	9.7	Bottom	3	1	17.36	8.16	31.45	93.4	7.41	13.7	14.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	IS10	12:51:36	9.7	Bottom	3	2	17.39	8.15	31.3	93.3	7.41	13.1	14.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR3	13:58:24	0.8	Middle	2	1	17.54	7.98	31.79	96.3	7.6	10.3	9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR3	13:58:31	0.8	Middle	2	2	17.54	7.98	31.79	96.2	7.6	10.2	9.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR4	13:07:35	1.0	Surface	1	1	17.46	7.95	31.11	93.6	7.43	6.8	3.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR4	13:07:53	1.0	Surface	1	2	17.45	7.95	31.19	93.5	7.42	7	3.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR4	13:07:46	2.6	Bottom	3	1	17.43	7.95	31.32	93.5	7.42	8.5	5.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR4	13:07:28	2.6	Bottom	3	2	17.43	7.95	31.3	93.5	7.42	8	5.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR5	13:02:21	1.0	Surface	1	1	17.73	8.13	30.58	93.9	7.44	12.7	13.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR5	13:02:46	1.0	Surface	1	2	17.73	8.14	30.59	93.8	7.43	13.1	14
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR5	13:02:35	3.6	Bottom	3	1	17.47	8.14	30.98	93.3	7.41	12.9	15.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR5	13:02:08	3.6	Bottom	3	2	17.54	8.14	30.87	93.5	7.42	13.1	13.6
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:58:35	1.0	Surface	1	1	17.4	7.94	32.44	91	7.18	3.9	5.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:57:51	1.0	Surface	1	2	17.4	7.93	32.44	91.2	7.19	4.2	3.6
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:57:41	3.4	Middle	2	1	17.39	7.93	32.45	91	7.17	4.2	4.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:58:19	3.4	Middle	2	2	17.39	7.93	32.46	90.8	7.16	3.9	5.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:58:10	5.8	Bottom	3	1	17.38	7.93	32.49	90.7	7.15	4.2	5.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10A	11:57:32	5.8	Bottom	3	2	17.39	7.93	32.45	91	7.17	4.6	3.9
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10B	11:42:13	1.0	Surface	1	1	17.41	7.92	32.51	91	7.17	4.1	4.2
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10B	11:41:44	1.0	Surface	1	2	17.41	7.92	32.48	91.1	7.18	4.2	5.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10B	11:41:26	4.5	Bottom	3	1	17.4	7.92	32.47	90.9	7.17	4.4	4.8
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	SR10B	11:42:02	4.5	Bottom	3	2	17.4	7.92	32.51	90.7	7.15	4	4.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:22:38	1.0	Surface	1	1	17.56	8.15	30.64	93.8	7.45	5.1	4.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:21:44	1.0	Surface	1	2	17.57	8.15	30.61	93.8	7.45	4.9	5.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:22:26	3.9	Middle	2	1	17.42	8.16	31.29	93.4	7.41	7.5	4.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:21:31	3.9	Middle	2	2	17.49	8.15	30.95	93.5	7.42	7.1	5.1
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:21:18	6.7	Bottom	3	1	17.43	8.15	31.29	93.3	7.4	8.9	6.8
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS2	14:22:12	6.7	Bottom	3	2	17.39	8.16	31.52	93.2	7.39	8.7	5.2
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:30:36	1.0	Surface	1	1	17.5	7.93	31.32	92.7	7.34	8.4	4.3
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:29:57	1.0	Surface	1	2	17.46	7.93	31.4	92.3	7.32	8	3.5
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:29:46	6.7	Middle	2	1	17.31	7.94	32.15	91.4	7.23	15.5	3.8
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:30:21	6.7	Middle	2	2	17.31	7.94	32.19	91.4	7.23	16.3	4.4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:29:28	12.4	Bottom	3	1	17.32	7.93	32.15	91.9	7.27	13.9	4
HKLR	HY/2011/03	2014-01-08	Mid-Flood	Fine	CS(Mf)5	12:30:12	12.4	Bottom	3	2	17.33	7.94	32.13	91.9	7.27	13.1	3.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:06:09	1.0	Surface	1	1	16.88	7.96	31.35	93.7	7.51	7.2	6.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:06:41	1.0	Surface	1	2	16.88	7.96	31.34	93.6	7.5	7.1	6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:06:31	4.2	Middle	2	1	16.91	7.96	31.39	93.4	7.48	7.5	6.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:06:00	4.2	Middle	2	2	16.92	7.96	31.42	93.5	7.49	7.8	6.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:06:22	7.4	Bottom	3	1	16.93	7.96	31.52	93.6	7.49	7.8	6.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS5	9:05:53	7.4	Bottom	3	2	16.91	7.96	31.48	93.5	7.49	7.7	6.2
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)6	8:57:26	1.0	Surface	1	1	16.7	7.94	31.14	95	7.65	11.1	9.8
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)6	8:57:09	1.0	Surface	1	2	16.7	7.93	31.15	95.2	7.67	11.5	9.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)6	8:56:59	2.1	Bottom	3	1	16.69	7.93	31.15	95.2	7.67	11.5	9.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)6	8:57:17	2.1	Bottom	3	2	16.7	7.93	31.15	95	7.65	11	10.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS7	8:50:39	1.0	Surface	1	1	16.74	7.92	31.15	94.7	7.63	12.2	10.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS7	8:51:01	1.0	Surface	1	2	16.74	7.92	31.15	94.5	7.6	12	10.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS7	8:50:26	2.2	Bottom	3	1	16.74	7.92	31.15	95	7.65	11.9	11.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS7	8:50:49	2.2	Bottom	3	2	16.74	7.92	31.14	94.5	7.61	11.3	10.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS8	8:27:13	1.0	Surface	1	1	16.9	7.92	31.15	93.6	7.51	8.5	6.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS8	8:26:53	1.0	Surface	1	2	16.89	7.92	31.15	93.9	7.54	8.5	6.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS8	8:26:42	2.7	Bottom	3	1	16.92	7.92	31.18	93.9	7.53	8.5	7.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS8	8:27:02	2.7	Bottom	3	2	16.92	7.92	31.28	93.9	7.53	8.7	7.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)9	8:44:44	1.0	Surface	1	1	16.75	7.92	31.21	94.5	7.6	13.6	11.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)9	8:44:21	1.0	Surface	1	2	16.74	7.92	31.2	94.6	7.61	13.5	12.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)9	8:44:31	2.7	Bottom	3	1	16.74	7.92	31.21	94.5	7.6	13.3	11.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS(Mf)9	8:44:11	2.7	Bottom	3	2	16.74	7.92	31.21	94.6	7.61	13.7	12.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS10	8:21:05	1.0	Surface	1	1	16.98	8.17	31.85	90.8	7.24	7.8	6.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS10	8:21:42	1.0	Surface	1	2	16.99	8.17	31.86	90.7	7.24	8	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	2014-01-10	Mid-Ebb	Fine	IS10	8:21:29	4.9	Middle	2	1	17.09	8.18	31.99	90.4	7.19	7.3	6.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS10	8:20:54	4.9	Middle	2	2	17.06	8.18	31.97	90.6	7.21	7.3	6.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS10	8:21:20	8.7	Bottom	3	1	17.13	8.18	32.06	90.7	7.2	7.2	5.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	IS10	8:20:42	8.7	Bottom	3	2	17.1	8.18	32.02	90.7	7.21	7.2	5.8
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR3	9:12:07	0.8	Middle	2	1	16.88	7.95	31.34	93.9	7.53	6.4	6.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR3	9:12:18	0.8	Middle	2	2	16.88	7.95	31.33	93.8	7.52	6.4	6.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR4	8:33:23	1.0	Surface	1	1	16.47	7.89	30.46	90.8	7.38	3.8	3.3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR4	8:32:58	1.0	Surface	1	2	16.5	7.89	30.49	91	7.39	3.9	3.3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR4	8:33:07	2.6	Bottom	3	1	16.57	7.89	30.61	91	7.37	4.2	3.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR4	8:32:48	2.6	Bottom	3	2	16.57	7.89	30.6	91.4	7.41	4	3.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR5	8:30:49	1.0	Surface	1	1	16.99	8.17	31.86	90.9	7.25	8.2	7.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR5	8:30:27	1.0	Surface	1	2	17.01	8.17	31.88	90.7	7.23	7.8	7.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR5	8:30:36	4.5	Bottom	3	1	17.06	8.17	32	90.8	7.23	7.7	8
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR5	8:30:17	4.5	Bottom	3	2	17.12	8.17	32.03	90.8	7.21	7	8
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:20:10	1.0	Surface	1	1	17.29	7.96	33.17	90.6	7.13	1.5	3.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:19:26	1.0	Surface	1	2	17.27	7.95	33.14	90.7	7.14	1.5	3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:19:58	3.4	Middle	2	1	17.32	7.96	33.2	90.5	7.12	1.5	2.9
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:19:16	3.4	Middle	2	2	17.32	7.96	33.19	90.8	7.14	1.5	2.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:19:05	5.7	Bottom	3	1	17.31	7.95	33.19	90.6	7.13	1.5	2.7
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10A	7:19:46	5.7	Bottom	3	2	17.32	7.96	33.2	90.5	7.11	1.4	3.3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10B	7:13:14	1.0	Surface	1	1	17.3	7.93	33.03	91	7.16	1.5	3.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10B	7:13:36	1.0	Surface	1	2	17.3	7.94	33.05	90.7	7.14	1.6	3.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10B	7:13:25	4.1	Bottom	3	1	17.3	7.94	33.05	90.8	7.15	1.5	3.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	SR10B	7:13:05	4.1	Bottom	3	2	17.3	7.93	33.03	91.2	7.18	1.5	3.2
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:44:23	1.0	Surface	1	1	17.05	8.19	31.92	91.4	7.28	6.7	4.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:45:14	1.0	Surface	1	2	17.04	8.19	31.91	91.4	7.28	7	5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:44:57	3.4	Middle	2	1	17.07	8.19	31.95	90.9	7.24	6.9	4.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:44:07	3.4	Middle	2	2	17.06	8.19	31.93	91	7.24	6.9	4.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:44:45	5.8	Bottom	3	1	17.18	8.19	32.22	91.1	7.23	7.2	5.1
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS2	9:43:51	5.8	Bottom	3	2	17.17	8.19	32.21	91	7.22	7.6	4.3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:59	1.0	Surface	1	1	17.22	7.95	32.58	90.2	7.13	2.4	2.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:22	1.0	Surface	1	2	17.13	7.94	32.41	90.3	7.16	2.5	2.3
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:51	6.5	Middle	2	1	17.32	7.95	33	90.2	7.1	2.5	2.5
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:11	6.5	Middle	2	2	17.33	7.94	33.03	90.1	7.09	2.5	2.6
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:41	12.0	Bottom	3	1	17.33	7.95	33.04	90.2	7.1	3.2	2.4
HKLR	HY/2011/03	2014-01-10	Mid-Ebb	Fine	CS(Mf)5	7:54:01	12.0	Bottom	3	2	17.33	7.94	33.03	90.2	7.1	3.2	2.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:25:45	1.0	Surface	1	1	16.81	7.96	31.25	94.8	7.61	21.9	25.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:25:12	1.0	Surface	1	2	16.82	7.96	31.26	94.7	7.61	22.4	25
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:25:03	4.3	Middle	2	1	16.82	7.96	31.27	94.6	7.59	22.7	24.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:25:32	4.3	Middle	2	2	16.82	7.96	31.27	94.4	7.59	22.5	25
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:25:22	7.5	Bottom	3	1	16.82	7.96	31.27	94.5	7.59	22.2	26.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS5	13:24:55	7.5	Bottom	3	2	16.82	7.96	31.28	94.6	7.6	22.6	26.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)6	13:32:31	1.0	Surface	1	1	16.83	7.95	31.28	96.1	7.71	15.6	17.1
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)6	13:32:12	1.0	Surface	1	2	16.83	7.95	31.29	96.2	7.73	15.4	16.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)6	13:32:01	2.1	Bottom	3	1	16.83	7.95	31.29	96.4	7.74	15.9	17.8
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)6	13:32:20	2.1	Bottom	3	2	16.83	7.95	31.29	96.1	7.72	15.5	17
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS7	13:38:56	1.0	Surface	1	1	16.86	7.94	31.27	96	7.7	13.1	15
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS7	13:39:11	1.0	Surface	1	2	16.86	7.94	31.27	95.8	7.69	12.9	15
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS7	13:38:48	2.2	Bottom	3	1	16.86	7.94	31.28	96.2	7.72	13.2	14.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS7	13:39:03	2.2	Bottom	3	2	16.86	7.94	31.28	95.8	7.69	13.6	15.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS8	14:00:10	1.0	Surface	1	1	17.07	7.96	31.64	93.3	7.44	7.5	5.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS8	14:00:30	1.0	Surface	1	2	17.07	7.96	31.64	93.3	7.44	7.4	6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS8	13:59:57	2.7	Bottom	3	1	17.07	7.95	31.68	93.3	7.43	7.4	5.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS8	14:00:20	2.7	Bottom	3	2	17.07	7.96	31.68	93.3	7.44	7.6	4.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)9	13:45:30	1.0	Surface	1	1	16.98	7.94	31.34	94.2	7.54	16.4	18
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)9	13:45:10	1.0	Surface	1	2	16.98	7.94	31.34	94.4	7.55	16.9	17.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)9	13:45:00	2.7	Bottom	3	1	16.98	7.94	31.37	94.7	7.57	17.6	17
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS(Mf)9	13:45:18	2.7	Bottom	3	2	16.98	7.94	31.37	94.3	7.55	17.2	17.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	14:00:15	1.0	Surface	1	1	17.15	8.22	31.75	90.5	7.2	5.7	4.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	14:01:00	1.0	Surface	1	2	17.15	8.22	31.74	90.8	7.22	5.5	4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	14:00:39	4.8	Middle	2	1	17.24	8.22	32.15	89.8	7.11	5.6	3.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	14:00:01	4.8	Middle	2	2	17.21	8.22	32.03	89.5	7.1	5.6	3.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	14:00:30	8.6	Bottom	3	1	17.26	8.22	32.22	90.3	7.15	5.5	4.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	IS10	13:59:48	8.6	Bottom	3	2	17.26	8.22	32.21	89.9	7.12	5.8	3.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR3	13:16:20	0.8	Middle	2	1	16.82	7.96	31.28	96.9	7.78	21.6	21.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR3	13:16:13	0.8	Middle	2	2	16.82	7.96	31.29	97.5	7.83	21.6	22.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR4	13:53:56	1.0	Surface	1	1	17.1	7.93	31.59	90.6	7.22	12.5	12.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR4	13:53:40	1.0	Surface	1	2	17.1	7.93	31.61	91.2	7.27	12.4	13.1
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR4	13:53:31	2.8	Bottom	3	1	17.11	7.93	31.61	91.7	7.31	12.7	15.1
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR4	13:53:48	2.8	Bottom	3	2	17.1	7.93	31.61	90.7	7.23	12.7	14.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR5	13:52:09	1.0	Surface	1	1	17.15	8.22	31.73	91.6	7.29	5.8	3.8
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR5	13:51:29	1.0	Surface	1	2	17.15	8.22	31.76	90.9	7.23	5.7	4.5
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR5	13:51:37	4.4	Bottom	3	1	17.17	8.22	31.93	90.9	7.22	5.7	4.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR5	13:51:15	4.4	Bottom	3	2	17.2	8.22	32.02	90.8	7.2	5.7	4.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:18	1.0	Surface	1	1	17.31	7.99	33.36	91.4	7.18	2.3	3.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:49	1.0	Surface	1	2	17.31	8	33.34	91.1	7.15	2.3	4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:09	3.3	Middle	2	1	17.31	7.99	33.36	91.4	7.18	2.2	4.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:34	3.3	Middle	2	2	17.31	8	33.35	91.1	7.16	2.3	4.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:03	5.6	Bottom	3	1	17.31	7.99	33.37	91.6	7.19	2.3	3.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10A	15:05:25	5.6	Bottom	3	2	17.31	8	33.35	91.2	7.16	2.3	3.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10B	15:13:39	1.0	Surface	1	1	17.31	8	33.32	90.7	7.12	1.4	3.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10B	15:13:18	1.0	Surface	1	2	17.31	8	33.32	90.7	7.13	1.5	2.6
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10B	15:13:29	4.4	Bottom	3	1	17.31	8	33.32	90.6	7.12	1.4	3.7
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	SR10B	15:13:09	4.4	Bottom	3	2	17.31	8	33.33	90.6	7.12	1.4	3.8
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:38:40	1.0	Surface	1	1	17.15	8.23	31.81	92.5	7.36	5.7	4.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:38:06	1.0	Surface	1	2	17.15	8.24	31.86	94.1	7.49	5.7	4.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:38:32	3.3	Middle	2	1	17.16	8.24	31.85	92.5	7.35	5.7	4.4
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:37:59	3.3	Middle	2	2	17.16	8.24	31.92	94.4	7.5	5.8	4.5
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:38:19	5.5	Bottom	3	1	17.18	8.24	32.05	93.2	7.4	5.8	4.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS2	12:37:45	5.5	Bottom	3	2	17.19	8.25	32.24	96.8	7.67	5.7	4.5
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:33:28	1.0	Surface	1	1	17.31	7.99	33.01	91.1	7.18	2.3	2.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:34:05	1.0	Surface	1	2	17.31	7.99	33.01	91	7.16	2.5	3.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:33:18	6.8	Middle	2	1	17.31	7.99	33.13	90.8	7.14	2.4	2.2
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:33:55	6.8	Middle	2	2	17.31	7.99	33.12	90.5	7.12	2.5	3.9
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:33:44	12.5	Bottom	3	1	17.31	7.99	33.18	90.8	7.14	2.8	2.3
HKLR	HY/2011/03	2014-01-10	Mid-Flood	Fine	CS(Mf)5	14:33:09	12.5	Bottom	3	2	17.31	7.99	33.18	91.1	7.16	2.7	2.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:57	1.0	Surface	1	1	16.75	8.04	32.26	97.9	7.82	5.5	6.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:16	1.0	Surface	1	2	16.8	8.03	32.28	98	7.8	5.7	7.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:41	4.6	Middle	2	1	16.92	8.03	32.34	97.2	7.74	6	7.3
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:09	4.6	Middle	2	2	16.87	8.03	32.33	97.5	7.78	6.2	6.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:33	8.1	Bottom	3	1	16.95	8.03	32.39	97.1	7.73	6.2	6.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS5	12:31:00	8.1	Bottom	3	2	16.9	8.03	32.39	97.5	7.77	6.3	6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)6	12:23:27	1.0	Surface	1	1	17.04	8.03	32.36	100.3	7.97	7.4	7.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)6	12:23:49	1.0	Surface	1	2	17.04	8.03	32.35	99.5	7.91	7.2	7.1
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)6	12:23:24	2.3	Bottom	3	1	17.04	8.03	32.36	100	7.94	7.7	8.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)6	12:23:34	2.3	Bottom	3	2	17.04	8.03	32.36	99.1	7.88	7.7	8.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS7	12:16:55	1.0	Surface	1	1	16.92	8.03	32.27	101.2	8.06	8.3	8.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS7	12:17:23	1.0	Surface	1	2	16.97	8.03	32.25	100.7	8.02	8.2	9.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS7	12:16:59	2.3	Bottom	3	1	16.94	8.03	32.26	100.3	7.99	8.7	9.3
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS7	12:16:51	2.3	Bottom	3	2	16.93	8.03	32.27	100.9	8.04	8.5	9.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS8	11:54:05	1.0	Surface	1	1	17.11	8.01	31.88	100.5	7.99	9.2	9.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS8	11:54:15	1.0	Surface	1	2	17.11	8.02	31.88	99.7	7.93	9.4	9.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS8	11:54:00	2.3	Bottom	3	1	17.11	8.01	31.87	100.1	7.97	9.3	13.3
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS8	11:54:11	2.3	Bottom	3	2	17.11	8.02	31.88	99.4	7.91	9.6	12.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)9	12:11:29	1.0	Surface	1	1	16.99	8.02	32.24	100.9	8.03	8	9.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)9	12:11:38	1.0	Surface	1	2	16.99	8.03	32.24	100.6	8	8.1	9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)9	12:11:26	2.3	Bottom	3	1	16.99	8.02	32.23	100.7	8.01	8.4	10
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS(Mf)9	12:11:34	2.3	Bottom	3	2	16.99	8.03	32.23	100.4	7.99	8.1	10.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:23:33	1.0	Surface	1	1	17.24	8.22	32.21	94.8	7.51	4.7	4.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:22:51	1.0	Surface	1	2	17.24	8.22	32.21	95.1	7.53	4.7	5.1
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:22:37	5.4	Middle	2	1	17.22	8.21	32.24	94.5	7.48	4.7	4.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:23:22	5.4	Middle	2	2	17.23	8.22	32.25	94.2	7.46	4.7	4.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:23:12	9.8	Bottom	3	1	17.25	8.22	32.32	94.6	7.49	4.6	5.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	IS10	11:22:23	9.8	Bottom	3	2	17.25	8.2	32.3	94.9	7.51	4.7	5.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR3	12:38:40	0.8	Middle	2	1	16.76	8.04	32.26	98.1	7.84	5.4	5.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR3	12:38:42	0.8	Middle	2	2	16.77	8.04	32.26	98.1	7.84	5.5	6.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR4	12:00:31	1.0	Surface	1	1	17.06	7.99	31.93	98.1	7.81	7	3.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR4	12:00:19	1.0	Surface	1	2	17.06	7.99	31.93	99.8	7.95	7	3.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR4	12:00:26	2.5	Bottom	3	1	17.06	7.99	31.93	97.5	7.77	7.1	5.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR4	12:00:15	2.5	Bottom	3	2	17.06	7.99	31.93	99	7.88	7	4.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR5	11:32:56	1.0	Surface	1	1	17.26	8.23	32.21	95.3	7.55	4.5	7.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR5	11:33:20	1.0	Surface	1	2	17.25	8.23	32.21	95.4	7.56	4.4	7.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR5	11:33:06	3.8	Bottom	3	1	17.24	8.23	32.22	95.2	7.54	4.4	7.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR5	11:32:42	3.8	Bottom	3	2	17.24	8.22	32.23	95.1	7.53	4.5	6.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:13:16	1.0	Surface	1	1	17.14	7.96	33.08	91.5	7.23	1.9	4.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:13:32	1.0	Surface	1	2	17.14	7.96	33.08	91.3	7.2	1.8	3.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:13:28	3.3	Middle	2	1	17.14	7.96	33.08	91.3	7.21	2	3.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:13:11	3.3	Middle	2	2	17.14	7.96	33.08	91.3	7.21	2	3.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:13:22	5.5	Bottom	3	1	17.15	7.96	33.07	91.2	7.2	2	3.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10A	10:12:48	5.5	Bottom	3	2	17.13	7.96	33.07	91.2	7.2	2.1	3.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10B	10:07:31	1.0	Surface	1	1	17.14	7.95	33	94.2	7.44	2	3.6
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10B	10:07:16	1.0	Surface	1	2	17.14	7.95	32.98	95.5	7.54	2	4.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10B	10:07:09	4.1	Bottom	3	1	17.14	7.95	32.97	94.9	7.5	2	3.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	SR10B	10:07:22	4.1	Bottom	3	2	17.14	7.95	32.99	93.7	7.4	2.1	3.5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:06:15	1.0	Surface	1	1	17.25	8.22	32.22	94.4	7.48	5.7	5.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:06:43	1.0	Surface	1	2	17.24	8.23	32.22	94.4	7.48	5.4	4.8
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:06:35	4.0	Middle	2	1	17.22	8.23	32.24	94.1	7.45	6.6	4.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:06:04	4.0	Middle	2	2	17.23	8.22	32.24	94	7.45	6.5	4.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:05:55	6.9	Bottom	3	1	17.21	8.22	32.27	93.9	7.44	7.9	4.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS2	13:06:26	6.9	Bottom	3	2	17.22	8.23	32.26	94.2	7.46	8	5
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:45:36	1.0	Surface	1	1	17.17	8	33.15	91.2	7.19	1.5	3.2
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:44:50	1.0	Surface	1	2	17.17	8	33.15	91.5	7.22	1.6	2.4
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:44:37	6.4	Middle	2	1	17.15	8	33.17	91.2	7.2	1.6	4.1
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:45:26	6.4	Middle	2	2	17.15	8	33.17	90.9	7.17	1.5	2.7
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:44:23	11.7	Bottom	3	1	17.15	7.99	33.18	91	7.18	1.6	3.9
HKLR	HY/2011/03	2014-01-13	Mid-Ebb	Sunny	CS(Mf)5	10:45:17	11.7	Bottom	3	2	17.15	8	33.17	90.7	7.15	1.6	5.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:39:25	1.0	Surface	1	1	17.06	8.04	32.38	98.1	7.79	6.1	9.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:38:57	1.0	Surface	1	2	17.06	8.04	32.38	98.2	7.8	6.1	8.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:39:18	4.5	Middle	2	1	17.03	8.03	32.4	97.9	7.77	6.2	10.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:38:51	4.5	Middle	2	2	17.02	8.03	32.4	98	7.78	6.2	10.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:39:13	8.0	Bottom	3	1	17.03	8.03	32.39	97.8	7.77	6.3	9.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS5	15:38:45	8.0	Bottom	3	2	17.03	8.03	32.39	97.9	7.77	6.3	9.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)6	15:46:47	1.0	Surface	1	1	17.08	8.04	32.29	101.8	8.08	9.2	11.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)6	15:47:14	1.0	Surface	1	2	17.07	8.04	32.31	101.5	8.06	9.1	10.7
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)6	15:46:56	2.3	Bottom	3	1	17.1	8.04	32.33	101.5	8.06	9.4	11
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)6	15:46:40	2.3	Bottom	3	2	17.08	8.04	32.29	101.8	8.09	9.2	11.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS7	15:53:08	1.0	Surface	1	1	17.12	8.03	32.27	101.3	8.04	10.4	10.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS7	15:52:55	1.0	Surface	1	2	17.11	8.03	32.28	101.8	8.08	10.5	10.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS7	15:52:51	2.3	Bottom	3	1	17.11	8.03	32.28	101.6	8.06	10.6	12.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS7	15:53:00	2.3	Bottom	3	2	17.12	8.03	32.28	101	8.02	10.6	13.5
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS8	15:17:02	1.0	Surface	1	1	17.27	8.02	31.93	101	8.01	11.9	16.7
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS8	15:17:19	1.0	Surface	1	2	17.27	8.02	31.93	100.2	7.94	11.7	15.3
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS8	15:17:08	2.4	Bottom	3	1	17.27	8.02	31.93	99.7	7.91	11.8	15.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS8	15:16:55	2.4	Bottom	3	2	17.27	8.02	31.93	100.6	7.97	12	16.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)9	15:58:58	1.0	Surface	1	1	17.07	8.05	32.29	103.3	8.21	7.6	5.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)9	15:59:52	1.0	Surface	1	2	17.08	8.05	32.29	103	8.18	7.7	6.9
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)9	15:59:02	2.4	Bottom	3	1	17.07	8.05	32.29	102.5	8.14	7.9	6.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS(Mf)9	15:58:52	2.4	Bottom	3	2	17.07	8.05	32.29	103.1	8.19	7.8	5.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:43:11	1.0	Surface	1	1	17.19	8.24	31.96	94.5	7.5	7.5	4.5
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:42:34	1.0	Surface	1	2	17.19	8.24	31.97	94.3	7.49	7.4	5.7
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:42:58	5.3	Middle	2	1	17.2	8.24	32.13	93.6	7.42	7.4	6.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:42:23	5.3	Middle	2	2	17.21	8.23	32.15	93.5	7.42	7.5	5.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:42:14	9.5	Bottom	3	1	17.22	8.23	32.41	94.3	7.46	7.9	7.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	IS10	16:42:48	9.5	Bottom	3	2	17.22	8.23	32.42	94.3	7.46	7.7	6.3
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR3	15:32:42	0.8	Middle	2	1	17.08	8.03	32.32	102.8	8.16	6.3	8.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR3	15:32:45	0.8	Middle	2	2	17.08	8.03	32.32	102.4	8.13	6.3	7.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR4	15:11:24	1.0	Surface	1	1	17.24	8.03	31.83	101.3	8.04	5.9	8.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR4	15:11:40	1.0	Surface	1	2	17.24	8.03	31.83	100.8	8	6	8.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR4	15:11:33	2.3	Bottom	3	1	17.24	8.03	31.82	100.6	7.99	6	8.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR4	15:11:20	2.3	Bottom	3	2	17.25	8.03	31.82	101.1	8.02	5.9	6.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR5	16:31:19	1.0	Surface	1	1	17.19	8.23	31.96	96.5	7.67	5.1	5.5
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR5	16:31:35	1.0	Surface	1	2	17.19	8.23	31.95	96.3	7.65	5.2	6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR5	16:31:12	3.6	Bottom	3	1	17.19	8.24	31.98	96.7	7.68	5.2	5.9
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR5	16:31:26	3.6	Bottom	3	2	17.19	8.23	31.97	96.4	7.65	5.5	5.5
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:08:27	1.0	Surface	1	1	17.15	8.03	33.29	92.5	7.29	1.6	4.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:07:59	1.0	Surface	1	2	17.15	8.03	33.29	93.3	7.35	1.6	4.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:07:53	3.2	Middle	2	1	17.15	8.03	33.3	93.1	7.34	1.6	3.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:08:17	3.2	Middle	2	2	17.15	8.03	33.3	92.4	7.29	1.6	3.5
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:07:46	5.3	Bottom	3	1	17.15	8.03	33.3	92.9	7.32	1.7	6.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10A	17:08:08	5.3	Bottom	3	2	17.15	8.03	33.3	92.4	7.29	1.6	5.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10B	17:09:56	1.0	Surface	1	1	17.15	8.04	33.3	94.2	7.43	2	2.9
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10B	17:10:10	1.0	Surface	1	2	17.15	8.04	33.3	93.3	7.35	2	2.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10B	17:09:51	3.8	Bottom	3	1	17.15	8.04	33.3	93.8	7.39	2	2.9
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	SR10B	17:10:02	3.8	Bottom	3	2	17.15	8.04	33.3	92.9	7.33	2.1	2.7
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:03:35	1.0	Surface	1	1	17.32	8.28	32.23	96.7	7.64	3.9	3.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:03:06	1.0	Surface	1	2	17.32	8.27	32.29	96.6	7.63	4	4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:03:24	4.0	Middle	2	1	17.31	8.27	32.27	96.4	7.62	3.9	4.2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:02:57	4.0	Middle	2	2	17.3	8.26	32.36	96.2	7.6	4.2	4.1
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:02:37	7.0	Bottom	3	1	17.28	8.28	32.47	98.2	7.76	4.5	4.8
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS2	15:03:17	7.0	Bottom	3	2	17.31	8.27	32.29	96.6	7.63	4.4	5.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:36:22	1.0	Surface	1	1	17.3	8.04	32.83	93.8	7.39	1.9	2.4
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:35:29	1.0	Surface	1	2	17.28	8.04	32.87	94.7	7.46	1.8	3
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:36:09	6.4	Middle	2	1	17.23	8.03	33.13	92.3	7.27	2.1	3
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:35:19	6.4	Middle	2	2	17.22	8.02	33.17	94	7.41	1.9	3.6
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:35:58	11.7	Bottom	3	1	17.21	8.02	33.21	92.2	7.26	2.2	2
HKLR	HY/2011/03	2014-01-13	Mid-Flood	Sunny	CS(Mf)5	16:35:09	11.7	Bottom	3	2	17.23	8.02	33.13	93.5	7.36	2	3.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:41:21	1.0	Surface	1	1	16.49	8.01	32.39	98.4	7.9	6.5	8.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:41:55	1.0	Surface	1	2	16.45	8.01	32.38	98.2	7.89	6.7	8.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:41:45	4.5	Middle	2	1	16.36	8.01	32.37	97.8	7.87	6.9	9.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:41:09	4.5	Middle	2	2	16.36	8	32.37	97.8	7.87	6.5	9.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:40:57	7.9	Bottom	3	1	16.39	8	32.36	97.8	7.87	6.9	9.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS5	11:41:35	7.9	Bottom	3	2	16.37	8	32.36	97.7	7.86	6.8	8.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)6	11:48:52	1.0	Surface	1	1	16.58	8.01	32.29	101.7	8.15	5.9	9.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)6	11:49:10	1.0	Surface	1	2	16.55	8.01	32.3	101.5	8.15	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	2014-01-15	Mid-Ebb	Sunny	IS(Mf)6	11:49:01	2.1	Bottom	3	1	16.48	8.01	32.29	101.3	8.14	6.2	8.9
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)6	11:48:39	2.1	Bottom	3	2	16.46	8.01	32.3	101.5	8.15	6.3	8.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS7	11:56:00	1.0	Surface	1	1	16.68	8.02	32.32	102	8.16	7.2	9.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS7	11:56:20	1.0	Surface	1	2	16.62	8.03	32.33	101.8	8.15	7.6	8.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS7	11:56:10	2.2	Bottom	3	1	16.54	8.02	32.33	101.6	8.15	7.5	11
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS7	11:55:46	2.2	Bottom	3	2	16.59	8.02	32.31	101.8	8.16	8	11.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS8	12:19:38	1.0	Surface	1	1	16.82	8.01	32.89	97.7	7.77	4.6	5.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS8	12:19:19	1.0	Surface	1	2	16.81	8.01	32.89	97.9	7.79	4.7	7.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS8	12:19:27	2.9	Bottom	3	1	16.79	8.01	32.89	97.7	7.78	4.9	6.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS8	12:19:09	2.9	Bottom	3	2	16.75	8.01	32.89	97.6	7.78	4.9	6.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)9	12:02:29	1.0	Surface	1	1	16.61	8.01	32.44	98.5	7.89	8.4	8.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)9	12:02:54	1.0	Surface	1	2	16.62	8.01	32.44	98.6	7.9	8.5	8.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)9	12:02:41	2.6	Bottom	3	1	16.59	8.01	32.44	98.5	7.89	8.6	8.3
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS(Mf)9	12:02:17	2.6	Bottom	3	2	16.58	8	32.47	98.5	7.89	8.6	10
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:18:45	1.0	Surface	1	1	16.61	8.24	32.94	94.9	7.57	10.2	9.8
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:19:24	1.0	Surface	1	2	16.76	8.24	32.9	95	7.57	10.2	10.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:18:38	5.6	Middle	2	1	16.62	8.24	33.02	94.7	7.56	10.2	10.7
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:19:10	5.6	Middle	2	2	16.62	8.24	33	94.4	7.53	10.3	9.8
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:18:30	10.2	Bottom	3	1	16.62	8.24	33.03	94.7	7.55	10.5	9.9
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	IS10	12:19:04	10.2	Bottom	3	2	16.62	8.24	33.04	94.3	7.52	10.5	11
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR3	11:31:09	0.7	Middle	2	1	16.57	7.98	32.4	99.9	8	5.6	5.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR3	11:31:16	0.7	Middle	2	2	16.55	7.98	32.4	99.7	7.99	5.7	5.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR4	12:13:08	1.0	Surface	1	1	16.62	7.98	32.66	98.2	7.85	6.3	7.9
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR4	12:13:25	1.0	Surface	1	2	16.63	7.99	32.66	97.2	7.77	6.1	9.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR4	12:13:16	2.7	Bottom	3	1	16.63	7.99	32.66	97.6	7.8	6.3	9
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR4	12:12:58	2.7	Bottom	3	2	16.55	7.97	32.71	98.7	7.9	6.6	8.7
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR5	12:05:28	1.0	Surface	1	1	16.59	8.24	32.93	95	7.59	10.3	9.8
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR5	12:04:45	1.0	Surface	1	2	16.62	8.24	32.92	95.3	7.61	10.4	10
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR5	12:04:31	4.1	Bottom	3	1	16.62	8.24	33.02	95.3	7.6	10.4	9.3
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR5	12:05:01	4.1	Bottom	3	2	16.63	8.24	33.03	95	7.58	10.5	10.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:33:44	1.0	Surface	1	1	16.79	8.05	33.26	97.7	7.75	1.5	3.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:33:08	1.0	Surface	1	2	16.79	8.05	33.25	97.7	7.76	1.5	4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:33:35	3.2	Middle	2	1	16.78	8.05	33.26	97.5	7.74	1.5	3.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:32:56	3.2	Middle	2	2	16.79	8.05	33.26	97.6	7.75	1.5	3.7
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:32:45	5.3	Bottom	3	1	16.78	8.05	33.26	97.5	7.74	1.4	3.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10A	13:33:27	5.3	Bottom	3	2	16.78	8.06	33.27	97.2	7.72	1.5	4.1
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10B	13:43:32	1.0	Surface	1	1	16.78	8.06	33.26	97.3	7.73	1.3	4.2
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10B	13:43:10	1.0	Surface	1	2	16.78	8.06	33.26	97.4	7.73	1.2	4.4
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10B	13:43:22	4.3	Bottom	3	1	16.78	8.06	33.26	97.2	7.72	1.2	4.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	SR10B	13:43:00	4.3	Bottom	3	2	16.78	8.06	33.26	97.2	7.71	1.3	4.6
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:08:37	1.0	Surface	1	1	16.81	8.26	33.21	97.9	7.78	6.2	8.3
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:09:14	1.0	Surface	1	2	16.79	8.27	33.18	95.5	7.59	6.4	9.1
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:08:24	4.0	Middle	2	1	16.69	8.26	33.25	96.1	7.63	6.4	10
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:08:57	4.0	Middle	2	2	16.68	8.27	33.21	95.4	7.59	6.6	8.9
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:08:51	7.0	Bottom	3	1	16.69	8.27	33.22	95.2	7.57	6.6	9.3
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS2	11:07:46	7.0	Bottom	3	2	16.69	8.26	33.36	95.9	7.63	6.7	10.3
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:05:17	1.0	Surface	1	1	16.85	8.06	33.28	97.1	7.7	2.4	5.7
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:05:56	1.0	Surface	1	2	16.84	8.06	33.28	97.1	7.7	2.3	6.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:05:41	6.3	Middle	2	1	16.81	8.06	33.29	96.5	7.66	2.5	7.1
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:05:03	6.3	Middle	2	2	16.81	8.05	33.28	96.5	7.66	2.6	6.5
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:05:31	11.5	Bottom	3	1	16.81	8.06	33.28	96.5	7.65	2.5	7.7
HKLR	HY/2011/03	2014-01-15	Mid-Ebb	Sunny	CS(Mf)5	13:04:49	11.5	Bottom	3	2	16.81	8.05	33.28	96.4	7.65	2.6	8.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:09:48	1.0	Surface	1	1	16.35	8.01	32.4	98.1	7.9	7.7	9.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:09:13	1.0	Surface	1	2	16.35	8.01	32.41	98.2	7.9	8	10.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:09:03	4.3	Middle	2	1	16.35	8	32.41	97.9	7.88	7.5	10.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:09:37	4.3	Middle	2	2	16.35	8.01	32.41	97.8	7.87	7.5	9.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:08:54	7.6	Bottom	3	1	16.35	8	32.41	97.9	7.88	7.5	9
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS5	8:09:25	7.6	Bottom	3	2	16.36	8.01	32.42	97.7	7.86	7.7	9.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)6	8:01:31	1.0	Surface	1	1	16.26	8	32.39	98.3	7.93	12.2	13.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)6	8:01:11	1.0	Surface	1	2	16.26	7.99	32.39	98.6	7.95	12.9	14.7
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)6	8:01:00	2.3	Bottom	3	1	16.26	7.99	32.4	98.7	7.96	13.8	14.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)6	8:01:19	2.3	Bottom	3	2	16.25	7.99	32.4	98.3	7.93	13.4	13.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS7	7:54:48	1.0	Surface	1	1	16.22	7.99	32.36	98.3	7.93	12.6	14.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS7	7:55:11	1.0	Surface	1	2	16.19	8	32.35	98.3	7.94	12.4	13.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS7	7:54:37	2.1	Bottom	3	1	16.23	7.99	32.4	98.3	7.93	12.7	18.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS7	7:54:57	2.1	Bottom	3	2	16.22	7.99	32.36	98.2	7.92	12.7	19.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS8	7:31:19	1.0	Surface	1	1	16.6	7.99	32.56	96.6	7.73	9.2	9.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS8	7:30:58	1.0	Surface	1	2	16.61	7.99	32.56	96.8	7.74	9.2	9.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS8	7:31:07	2.9	Bottom	3	1	16.61	7.99	32.56	96.7	7.74	9.4	9.3
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS8	7:30:43	2.9	Bottom	3	2	16.61	7.98	32.57	96.8	7.75	9.6	10.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)9	7:48:23	1.0	Surface	1	1	16.5	7.99	32.46	97.4	7.82	20.6	22.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)9	7:48:41	1.0	Surface	1	2	16.51	7.99	32.46	97.2	7.8	20.1	23.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)9	7:48:06	2.7	Bottom	3	1	16.5	7.98	32.46	97.5	7.82	21.1	22.3
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS(Mf)9	7:48:31	2.7	Bottom	3	2	16.51	7.99	32.46	97.2	7.8	20.5	23.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:23:56	1.0	Surface	1	1	16.61	8.19	33.1	95.1	7.59	13.1	22
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:22:42	1.0	Surface	1	2	16.59	8.18	33.12	95.3	7.6	13.2	22.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:23:16	5.6	Middle	2	1	16.59	8.18	33.12	94.9	7.58	13.4	22.1
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:22:35	5.6	Middle	2	2	16.59	8.18	33.13	95.3	7.6	13.5	22.9
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:23:04	10.2	Bottom	3	1	16.55	8.18	33.17	94.7	7.55	13.7	23.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	IS10	7:22:24	10.2	Bottom	3	2	16.57	8.19	33.15	95.2	7.59	13.6	23.1
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR3	8:18:31	0.7	Middle	2	1	16.35	8.02	32.4	98.3	7.91	7.3	10.9
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR3	8:18:38	0.7	Middle	2	2	16.35	8.02	32.4	98.1	7.9	7.4	10.3
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR4	7:38:24	1.0	Surface	1	1	16.58	7.98	32.45	96.5	7.73	6.3	10.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR4	7:38:06	1.0	Surface	1	2	16.59	7.98	32.44	98.1	7.86	6.2	10.9
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR4	7:38:14	2.7	Bottom	3	1	16.59	7.98	32.45	97.2	7.79	6.3	11.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR4	7:37:54	2.7	Bottom	3	2	16.57	7.99	32.46	100.1	8.02	6.3	12.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR5	7:28:06	1.0	Surface	1	1	16.6	8.18	33.1	94.6	7.55	14.5	18.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR5	7:27:42	1.0	Surface	1	2	16.61	8.18	33.09	94.6	7.54	14.2	17.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR5	7:27:58	3.8	Bottom	3	1	16.6	8.18	33.11	94.5	7.53	14.6	17.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR5	7:27:20	3.8	Bottom	3	2	16.62	8.19	33.12	94.5	7.53	14.3	17.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:34:34	1.0	Surface	1	1	16.76	8.04	33.37	96.2	7.64	2.3	4.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:35:04	1.0	Surface	1	2	16.77	8.05	33.37	95.9	7.61	2.2	4.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:34:24	3.4	Middle	2	1	16.76	8.04	33.38	96.2	7.64	2.5	6.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:34:55	3.4	Middle	2	2	16.77	8.04	33.37	95.8	7.61	2.4	7.2
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:34:15	5.7	Bottom	3	1	16.75	8.04	33.38	96.3	7.64	2.5	6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10A	6:34:45	5.7	Bottom	3	2	16.77	8.04	33.37	95.8	7.6	2.4	6.3
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10B	6:28:40	1.0	Surface	1	1	16.76	8.05	33.39	96.9	7.69	5.1	6.8
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10B	6:28:19	1.0	Surface	1	2	16.75	8.04	33.39	97.2	7.71	5.1	6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10B	6:28:10	4.0	Bottom	3	1	16.76	8.03	33.4	97.3	7.72	5.4	7.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	SR10B	6:28:30	4.0	Bottom	3	2	16.76	8.04	33.4	96.8	7.69	5.2	6.1
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:33:54	1.0	Surface	1	1	16.51	8.18	33.13	95	7.59	15.2	20.7
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:34:14	1.0	Surface	1	2	16.5	8.19	33.13	95	7.59	15.1	21.1
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:33:46	4.1	Middle	2	1	16.51	8.19	33.15	94.8	7.57	15.3	20.4
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:34:07	4.1	Middle	2	2	16.51	8.19	33.15	95	7.59	15.3	20.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:33:39	7.1	Bottom	3	1	16.51	8.19	33.16	94.8	7.57	15.3	23.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS2	8:34:00	7.1	Bottom	3	2	16.5	8.18	33.14	94.9	7.58	15.6	21.6
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:02:57	1.0	Surface	1	1	16.72	8	33.15	94.7	7.53	8.1	10
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:03:38	1.0	Surface	1	2	16.73	8.02	33.14	94.8	7.54	8.1	9.9
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:02:45	6.2	Middle	2	1	16.76	8	33.16	94.3	7.49	8.3	10
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:03:22	6.2	Middle	2	2	16.77	8.01	33.16	94.2	7.49	8.4	10.5
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:03:13	11.3	Bottom	3	1	16.78	8	33.17	94.3	7.49	8.4	11
HKLR	HY/2011/03	2014-01-15	Mid-Flood	Fine	CS(Mf)5	7:02:36	11.3	Bottom	3	2	16.78	8	33.18	94.4	7.5	8.4	9.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:49	1.0	Surface	1	1	16.44	8.02	32.77	102.4	8.21	8	5.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:22	1.0	Surface	1	2	16.44	8.02	32.77	102.4	8.21	8	4.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:42	4.6	Middle	2	1	16.43	8.02	32.79	102.3	8.2	8.4	5.7
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:14	4.6	Middle	2	2	16.43	8.01	32.81	102.2	8.2	8.4	5.8
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:08	8.2	Bottom	3	1	16.44	8.01	32.81	102.1	8.19	8.5	5.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS5	12:27:34	8.2	Bottom	3	2	16.43	8.02	32.8	102.1	8.19	8.6	6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)6	12:33:52	1.0	Surface	1	1	16.61	8.03	32.72	103.7	8.29	10.9	4.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)6	12:33:10	1.0	Surface	1	2	16.54	8.03	32.76	103	8.25	10.8	5
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)6	12:33:22	2.4	Bottom	3	1	16.55	8.03	32.75	103.1	8.25	11	4.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)6	12:33:05	2.4	Bottom	3	2	16.53	8.03	32.74	102.8	8.23	10.8	5
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS7	12:39:20	1.0	Surface	1	1	16.73	8.05	32.7	105.6	8.42	14.5	6.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS7	12:39:04	1.0	Surface	1	2	16.71	8.05	32.72	105	8.37	14.2	6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS7	12:39:00	2.4	Bottom	3	1	16.77	8.05	32.69	104.7	8.35	14.6	7.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS7	12:39:09	2.4	Bottom	3	2	16.73	8.05	32.7	105.2	8.39	14.7	6.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS8	13:00:49	1.0	Surface	1	1	16.73	8.07	32.73	105.6	8.42	6.6	4.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS8	13:00:35	1.0	Surface	1	2	16.76	8.07	32.72	105.5	8.41	6.9	4.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS8	13:00:26	2.4	Bottom	3	1	16.71	8.07	32.73	105	8.38	6.9	4.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS8	13:00:38	2.4	Bottom	3	2	16.78	8.07	32.7	105.5	8.41	6.6	3.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)9	12:45:33	1.0	Surface	1	1	16.93	8.05	32.65	104.9	8.34	14.2	9.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)9	12:45:15	1.0	Surface	1	2	16.86	8.05	32.67	104.5	8.31	14.1	9.1
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)9	12:45:19	2.5	Bottom	3	1	16.89	8.05	32.64	104.4	8.3	14.5	11.1
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS(Mf)9	12:45:03	2.5	Bottom	3	2	16.8	8.05	32.66	103.8	8.27	14.8	10.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:57	1.0	Surface	1	1	16.78	8.3	32.45	98.4	7.85	4.4	3.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:20	1.0	Surface	1	2	16.77	8.3	32.47	98.4	7.85	4.7	3.7
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:09	5.3	Middle	2	1	16.75	8.31	32.62	98.2	7.83	4.7	3.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:44	5.3	Middle	2	2	16.75	8.31	32.59	98.1	7.83	4.5	3.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:00	9.6	Bottom	3	1	16.75	8.31	32.66	97.9	7.81	4.8	2.9
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	IS10	13:43:35	9.6	Bottom	3	2	16.75	8.31	32.65	97.8	7.8	4.8	3.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR3	12:20:43	0.8	Middle	2	1	16.46	8.01	32.84	103	8.26	8.2	5.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR3	12:20:40	0.8	Middle	2	2	16.46	8.01	32.84	103	8.25	8.3	4.8
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR4	12:55:18	1.0	Surface	1	1	16.63	8.05	32.69	102.5	8.19	7.8	6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR4	12:55:35	1.0	Surface	1	2	16.64	8.05	32.69	102.9	8.22	8.1	5.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR4	12:55:12	2.3	Bottom	3	1	16.63	8.05	32.69	102.4	8.18	7.8	6.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR4	12:55:24	2.3	Bottom	3	2	16.63	8.05	32.7	102.6	8.2	8.3	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR5	13:32:51	1.0	Surface	1	1	16.77	8.3	32.47	98.3	7.84	4.5	5.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR5	13:33:10	1.0	Surface	1	2	16.77	8.3	32.46	98.2	7.84	4.8	3.5
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR5	13:32:42	3.6	Bottom	3	1	16.75	8.3	32.55	98	7.82	4.7	3.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR5	13:33:00	3.6	Bottom	3	2	16.75	8.3	32.53	98.1	7.83	4.6	2.9
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:32	1.0	Surface	1	1	16.72	8.06	33.09	98.4	7.83	2.3	2.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:55	1.0	Surface	1	2	16.72	8.06	33.1	98.2	7.82	2.4	2.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:47	3.2	Middle	2	1	16.72	8.06	33.13	98.1	7.8	2.6	3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:21	3.2	Middle	2	2	16.7	8.06	33.13	98.2	7.82	2.3	2.9
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:43	5.4	Bottom	3	1	16.72	8.06	33.12	98	7.8	2.6	2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10A	13:58:16	5.4	Bottom	3	2	16.7	8.06	33.12	98.2	7.82	2.3	2.1
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10B	14:06:00	1.0	Surface	1	1	16.86	8.06	33.11	99.1	7.87	1.7	2.6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10B	14:06:11	1.0	Surface	1	2	16.82	8.06	33.11	99.1	7.87	1.8	2.9
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10B	14:05:52	3.6	Bottom	3	1	16.82	8.06	33.12	98.9	7.85	1.7	3.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	SR10B	14:06:04	3.6	Bottom	3	2	16.86	8.06	33.09	99.1	7.86	1.8	5.1
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:06:16	1.0	Surface	1	1	16.57	8.35	33.08	98.8	7.88	7.2	6
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:06:47	1.0	Surface	1	2	16.57	8.35	32.97	98.6	7.88	7	6.3
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:06:06	4.2	Middle	2	1	16.52	8.36	33.11	98.4	7.86	7.5	4.8
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:06:37	4.2	Middle	2	2	16.49	8.35	32.99	98.2	7.86	7.2	4.5
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:05:44	7.4	Bottom	3	1	16.47	8.37	33.22	98.4	7.86	7.7	4.7
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS2	12:06:27	7.4	Bottom	3	2	16.52	8.35	33	98.4	7.87	7.4	4.9
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:30:09	1.0	Surface	1	1	16.87	8.07	33.09	99.9	7.93	5.5	3.2
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:30:53	1.0	Surface	1	2	16.85	8.07	33.1	99.2	7.87	5.3	3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:30:46	6.5	Middle	2	1	16.75	8.06	33.16	98.4	7.83	5.6	2.7
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:30:01	6.5	Middle	2	2	16.77	8.06	33.15	99.4	7.9	5.6	2.4
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:30:37	12.0	Bottom	3	1	16.69	8.06	33.17	98.3	7.82	5.8	3.1
HKLR	HY/2011/03	2014-01-17	Mid-Ebb	Sunny	CS(Mf)5	13:29:51	12.0	Bottom	3	2	16.79	8.06	33.12	99.2	7.89	5.9	2.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:15	1.0	Surface	1	1	16.32	8.07	32.92	101	8.11	11	4.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:53	1.0	Surface	1	2	16.32	8.07	32.9	100.9	8.1	11.5	5.2
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:10	4.6	Middle	2	1	16.33	8.08	32.94	100.8	8.09	11.6	6.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:45	4.6	Middle	2	2	16.33	8.08	32.94	100.7	8.08	11.8	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:37	8.1	Bottom	3	1	16.34	8.08	32.95	100.6	8.07	11.8	5.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS5	8:32:02	8.1	Bottom	3	2	16.33	8.07	32.94	100.7	8.08	11.7	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)6	8:24:36	1.0	Surface	1	1	16.37	8.06	32.98	100.7	8.07	14.3	5.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)6	8:24:01	1.0	Surface	1	2	16.35	8.06	33.01	101.3	8.12	14.2	5.2
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)6	8:23:56	2.4	Bottom	3	1	16.35	8.06	33.01	101	8.1	14.6	5.5
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)6	8:24:10	2.4	Bottom	3	2	16.35	8.06	33.01	100.6	8.07	14.4	4.9
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS7	8:18:01	1.0	Surface	1	1	16.41	8.06	32.92	101.1	8.1	12.4	7.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS7	8:17:43	1.0	Surface	1	2	16.41	8.06	32.94	101.5	8.14	12.5	8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS7	8:17:47	2.3	Bottom	3	1	16.41	8.06	32.94	100.9	8.09	12.6	8.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS7	8:17:39	2.3	Bottom	3	2	16.41	8.06	32.94	101.3	8.12	12.7	6.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS8	7:55:23	1.0	Surface	1	1	16.42	8.06	32.89	100.6	8.06	8.8	3.8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS8	7:55:01	1.0	Surface	1	2	16.44	8.05	32.89	100.9	8.08	9	3.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS8	7:54:57	2.4	Bottom	3	1	16.44	8.05	32.89	100.8	8.08	9	3.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS8	7:55:06	2.4	Bottom	3	2	16.44	8.05	32.89	100.6	8.06	9	3.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)9	8:12:17	1.0	Surface	1	1	16.44	8.06	32.84	100.8	8.08	24.4	10.5
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)9	8:12:51	1.0	Surface	1	2	16.43	8.06	32.82	100.7	8.07	23	9.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)9	8:12:32	2.5	Bottom	3	1	16.44	8.06	32.87	100.4	8.04	23.4	16.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS(Mf)9	8:12:13	2.5	Bottom	3	2	16.43	8.06	32.84	100.7	8.07	25.1	14.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:30:37	1.0	Surface	1	1	16.49	8.3	32.74	97.6	7.82	10.1	6.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:31:22	1.0	Surface	1	2	16.49	8.3	32.74	97.5	7.81	10.4	5.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:30:20	5.4	Middle	2	1	16.47	8.3	32.77	97.3	7.79	10.8	6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:31:05	5.4	Middle	2	2	16.47	8.3	32.77	97.2	7.79	10.5	4.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:30:52	9.8	Bottom	3	1	16.47	8.3	32.77	97	7.77	11.6	5.2
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	IS10	8:30:07	9.8	Bottom	3	2	16.48	8.3	32.77	97.2	7.79	11.5	6.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR3	8:39:42	0.7	Middle	2	1	16.32	8.06	32.89	100.9	8.1	12.2	7.2
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR3	8:39:45	0.7	Middle	2	2	16.32	8.06	32.89	100.9	8.11	11.9	5.9
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR4	8:01:06	1.0	Surface	1	1	16.35	8.05	32.8	100	8.03	11.9	4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR4	8:01:30	1.0	Surface	1	2	16.35	8.05	32.8	99.8	8.02	11.7	4.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR4	8:01:10	2.4	Bottom	3	1	16.35	8.05	32.8	99.7	8.01	11.8	5.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR4	8:01:01	2.4	Bottom	3	2	16.35	8.05	32.8	99.8	8.02	11.9	5.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR5	8:39:05	1.0	Surface	1	1	16.49	8.3	32.74	97.5	7.81	8.4	6.8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR5	8:39:24	1.0	Surface	1	2	16.49	8.3	32.74	97.5	7.81	8.4	4.8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR5	8:39:13	3.7	Bottom	3	1	16.48	8.3	32.75	97.4	7.8	8.6	6.5
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR5	8:38:53	3.7	Bottom	3	2	16.48	8.3	32.75	97.3	7.8	8.3	7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:57:27	1.0	Surface	1	1	16.65	8.02	33.13	97.9	7.8	5.6	6.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:56:45	1.0	Surface	1	2	16.65	8.02	33.12	98.4	7.84	5.6	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:57:19	3	Middle	2	1	16.65	8.02	33.13	97.7	7.78	5.7	7.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:56:41	3	Middle	2	2	16.65	8.02	33.12	98.2	7.83	5.7	6.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:57:08	5	Bottom	3	1	16.65	8.03	33.13	97.6	7.78	5.7	6.8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10A	6:56:32	5	Bottom	3	2	16.65	8.01	33.12	98.1	7.82	5.9	5.8
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10B	6:51:16	1.0	Surface	1	1	16.63	7.98	33.02	99	7.89	5.6	6.5
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10B	6:51:28	1.0	Surface	1	2	16.63	7.99	33.04	98.5	7.85	5.8	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10B	6:51:21	4.3	Bottom	3	1	16.63	7.98	33.03	98.3	7.84	5.9	5.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	SR10B	6:51:08	4.3	Bottom	3	2	16.63	7.98	33	98.7	7.87	5.9	5.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:02:52	1.0	Surface	1	1	16.44	8.3	32.75	97.7	7.83	11.3	9.3
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:02:06	1.0	Surface	1	2	16.43	8.3	32.75	97.7	7.84	11.5	8.9
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:02:36	4.3	Middle	2	1	16.43	8.3	32.76	97.4	7.81	12.3	8.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:01:54	4.3	Middle	2	2	16.43	8.3	32.76	97.3	7.81	12.2	7.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:01:36	7.5	Bottom	3	1	16.43	8.3	32.76	97.1	7.79	12.3	9.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS2	10:02:20	7.5	Bottom	3	2	16.43	8.3	32.76	97.3	7.81	12.5	10
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:25:01	1.0	Surface	1	1	16.65	8.05	33.08	99.2	7.91	12.3	5.2
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:24:26	1.0	Surface	1	2	16.65	8.05	33.08	99.3	7.92	12.2	6.1
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:24:09	6.8	Middle	2	1	16.65	8.05	33.09	98.7	7.87	12.2	6.7
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:24:49	6.8	Middle	2	2	16.65	8.05	33.09	98.8	7.87	12.5	7.4
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:24:02	12.5	Bottom	3	1	16.65	8.05	33.09	98.6	7.86	12.5	6.6
HKLR	HY/2011/03	2014-01-17	Mid-Flood	Sunny	CS(Mf)5	7:24:37	12.5	Bottom	3	2	16.65	8.05	33.08	98.7	7.87	12.8	7.1
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:27	1.0	Surface	1	1	16.57	7.98	32.59	105.8	8.47	4.8	5.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:56	1.0	Surface	1	2	16.56	7.98	32.56	105.5	8.45	4.8	6.4
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:47	4.4	Middle	2	1	16.51	7.98	32.61	105.4	8.45	4.7	6.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:18	4.4	Middle	2	2	16.52	7.97	32.63	105.6	8.46	4.8	5.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:37	7.7	Bottom	3	1	16.53	7.98	32.61	105.6	8.46	4.8	6.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS5	14:16:07	7.7	Bottom	3	2	16.54	7.97	32.61	105.9	8.48	4.7	7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)6	14:24:07	1.0	Surface	1	1	16.69	8	32.51	107.2	8.56	8.6	5.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)6	14:23:49	1.0	Surface	1	2	16.71	8	32.49	107.1	8.56	8.8	6.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)6	14:23:40	2.2	Bottom	3	1	16.71	8	32.51	107	8.54	8.4	6.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)6	14:23:58	2.2	Bottom	3	2	16.64	8	32.51	106.9	8.55	8.5	7.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS7	14:30:05	1.0	Surface	1	1	16.69	8	32.47	107.2	8.56	17.5	9.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS7	14:29:49	1.0	Surface	1	2	16.79	8	32.46	106.9	8.53	17.1	10.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS7	14:29:37	2.1	Bottom	3	1	16.69	7.99	32.47	106.6	8.52	18.1	10.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS7	14:29:55	2.1	Bottom	3	2	16.73	8	32.48	106.7	8.52	18.6	9.6
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS8	14:51:54	1.0	Surface	1	1	17.03	8.01	32.4	107	8.5	4.5	3.6
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS8	14:52:12	1.0	Surface	1	2	16.93	8.01	32.38	106.8	8.5	4.5	4.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS8	14:52:02	2.9	Bottom	3	1	16.86	8.01	32.33	106.3	8.47	5.2	5.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS8	14:51:43	2.9	Bottom	3	2	16.9	8.01	32.33	106.1	8.45	5.1	4.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)9	14:36:21	1.0	Surface	1	1	17.06	8.03	32.53	110.9	8.8	3.5	4.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)9	14:36:06	1.0	Surface	1	2	17.09	8.03	32.51	110.7	8.78	3.6	3.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)9	14:35:58	2.8	Bottom	3	1	17	8.03	32.46	109.5	8.7	3.7	4.4
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS(Mf)9	14:36:13	2.8	Bottom	3	2	17.07	8.03	32.44	110	8.73	3.6	5.1
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:07:33	1.0	Surface	1	1	16.66	7.99	32.7	106.8	8.53	4.5	4.4
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:07:27	1.0	Surface	1	2	16.65	7.99	32.72	106.4	8.5	4.6	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:45:42	1.9	Middle	2	1	16.99	7.99	32.34	105	8.35	3.8	4.6
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:45:59	1.9	Middle	2	2	16.99	7.99	32.34	105.1	8.36	3.5	4.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:45:30	2.8	Bottom	3	1	16.98	7.99	32.37	104.8	8.33	3.8	7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	IS10	14:45:49	2.8	Bottom	3	2	16.98	7.99	32.37	105	8.35	3.9	7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR3	16:03:33	1.0	Middle	2	1	16.73	7.99	32.79	96.5	7.69	2.1	6.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR3	16:03:03	1.0	Middle	2	2	16.73	7.99	32.79	96.5	7.7	2.1	5.1
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR4	16:03:23	1.0	Surface	1	1	16.73	7.99	32.83	96.4	7.68	2.2	5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR4	16:02:51	1.0	Surface	1	2	16.73	7.99	32.83	96.4	7.68	2.2	3.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR4	16:03:12	5.4	Bottom	3	1	16.73	7.99	32.83	96.4	7.68	2.5	6.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR4	16:02:43	5.4	Bottom	3	2	16.73	7.99	32.84	96.5	7.69	2.6	5.8
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR5	16:12:56	1.0	Surface	1	1	16.72	8	32.8	96.2	7.67	2.1	3.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR5	16:12:41	1.0	Surface	1	2	16.72	7.99	32.8	96.3	7.68	2.1	3.9
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR5	16:12:32	3.7	Bottom	3	1	16.73	8	32.82	96.2	7.67	2.1	3.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR5	16:12:47	3.7	Bottom	3	2	16.72	8	32.82	96.1	7.66	2.2	4.6
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:31:19	1.0	Surface	1	1	16.94	7.99	32.5	98.6	7.84	2.5	3.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:31:57	1.0	Surface	1	2	16.91	8	32.53	98.4	7.83	2.4	4.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:31:46	6.4	Middle	2	1	16.76	7.99	32.76	97.4	7.76	2.5	5.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:31:05	6.4	Middle	2	2	16.74	7.99	32.76	97.3	7.75	2.4	5.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:30:50	11.7	Bottom	3	1	16.7	7.98	32.82	97.8	7.8	2.7	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10A	15:31:34	11.7	Bottom	3	2	16.73	7.99	32.78	97.9	7.81	2.7	5.6
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10B	10:28:53	1.0	Surface	1	1	16.31	8.05	32.7	102.6	8.25	4.6	4.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10B	10:28:15	1.0	Surface	1	2	16.29	8.04	32.71	102.6	8.25	4.7	5.9
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10B	10:28:41	4.2	Bottom	3	1	16.29	8.05	32.71	102.3	8.23	4.6	5.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	SR10B	10:28:04	4.2	Bottom	3	2	16.28	8.04	32.71	102.2	8.22	4.7	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	2014-01-20	Mid-Ebb	Sunny	CS2	10:28:29	1.0	Surface	1	1	16.29	8.04	32.71	102.2	8.22	4.5	4.9
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS2	10:27:53	1.0	Surface	1	2	16.29	8.04	32.71	102.1	8.21	4.6	5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS2	10:20:01	1.6	Middle	2	1	16.47	8.03	32.72	105.1	8.42	5.5	4.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS2	10:19:46	1.6	Middle	2	2	16.46	8.03	32.71	105	8.41	5.5	3.7
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS2	10:19:37	2.2	Bottom	3	1	16.42	8.03	32.7	104.7	8.4	5.3	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS2	10:19:54	2.2	Bottom	3	2	16.43	8.03	32.7	104.9	8.41	5.4	5.5
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	10:13:18	1.0	Surface	1	1	16.58	8.01	32.69	104.3	8.35	8.6	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	10:13:36	1.0	Surface	1	2	16.55	8.02	32.68	104.2	8.34	8.5	3.2
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	10:13:09	1.1	Middle	2	1	16.49	8.01	32.68	104.1	8.34	8.6	4.9
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	10:13:27	1.1	Middle	2	2	16.52	8.02	32.68	104.1	8.34	8.6	3
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	9:48:10	1.1	Bottom	3	1	16.49	8.01	32.6	102.1	8.19	5.5	4.4
HKLR	HY/2011/03	2014-01-20	Mid-Ebb	Sunny	CS(Mf)5	9:48:29	1.1	Bottom	3	2	16.49	8.01	32.6	102.1	8.18	5.6	3.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	9:48:02	1.0	Surface	1	1	16.49	8	32.6	102.1	8.19	5.7	4.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	9:48:21	1.0	Surface	1	2	16.49	8.01	32.61	102	8.18	5.4	4.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	10:06:26	1.8	Middle	2	1	16.46	8.03	32.75	105.3	8.44	13.5	5.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	10:06:07	1.8	Middle	2	2	16.46	8.03	32.74	105.4	8.45	13	5.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	10:05:55	2.5	Bottom	3	1	16.46	8.03	32.74	105.6	8.46	13.3	6.9
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS5	10:06:17	2.5	Bottom	3	2	16.45	8.03	32.75	105.2	8.44	13.7	5.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)6	10:34:33	1.0	Surface	1	1	16.3	8.05	32.7	103	8.28	4.8	5.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)6	10:34:43	1.0	Surface	1	2	16.31	8.05	32.7	103	8.29	4.5	5.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)6	9:55:21	1.0	Bottom	3	1	16.51	8.01	32.58	100.7	8.07	4.2	7.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)6	9:55:32	1.0	Bottom	3	2	16.51	8.01	32.58	100.3	8.04	4.1	6.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS7	9:55:10	1.0	Surface	1	1	16.5	8.01	32.58	101.1	8.1	4	7.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS7	9:55:25	1.0	Surface	1	2	16.51	8.01	32.58	100.4	8.04	4.2	7.1
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS7	8:45:04	1.1	Bottom	3	1	16.6	7.98	32.67	96.8	7.74	3.5	9
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS7	8:45:27	1.1	Bottom	3	2	16.6	7.98	32.67	97	7.76	3.5	9.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS8	8:45:20	1.0	Surface	1	1	16.6	7.98	32.69	96.7	7.73	3.5	4.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS8	8:44:56	1.0	Surface	1	2	16.61	7.98	32.73	96.7	7.73	3.4	5.9
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS8	8:44:49	5.6	Bottom	3	1	16.61	7.97	32.72	96.9	7.74	3.5	5.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS8	8:45:11	5.6	Bottom	3	2	16.6	7.98	32.71	96.8	7.74	3.5	6.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)9	8:38:28	1.0	Surface	1	1	16.61	7.95	32.61	97.6	7.81	3.5	15.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)9	8:38:46	1.0	Surface	1	2	16.6	7.96	32.61	97.5	7.8	3.5	15.6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)9	8:38:36	4.4	Bottom	3	1	16.6	7.96	32.62	97.4	7.79	3.5	17.1
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS(Mf)9	8:38:17	4.4	Bottom	3	2	16.61	7.95	32.61	97.5	7.8	3.6	15
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:14:35	1.0	Surface	1	1	16.48	7.98	32.4	98.2	7.88	5.4	9.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:13:47	1.0	Surface	1	2	16.47	7.98	32.41	98.2	7.89	5.5	9.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:13:37	6.6	Middle	2	1	16.49	7.98	32.52	97.9	7.85	8.4	11.2
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:14:22	6.6	Middle	2	2	16.49	7.98	32.52	97.7	7.84	8.6	11.6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:14:12	12.1	Bottom	3	1	16.49	7.98	32.53	97.6	7.83	9.6	13.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	IS10	9:13:26	12.1	Bottom	3	2	16.49	7.97	32.52	97.8	7.84	9.5	14.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR3	15:12:24	1.0	Middle	2	1	16.96	8.28	31.36	97.8	7.83	3	6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR3	15:13:18	1.0	Middle	2	2	16.89	8.29	31.5	97.9	7.84	3.2	7.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR4	15:11:58	1.0	Surface	1	1	16.51	8.32	32.33	96.8	7.77	3.9	4.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR4	15:13:02	1.0	Surface	1	2	16.48	8.32	32.35	96.9	7.79	4.1	4.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR4	15:12:54	8.7	Bottom	3	1	16.49	8.32	32.34	96.8	7.78	4.4	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR4	15:11:46	8.7	Bottom	3	2	16.45	8.32	32.36	96.6	7.76	4.1	6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR5	15:04:24	1.0	Surface	1	1	16.96	8.28	31.33	97.8	7.83	3.3	11.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR5	15:04:55	1.0	Surface	1	2	16.94	8.28	31.38	97.8	7.83	3.1	11.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR5	15:04:38	4.5	Bottom	3	1	16.54	8.3	32.22	96.9	7.78	3.5	10.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR5	15:04:04	4.5	Bottom	3	2	16.55	8.3	32.21	96.9	7.78	3.4	11
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:49:30	1.0	Surface	1	1	16.9	8.34	31.98	98.5	7.86	3	4.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:50:09	1.0	Surface	1	2	16.89	8.32	31.86	98.3	7.85	3.3	5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:49:16	3.4	Middle	2	1	16.74	8.37	32.41	98.2	7.85	4	5.2
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:49:58	3.4	Middle	2	2	16.8	8.34	32.09	98.2	7.85	4.2	5.4
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:49:47	5.8	Bottom	3	1	16.59	8.35	32.6	97.7	7.82	4.5	6.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10A	13:49:01	5.8	Bottom	3	2	16.61	8.4	32.82	97.5	7.79	4.6	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	2014-01-20	Mid-Flood	Sunny	SR10B	9:51:09	1.0	Surface	1	1	16.4	8.3	32.31	97.3	7.83	8.1	5.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10B	9:52:06	1.0	Surface	1	2	16.4	8.3	32.33	97.3	7.83	8.2	7.2
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10B	9:51:42	5.1	Bottom	3	1	16.4	8.3	32.36	97.1	7.81	9.1	6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	SR10B	9:50:55	5.1	Bottom	3	2	16.4	8.3	32.35	97.1	7.81	9.1	7.6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	9:51:26	1.0	Surface	1	1	16.4	8.3	32.36	97	7.8	10	10.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	9:50:39	1.0	Surface	1	2	16.4	8.3	32.37	97.1	7.81	10.6	12.1
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	9:59:43	2.9	Middle	2	1	16.4	8.3	32.32	97.3	7.82	8	12.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	10:00:13	2.9	Middle	2	2	16.4	8.3	32.33	97.3	7.83	8.2	12.6
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	10:00:02	4.7	Bottom	3	1	16.4	8.3	32.35	97	7.8	8.5	11.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS2	9:59:29	4.7	Bottom	3	2	16.4	8.31	32.35	97.1	7.81	9.1	12.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:15:01	1.0	Surface	1	1	16.41	8.31	32.35	97.6	7.85	8.5	3.3
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:14:20	1.0	Surface	1	2	16.42	8.31	32.36	97.5	7.84	9	3.7
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:14:50	3.3	Middle	2	1	16.43	8.31	32.39	97.5	7.83	9.3	3.8
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:14:09	3.3	Middle	2	2	16.43	8.31	32.39	97.4	7.83	9.8	3.5
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:14:37	5.6	Bottom	3	1	16.44	8.31	32.4	97.4	7.82	9.2	4.9
HKLR	HY/2011/03	2014-01-20	Mid-Flood	Sunny	CS(Mf)5	11:13:54	5.6	Bottom	3	2	16.44	8.31	32.41	97.2	7.81	10.3	4.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:27:24	1.0	Surface	1	1	15.89	8.1	32.36	108.5	8.81	5.4	6.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:26:55	1.0	Surface	1	2	15.88	8.1	32.37	108.2	8.79	5.3	7.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:27:14	4.2	Middle	2	1	15.88	8.1	32.41	108.2	8.79	5.3	7.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:26:49	4.2	Middle	2	2	15.85	8.09	32.4	108	8.78	5.4	6.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:26:37	7.4	Bottom	3	1	15.86	8.09	32.38	108.4	8.81	5.2	7.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS5	15:27:04	7.4	Bottom	3	2	15.88	8.1	32.39	108	8.78	5.2	7.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)6	15:33:21	1.0	Surface	1	1	15.85	8.1	32.34	107.3	8.72	10.1	6.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)6	15:33:39	1.0	Surface	1	2	15.86	8.1	32.34	107.4	8.73	11	5.7
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)6	15:33:09	2.3	Bottom	3	1	15.8	8.1	32.36	106.9	8.7	12.6	5.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)6	15:33:30	2.3	Bottom	3	2	15.8	8.1	32.36	107.1	8.72	13.3	6.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS7	15:42:06	1.0	Surface	1	1	16.28	8.11	32.31	112.1	9.04	4.5	4.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS7	15:41:29	1.0	Surface	1	2	16.21	8.11	32.33	111.4	8.99	4.6	4.7
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS7	15:41:21	2.2	Bottom	3	1	16.09	8.11	32.28	110.5	8.95	5.1	3.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS7	15:41:57	2.2	Bottom	3	2	16.07	8.12	32.28	111.3	9.01	4.9	3.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS8	16:07:01	1.0	Surface	1	1	16.29	8.06	32.13	103.2	8.33	3.4	3.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS8	16:06:39	1.0	Surface	1	2	16.29	8.05	32.13	103.2	8.33	3.5	4.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS8	16:06:46	2.8	Bottom	3	1	16.27	8.06	32.12	102.9	8.31	3.5	3.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS8	16:06:28	2.8	Bottom	3	2	16.21	8.05	32.16	102.9	8.32	3.8	3.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)9	15:48:40	1.0	Surface	1	1	16.3	8.07	32.23	107.6	8.68	3.8	5.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)9	15:49:02	1.0	Surface	1	2	16.29	8.07	32.21	107.3	8.66	3.7	5
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)9	15:48:45	2.5	Bottom	3	1	16.22	8.07	32.17	106.8	8.63	4	7
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS(Mf)9	15:48:28	2.5	Bottom	3	2	16.01	8.08	32.23	106.6	8.65	4	5.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:46:33	1.0	Surface	1	1	16.17	8.3	32.19	98.2	7.95	4.5	6.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:45:51	1.0	Surface	1	2	16.17	8.3	32.21	97.9	7.92	4.5	5.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:46:17	5.2	Middle	2	1	16.17	8.3	32.26	97.6	7.89	4.7	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:45:42	5.2	Middle	2	2	16.18	8.3	32.27	97.6	7.89	4.6	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:46:03	9.3	Bottom	3	1	16.2	8.3	32.36	97.9	7.9	4.8	5.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	IS10	16:45:33	9.3	Bottom	3	2	16.19	8.3	32.37	97.8	7.9	4.7	4.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR3	15:09:33	0.8	Middle	2	1	16.11	8.09	32.32	111.4	9.02	6.3	7.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR3	15:09:41	0.8	Middle	2	2	16.12	8.1	32.32	111.8	9.05	5.7	6.7
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR4	15:59:49	1.0	Surface	1	1	16.24	8.03	32.2	105.2	8.5	3.6	5.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR4	15:59:33	1.0	Surface	1	2	16.23	8.02	32.21	105.5	8.52	3.7	5.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR4	15:59:25	2.5	Bottom	3	1	16.23	8.02	32.23	105.7	8.53	3.7	4.5
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR4	15:59:41	2.5	Bottom	3	2	16.23	8.03	32.21	105.4	8.51	3.7	5.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR5	16:33:55	1.0	Surface	1	1	16.15	8.3	32.2	98.7	7.99	4.6	4.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR5	16:34:18	1.0	Surface	1	2	16.15	8.3	32.2	98.7	7.98	4.5	4.5
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR5	16:34:08	3.8	Bottom	3	1	16.14	8.3	32.21	98.5	7.97	4.6	4.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR5	16:33:45	3.8	Bottom	3	2	16.14	8.3	32.21	98.7	7.98	4.6	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:22	1.0	Surface	1	1	16.41	8.09	32.86	97.2	7.8	1.6	3.6
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:53	1.0	Surface	1	2	16.41	8.09	32.86	97	7.78	1.8	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	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:43	3.4	Middle	2	1	16.42	8.09	32.89	96.9	7.77	1.7	4.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:10	3.4	Middle	2	2	16.42	8.09	32.89	97.1	7.78	1.9	3.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:01	5.7	Bottom	3	1	16.42	8.09	32.92	97.1	7.78	2	4.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10A	17:07:34	5.7	Bottom	3	2	16.42	8.09	32.9	97	7.77	2.1	4.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10B	17:19:39	1.0	Surface	1	1	16.42	8.09	32.87	97	7.77	1.4	2.3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10B	17:19:12	1.0	Surface	1	2	16.42	8.09	32.87	96.9	7.77	1.3	2.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10B	17:18:59	4.5	Bottom	3	1	16.41	8.09	32.9	96.8	7.76	1.7	3.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	SR10B	17:19:27	4.5	Bottom	3	2	16.42	8.09	32.9	96.7	7.75	1.8	3.9
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:12:16	1.0	Surface	1	1	16.27	8.33	32.5	98.6	7.95	3.5	4.2
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:11:41	1.0	Surface	1	2	16.27	8.33	32.54	99.3	7.99	3.4	5.1
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:12:04	4.0	Middle	2	1	16.17	8.32	32.53	98.1	7.92	3.6	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:11:28	4.0	Middle	2	2	16.18	8.33	32.58	98.9	7.98	3.5	4.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:11:09	7.0	Bottom	3	1	16.17	8.33	32.63	99.8	8.05	3.8	4.7
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS2	15:11:56	7.0	Bottom	3	2	16.18	8.32	32.53	98.5	7.95	3.7	4.8
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:41:57	1.0	Surface	1	1	16.48	8.08	32.8	99.8	7.99	3.1	2.4
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:42:51	1.0	Surface	1	2	16.48	8.09	32.81	99.5	7.97	3	3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:42:36	6.7	Middle	2	1	16.47	8.08	32.89	98.7	7.91	3.2	3
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:41:45	6.7	Middle	2	2	16.47	8.08	32.89	99.2	7.95	3	2.5
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:42:22	12.4	Bottom	3	1	16.47	8.08	32.91	98.9	7.92	2.1	2.5
HKLR	HY/2011/03	2014-01-22	Mid-Ebb	Sunny	CS(Mf)5	16:41:33	12.4	Bottom	3	2	16.48	8.08	32.88	99.5	7.96	2.3	3.8
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:43:54	1.0	Surface	1	1	15.69	8.11	32.6	104.2	8.48	4.5	4.8
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:43:11	1.0	Surface	1	2	15.71	8.1	32.61	104.4	8.5	4.3	4.5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:43:37	4.3	Middle	2	1	15.66	8.1	32.61	103.8	8.46	4.7	5.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:43:03	4.3	Middle	2	2	15.7	8.1	32.61	104.1	8.48	4.4	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:43:22	7.6	Bottom	3	1	15.69	8.1	32.61	104.1	8.48	4.3	5.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS5	11:42:53	7.6	Bottom	3	2	15.7	8.1	32.61	104.1	8.47	4.4	4.8
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)6	11:32:46	1.0	Surface	1	1	15.96	8.1	32.57	108.1	8.76	7.8	4.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)6	11:33:10	1.0	Surface	1	2	15.98	8.1	32.57	108.3	8.77	8.2	4.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)6	11:32:56	2.3	Bottom	3	1	15.86	8.1	32.55	107.9	8.76	9.1	4.9
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)6	11:32:37	2.3	Bottom	3	2	15.74	8.1	32.65	107.5	8.75	8.7	4.9
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS7	11:24:06	1.0	Surface	1	1	15.72	8.08	32.54	104.8	8.53	12.4	5.2
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS7	11:23:44	1.0	Surface	1	2	15.66	8.07	32.55	104.7	8.53	11.5	4.9
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS7	11:23:51	2.4	Bottom	3	1	15.65	8.07	32.53	104.5	8.52	11.8	5.8
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS7	11:23:35	2.4	Bottom	3	2	15.62	8.07	32.53	104.7	8.54	12.5	5.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS8	10:59:02	1.0	Surface	1	1	15.96	8.02	32.4	99.8	8.1	9.8	2.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS8	10:58:45	1.0	Surface	1	2	15.94	8.02	32.4	100.3	8.14	10.7	2.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS8	10:58:53	2.7	Bottom	3	1	15.94	8.02	32.4	99.9	8.11	11.1	4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS8	10:58:38	2.7	Bottom	3	2	15.94	8.02	32.4	100.5	8.15	11.8	2.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)9	11:17:57	1.0	Surface	1	1	15.88	8.01	32.42	101.5	8.24	13.1	9.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)9	11:18:17	1.0	Surface	1	2	15.86	8.02	32.43	101.2	8.22	12.7	10.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)9	11:17:48	2.4	Bottom	3	1	15.83	8.01	32.43	101.5	8.25	13.2	9.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS(Mf)9	11:18:08	2.4	Bottom	3	2	15.82	8.02	32.44	101	8.21	12.5	9.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:52:39	1.0	Surface	1	1	15.92	8.25	32.29	97.4	7.91	11.3	12.9
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:52:06	1.0	Surface	1	2	15.94	8.24	32.29	97.3	7.9	11.4	11
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:52:27	5.4	Middle	2	1	15.96	8.25	32.35	96.9	7.86	11.4	12.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:51:56	5.4	Middle	2	2	15.98	8.23	32.37	97	7.87	11.6	13.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:51:47	9.7	Bottom	3	1	15.96	8.23	32.39	97.4	7.9	11.5	14.9
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	IS10	10:52:20	9.7	Bottom	3	2	15.96	8.24	32.39	97.2	7.89	11.5	13.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR3	11:52:45	0.9	Middle	2	1	15.71	8.11	32.6	104.5	8.5	4.7	6.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR3	11:52:37	0.9	Middle	2	2	15.71	8.11	32.6	104.5	8.5	4.7	5.5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR4	11:07:43	1.0	Surface	1	1	15.87	8.01	32.35	101.1	8.21	8.9	5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR4	11:08:03	1.0	Surface	1	2	15.91	8.02	32.33	100.2	8.14	8	4.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR4	11:07:34	2.7	Bottom	3	1	15.85	8.01	32.34	101.4	8.25	9.3	4.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR4	11:07:51	2.7	Bottom	3	2	15.87	8.01	32.33	100.5	8.17	9	5.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR5	11:02:04	1.0	Surface	1	1	15.86	8.25	32.02	97.2	7.92	9.9	10.5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR5	11:01:44	1.0	Surface	1	2	15.88	8.25	32.02	97.4	7.93	9.5	10.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR5	11:01:52	4.5	Bottom	3	1	15.84	8.25	32.06	97.1	7.91	10	11.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR5	11:01:37	4.5	Bottom	3	2	15.83	8.26	32.09	97.3	7.92	9.9	11.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:01:27	1.0	Surface	1	1	16.37	8.03	32.93	95.7	7.67	1.8	3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:00:49	1.0	Surface	1	2	16.37	8.03	32.91	95.8	7.68	1.8	3.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:00:37	3.4	Middle	2	1	16.37	8.02	32.92	95.5	7.66	1.8	3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:01:17	3.4	Middle	2	2	16.36	8.03	32.94	95.5	7.66	1.8	3.2
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:01:08	5.7	Bottom	3	1	16.36	8.03	32.94	95.5	7.66	2.2	2.8
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10A	10:00:25	5.7	Bottom	3	2	16.37	8.02	32.92	95.4	7.65	2.1	2.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10B	9:44:13	1.0	Surface	1	1	16.36	7.98	32.8	96.1	7.72	2	4.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10B	9:44:35	1.0	Surface	1	2	16.37	7.99	32.82	96.1	7.71	2	2.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10B	9:44:03	4.7	Bottom	3	1	16.36	7.97	32.79	96.1	7.71	2.3	3.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	SR10B	9:44:22	4.7	Bottom	3	2	16.36	7.98	32.82	95.9	7.7	2.2	5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:31:06	1.0	Surface	1	1	16.06	8.26	32.44	96.2	7.79	5.5	7.7
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:31:47	1.0	Surface	1	2	16.07	8.26	32.45	96.3	7.79	5.4	6.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:31:36	4.2	Middle	2	1	16.04	8.25	32.47	95.9	7.76	5.4	7.2
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:30:56	4.2	Middle	2	2	16.04	8.26	32.47	95.9	7.76	5.7	7.3
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:31:23	7.3	Bottom	3	1	16.04	8.26	32.48	95.9	7.76	5.6	7.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS2	12:30:33	7.3	Bottom	3	2	16.04	8.26	32.48	96.1	7.78	5.7	9.1
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:29:10	1.0	Surface	1	1	16.28	8.02	32.9	95.5	7.67	3.7	2.4
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:28:25	1.0	Surface	1	2	16.28	8.01	32.9	95.7	7.69	4	3.5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:28:58	7.4	Middle	2	1	16.28	8.01	32.92	95.2	7.65	5	2.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:28:13	7.4	Middle	2	2	16.28	8	32.92	95.5	7.67	4.7	2.6
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:28:05	13.8	Bottom	3	1	16.28	8	32.92	95.6	7.68	4	2.5
HKLR	HY/2011/03	2014-01-22	Mid-Flood	Sunny	CS(Mf)5	10:28:46	13.8	Bottom	3	2	16.28	8.01	32.92	95.2	7.65	4	3.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:55:28	1.0	Surface	1	1	15.63	8.09	32.6	106.1	8.65	6.3	4.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:55:00	1.0	Surface	1	2	15.64	8.09	32.61	106.3	8.66	6.2	4.8
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:55:18	4.2	Middle	2	1	15.61	8.09	32.62	105.8	8.63	6.3	4.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:54:54	4.2	Middle	2	2	15.64	8.09	32.62	106.1	8.65	6.2	5.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:54:43	7.3	Bottom	3	1	15.63	8.09	32.62	106	8.64	6.4	4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS5	10:55:09	7.3	Bottom	3	2	15.63	8.09	32.61	106	8.64	6.4	4.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)6	11:05:38	1.0	Surface	1	1	15.59	8.14	32.54	109	8.9	9.1	17
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)6	11:05:52	1.0	Surface	1	2	15.58	8.14	32.54	109.3	8.92	9.3	16.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)6	11:05:43	2.3	Bottom	3	1	15.58	8.14	32.54	109.1	8.91	9.3	15.5
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)6	11:05:31	2.3	Bottom	3	2	15.6	8.14	32.52	108.9	8.89	9.4	17
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS7	11:12:30	1.0	Surface	1	1	15.67	8.15	32.52	110	8.97	8.8	4.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS7	11:12:16	1.0	Surface	1	2	15.66	8.15	32.52	109.5	8.92	9.8	5.8
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS7	11:12:21	2.2	Bottom	3	1	15.66	8.15	32.52	109.6	8.94	10.2	8.2
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS7	11:12:09	2.2	Bottom	3	2	15.63	8.15	32.53	109.1	8.9	11.1	7.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS8	11:35:01	1.0	Surface	1	1	15.98	8.07	32.49	101.8	8.25	4.5	5.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS8	11:35:22	1.0	Surface	1	2	15.98	8.07	32.49	101.9	8.25	4.7	4.5
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS8	11:35:11	2.6	Bottom	3	1	15.97	8.07	32.49	101.7	8.24	4.5	6.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS8	11:34:51	2.6	Bottom	3	2	15.97	8.07	32.5	101.7	8.25	4.5	3.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)9	11:18:26	1.0	Surface	1	1	15.64	8.15	32.53	108.3	8.84	7.8	9.5
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)9	11:18:41	1.0	Surface	1	2	15.63	8.15	32.54	108.5	8.85	7	9.5
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)9	11:18:34	2.5	Bottom	3	1	15.64	8.15	32.54	108.4	8.84	9.2	9.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS(Mf)9	11:18:16	2.5	Bottom	3	2	15.63	8.15	32.54	107.9	8.8	8.9	10.8
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:04:13	1.0	Surface	1	1	15.96	8.28	32.34	97.9	7.94	6.6	2.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:04:47	1.0	Surface	1	2	15.99	8.28	32.33	98	7.94	6.4	2.5
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:04:37	5.2	Middle	2	1	15.89	8.28	32.38	97.5	7.92	6.5	2.8
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:04:05	5.2	Middle	2	2	15.88	8.28	32.39	97.5	7.92	6.6	2.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:03:56	9.3	Bottom	3	1	15.91	8.28	32.37	97.5	7.92	6.7	2.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	IS10	12:04:28	9.3	Bottom	3	2	15.89	8.28	32.39	97.4	7.91	6.8	3.2
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR3	10:39:02	0.9	Middle	2	1	15.66	8.09	32.64	103.9	8.47	6.5	3.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR3	10:38:51	0.9	Middle	2	2	15.65	8.1	32.64	102.5	8.36	6.5	5.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR4	11:28:39	1.0	Surface	1	1	16.05	8.09	32.45	101.3	8.2	7.5	3.9
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR4	11:28:57	1.0	Surface	1	2	16.04	8.09	32.46	101.3	8.2	7.7	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	2014-01-24	Mid-Ebb	Fine	SR4	11:28:30	2.6	Bottom	3	1	16.05	8.09	32.46	101.1	8.18	8.1	5.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR4	11:28:48	2.6	Bottom	3	2	16.04	8.08	32.47	101.2	8.19	8.3	4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR5	11:53:02	1.0	Surface	1	1	15.97	8.29	32.32	98.3	7.98	2.2	3.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR5	11:53:23	1.0	Surface	1	2	15.98	8.28	32.32	98.3	7.98	2.3	2.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR5	11:52:50	3.7	Bottom	3	1	15.95	8.29	32.34	98.4	7.98	2.3	4.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR5	11:53:13	3.7	Bottom	3	2	15.97	8.28	32.33	98.3	7.98	2.4	2.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:44:18	1.0	Surface	1	1	16.34	8.06	32.94	97	7.79	2	2.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:43:31	1.0	Surface	1	2	16.34	8.06	32.94	97.1	7.79	1.9	2.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:43:17	3.4	Middle	2	1	16.33	8.06	32.97	97	7.78	2	3.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:44:08	3.4	Middle	2	2	16.33	8.06	32.96	96.8	7.77	2	3.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:43:05	5.8	Bottom	3	1	16.33	8.06	32.97	96.8	7.77	2.1	4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10A	12:43:58	5.8	Bottom	3	2	16.33	8.06	32.96	96.7	7.76	2	3.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10B	12:57:06	1.0	Surface	1	1	16.35	8.07	32.94	97.1	7.79	2.1	2.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10B	12:56:44	1.0	Surface	1	2	16.35	8.07	32.94	97.1	7.79	2.2	2.8
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10B	12:56:35	4.7	Bottom	3	1	16.35	8.07	32.95	96.9	7.77	2.2	2.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	SR10B	12:56:55	4.7	Bottom	3	2	16.35	8.07	32.94	97	7.78	2.1	3.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:42:05	1.0	Surface	1	1	15.98	8.29	32.04	97.5	7.92	2.9	3.7
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:41:27	1.0	Surface	1	2	15.98	8.3	32.13	97.6	7.92	2.8	3.9
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:41:50	3.8	Middle	2	1	15.96	8.29	32.1	97.3	7.9	4.4	3.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:41:14	3.8	Middle	2	2	15.95	8.31	32.2	97.3	7.9	4.3	2.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:41:00	6.6	Bottom	3	1	15.95	8.32	32.28	97.3	7.9	4.4	3.4
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS2	10:41:39	6.6	Bottom	3	2	15.96	8.3	32.12	97.2	7.9	4.5	2.3
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:09:58	1.0	Surface	1	1	16.2	8.07	32.66	98.1	7.91	3.6	6.9
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:09:18	1.0	Surface	1	2	16.2	8.06	32.65	98.2	7.92	3.2	6.1
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:09:05	6.6	Middle	2	1	16.15	8.06	32.75	97.5	7.87	3.6	6.9
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:09:46	6.6	Middle	2	2	16.15	8.06	32.76	97.5	7.86	4	5.6
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:08:53	12.2	Bottom	3	1	16.15	8.06	32.74	97.9	7.89	3.4	7.2
HKLR	HY/2011/03	2014-01-24	Mid-Ebb	Fine	CS(Mf)5	12:09:36	12.2	Bottom	3	2	16.15	8.06	32.76	97.8	7.89	3.2	5.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:26	1.0	Surface	1	1	15.61	8.15	32.73	102.1	8.32	4.6	7.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:56	1.0	Surface	1	2	15.61	8.15	32.74	102.1	8.33	4.7	6.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:46	4.3	Middle	2	1	15.6	8.15	32.75	101.9	8.31	4.7	6.3
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:12	4.3	Middle	2	2	15.6	8.15	32.75	101.9	8.31	4.7	8.3
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:37	7.5	Bottom	3	1	15.6	8.15	32.75	101.9	8.31	4.7	6.3
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS5	6:10:01	7.5	Bottom	3	2	15.61	8.15	32.76	101.9	8.3	4.8	8.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)6	5:59:44	1.0	Surface	1	1	15.43	8.14	32.48	105.2	8.62	16.5	9.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)6	5:59:28	1.0	Surface	1	2	15.42	8.14	32.48	105.3	8.63	16	10.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)6	5:59:34	2.2	Bottom	3	1	15.42	8.14	32.49	105.1	8.61	16.4	9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)6	5:59:16	2.2	Bottom	3	2	15.43	8.14	32.49	105.2	8.62	17.8	10
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS7	5:51:59	1.0	Surface	1	1	15.48	8.15	32.53	106.2	8.69	7.2	7.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS7	5:51:39	1.0	Surface	1	2	15.48	8.15	32.53	106.1	8.68	7.4	7.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS7	5:51:28	2.2	Bottom	3	1	15.48	8.15	32.53	105.7	8.65	8.1	8.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS7	5:51:50	2.2	Bottom	3	2	15.48	8.15	32.54	106.2	8.69	7.3	7
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS8	5:28:22	1.0	Surface	1	1	15.41	8.13	32.51	105.6	8.65	4.6	4.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS8	5:28:02	1.0	Surface	1	2	15.41	8.13	32.51	105.6	8.65	4.8	3.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS8	5:28:14	2.6	Bottom	3	1	15.4	8.13	32.53	105.4	8.64	4.8	4.6
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS8	5:27:50	2.6	Bottom	3	2	15.4	8.13	32.54	105.4	8.64	5.2	4.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)9	5:44:53	1.0	Surface	1	1	15.41	8.14	32.54	105.2	8.62	9.1	12.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)9	5:45:09	1.0	Surface	1	2	15.41	8.14	32.53	105.4	8.64	8.7	12.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)9	5:44:44	2.3	Bottom	3	1	15.41	8.14	32.54	105	8.6	9.3	13.6
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS(Mf)9	5:45:01	2.3	Bottom	3	2	15.41	8.14	32.54	105.3	8.63	8.9	13.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:25:42	1.0	Surface	1	1	15.82	8.25	32.25	96.5	7.85	2.6	4.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:25:04	1.0	Surface	1	2	15.83	8.25	32.25	96.4	7.85	2.7	3.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:24:51	5.4	Middle	2	1	15.81	8.25	32.3	96.1	7.83	2.7	4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:25:30	5.4	Middle	2	2	15.79	8.25	32.31	96.1	7.82	2.6	4.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:25:20	9.7	Bottom	3	1	15.78	8.25	32.32	96	7.82	2.7	3.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	IS10	5:24:42	9.7	Bottom	3	2	15.8	8.25	32.3	96	7.81	2.7	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	2014-01-24	Mid-Flood	Fine	SR3	6:20:50	0.9	Middle	2	1	15.61	8.15	32.73	102.3	8.34	4.8	7.7
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR3	6:21:01	0.9	Middle	2	2	15.61	8.15	32.73	102.3	8.34	4.5	8.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR4	5:36:44	1.0	Surface	1	1	15.39	8.13	32.52	105.6	8.65	4.7	7.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR4	5:36:28	1.0	Surface	1	2	15.39	8.13	32.53	105.6	8.66	4.8	7.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR4	5:36:20	2.3	Bottom	3	1	15.39	8.13	32.54	105.6	8.66	4.9	6.7
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR4	5:36:36	2.3	Bottom	3	2	15.39	8.13	32.54	105.5	8.65	4.8	8.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR5	5:35:52	1.0	Surface	1	1	15.81	8.25	32.27	96.4	7.85	2.5	3.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR5	5:36:09	1.0	Surface	1	2	15.81	8.25	32.27	96.5	7.85	2.6	3
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR5	5:35:44	3.7	Bottom	3	1	15.8	8.25	32.29	96.3	7.84	2.6	4.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR5	5:36:00	3.7	Bottom	3	2	15.8	8.25	32.29	96.4	7.85	2.6	3.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:19	1.0	Surface	1	1	16.27	8.04	32.89	97.1	7.81	1.6	4.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:58	1.0	Surface	1	2	16.27	8.05	32.89	97	7.8	1.7	3.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:10	3.4	Middle	2	1	16.27	8.04	32.9	97	7.8	1.8	3.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:46	3.4	Middle	2	2	16.27	8.05	32.91	96.8	7.78	1.9	2.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:34	5.7	Bottom	3	1	16.28	8.05	32.92	96.9	7.79	2.1	2.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10A	4:22:00	5.7	Bottom	3	2	16.28	8.04	32.92	97	7.79	2	2.7
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10B	4:08:57	1.0	Surface	1	1	16.29	8.02	32.88	96.9	7.79	1.8	3.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10B	4:08:32	1.0	Surface	1	2	16.29	8.01	32.89	97.2	7.81	1.9	3.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10B	4:08:24	4.6	Bottom	3	1	16.29	8.01	32.9	97.1	7.8	2	2.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	SR10B	4:08:47	4.6	Bottom	3	2	16.29	8.02	32.91	96.9	7.78	1.9	2.1
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:58:29	1.0	Surface	1	1	15.91	8.22	31.41	95.9	7.84	2.1	3.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:59:03	1.0	Surface	1	2	15.91	8.22	31.39	95.9	7.83	2.2	4.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:58:50	4.1	Middle	2	1	15.92	8.24	31.86	95.7	7.79	2.2	4.4
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:58:17	4.1	Middle	2	2	15.91	8.24	31.93	95.7	7.79	2.1	4.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:58:07	7.1	Bottom	3	1	15.87	8.25	32.42	95.5	7.76	2.3	5.8
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS2	6:58:40	7.1	Bottom	3	2	15.9	8.23	32.11	95.6	7.77	2.4	5.7
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:57:00	1.0	Surface	1	1	15.95	8.05	32.55	99.2	8.04	7.2	2.6
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:56:18	1.0	Surface	1	2	15.95	8.04	32.54	99.2	8.04	7.3	2.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:56:02	6.7	Middle	2	1	16	8.04	32.58	98.7	7.99	6.9	3.5
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:56:46	6.7	Middle	2	2	15.95	8.05	32.57	98.7	8	7.4	2.2
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:56:33	12.4	Bottom	3	1	15.98	8.04	32.6	98.8	8.01	7.8	3.9
HKLR	HY/2011/03	2014-01-24	Mid-Flood	Fine	CS(Mf)5	4:55:54	12.4	Bottom	3	2	16	8.04	32.61	99	8.01	7	3.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:54:46	1.0	Surface	1	1	17.19	8.11	32.44	111.5	8.83	4.4	5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:54:13	1.0	Surface	1	2	17.19	8.11	32.44	111.5	8.83	4.6	6.1
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:54:03	4.4	Middle	2	1	17.17	8.11	32.45	111.2	8.8	4.7	7.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:54:35	4.4	Middle	2	2	17.16	8.11	32.45	111.1	8.8	4.7	6.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:54:25	7.8	Bottom	3	1	17.17	8.11	32.45	111.1	8.8	4.8	7.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS5	10:53:51	7.8	Bottom	3	2	17.17	8.11	32.45	111	8.79	4.8	5.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)6	10:46:46	1.0	Surface	1	1	16.75	8.09	32.23	110.2	8.81	5.5	6.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)6	10:47:00	1.0	Surface	1	2	16.73	8.1	32.23	110.4	8.83	5.5	5.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)6	10:46:53	2.1	Bottom	3	1	16.74	8.1	32.24	110.3	8.82	5.9	7.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)6	10:46:38	2.1	Bottom	3	2	16.75	8.09	32.27	110.2	8.81	5.9	5.1
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS7	10:40:22	1.0	Surface	1	1	16.8	8.1	32.24	110.5	8.82	4.6	6.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS7	10:40:41	1.0	Surface	1	2	16.8	8.1	32.24	110.8	8.85	4.5	5.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS7	10:40:32	2.1	Bottom	3	1	16.8	8.1	32.24	110.6	8.83	4.7	7.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS7	10:40:13	2.1	Bottom	3	2	16.8	8.1	32.24	110.3	8.81	4.7	7.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS8	10:15:46	1.0	Surface	1	1	16.48	8.03	32.22	103.6	8.33	2.7	4.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS8	10:16:03	1.0	Surface	1	2	16.48	8.03	32.22	103.5	8.32	2.8	3.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS8	10:15:55	2.9	Bottom	3	1	16.48	8.03	32.22	103.4	8.31	2.7	4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS8	10:15:36	2.9	Bottom	3	2	16.48	8.03	32.22	103.4	8.31	2.6	3.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)9	10:34:24	1.0	Surface	1	1	16.45	8.04	32.3	104.4	8.39	3.5	5.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)9	10:33:56	1.0	Surface	1	2	16.43	8.04	32.3	104.5	8.4	3.5	4.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)9	10:33:46	2.7	Bottom	3	1	16.43	8.03	32.31	104.4	8.4	3.4	5.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS(Mf)9	10:34:12	2.7	Bottom	3	2	16.43	8.04	32.31	104.3	8.38	3.4	5.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS10	9:56:21	1.0	Surface	1	1	16.66	8.27	31.9	101.6	8.15	3.7	3.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS10	9:55:51	1.0	Surface	1	2	16.69	8.28	31.88	101.7	8.16	3.8	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	2014-01-27	Mid-Ebb	Sunny	IS10	9:56:13	5.3	Middle	2	1	16.58	8.26	32.01	101.1	8.12	3.8	4.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS10	9:55:40	5.3	Middle	2	2	16.58	8.26	32.01	100.7	8.09	4.1	2.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS10	9:56:02	9.6	Bottom	3	1	16.62	8.27	32.02	101.7	8.17	3.8	5.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	IS10	9:55:26	9.6	Bottom	3	2	16.59	8.26	32.04	101.1	8.12	4.1	5.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR3	11:01:38	0.7	Middle	2	1	17.23	8.12	32.44	112	8.86	4.2	6.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR3	11:01:49	0.7	Middle	2	2	17.22	8.12	32.44	111.9	8.86	4.2	5.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR4	10:22:24	1.0	Surface	1	1	16.67	8.07	32.26	108.1	8.65	2	3.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR4	10:22:41	1.0	Surface	1	2	16.66	8.07	32.27	108	8.64	1.9	3.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR4	10:22:32	2.8	Bottom	3	1	16.65	8.07	32.28	107.9	8.64	2	3.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR4	10:22:14	2.8	Bottom	3	2	16.65	8.06	32.29	107.7	8.63	2	3.1
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR5	10:06:31	1.0	Surface	1	1	16.72	8.28	31.96	102.2	8.19	4.5	3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR5	10:05:58	1.0	Surface	1	2	16.72	8.28	31.96	102.2	8.19	4.5	4.1
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR5	10:05:44	4.0	Bottom	3	1	16.71	8.28	31.99	101.7	8.15	4.7	3.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR5	10:06:17	4.0	Bottom	3	2	16.7	8.28	32.01	101.9	8.17	4.7	3.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:09:25	1.0	Surface	1	1	16.64	8.03	32.67	99.5	7.95	1.9	2.4
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:10:08	1.0	Surface	1	2	16.61	8.03	32.66	99.3	7.94	1.8	2.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:09:15	3.3	Middle	2	1	16.64	8.02	32.68	99.2	7.93	1.9	2.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:09:56	3.3	Middle	2	2	16.64	8.03	32.7	99.2	7.93	1.8	2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:09:43	5.5	Bottom	3	1	16.63	8.03	32.7	99.2	7.92	1.9	2.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10A	9:08:59	5.5	Bottom	3	2	16.63	8.02	32.68	99.2	7.92	1.9	2.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10B	9:03:00	1.0	Surface	1	1	16.63	8.02	32.62	100.9	8.07	2	2.1
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10B	9:02:42	1.0	Surface	1	2	16.63	8.02	32.6	101.1	8.08	2	3.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10B	9:02:28	4.2	Bottom	3	1	16.63	8.02	32.6	100.8	8.06	2.1	2.2
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	SR10B	9:02:50	4.2	Bottom	3	2	16.63	8.02	32.62	100.8	8.06	2	2.9
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:18:52	1.0	Surface	1	1	16.65	8.29	31.71	102.7	8.25	4.3	3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:20:16	1.0	Surface	1	2	16.66	8.29	31.68	102.8	8.26	4	2.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:18:41	3.4	Middle	2	1	16.62	8.29	31.9	102	8.19	6.5	2.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:19:37	3.4	Middle	2	2	16.62	8.29	31.92	102.1	8.2	6.3	3.8
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:19:15	5.7	Bottom	3	1	16.6	8.28	32	101.9	8.18	7.7	2.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS2	11:18:28	5.7	Bottom	3	2	16.6	8.28	32	101.9	8.18	7.9	2.5
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:42:52	1.0	Surface	1	1	16.59	8.05	32.56	101.6	8.13	2	2.9
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:42:11	1.0	Surface	1	2	16.59	8.04	32.56	101.7	8.14	2.1	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:42:39	6.5	Middle	2	1	16.62	8.04	32.74	100.9	8.06	2.1	2.7
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:41:57	6.5	Middle	2	2	16.61	8.03	32.73	100.7	8.04	2.2	3.3
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:41:37	11.9	Bottom	3	1	16.62	8.03	32.77	101	8.07	2.2	2.6
HKLR	HY/2011/03	2014-01-27	Mid-Ebb	Sunny	CS(Mf)5	9:42:29	11.9	Bottom	3	2	16.62	8.04	32.76	101.3	8.1	2.2	3.1
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:09:06	1.0	Surface	1	1	17.34	8.18	32.57	115.1	9.08	3.6	3.8
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:08:35	1.0	Surface	1	2	17.37	8.18	32.56	115.6	9.11	3.5	4.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:08:58	4.4	Middle	2	1	17.3	8.18	32.57	114.5	9.04	3.8	5.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:08:19	4.4	Middle	2	2	17.31	8.18	32.58	114.2	9.01	3.8	4.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:08:46	7.7	Bottom	3	1	17.28	8.17	32.55	115	9.08	3.9	5.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS5	14:08:08	7.7	Bottom	3	2	17.24	8.17	32.57	114.6	9.06	4	4.8
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)6	14:16:30	1.0	Surface	1	1	16.88	8.17	32.36	115.8	9.23	4.4	3.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)6	14:16:52	1.0	Surface	1	2	16.89	8.17	32.35	116.2	9.26	4.5	4.3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)6	14:16:41	2.1	Bottom	3	1	16.88	8.17	32.35	115.9	9.23	4.4	4.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)6	14:16:20	2.1	Bottom	3	2	16.87	8.17	32.36	115.4	9.2	4.4	4.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS7	14:23:08	1.0	Surface	1	1	17.07	8.18	32.3	117.1	9.3	4.3	5.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS7	14:23:29	1.0	Surface	1	2	17.08	8.19	32.3	117.6	9.34	4.2	4.3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS7	14:23:18	2.2	Bottom	3	1	17.07	8.19	32.3	117.4	9.32	4.5	6.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS7	14:22:59	2.2	Bottom	3	2	17.07	8.18	32.3	116.8	9.27	4.3	6.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS8	14:48:46	1.0	Surface	1	1	16.79	8.11	32.29	108.1	8.63	2.4	4.1
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS8	14:48:24	1.0	Surface	1	2	16.79	8.11	32.3	107.9	8.61	2.3	3.1
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS8	14:48:10	3.2	Bottom	3	1	16.74	8.11	32.31	107.6	8.6	2.4	3.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS8	14:48:33	3.2	Bottom	3	2	16.75	8.11	32.31	107.8	8.61	2.3	3.8
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)9	14:30:10	1.0	Surface	1	1	17.06	8.2	32.5	118	9.36	2.8	3.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)9	14:29:53	1.0	Surface	1	2	17.04	8.2	32.5	117.7	9.34	2.9	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	2014-01-27	Mid-Flood	Sunny	IS(Mf)9	14:29:40	2.7	Bottom	3	1	17.02	8.19	32.5	117.3	9.31	3	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS(Mf)9	14:30:00	2.7	Bottom	3	2	17.05	8.2	32.5	117.8	9.35	2.9	3.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:07:29	1.0	Surface	1	1	16.89	8.3	32.06	104.4	8.33	3.1	4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:06:42	1.0	Surface	1	2	16.91	8.31	32.06	105.7	8.43	2.9	2.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:06:18	5.4	Middle	2	1	16.69	8.29	32.11	103	8.25	2.9	3.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:07:18	5.4	Middle	2	2	16.68	8.28	32.11	103.2	8.27	3	3.3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:07:08	9.7	Bottom	3	1	16.67	8.29	32.12	103.8	8.31	3	5.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	IS10	15:06:08	9.7	Bottom	3	2	16.67	8.29	32.12	103.2	8.27	3.2	3.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR3	13:59:21	0.7	Middle	2	1	17.38	8.19	32.66	114.3	9	6.4	5.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR3	13:59:14	0.7	Middle	2	2	17.41	8.19	32.67	113.7	8.95	6.2	5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR4	14:42:15	1.0	Surface	1	1	16.74	8.17	32.43	113.6	9.07	3.5	4.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR4	14:41:57	1.0	Surface	1	2	16.61	8.16	32.5	108.2	8.66	3.6	4.7
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR4	14:42:04	2.8	Bottom	3	1	16.71	8.17	32.44	110.4	8.82	3.8	5.3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR4	14:41:19	2.8	Bottom	3	2	16.74	8.16	32.41	116.5	9.31	3.7	5.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR5	14:57:11	1.0	Surface	1	1	16.89	8.32	32.09	105.4	8.41	3.2	2.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR5	14:57:39	1.0	Surface	1	2	16.88	8.31	32.08	105.4	8.41	3	4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR5	14:57:01	4.3	Bottom	3	1	16.82	8.32	32.11	104.8	8.37	3.3	3.7
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR5	14:57:27	4.3	Bottom	3	2	16.72	8.31	32.12	104.9	8.4	2.9	3.6
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:49:54	1.0	Surface	1	1	16.71	8.09	32.91	101.6	8.09	1.8	2.7
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:49:18	1.0	Surface	1	2	16.71	8.09	32.92	101.7	8.1	1.8	2.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:49:04	3.2	Middle	2	1	16.7	8.09	32.93	101.3	8.07	1.9	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:49:43	3.2	Middle	2	2	16.7	8.09	32.92	101.5	8.09	1.9	2.4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:48:54	5.4	Bottom	3	1	16.7	8.09	32.93	101.2	8.06	1.9	4.1
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10A	15:49:28	5.4	Bottom	3	2	16.7	8.09	32.92	101.4	8.08	1.9	4
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10B	15:57:36	1.0	Surface	1	1	16.71	8.09	32.89	101.6	8.1	1.8	2.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10B	15:58:08	1.0	Surface	1	2	16.71	8.1	32.89	101.7	8.1	1.7	3.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10B	15:57:53	3.8	Bottom	3	1	16.7	8.1	32.9	101.4	8.08	1.8	2.7
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	SR10B	15:57:22	3.8	Bottom	3	2	16.7	8.09	32.9	101.6	8.09	1.8	3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:39:37	1.0	Surface	1	1	16.94	8.39	32.2	101.7	8.1	2.8	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:40:14	1.0	Surface	1	2	16.94	8.36	32.11	105	8.37	2.9	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:39:24	3.3	Middle	2	1	16.87	8.42	32.42	98.7	7.87	3.1	3.1
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:40:03	3.3	Middle	2	2	16.86	8.37	32.27	104.4	8.33	3.1	2.7
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:39:15	5.5	Bottom	3	1	16.9	8.46	32.51	95.4	7.59	3.3	3.9
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS2	13:39:52	5.5	Bottom	3	2	16.88	8.38	32.33	103	8.21	3.1	3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:23:55	1.0	Surface	1	1	16.95	8.11	32.81	104.9	8.32	1.7	3.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:23:11	1.0	Surface	1	2	16.95	8.11	32.81	105.2	8.35	1.8	4.3
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:23:39	6.7	Middle	2	1	16.71	8.09	32.87	102.5	8.17	1.8	2.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:22:54	6.7	Middle	2	2	16.7	8.09	32.87	102.2	8.15	1.9	2.2
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:23:27	12.4	Bottom	3	1	16.7	8.09	32.88	103.5	8.25	1.8	3.5
HKLR	HY/2011/03	2014-01-27	Mid-Flood	Sunny	CS(Mf)5	15:22:42	12.4	Bottom	3	2	16.69	8.08	32.89	103.1	8.22	1.8	3.2
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:43:00	1.0	Surface	1	1	17.35	8.25	31.51	122.8	9.75	4.1	5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:43:26	1.0	Surface	1	2	17.33	8.25	31.51	123.1	9.77	4.2	4.6
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:42:49	4.6	Middle	2	1	17.27	8.24	31.58	121.8	9.68	4.4	4.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:43:17	4.6	Middle	2	2	17.25	8.24	31.59	122.4	9.73	4.4	4.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:42:40	8.1	Bottom	3	1	17.24	8.24	31.59	121.6	9.66	4.4	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS5	12:43:11	8.1	Bottom	3	2	17.28	8.24	31.57	122.2	9.71	4.4	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)6	12:32:25	1.0	Surface	1	1	17.53	8.3	31.97	128.5	10.13	5.9	4.5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)6	12:32:11	1.0	Surface	1	2	17.54	8.3	31.97	124.9	9.85	6.4	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)6	12:32:06	2.3	Bottom	3	1	17.53	8.3	31.97	122.7	9.68	6	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)6	12:32:16	2.3	Bottom	3	2	17.53	8.3	31.97	126.3	9.96	6.1	4.6
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS7	12:23:17	1.0	Surface	1	1	17.45	8.27	31.6	127.4	10.08	3.3	4.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS7	12:23:34	1.0	Surface	1	2	17.49	8.27	31.57	128.7	10.19	3.1	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS7	12:23:23	2.5	Bottom	3	1	17.46	8.27	31.61	127.6	10.1	3.3	5.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS7	12:23:11	2.5	Bottom	3	2	17.46	8.27	31.6	126.3	9.99	3.3	3.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS8	11:52:46	1.0	Surface	1	1	17.28	8.18	31.05	117.8	9.39	3.5	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS8	11:52:37	1.0	Surface	1	2	17.27	8.18	31.06	116.4	9.28	3.5	2.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS8	11:52:40	2.3	Bottom	3	1	17.28	8.18	31.05	117	9.32	3.9	2.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS8	11:52:33	2.3	Bottom	3	2	17.28	8.18	31.05	115.7	9.22	4	2.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)9	12:16:06	1.0	Surface	1	1	17.3	8.23	31.32	126	10.02	2.6	3.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)9	12:15:47	1.0	Surface	1	2	17.3	8.23	31.32	125.6	9.99	2.5	3.2
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)9	12:15:23	2.4	Bottom	3	1	17.29	8.23	31.32	125.1	9.95	2.6	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS(Mf)9	12:15:53	2.4	Bottom	3	2	17.29	8.23	31.35	125.4	9.98	2.5	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:03:14	1.0	Surface	1	1	17.32	8.2	28.98	109.1	8.8	2.2	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:02:33	1.0	Surface	1	2	17.36	8.18	28.97	108	8.71	2.1	3.7
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:02:16	5.3	Middle	2	1	17.05	8.23	31.13	107.7	8.62	2.1	3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:03:02	5.3	Middle	2	2	17.06	8.24	31.05	108.3	8.67	2.2	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:02:49	9.6	Bottom	3	1	17.05	8.22	31.28	107.1	8.57	2.5	3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	IS10	12:02:06	9.6	Bottom	3	2	17.04	8.21	31.27	106.9	8.55	2.4	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR3	12:49:08	0.6	Middle	2	1	17.38	8.24	31.5	124.1	9.85	3.6	6.2
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR3	12:49:05	0.6	Middle	2	2	17.38	8.24	31.5	124.1	9.84	3.6	5.7
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR4	12:01:29	1.0	Surface	1	1	17.41	8.15	31.14	115.1	9.15	2.9	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR4	12:01:17	1.0	Surface	1	2	17.44	8.15	31.06	114.7	9.11	3	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR4	12:01:02	2.5	Bottom	3	1	17.33	8.15	31.43	112.6	8.95	3.1	4.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR4	12:01:21	2.5	Bottom	3	2	17.45	8.15	31.09	114.7	9.11	3	3.5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR5	12:11:44	1.0	Surface	1	1	17.3	8.21	28.98	108.8	8.78	3.3	4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR5	12:12:07	1.0	Surface	1	2	17.32	8.2	28.98	108.3	8.73	3.2	3.7
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR5	12:11:56	3.7	Bottom	3	1	17.08	8.21	30.22	107.5	8.64	3.3	4.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR5	12:11:35	3.7	Bottom	3	2	17.07	8.23	30.92	107.7	8.63	3.4	3.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:51:02	1.0	Surface	1	1	17.18	8.11	31.38	112.4	8.96	1.2	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:47:57	1.0	Surface	1	2	17.07	8.1	31.51	111.4	8.89	1.3	3.6
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:47:49	3.1	Middle	2	1	16.95	8.08	31.85	111.4	8.89	1.3	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:50:41	3.1	Middle	2	2	16.95	8.07	31.95	108.7	8.67	1.3	3.4
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:47:41	5.2	Bottom	3	1	16.94	8.07	31.98	110.8	8.85	1.4	4.7
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10A	10:50:34	5.2	Bottom	3	2	16.94	8.07	32.04	108.6	8.66	1.4	5.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10B	10:42:02	1.0	Surface	1	1	17.12	8.1	31.37	112.4	8.97	1.4	2.9
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10B	10:41:48	1.0	Surface	1	2	17.15	8.1	31.31	111.2	8.87	1.3	3.5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10B	10:41:33	3.8	Bottom	3	1	16.93	8.07	31.88	109.4	8.73	1.4	3.6
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	SR10B	10:41:53	3.8	Bottom	3	2	17.14	8.1	31.46	111.8	8.91	1.4	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:31:56	1.0	Surface	1	1	17.39	8.22	29.37	108.4	8.71	2.2	3.5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:31:14	1.0	Surface	1	2	17.34	8.22	29.45	108.9	8.76	2.1	4.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:31:40	4.0	Middle	2	1	16.98	8.23	30.51	107.4	8.64	2.2	2.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:31:03	4.0	Middle	2	2	17.05	8.23	30.21	108.2	8.71	2.3	3.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:30:45	6.9	Bottom	3	1	16.98	8.22	31.23	107.5	8.61	2.4	4.2
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS2	13:31:28	6.9	Bottom	3	2	17.03	8.22	30.95	107.7	8.63	2.4	3.8
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:19:37	1.0	Surface	1	1	17.17	8.12	31.44	112.1	8.94	1.3	3.5
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:18:39	1.0	Surface	1	2	17.17	8.12	31.44	111.8	8.91	1.3	4.3
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:19:13	6.0	Middle	2	1	16.89	8.07	32.24	111.8	8.91	1.4	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:18:14	6.0	Middle	2	2	16.87	8.07	32.26	110.3	8.79	1.4	3.6
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:19:01	10.9	Bottom	3	1	16.88	8.07	32.3	109.5	8.73	1.5	4.1
HKLR	HY/2011/03	2014-01-29	Mid-Ebb	Sunny	CS(Mf)5	11:18:07	10.9	Bottom	3	2	16.93	8.07	32.16	107.6	8.58	1.4	2.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:41:28	1.0	Surface	1	1	17.43	8.2	31.37	125.3	9.94	3.5	4.6
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:42:08	1.0	Surface	1	2	17.48	8.21	31.34	126.8	10.06	3.5	4.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:41:57	4.6	Middle	2	1	17.38	8.19	31.42	126.5	10.02	3.6	5.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:41:22	4.6	Middle	2	2	17.39	8.19	31.41	125.1	9.93	3.5	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:41:13	8.2	Bottom	3	1	17.37	8.19	31.44	124.8	9.91	3.5	6.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS5	15:41:50	8.2	Bottom	3	2	17.39	8.2	31.43	126	10	3.6	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)6	15:52:40	1.0	Surface	1	1	17.83	8.29	31.67	142.3	11.18	19.2	4.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)6	15:53:07	1.0	Surface	1	2	17.9	8.29	31.59	142.7	11.21	19	4.6
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)6	15:52:49	2.3	Bottom	3	1	17.84	8.29	31.66	142.7	11.2	19.5	3.4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)6	15:52:28	2.3	Bottom	3	2	17.76	8.3	31.74	141.1	11.09	19.7	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS7	16:01:31	1.0	Surface	1	1	18.15	8.28	31.52	137.2	10.72	6.1	2.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS7	16:01:06	1.0	Surface	1	2	18.11	8.28	31.52	134.4	10.51	6	2.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS7	16:01:02	2.3	Bottom	3	1	18.15	8.28	31.5	133.4	10.43	6.2	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS7	16:01:11	2.3	Bottom	3	2	18.15	8.28	31.52	135.2	10.57	6.2	3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS8	16:28:08	1.0	Surface	1	1	17.66	8.25	31.2	132.6	10.48	2.8	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS8	16:27:51	1.0	Surface	1	2	17.66	8.25	31.2	132.7	10.49	2.8	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS8	16:27:58	2.5	Bottom	3	1	17.63	8.25	31.23	132.2	10.45	3.3	7.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS8	16:27:41	2.5	Bottom	3	2	17.59	8.25	31.27	132.2	10.46	3.3	7.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)9	16:10:33	1.0	Surface	1	1	17.64	8.29	31.65	135.2	10.66	15.2	4.4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)9	16:10:57	1.0	Surface	1	2	17.65	8.29	31.63	135.4	10.68	15.1	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)9	16:10:38	2.2	Bottom	3	1	17.58	8.29	31.75	135.3	10.67	15.3	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS(Mf)9	16:10:18	2.2	Bottom	3	2	17.52	8.29	31.8	132.8	10.49	15.3	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:10:34	1.0	Surface	1	1	17.69	8.27	28.53	110.7	8.89	2.5	4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:09:54	1.0	Surface	1	2	17.68	8.27	28.52	110.6	8.88	2.5	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:09:41	5.4	Middle	2	1	17.08	8.26	30.54	108.5	8.71	3.3	3.6
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:10:19	5.4	Middle	2	2	17.05	8.27	30.47	108.6	8.73	3.2	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:10:08	9.8	Bottom	3	1	17.13	8.26	30.82	109.5	8.76	3.4	3.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	IS10	17:09:30	9.8	Bottom	3	2	17.26	8.26	30.7	109.5	8.75	3.2	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR3	15:34:24	0.7	Middle	2	1	17.57	8.23	31.34	116.6	9.23	3.3	4.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR3	15:34:27	0.7	Middle	2	2	17.57	8.23	31.34	117.7	9.31	3.3	4.6
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR4	16:20:43	1.0	Surface	1	1	17.67	8.26	31.19	129.1	10.2	2.5	4.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR4	16:20:52	1.0	Surface	1	2	17.66	8.26	31.2	129.6	10.24	2.4	4.2
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR4	16:20:33	2.4	Bottom	3	1	17.67	8.26	31.19	128.4	10.15	2.5	2.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR4	16:20:47	2.4	Bottom	3	2	17.67	8.26	31.19	129.4	10.22	2.5	3.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR5	16:59:36	1.0	Surface	1	1	17.38	8.23	29.43	107.9	8.67	1.8	3.2
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR5	16:59:54	1.0	Surface	1	2	17.48	8.24	29.15	109.1	8.76	1.7	4.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR5	16:59:45	3.8	Bottom	3	1	17.28	8.23	29.76	108	8.68	1.7	2.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR5	16:59:25	3.8	Bottom	3	2	17.19	8.22	30.03	106.7	8.58	1.7	4.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:51:57	1.0	Surface	1	1	16.97	8.16	32.48	105.6	8.39	1.6	3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:52:23	1.0	Surface	1	2	16.97	8.16	32.47	105.9	8.42	1.4	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:52:12	3.2	Middle	2	1	16.97	8.16	32.47	105.7	8.4	1.5	4.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:51:52	3.2	Middle	2	2	16.97	8.16	32.48	105.4	8.38	1.7	2.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:51:46	5.3	Bottom	3	1	16.97	8.16	32.49	105.3	8.37	1.7	2.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10A	17:52:07	5.3	Bottom	3	2	16.97	8.16	32.47	105.6	8.39	1.5	2.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10B	17:56:45	1.0	Surface	1	1	17.12	8.16	32.19	110.2	8.75	1	3.9
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10B	17:56:58	1.0	Surface	1	2	17.1	8.16	32.22	110	8.73	1	3.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10B	17:56:41	4.0	Bottom	3	1	17.14	8.16	32.18	110.3	8.75	1	5.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	SR10B	17:56:53	4.0	Bottom	3	2	17.11	8.16	32.21	110	8.73	1.1	4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:41:59	1.0	Surface	1	1	17.62	8.17	28.66	107.7	8.65	2.1	3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:41:21	1.0	Surface	1	2	17.67	8.15	28.61	106.9	8.58	2.2	3.1
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:41:07	4.0	Middle	2	1	17.1	8.13	30.15	103.6	8.33	2.2	3.4
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:41:49	4.0	Middle	2	2	17.08	8.16	29.64	105.9	8.54	2.1	3.6
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:41:31	6.9	Bottom	3	1	17.28	8.15	29.81	106.7	8.57	2.2	4.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS2	15:40:50	6.9	Bottom	3	2	17.1	8.09	30.52	101.9	8.18	2.3	3.3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:16:46	1.0	Surface	1	1	17.24	8.21	31.78	113.3	9	2.2	2.5
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:16:08	1.0	Surface	1	2	17.24	8.22	31.78	113.1	8.98	2.3	3.7
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:15:55	6.7	Middle	2	1	17.1	8.19	32.09	111	8.83	2.4	2
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:16:30	6.7	Middle	2	2	16.99	8.17	32.24	113.3	9	2.4	3
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:15:42	12.3	Bottom	3	1	16.99	8.17	32.26	110.4	8.77	2.5	2.8
HKLR	HY/2011/03	2014-01-29	Mid-Flood	Sunny	CS(Mf)5	17:16:22	12.3	Bottom	3	2	17.07	8.18	32.16	111.3	8.86	2.4	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:13:10	1.0	Surface	1	1	18.12	8.22	30.13	135.4	10.67	2.5	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:12:30	1.0	Surface	1	2	18.09	8.22	30.13	134.8	10.64	2.5	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:12:56	4.3	Middle	2	1	18.08	8.21	30.13	134.4	10.61	2.5	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:12:17	4.3	Middle	2	2	18.09	8.21	30.13	134.4	10.61	2.5	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:12:06	7.6	Bottom	3	1	18.09	8.21	30.13	134.5	10.61	2.6	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS5	13:12:42	7.6	Bottom	3	2	18.09	8.21	30.13	134.4	10.61	2.6	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)6	13:24:54	1.0	Surface	1	1	18.08	8.22	30.09	133.3	10.52	1.8	3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)6	13:24:24	1.0	Surface	1	2	18.12	8.22	30.09	132.8	10.48	1.8	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)6	13:24:13	2.2	Bottom	3	1	18.06	8.21	30.09	132.1	10.44	1.8	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)6	13:24:42	2.2	Bottom	3	2	18.06	8.22	30.1	133.1	10.51	1.8	2.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS7	13:31:26	1.0	Surface	1	1	18.31	8.25	30.05	142.3	11.19	1.7	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS7	13:31:56	1.0	Surface	1	2	18.33	8.25	30.05	142.7	11.22	1.7	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS7	13:31:14	2.2	Bottom	3	1	18.19	8.25	30.06	141.7	11.16	1.7	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS7	13:31:43	2.2	Bottom	3	2	18.18	8.25	30.07	142.7	11.24	1.7	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS8	13:53:18	1.0	Surface	1	1	17.97	8.2	29.76	135.9	10.77	2.8	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS8	13:53:47	1.0	Surface	1	2	17.99	8.2	29.78	135.7	10.75	2.9	3.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS8	13:53:37	2.8	Bottom	3	1	17.92	8.2	29.86	135.6	10.75	3.2	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS8	13:53:06	2.8	Bottom	3	2	17.91	8.2	29.85	135.4	10.74	3.1	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)9	13:39:12	1.0	Surface	1	1	18.13	8.23	29.97	141.5	11.16	1.5	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)9	13:38:52	1.0	Surface	1	2	18.14	8.24	29.98	141	11.12	1.5	2.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)9	13:39:01	2.8	Bottom	3	1	18.14	8.25	30.09	141	11.12	1.8	2.8
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS(Mf)9	13:38:44	2.8	Bottom	3	2	18.14	8.24	30.07	140.2	11.06	1.7	4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:49:56	1.0	Surface	1	1	18.18	8.34	30.14	106.5	8.47	4.4	3.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:48:57	1.0	Surface	1	2	18.19	8.35	30.15	107.2	8.53	4.3	2.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:48:38	5.3	Middle	2	1	17.98	8.34	30.19	105.3	8.41	5	3.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:49:39	5.3	Middle	2	2	17.97	8.33	30.19	105.4	8.41	5.1	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:49:23	9.5	Bottom	3	1	17.97	8.34	30.19	105.7	8.44	5.3	3.5
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	IS10	13:48:24	9.5	Bottom	3	2	17.97	8.33	30.19	105.6	8.44	5.6	2.5
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR3	13:00:56	0.7	Middle	2	1	18.09	8.21	30.12	135.1	10.66	1.7	3.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR3	13:01:04	0.7	Middle	2	2	18.08	8.21	30.12	135	10.66	1.6	3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR4	13:46:36	1.0	Surface	1	1	17.95	8.2	29.77	134	10.62	1.8	3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR4	13:46:55	1.0	Surface	1	2	17.94	8.2	29.77	134.7	10.68	1.9	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR4	13:46:44	2.7	Bottom	3	1	17.91	8.2	29.84	134.3	10.65	1.9	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR4	13:46:27	2.7	Bottom	3	2	17.91	8.2	29.85	133.4	10.58	1.8	2.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR5	13:38:58	1.0	Surface	1	1	18.15	8.35	30.16	107.1	8.53	4.7	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR5	13:39:39	1.0	Surface	1	2	18.18	8.35	30.16	107.2	8.53	4.4	4.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR5	13:38:39	4.4	Bottom	3	1	18.06	8.35	30.18	106.7	8.51	4.9	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR5	13:39:17	4.4	Bottom	3	2	18.03	8.35	30.18	106.7	8.52	4.8	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:53:54	1.0	Surface	1	1	17.61	8.12	31.02	116.5	9.23	1.4	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:53:21	1.0	Surface	1	2	17.59	8.12	31.03	116.1	9.2	1.4	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:53:09	3.2	Middle	2	1	17.57	8.11	31.04	116.3	9.21	1.5	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:53:44	3.2	Middle	2	2	17.57	8.12	31.06	116.6	9.24	1.5	2.8
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:53:35	5.4	Bottom	3	1	17.57	8.12	31.06	116.2	9.21	1.5	2.5
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10A	14:52:58	5.4	Bottom	3	2	17.56	8.11	31.07	116	9.19	1.5	2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10B	15:00:59	1.0	Surface	1	1	17.57	8.15	31.04	116.5	9.23	1.6	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10B	15:00:30	1.0	Surface	1	2	17.58	8.15	31.02	115.6	9.16	1.5	4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10B	15:00:19	3.8	Bottom	3	1	17.56	8.14	31.05	115.1	9.13	1.5	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	SR10B	15:00:49	3.8	Bottom	3	2	17.57	8.15	31.05	115.9	9.19	1.5	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:25:01	1.0	Surface	1	1	18.27	8.39	30.14	106.8	8.49	3.1	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:24:16	1.0	Surface	1	2	18.33	8.4	30.18	105.6	8.38	3	2.4
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:24:01	3.4	Middle	2	1	18.21	8.42	30.28	104	8.26	3.6	3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:24:47	3.4	Middle	2	2	18.18	8.39	30.21	106.3	8.45	3.6	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:23:43	5.7	Bottom	3	1	18.15	8.44	30.32	102.6	8.16	4.8	3.7
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS2	12:24:36	5.7	Bottom	3	2	18.14	8.4	30.24	105.5	8.39	4.7	4.1
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:25:19	1.0	Surface	1	1	18.05	8.17	29.94	120.4	9.55	1.6	2.5
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:26:03	1.0	Surface	1	2	18.06	8.18	29.81	121.6	9.66	1.5	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:25:45	6.2	Middle	2	1	17.52	8.1	30.71	124.7	9.86	1.6	2.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:25:07	6.2	Middle	2	2	17.75	8.14	30.34	121.6	9.65	1.6	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:25:35	11.3	Bottom	3	1	17.57	8.11	30.69	110.7	8.8	1.8	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Ebb	Sunny	CS(Mf)5	14:24:55	11.3	Bottom	3	2	17.63	8.12	30.61	110.7	8.8	1.7	3.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS5	9:17:52	1.0	Surface	1	1	18.1	8.22	30.12	134.9	10.65	2.2	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS5	9:18:27	1.0	Surface	1	2	18.11	8.22	30.12	135	10.65	2.1	2.6
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS5	9:17:39	4.4	Middle	2	1	18.11	8.22	30.13	134.4	10.6	2.1	4.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS5	9:18:16	4.4	Middle	2	2	18.11	8.22	30.13	134.6	10.62	2.1	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	2014-02-01	Mid-Flood	Sunny	IS5	9:18:05	7.7	Bottom	3	1	18.11	8.22	30.12	134.5	10.61	2.1	2.6
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS5	9:17:27	7.7	Bottom	3	2	18.12	8.22	30.13	134.1	10.57	2.1	3.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)6	9:09:00	1.0	Surface	1	1	18.08	8.21	30.08	135.2	10.67	2.1	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)6	9:09:18	1.0	Surface	1	2	18.1	8.22	30.08	135.8	10.71	2.1	4.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)6	9:08:51	2.1	Bottom	3	1	18.08	8.22	30.1	134.9	10.65	2.2	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)6	9:09:07	2.1	Bottom	3	2	18.08	8.22	30.11	135.4	10.68	2.2	2.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS7	9:02:34	1.0	Surface	1	1	18.12	8.23	30.05	139.4	11	2.1	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS7	9:02:51	1.0	Surface	1	2	18.11	8.23	30.05	140.2	11.06	2.1	3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS7	9:02:25	2.2	Bottom	3	1	18.1	8.23	30.05	138.6	10.94	2.2	2.4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS7	9:02:41	2.2	Bottom	3	2	18.1	8.23	30.05	139.6	11.02	2.1	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS8	8:40:53	1.0	Surface	1	1	17.82	8.16	29.84	128.7	10.23	1.7	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS8	8:40:31	1.0	Surface	1	2	17.82	8.15	29.85	128.2	10.19	1.7	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS8	8:40:42	3.2	Bottom	3	1	17.8	8.15	29.87	128.3	10.19	1.8	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS8	8:40:21	3.2	Bottom	3	2	17.81	8.15	29.86	128	10.17	1.9	2.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)9	8:56:01	1.0	Surface	1	1	18.04	8.21	30	136	10.75	1.5	2.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)9	8:55:47	1.0	Surface	1	2	18.02	8.2	29.93	135.2	10.69	1.5	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)9	8:55:36	2.8	Bottom	3	1	18.05	8.21	30.07	134.8	10.65	1.6	3.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS(Mf)9	8:55:55	2.8	Bottom	3	2	18.04	8.21	30.06	135.6	10.71	1.5	2.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:45:11	1.0	Surface	1	1	17.98	8.32	30.14	105.2	8.39	4.6	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:44:18	1.0	Surface	1	2	17.98	8.32	30.13	105.3	8.41	4.5	2.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:44:05	5.3	Middle	2	1	17.94	8.31	30.19	104.6	8.36	5.1	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:44:51	5.3	Middle	2	2	17.94	8.32	30.2	104.7	8.36	4.9	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:43:52	9.6	Bottom	3	1	17.94	8.31	30.21	104.8	8.37	5.2	3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	IS10	8:44:37	9.6	Bottom	3	2	17.96	8.32	30.2	105.1	8.39	5.2	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR3	9:26:16	0.7	Middle	2	1	18.1	8.22	30.12	135.2	10.67	2.5	2.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR3	9:26:09	0.7	Middle	2	2	18.11	8.22	30.12	135.3	10.67	2.4	3.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR4	8:45:42	1.0	Surface	1	1	17.8	8.15	29.76	125.7	10	1.6	3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR4	8:46:00	1.0	Surface	1	2	17.78	8.15	29.77	126.1	10.03	1.6	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR4	8:45:50	2.8	Bottom	3	1	17.77	8.14	29.8	125.9	10.02	1.8	4.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR4	8:45:31	2.8	Bottom	3	2	17.76	8.14	29.82	125.5	9.98	1.7	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR5	8:54:49	1.0	Surface	1	1	18.01	8.33	30.17	105.4	8.42	5.4	3.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR5	8:54:16	1.0	Surface	1	2	18.01	8.33	30.17	105.4	8.41	5.5	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR5	8:54:01	4.3	Bottom	3	1	18.01	8.33	30.19	105.1	8.38	5.5	3.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR5	8:54:33	4.3	Bottom	3	2	18	8.33	30.19	105.2	8.39	5.5	3.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:38:52	1.0	Surface	1	1	17.5	8.02	30.72	113.1	9	1.8	3.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:38:16	1.0	Surface	1	2	17.52	8.02	30.69	113.3	9.01	1.8	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:38:39	3.3	Middle	2	1	17.48	8.02	30.8	112.8	8.97	1.9	3.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:38:03	3.3	Middle	2	2	17.48	8.01	30.77	112.8	8.97	1.8	2.9
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:37:52	5.6	Bottom	3	1	17.48	8.01	30.78	112.7	8.96	1.9	2.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10A	7:38:30	5.6	Bottom	3	2	17.47	8.02	30.84	112.8	8.97	2	3.6
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10B	7:31:09	1.0	Surface	1	1	17.48	7.98	30.82	113.3	9.01	1.8	4.2
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10B	7:31:25	1.0	Surface	1	2	17.48	7.98	30.84	113.5	9.02	1.8	5.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10B	7:31:18	4.2	Bottom	3	1	17.48	7.98	30.83	113.3	9.01	1.8	4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	SR10B	7:30:59	4.2	Bottom	3	2	17.47	7.98	30.82	113	8.99	1.8	3.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:11:11	1.0	Surface	1	1	18.11	8.32	30.02	104.4	8.32	4.7	3.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:12:04	1.0	Surface	1	2	18.12	8.33	30	104.4	8.33	4.9	3.4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:10:56	3.5	Middle	2	1	18.08	8.33	30.12	103.9	8.28	5.3	4
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:11:46	3.5	Middle	2	2	18.08	8.33	30.13	104	8.29	5.5	2.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:11:34	6.0	Bottom	3	1	18.06	8.32	30.18	103.7	8.27	6.8	3.5
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS2	10:10:33	6.0	Bottom	3	2	18.05	8.32	30.18	103.7	8.27	7.1	4.1
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:09:58	1.0	Surface	1	1	17.58	8.06	30.37	114.8	9.14	1.8	2.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:10:34	1.0	Surface	1	2	17.58	8.06	30.38	114.6	9.12	1.8	2.8
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:09:44	6.5	Middle	2	1	17.56	8.06	30.42	113.8	9.05	2.5	4.3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:10:22	6.5	Middle	2	2	17.56	8.06	30.44	114.2	9.08	2.5	3.7
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:09:31	11.9	Bottom	3	1	17.55	8.06	30.48	113.6	9.04	3.6	3
HKLR	HY/2011/03	2014-02-01	Mid-Flood	Sunny	CS(Mf)5	8:10:11	11.9	Bottom	3	2	17.57	8.06	30.45	114.4	9.1	3.5	3.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:26:54	1.0	Surface	1	1	18.43	8.26	29.86	136.3	10.69	1.5	5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:27:22	1.0	Surface	1	2	18.47	8.27	29.82	137.8	10.81	1.4	3.7
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:26:48	4.7	Middle	2	1	18.4	8.25	29.85	135.5	10.63	1.6	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:27:13	4.7	Middle	2	2	18.42	8.26	29.86	137	10.76	1.7	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:26:41	8.4	Bottom	3	1	18.43	8.26	29.85	135.6	10.64	1.8	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS5	14:27:06	8.4	Bottom	3	2	18.41	8.25	29.84	136.8	10.74	1.9	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)6	14:37:10	1.0	Surface	1	1	18.11	8.16	29.97	117.1	9.23	1.6	3.5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)6	14:36:57	1.0	Surface	1	2	18.15	8.17	29.95	107.2	8.44	1.7	3.5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)6	14:37:05	2.4	Bottom	3	1	18.17	8.17	29.97	114	8.98	2.1	3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)6	14:36:50	2.4	Bottom	3	2	18.12	8.19	30.07	100.7	7.94	2	3.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS7	14:47:00	1.0	Surface	1	1	18.08	8.15	29.98	118.2	9.33	2.4	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS7	14:47:12	1.0	Surface	1	2	18.07	8.15	29.99	123.4	9.73	2.5	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS7	14:46:53	2.4	Bottom	3	1	18.18	8.16	29.95	113.7	8.96	2.5	2.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS7	14:47:06	2.4	Bottom	3	2	18.11	8.16	30	121.6	9.59	2.5	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS8	15:11:58	1.0	Surface	1	1	18.24	8.17	29.84	129.8	10.21	1.3	3.5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS8	15:11:30	1.0	Surface	1	2	18.24	8.17	29.85	122.3	9.62	1.3	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS8	15:11:20	2.5	Bottom	3	1	18.11	8.16	30.01	122.3	9.62	1.4	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS8	15:11:40	2.5	Bottom	3	2	18.14	8.17	30	126	9.93	1.5	4.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)9	14:55:57	1.0	Surface	1	1	18.16	8.16	29.88	130.5	10.28	1.6	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)9	14:56:17	1.0	Surface	1	2	18.16	8.16	29.88	131.2	10.34	1.4	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)9	14:55:47	2.4	Bottom	3	1	18.09	8.17	30	130.2	10.27	1.7	3.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS(Mf)9	14:56:07	2.4	Bottom	3	2	18.11	8.17	29.98	130.7	10.32	1.6	3.7
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:55:55	1.0	Surface	1	1	18.36	8.36	29.56	127.2	10.02	3.4	4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:56:44	1.0	Surface	1	2	18.31	8.35	29.58	126.9	10	3.4	4.2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:56:33	5.2	Middle	2	1	18.27	8.35	29.6	126.3	9.97	4.4	4.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:55:44	5.2	Middle	2	2	18.28	8.35	29.6	126.3	9.97	4.4	5.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:56:21	9.4	Bottom	3	1	18.27	8.35	29.61	126.5	9.98	4.7	4.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	IS10	15:55:26	9.4	Bottom	3	2	18.29	8.35	29.61	126.8	10	5	4.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR3	14:17:12	0.7	Middle	2	1	18.47	8.27	29.82	124.4	9.75	1.3	2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR3	14:17:08	0.7	Middle	2	2	18.48	8.27	29.83	121	9.49	1.3	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR4	15:03:03	1.0	Surface	1	1	18.18	8.16	29.87	131.5	10.36	1.1	3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR4	15:03:20	1.0	Surface	1	2	18.11	8.16	29.94	131.4	10.36	1.2	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR4	15:02:52	2.5	Bottom	3	1	18.07	8.16	30.04	131.5	10.38	1.3	4.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR4	15:03:15	2.5	Bottom	3	2	18.11	8.17	29.99	131.4	10.37	1.3	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR5	15:42:43	1.0	Surface	1	1	18.35	8.37	29.56	126.5	9.97	3.3	6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR5	15:42:24	1.0	Surface	1	2	18.36	8.37	29.55	125.7	9.91	3.3	4.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR5	15:42:14	3.8	Bottom	3	1	18.32	8.37	29.57	125.1	9.86	3.6	6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR5	15:42:32	3.8	Bottom	3	2	18.3	8.36	29.57	125.9	9.93	3.7	5.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:11:37	1.0	Surface	1	1	18.02	8.15	30.82	121.2	9.53	1	2.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:12:23	1.0	Surface	1	2	18.01	8.17	30.79	123.6	9.72	1.1	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:11:24	3.3	Middle	2	1	17.89	8.11	31.03	117.9	9.28	1.3	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:12:09	3.3	Middle	2	2	17.9	8.16	30.96	122.1	9.61	1.4	2.7
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:11:12	5.5	Bottom	3	1	17.89	8.11	31.11	115.4	9.08	1.4	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10A	16:11:55	5.5	Bottom	3	2	17.88	8.14	31.03	121.6	9.57	1.4	4.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10B	16:23:13	1.0	Surface	1	1	18.05	8.2	30.78	124.7	9.79	0.9	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10B	16:23:30	1.0	Surface	1	2	18.03	8.21	30.8	125.1	9.83	0.9	3.7
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10B	16:23:22	4.5	Bottom	3	1	17.99	8.21	30.84	125	9.84	1	2.2
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	SR10B	16:23:03	4.5	Bottom	3	2	17.89	8.18	30.93	124.6	9.81	1.1	3.5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:16:18	1.0	Surface	1	1	18.36	8.34	29	125.9	9.95	2.1	4.5
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:16:59	1.0	Surface	1	2	18.29	8.34	29.04	125.3	9.91	2.1	4.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:16:48	4.0	Middle	2	1	18.18	8.34	29.51	124.6	9.85	3.4	4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:16:06	4.0	Middle	2	2	18.19	8.34	29.36	124.6	9.86	3.4	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:15:50	6.9	Bottom	3	1	18.22	8.34	29.58	124.9	9.87	3.4	3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS2	14:16:35	6.9	Bottom	3	2	18.23	8.34	29.59	124.9	9.86	3.3	2.7
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:43:14	1.0	Surface	1	1	18.09	8.18	30.05	127.7	10.08	1	3.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:43:45	1.0	Surface	1	2	18.06	8.17	30.04	127.5	10.05	1.1	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	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:43:06	6.8	Middle	2	1	17.98	8.15	30.24	126.6	9.99	1.3	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:43:37	6.8	Middle	2	2	18	8.17	30.24	127.3	10.04	1.3	3.4
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:43:27	12.5	Bottom	3	1	17.94	8.14	30.43	125.8	9.92	1.4	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Ebb	Sunny	CS(Mf)5	15:42:56	12.5	Bottom	3	2	17.94	8.15	30.44	126.6	9.99	1.5	3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:28:13	1.0	Surface	1	1	18.41	8.25	29.84	132.8	10.42	1.7	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:27:50	1.0	Surface	1	2	18.41	8.25	29.85	126	9.89	1.6	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:28:07	4.7	Middle	2	1	18.4	8.25	29.86	131.4	10.31	1.9	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:27:44	4.7	Middle	2	2	18.39	8.23	29.86	122.2	9.59	2	4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:27:37	8.3	Bottom	3	1	18.4	8.25	29.88	118.2	9.28	2.2	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS5	10:28:00	8.3	Bottom	3	2	18.4	8.24	29.86	129.6	10.17	2.1	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)6	10:18:27	1.0	Surface	1	1	18.44	8.28	29.85	124.9	9.8	2.1	3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)6	10:18:39	1.0	Surface	1	2	18.44	8.28	29.85	133.2	10.45	2	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)6	10:18:19	2.4	Bottom	3	1	18.43	8.29	29.89	115.8	9.09	2.3	2.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)6	10:18:33	2.4	Bottom	3	2	18.45	8.29	29.87	130.2	10.21	2.2	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS7	10:12:34	1.0	Surface	1	1	18.5	8.28	29.79	126.4	9.91	1.7	3.8
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS7	10:12:45	1.0	Surface	1	2	18.5	8.28	29.79	133.7	10.47	1.6	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS7	10:12:39	2.4	Bottom	3	1	18.52	8.29	29.79	130.7	10.25	1.8	3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS7	10:12:28	2.4	Bottom	3	2	18.49	8.29	29.8	120.8	9.47	1.7	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS8	9:50:16	1.0	Surface	1	1	18.34	8.19	29.45	129	10.16	1.3	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS8	9:50:29	1.0	Surface	1	2	18.28	8.19	29.46	131.2	10.34	1.3	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS8	9:50:23	2.5	Bottom	3	1	18.32	8.2	29.44	130.2	10.26	1.6	4.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS8	9:49:36	2.5	Bottom	3	2	18.25	8.19	29.46	124.5	9.82	1.5	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)9	10:06:14	1.0	Surface	1	1	18.58	8.23	29.65	128.4	10.05	1.2	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)9	10:06:28	1.0	Surface	1	2	18.59	8.23	29.67	134.1	10.49	1.1	2.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)9	10:06:22	2.5	Bottom	3	1	18.59	8.24	29.7	132.3	10.36	1.2	3.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS(Mf)9	10:06:07	2.5	Bottom	3	2	18.6	8.24	29.71	123.8	9.69	1.3	2.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:50:13	1.0	Surface	1	1	18.32	8.35	29.59	125.7	9.9	3.7	3.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:49:39	1.0	Surface	1	2	18.32	8.35	29.58	125.3	9.87	3.7	4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:50:01	5.4	Middle	2	1	18.31	8.35	29.62	125.1	9.86	3.9	4.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:49:26	5.4	Middle	2	2	18.31	8.35	29.61	124.8	9.84	3.7	4.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:49:17	9.8	Bottom	3	1	18.31	8.35	29.61	124.5	9.81	3.8	4.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	IS10	9:49:52	9.8	Bottom	3	2	18.31	8.35	29.61	125	9.85	3.8	4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR3	10:37:46	0.7	Middle	2	1	18.49	8.27	29.83	138.5	10.86	1	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR3	10:37:53	0.7	Middle	2	2	18.49	8.26	29.82	138.9	10.88	1	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR4	9:59:07	1.0	Surface	1	1	18.28	8.18	29.46	133.8	10.54	1.2	2.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR4	9:59:21	1.0	Surface	1	2	18.3	8.19	29.45	134.1	10.56	1.2	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR4	9:59:01	2.5	Bottom	3	1	18.31	8.19	29.45	133.6	10.53	1.3	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR4	9:59:14	2.5	Bottom	3	2	18.32	8.2	29.45	134.1	10.57	1.4	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR5	10:00:04	1.0	Surface	1	1	18.33	8.35	29.57	126.4	9.96	2.3	3.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR5	10:00:27	1.0	Surface	1	2	18.32	8.35	29.58	126.4	9.96	2.4	3.4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR5	10:00:17	3.9	Bottom	3	1	18.32	8.35	29.59	126.3	9.95	2.5	4.4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR5	9:59:51	3.9	Bottom	3	2	18.32	8.35	29.59	126.3	9.95	2.3	3.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:54:32	1.0	Surface	1	1	17.93	8.15	30.15	121.1	9.57	1.6	3.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:53:58	1.0	Surface	1	2	17.93	8.16	30.16	119.1	9.42	1.5	3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:53:46	3.3	Middle	2	1	17.9	8.15	30.22	116.6	9.22	1.6	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:54:21	3.3	Middle	2	2	17.93	8.16	30.19	120.5	9.53	1.7	4.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:53:37	5.5	Bottom	3	1	17.9	8.15	30.27	114.5	9.05	1.7	2.7
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10A	8:54:10	5.5	Bottom	3	2	17.91	8.15	30.23	119.7	9.46	1.7	2.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10B	8:43:49	1.0	Surface	1	1	17.88	8.12	30.24	118	9.33	2	2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10B	8:43:35	1.0	Surface	1	2	17.88	8.12	30.2	118.6	9.38	2.1	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10B	8:43:27	4.4	Bottom	3	1	17.89	8.12	30.17	116.7	9.24	2.4	2.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	SR10B	8:43:42	4.4	Bottom	3	2	17.89	8.13	30.23	119.7	9.47	2.5	2.4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:22:36	1.0	Surface	1	1	18.33	8.34	29.07	125	9.88	3.3	2.9
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:23:17	1.0	Surface	1	2	18.46	8.34	28.97	125.6	9.91	3.4	2.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:22:27	4.1	Middle	2	1	18.18	8.34	29.46	124.3	9.83	3.7	2.8
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:22:59	4.1	Middle	2	2	18.19	8.34	29.55	124.3	9.82	3.7	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:22:09	7.1	Bottom	3	1	18.22	8.34	29.64	124.5	9.83	3.6	2.4
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS2	11:22:47	7.1	Bottom	3	2	18.24	8.34	29.54	124.6	9.84	3.7	2.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:22:29	1.0	Surface	1	1	18.06	8.16	29.73	121	9.57	2.9	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:23:03	1.0	Surface	1	2	18.11	8.16	29.62	123.8	9.78	2.9	2.3
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:22:53	6.8	Middle	2	1	18	8.15	30.01	122.8	9.7	3	3.1
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:22:19	6.8	Middle	2	2	17.99	8.14	29.99	118.6	9.37	3.1	3.6
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:22:08	12.5	Bottom	3	1	17.99	8.14	30.03	116.5	9.21	3.2	2.2
HKLR	HY/2011/03	2014-02-03	Mid-Flood	Sunny	CS(Mf)5	9:22:43	12.5	Bottom	3	2	18	8.14	29.98	122.5	9.68	3.2	4.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:09:41	1.0	Surface	1	1	18.52	8.26	30.93	125	9.74	2.8	3.7
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:10:09	1.0	Surface	1	2	18.52	8.26	30.91	125	9.74	2.6	5.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:10:00	4.4	Middle	2	1	18.47	8.25	30.99	124.4	9.69	2.7	6.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:09:32	4.4	Middle	2	2	18.48	8.26	30.99	124.7	9.72	2.5	5.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:09:16	7.8	Bottom	3	1	18.47	8.26	31.02	124.7	9.72	2.5	6.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS5	16:09:53	7.8	Bottom	3	2	18.46	8.25	31.04	124.6	9.71	2.8	4.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)6	16:17:09	1.0	Surface	1	1	18.68	8.29	30.51	124.3	9.68	2.2	5.7
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)6	16:17:25	1.0	Surface	1	2	18.68	8.29	30.5	125.7	9.79	2	4.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)6	16:17:00	2.3	Bottom	3	1	18.66	8.29	30.5	122.5	9.54	2.5	6.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)6	16:17:16	2.3	Bottom	3	2	18.66	8.29	30.49	124.9	9.73	2.3	4.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS7	16:25:50	1.0	Surface	1	1	18.59	8.3	30.28	132.2	10.32	2	5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS7	16:25:32	1.0	Surface	1	2	18.58	8.3	30.29	130.6	10.2	1.9	4.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS7	16:25:41	2.3	Bottom	3	1	18.58	8.3	30.3	131.5	10.27	2.2	6.7
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS7	16:25:21	2.3	Bottom	3	2	18.58	8.3	30.29	128.8	10.06	2.1	6.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS8	16:48:36	1.0	Surface	1	1	18.53	8.26	30.34	133.7	10.44	2.3	3.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS8	16:48:21	1.0	Surface	1	2	18.54	8.26	30.34	133.4	10.42	2.2	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS8	16:48:28	2.8	Bottom	3	1	18.53	8.26	30.38	133.3	10.41	2.4	3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS8	16:48:13	2.8	Bottom	3	2	18.54	8.26	30.36	133.3	10.41	2.2	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)9	16:34:02	1.0	Surface	1	1	18.52	8.28	30.17	132.6	10.37	1.6	4.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)9	16:33:32	1.0	Surface	1	2	18.52	8.28	30.18	131.4	10.28	1.6	3.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)9	16:33:24	2.3	Bottom	3	1	18.5	8.28	30.18	130.3	10.2	1.7	4.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS(Mf)9	16:33:44	2.3	Bottom	3	2	18.51	8.28	30.18	131.7	10.31	1.7	4.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:26:53	1.0	Surface	1	1	18.44	8.45	29.61	127.1	10	1.6	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:27:30	1.0	Surface	1	2	18.47	8.46	29.57	127.6	10.03	1.6	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:27:17	5.3	Middle	2	1	18.3	8.43	29.95	125.4	9.87	1.5	3.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:26:42	5.3	Middle	2	2	18.3	8.43	29.95	125.5	9.88	1.5	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:26:33	9.5	Bottom	3	1	18.29	8.43	29.98	126.6	9.96	1.6	4.7
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	IS10	17:27:08	9.5	Bottom	3	2	18.29	8.43	29.99	126.3	9.94	1.5	4.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR3	15:52:44	0.8	Middle	2	1	18.54	8.27	31.06	123	9.57	2.4	5.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR3	15:52:35	0.8	Middle	2	2	18.54	8.27	31.04	121.8	9.48	2.5	4.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR4	16:41:52	1.0	Surface	1	1	18.51	8.26	30.33	131.6	10.29	3	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR4	16:42:12	1.0	Surface	1	2	18.51	8.26	30.31	132.4	10.35	3	2.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR4	16:41:43	2.5	Bottom	3	1	18.48	8.26	30.47	130.3	10.18	2.6	2.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR4	16:42:01	2.5	Bottom	3	2	18.49	8.26	30.43	131.8	10.3	2.4	2.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR5	17:16:48	1.0	Surface	1	1	18.44	8.45	29.61	127.5	10.02	1.9	2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR5	17:16:23	1.0	Surface	1	2	18.4	8.45	29.71	126.6	9.95	1.8	3.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR5	17:16:39	3.9	Bottom	3	1	18.35	8.44	29.88	126.8	9.97	1.8	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR5	17:16:16	3.9	Bottom	3	2	18.38	8.45	29.81	126	9.91	1.9	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:52:28	1.0	Surface	1	1	18.16	8.24	31.33	126.7	9.91	1.2	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:51:54	1.0	Surface	1	2	18.21	8.24	31.22	127.1	9.94	1.2	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:52:16	3.4	Middle	2	1	18.12	8.22	31.42	126.2	9.87	1.5	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:51:39	3.4	Middle	2	2	18.13	8.22	31.41	125.6	9.83	1.4	2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:51:32	5.7	Bottom	3	1	18.13	8.22	31.39	125.1	9.79	1.5	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10A	17:52:08	5.7	Bottom	3	2	18.12	8.22	31.42	126.4	9.9	1.6	2.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10B	18:07:40	1.0	Surface	1	1	18.12	8.23	31.4	125.9	9.86	1.4	2.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10B	18:08:01	1.0	Surface	1	2	18.13	8.23	31.37	125.8	9.85	1.3	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10B	18:07:51	4.5	Bottom	3	1	18.1	8.22	31.46	125.7	9.84	1.4	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	SR10B	18:07:32	4.5	Bottom	3	2	18.11	8.23	31.43	125.9	9.85	1.4	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:52:07	1.0	Surface	1	1	18.6	8.52	29.61	126	9.88	1.5	3.1
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:51:35	1.0	Surface	1	2	18.64	8.53	29.62	123.8	9.7	1.6	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:51:56	4.1	Middle	2	1	18.38	8.49	29.96	123.6	9.71	1.8	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:51:18	4.1	Middle	2	2	18.34	8.5	30.1	118.3	9.29	1.8	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:50:58	7.1	Bottom	3	1	18.23	8.49	30.3	118.1	9.28	1.8	2.7
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS2	15:51:45	7.1	Bottom	3	2	18.37	8.5	30	124.1	9.75	1.8	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:26:10	1.0	Surface	1	1	18.14	8.25	31.04	127.2	9.98	1.4	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:25:36	1.0	Surface	1	2	18.13	8.24	31.05	126.4	9.91	1.5	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:25:24	6.6	Middle	2	1	18.1	8.22	31.25	125.5	9.83	1.5	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:25:56	6.6	Middle	2	2	18.11	8.23	31.23	126.1	9.88	1.5	2.3
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:25:16	12.2	Bottom	3	1	18.11	8.22	31.24	125.7	9.85	1.3	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Ebb	Sunny	CS(Mf)5	17:25:46	12.2	Bottom	3	2	18.12	8.23	31.18	126.6	9.92	1.4	2.1
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:51	1.0	Surface	1	1	18.46	8.28	29.84	123.1	9.66	2.1	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:20	1.0	Surface	1	2	18.46	8.28	29.84	122.8	9.64	2.2	3.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:38	4.4	Middle	2	1	18.44	8.27	29.9	122.6	9.62	1.9	4.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:11	4.4	Middle	2	2	18.44	8.28	29.89	122.2	9.59	1.8	3.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:01	7.7	Bottom	3	1	18.44	8.28	29.89	121.9	9.57	2	4.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS5	11:30:30	7.7	Bottom	3	2	18.44	8.27	29.89	122.5	9.61	2.1	3.8
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)6	11:19:38	1.0	Surface	1	1	18.43	8.28	29.92	120.4	9.45	2.4	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)6	11:20:01	1.0	Surface	1	2	18.42	8.28	29.93	123.1	9.66	2.2	3.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)6	11:19:47	2.2	Bottom	3	1	18.42	8.28	29.94	121.7	9.55	3	3.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)6	11:19:30	2.2	Bottom	3	2	18.41	8.28	29.93	118.2	9.28	2.9	3.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS7	11:13:00	1.0	Surface	1	1	18.41	8.26	29.86	121.5	9.55	2.4	4.1
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS7	11:13:15	1.0	Surface	1	2	18.4	8.27	29.86	122.7	9.64	2.2	3.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS7	11:13:06	2.4	Bottom	3	1	18.4	8.26	29.86	122	9.59	2.3	5.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS7	11:12:54	2.4	Bottom	3	2	18.41	8.26	29.87	120.6	9.48	2.4	5.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS8	10:46:39	1.0	Surface	1	1	18.21	8.22	30.02	123.2	9.7	3.2	3.1
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS8	10:46:52	1.0	Surface	1	2	18.21	8.22	30.02	123.9	9.76	3	2.1
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS8	10:46:43	2.8	Bottom	3	1	18.21	8.22	30.02	123.4	9.72	4.5	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS8	10:46:26	2.8	Bottom	3	2	18.21	8.21	30.02	121.7	9.59	4.6	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)9	11:05:52	1.0	Surface	1	1	18.31	8.22	29.66	121.8	9.6	2.6	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)9	11:05:37	1.0	Surface	1	2	18.31	8.22	29.66	121.1	9.54	2.9	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)9	11:05:45	2.5	Bottom	3	1	18.31	8.22	29.66	121.5	9.58	2.7	2.7
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS(Mf)9	11:05:28	2.5	Bottom	3	2	18.31	8.22	29.66	120.2	9.47	2.5	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:02:13	1.0	Surface	1	1	18.24	8.38	30.09	118	9.28	3.1	3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:01:27	1.0	Surface	1	2	18.25	8.38	30.08	117.8	9.27	2.9	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:02:02	5.4	Middle	2	1	18.23	8.37	30.12	117.5	9.24	3.6	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:01:13	5.4	Middle	2	2	18.22	8.37	30.12	117	9.21	3.5	2.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:00:37	9.8	Bottom	3	1	18.22	8.37	30.15	117.1	9.22	3.6	4.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	IS10	11:01:49	9.8	Bottom	3	2	18.21	8.37	30.16	117.5	9.25	3.6	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR3	11:42:02	0.8	Middle	2	1	18.51	8.28	29.85	123.3	9.67	2.5	4.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR3	11:41:39	0.8	Middle	2	2	18.47	8.28	29.84	123.1	9.66	2.3	4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR4	10:54:41	1.0	Surface	1	1	18.21	8.22	30.03	125.1	9.86	2.2	3.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR4	10:55:01	1.0	Surface	1	2	18.21	8.22	30.03	125.3	9.87	2.2	3.7
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR4	10:54:34	2.7	Bottom	3	1	18.21	8.22	30.03	125	9.85	2.2	4.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR4	10:54:49	2.7	Bottom	3	2	18.21	8.22	30.03	125.2	9.86	2.1	4.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR5	11:09:52	1.0	Surface	1	1	18.24	8.38	30.1	118.3	9.31	3.7	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR5	11:09:33	1.0	Surface	1	2	18.25	8.38	30.09	118.6	9.33	3.6	3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR5	11:09:44	3.7	Bottom	3	1	18.22	8.38	30.13	118.3	9.31	3.7	2.7
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR5	11:09:23	3.7	Bottom	3	2	18.24	8.38	30.1	118.4	9.32	3.7	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:50:22	1.0	Surface	1	1	18	8.16	30.98	119.4	9.39	1.7	2.8
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:49:53	1.0	Surface	1	2	18.01	8.17	30.94	119.1	9.37	1.6	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:50:12	3.4	Middle	2	1	17.99	8.16	31.05	119	9.36	1.6	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:49:45	3.4	Middle	2	2	17.99	8.16	31.04	118.6	9.32	1.7	2.4
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:49:35	5.8	Bottom	3	1	17.99	8.16	31.07	118.5	9.31	1.7	3.1
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10A	9:50:02	5.8	Bottom	3	2	18	8.16	31.04	119.2	9.37	1.7	3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10B	9:35:14	1.0	Surface	1	1	17.95	8.15	31.3	117.9	9.27	1.6	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10B	9:35:00	1.0	Surface	1	2	17.95	8.15	31.3	117.9	9.26	1.6	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10B	9:35:07	4.6	Bottom	3	1	17.95	8.15	31.3	117.9	9.27	1.7	2.7
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	SR10B	9:34:45	4.6	Bottom	3	2	17.95	8.14	31.31	117.3	9.22	1.7	2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:26:25	1.0	Surface	1	1	18.24	8.39	30.15	121.2	9.53	2.3	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:25:52	1.0	Surface	1	2	18.25	8.39	30.14	121.3	9.54	2.3	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:25:39	4.1	Middle	2	1	18.18	8.38	30.24	120.5	9.49	2.8	3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:26:15	4.1	Middle	2	2	18.18	8.38	30.24	120.6	9.49	2.9	2.6
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:26:05	7.1	Bottom	3	1	18.19	8.38	30.23	120.9	9.52	2.8	2.9
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS2	12:25:31	7.1	Bottom	3	2	18.17	8.38	30.25	120.7	9.51	2.8	2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:19:10	1.0	Surface	1	1	18.13	8.19	30.22	123.8	9.75	1.4	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:18:23	1.0	Surface	1	2	18.12	8.19	30.23	122.8	9.68	1.4	3.3
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:18:49	6.8	Middle	2	1	18.08	8.16	30.6	121.7	9.58	1.6	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:18:09	6.8	Middle	2	2	18.08	8.16	30.59	121.5	9.56	1.6	2.2
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:18:40	12.5	Bottom	3	1	18.07	8.16	30.63	122.4	9.63	1.8	2.5
HKLR	HY/2011/03	2014-02-05	Mid-Flood	Fine	CS(Mf)5	10:17:56	12.5	Bottom	3	2	18.08	8.16	30.6	122.3	9.62	1.7	2.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:40:32	1.0	Surface	1	1	19.15	8.29	30.73	131.9	10.16	1.8	2.6
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:41:05	1.0	Surface	1	2	19.15	8.29	30.72	131.9	10.16	1.8	3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:40:24	4.2	Middle	2	1	19.17	8.29	30.77	131.3	10.11	1.9	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:40:57	4.2	Middle	2	2	19.17	8.29	30.76	131.5	10.13	1.8	3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:40:48	7.4	Bottom	3	1	19.18	8.28	30.8	131.9	10.15	1.8	2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS5	18:40:08	7.4	Bottom	3	2	19.17	8.28	30.83	131.8	10.15	1.9	3.6
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)6	18:46:57	1.0	Surface	1	1	19.16	8.29	30.57	126.6	9.76	2.2	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)6	18:47:12	1.0	Surface	1	2	19.16	8.29	30.58	126.5	9.76	2.3	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)6	18:46:49	2.1	Bottom	3	1	19.16	8.29	30.63	126.5	9.75	2.3	3.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)6	18:47:04	2.1	Bottom	3	2	19.17	8.28	30.67	126.8	9.77	2.3	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS7	18:53:14	1.0	Surface	1	1	19.34	8.31	30.23	133.1	10.25	2.2	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS7	18:53:32	1.0	Surface	1	2	19.33	8.31	30.24	133.3	10.27	2.1	4.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS7	18:53:23	2.3	Bottom	3	1	19.32	8.3	30.26	133.4	10.28	2.2	2.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS7	18:53:05	2.3	Bottom	3	2	19.32	8.3	30.26	132.4	10.2	2.2	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS8	19:17:05	1.0	Surface	1	1	19.3	8.32	30.35	134.1	10.33	1.7	3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS8	19:17:18	1.0	Surface	1	2	19.3	8.32	30.35	134.3	10.35	1.7	3.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS8	19:16:58	3.0	Bottom	3	1	19.3	8.32	30.4	134.2	10.33	1.7	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS8	19:17:11	3.0	Bottom	3	2	19.29	8.32	30.38	134.4	10.35	1.7	3.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)9	18:59:53	1.0	Surface	1	1	19.18	8.3	30.26	131.4	10.15	3.1	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)9	18:59:41	1.0	Surface	1	2	19.18	8.3	30.26	131.3	10.14	3.2	3.6
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)9	18:59:33	2.4	Bottom	3	1	19.17	8.3	30.28	130.9	10.11	3.1	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS(Mf)9	18:59:46	2.4	Bottom	3	2	19.18	8.3	30.27	131.4	10.15	3.1	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:22	1.0	Surface	1	1	19.1	8.5	28.88	130.9	10.21	1.7	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:52	1.0	Surface	1	2	19.07	8.5	28.89	130.2	10.16	1.6	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:43	5.0	Middle	2	1	18.75	8.47	29.73	128.6	10.05	2	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:13	5.0	Middle	2	2	18.75	8.47	29.75	129.1	10.08	2.2	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:05	8.9	Bottom	3	1	18.75	8.47	29.76	131.3	10.26	1.7	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	IS10	19:28:33	8.9	Bottom	3	2	18.85	8.48	29.57	130.7	10.2	1.6	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR3	18:30:00	0.7	Middle	2	1	19.15	8.29	30.85	129.4	9.96	2.2	2.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR3	18:30:10	0.7	Middle	2	2	19.14	8.29	30.84	130.6	10.06	2.2	2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR4	19:10:29	1.0	Surface	1	1	19.31	8.31	30.37	132.5	10.2	1.5	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR4	19:10:46	1.0	Surface	1	2	19.29	8.31	30.36	133.2	10.26	1.7	2.4
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR4	19:10:37	2.8	Bottom	3	1	19.34	8.31	30.44	133.2	10.25	1.5	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR4	19:10:21	2.8	Bottom	3	2	19.31	8.31	30.44	132.2	10.18	1.5	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR5	19:21:03	1.0	Surface	1	1	19.26	8.52	28.64	133.5	10.4	1.2	2.4
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR5	19:21:27	1.0	Surface	1	2	19.21	8.52	28.72	134.4	10.47	1.1	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR5	19:21:13	4.4	Bottom	3	1	18.93	8.51	29.39	133	10.37	1.3	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR5	19:20:50	4.4	Bottom	3	2	18.82	8.49	29.58	131.3	10.25	1.4	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10A	20:26:59	1.0	Surface	1	1	18.67	8.23	31	125.9	9.77	1.4	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10A	20:27:29	1.0	Surface	1	2	18.68	8.23	30.99	126.1	9.79	1.4	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	2014-02-07	Mid-Ebb	Sunny	SR10A	20:26:46	3.3	Middle	2	1	18.68	8.23	31	125.5	9.74	1.4	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10A	20:27:19	3.3	Middle	2	2	18.68	8.23	31	125.9	9.78	1.4	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10A	20:27:08	5.5	Bottom	3	1	18.68	8.23	31	125.7	9.75	1.4	3.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10A	20:26:38	5.5	Bottom	3	2	18.68	8.23	31.01	125.2	9.72	1.4	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10B	20:36:40	1.0	Surface	1	1	18.68	8.24	30.99	126.3	9.81	1.6	3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10B	20:37:09	1.0	Surface	1	2	18.68	8.24	30.99	126.4	9.81	1.5	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10B	20:36:58	3.8	Bottom	3	1	18.68	8.24	31	126.3	9.8	1.5	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	SR10B	20:36:31	3.8	Bottom	3	2	18.68	8.24	30.99	126.2	9.79	1.5	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:08:07	1.0	Surface	1	1	19.15	8.56	28.75	126.1	9.83	1.2	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:08:48	1.0	Surface	1	2	19.16	8.55	28.64	133.7	10.43	1.2	2.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:07:54	3.4	Middle	2	1	19.02	8.56	29.17	118.2	9.21	1.5	3.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:08:34	3.4	Middle	2	2	19.11	8.55	28.94	131.3	10.23	1.3	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:07:45	5.7	Bottom	3	1	18.77	8.56	30.68	110.1	8.55	2	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS2	18:08:21	5.7	Bottom	3	2	18.77	8.53	30.51	127.9	9.94	2.1	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:23	1.0	Surface	1	1	18.64	8.24	30.44	123.4	9.62	1.5	3.8
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:54	1.0	Surface	1	2	18.6	8.24	30.53	124	9.67	1.5	3.3
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:45	6.1	Middle	2	1	18.41	8.21	31.12	122	9.51	1.6	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:13	6.1	Middle	2	2	18.35	8.2	31.26	120.4	9.39	1.6	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:35	11.2	Bottom	3	1	18.49	8.21	31.12	123.9	9.65	1.6	3.5
HKLR	HY/2011/03	2014-02-07	Mid-Ebb	Sunny	CS(Mf)5	19:53:04	11.2	Bottom	3	2	18.38	8.19	31.42	122.6	9.54	1.6	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:47	1.0	Surface	1	1	18.95	8.28	29.94	125.1	9.72	2.1	3.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:21	1.0	Surface	1	2	18.98	8.28	29.92	125.4	9.74	2.1	2.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:11	4.4	Middle	2	1	18.91	8.27	29.97	124.7	9.69	2.1	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:39	4.4	Middle	2	2	18.92	8.27	29.98	124.5	9.68	2.1	2.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:30	7.8	Bottom	3	1	18.95	8.28	29.96	125.4	9.75	2.2	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS5	12:58:05	7.8	Bottom	3	2	18.93	8.27	29.97	124.9	9.71	2.2	3.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)6	12:50:21	1.0	Surface	1	1	19.18	8.31	30.07	130.1	10.06	2.3	2.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)6	12:50:45	1.0	Surface	1	2	19.18	8.31	30.08	130.6	10.1	2.2	2.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)6	12:50:09	2.2	Bottom	3	1	19.14	8.31	30.08	129.6	10.02	2.4	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)6	12:50:31	2.2	Bottom	3	2	19.14	8.31	30.08	130.4	10.09	2.2	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS7	12:43:22	1.0	Surface	1	1	18.97	8.31	29.9	131.4	10.21	2.1	3.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS7	12:43:50	1.0	Surface	1	2	19	8.3	29.9	132	10.25	2.1	3.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS7	12:43:38	2.3	Bottom	3	1	18.97	8.31	29.92	131.8	10.24	2.2	3
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS7	12:43:08	2.3	Bottom	3	2	18.97	8.31	29.92	130.6	10.14	2.1	3.5
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS8	12:20:48	1.0	Surface	1	1	18.88	8.28	29.75	130.2	10.14	1.8	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS8	12:21:10	1.0	Surface	1	2	19.05	8.29	29.65	130.9	10.17	1.8	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS8	12:20:58	3.2	Bottom	3	1	18.8	8.27	29.86	130	10.14	1.8	3.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS8	12:20:40	3.2	Bottom	3	2	18.76	8.27	29.94	129.5	10.1	1.8	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)9	12:37:55	1.0	Surface	1	1	18.93	8.29	29.76	130.2	10.14	2.5	2.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)9	12:37:38	1.0	Surface	1	2	18.94	8.29	29.68	130.2	10.14	2.5	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)9	12:37:49	2.7	Bottom	3	1	18.92	8.29	29.83	130.5	10.15	2.5	4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS(Mf)9	12:37:28	2.7	Bottom	3	2	18.95	8.29	29.68	129.7	10.1	2.5	2.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:28:21	1.0	Surface	1	1	18.7	8.42	30.14	122.6	9.56	4	4.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:27:45	1.0	Surface	1	2	18.77	8.43	30.04	122.9	9.58	3.9	3.9
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:28:09	5.3	Middle	2	1	18.61	8.41	30.39	122	9.52	3.6	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:27:32	5.3	Middle	2	2	18.6	8.41	30.4	121.7	9.49	3.7	3.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:27:23	9.5	Bottom	3	1	18.59	8.41	30.42	121.9	9.51	3.5	3.5
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	IS10	12:27:56	9.5	Bottom	3	2	18.63	8.42	30.35	122.4	9.55	3.7	4.3
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR3	13:06:42	0.8	Middle	2	1	19.04	8.29	29.9	127.5	9.89	1.8	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR3	13:06:32	0.8	Middle	2	2	19.03	8.29	29.91	127.3	9.88	1.8	3.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR4	12:26:44	1.0	Surface	1	1	18.78	8.28	29.77	130.8	10.21	2.6	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR4	12:26:57	1.0	Surface	1	2	18.78	8.27	29.78	131.6	10.27	2.5	5.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR4	12:26:51	2.8	Bottom	3	1	18.78	8.28	29.76	131.2	10.24	2.5	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR4	12:26:37	2.8	Bottom	3	2	18.79	8.28	29.77	130.3	10.17	2.5	4.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR5	12:36:25	1.0	Surface	1	1	18.8	8.44	29.95	124.7	9.72	3.5	3.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR5	12:35:56	1.0	Surface	1	2	18.81	8.43	29.95	123.8	9.64	3.3	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR5	12:35:47	4.8	Bottom	3	1	18.61	8.42	30.38	122.7	9.57	3.1	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR5	12:36:07	4.8	Bottom	3	2	18.72	8.43	30.18	124.3	9.69	3.4	2.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:23:06	1.0	Surface	1	1	18.51	8.22	30.31	125.5	9.81	1.5	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:23:34	1.0	Surface	1	2	18.53	8.22	30.33	125.7	9.82	1.5	2.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:22:56	3.3	Middle	2	1	18.51	8.22	30.34	124.9	9.77	1.5	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:23:25	3.3	Middle	2	2	18.5	8.22	30.36	125.3	9.79	1.5	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:23:16	5.5	Bottom	3	1	18.5	8.22	30.41	125.1	9.78	1.6	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10A	11:22:49	5.5	Bottom	3	2	18.51	8.22	30.35	124.8	9.75	1.6	2.2
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10B	11:18:30	1.0	Surface	1	1	18.28	8.15	31.47	116.3	9.07	1.8	2.3
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10B	11:18:09	1.0	Surface	1	2	18.28	8.15	31.46	116.1	9.06	1.7	3
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10B	11:18:01	4.4	Bottom	3	1	18.28	8.15	31.45	115.9	9.04	1.8	2.9
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	SR10B	11:18:17	4.4	Bottom	3	2	18.28	8.15	31.46	116	9.05	1.8	4.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:48:02	1.0	Surface	1	1	19.15	8.48	28.78	134.9	10.52	1.3	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:47:15	1.0	Surface	1	2	19.2	8.47	28.8	133.6	10.4	1.2	3.6
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:47:42	3.6	Middle	2	1	18.86	8.46	29.23	131.8	10.31	1.7	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:47:03	3.6	Middle	2	2	18.84	8.46	29.33	131	10.24	1.5	2.5
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:47:28	6.1	Bottom	3	1	18.8	8.45	29.76	131.9	10.29	1.5	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS2	13:46:53	6.1	Bottom	3	2	18.73	8.45	29.98	131.2	10.24	1.6	2.1
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:52:25	1.0	Surface	1	1	18.66	8.23	30.08	123.6	9.65	1.8	2.8
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:51:46	1.0	Surface	1	2	18.67	8.23	30.04	123.7	9.66	1.8	2.4
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:52:11	6.7	Middle	2	1	18.28	8.17	30.91	121.2	9.48	1.7	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:51:31	6.7	Middle	2	2	18.32	8.18	30.76	120.2	9.4	1.7	3.9
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:52:04	12.3	Bottom	3	1	18.28	8.17	30.99	122.9	9.61	1.7	2.7
HKLR	HY/2011/03	2014-02-07	Mid-Flood	Sunny	CS(Mf)5	11:51:19	12.3	Bottom	3	2	18.31	8.17	30.91	121.4	9.5	1.8	2.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:50:15	1.0	Surface	1	1	17.24	8.22	30.58	98.6	7.89	2.1	3.2
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:50:48	1.0	Surface	1	2	17.24	8.23	30.58	98.6	7.88	2.2	2.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:50:07	4.2	Middle	2	1	17.22	8.22	30.59	98.5	7.88	2.5	3.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:50:38	4.2	Middle	2	2	17.22	8.23	30.58	98.4	7.88	2.6	2.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:50:29	7.3	Bottom	3	1	17.22	8.23	30.58	98.2	7.86	2.5	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS5	21:49:55	7.3	Bottom	3	2	17.22	8.22	30.59	98.3	7.86	2.5	3.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)6	21:58:23	1.0	Surface	1	1	16.92	8.24	30.46	103.3	8.32	1.7	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)6	21:58:40	1.0	Surface	1	2	16.91	8.24	30.45	103.2	8.31	1.7	3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)6	21:58:29	2.2	Bottom	3	1	16.93	8.24	30.48	103.2	8.31	1.7	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)6	21:58:10	2.2	Bottom	3	2	16.94	8.23	30.47	103.4	8.32	1.7	3.5
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS7	22:02:45	1.0	Surface	1	1	16.92	8.24	30.49	104.1	8.38	1.7	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS7	22:02:28	1.0	Surface	1	2	16.92	8.23	30.49	104.4	8.41	1.7	3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS7	22:02:20	2.3	Bottom	3	1	16.93	8.23	30.5	104.8	8.44	1.8	2.5
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS7	22:02:34	2.3	Bottom	3	2	16.92	8.24	30.5	104.4	8.4	1.6	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS8	22:26:47	1.0	Surface	1	1	17.23	8.2	31.37	98.8	7.87	4.3	5.9
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS8	22:26:26	1.0	Surface	1	2	17.25	8.2	31.37	98.7	7.85	4.5	6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS8	22:26:35	2.9	Bottom	3	1	17.23	8.2	31.37	98.6	7.85	4.4	5.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS8	22:26:17	2.9	Bottom	3	2	17.24	8.19	31.38	98.7	7.86	4.4	6.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)9	22:09:13	1.0	Surface	1	1	17.2	8.21	30.92	101.5	8.11	1.5	2.2
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)9	22:09:44	1.0	Surface	1	2	17.15	8.21	30.89	101.3	8.1	1.6	3.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)9	22:08:58	2.7	Bottom	3	1	17.23	8.2	31.01	101.8	8.12	1.6	3.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS(Mf)9	22:09:34	2.7	Bottom	3	2	17.16	8.21	30.91	101.5	8.11	1.6	3.5
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:52:10	1.0	Surface	1	1	17.38	8.31	31.61	95.5	7.57	15.7	14.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:51:33	1.0	Surface	1	2	17.35	8.31	31.58	95.8	7.6	15.5	14.3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:51:16	5.3	Middle	2	1	17.66	8.31	32.09	95.9	7.54	14.8	17.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:51:57	5.3	Middle	2	2	17.73	8.31	32.2	95.5	7.5	13.9	16.2
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:51:49	9.6	Bottom	3	1	17.75	8.3	32.42	96	7.52	14.1	19.2
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	IS10	22:50:53	9.6	Bottom	3	2	17.75	8.3	32.34	96.1	7.53	13.7	19
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR3	21:42:04	0.7	Middle	2	1	17.23	8.2	30.62	101.1	8.09	1.6	3.5
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR3	21:41:58	0.7	Middle	2	2	17.22	8.19	30.63	101.8	8.14	1.6	2.9
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR4	22:21:15	1.0	Surface	1	1	17.26	8.19	31.4	99	7.88	4.5	6.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR4	22:20:55	1.0	Surface	1	2	17.28	8.18	31.41	99.2	7.89	4.6	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	2014-02-10	Mid-Ebb	Fine	SR4	22:21:03	2.5	Bottom	3	1	17.27	8.19	31.41	99	7.87	4.4	5.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR4	22:20:43	2.5	Bottom	3	2	17.29	8.18	31.42	99.4	7.9	4.6	6.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR5	22:42:41	1.0	Surface	1	1	17.34	8.3	31.58	96.4	7.65	15.7	16.3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR5	22:43:10	1.0	Surface	1	2	17.33	8.3	31.59	96.4	7.65	15.2	16.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR5	22:42:55	4.7	Bottom	3	1	17.63	8.3	32.12	96.7	7.61	13.9	16.8
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR5	22:42:22	4.7	Bottom	3	2	17.67	8.29	32.18	97	7.62	13.3	16
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:37:54	1.0	Surface	1	1	17.52	8.19	33.38	99.8	7.81	2.2	2.9
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:38:30	1.0	Surface	1	2	17.51	8.19	33.38	99.6	7.79	2.1	3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:37:41	3.2	Middle	2	1	17.52	8.18	33.38	99.6	7.79	2.2	2.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:38:18	3.2	Middle	2	2	17.51	8.19	33.38	99.4	7.78	2.2	2.3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:38:07	5.3	Bottom	3	1	17.51	8.19	33.38	99.5	7.78	2.1	3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10A	23:37:31	5.3	Bottom	3	2	17.51	8.18	33.38	99.6	7.79	2.2	2.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10B	23:47:31	1.0	Surface	1	1	17.5	8.2	33.37	99.4	7.78	2.1	2.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10B	23:47:11	1.0	Surface	1	2	17.5	8.2	33.38	99.6	7.79	2.1	2.9
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10B	23:46:57	3.8	Bottom	3	1	17.52	8.19	33.38	99.3	7.77	2.1	2.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	SR10B	23:47:18	3.8	Bottom	3	2	17.51	8.2	33.38	99.4	7.78	2.2	3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:23:46	1.0	Surface	1	1	17.49	8.31	32.21	102.5	8.08	2.8	3.6
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:24:32	1.0	Surface	1	2	17.45	8.34	32.07	99.8	7.88	2.5	2.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:23:35	3.4	Middle	2	1	17.69	8.3	32.63	104.7	8.2	3.2	3.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:24:13	3.4	Middle	2	2	17.7	8.32	32.52	100	7.84	3.1	4.3
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:23:25	5.7	Bottom	3	1	17.66	8.29	32.78	107.8	8.44	3.5	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS2	21:23:59	5.7	Bottom	3	2	17.65	8.31	32.53	101.4	7.95	3	4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:02:45	1.0	Surface	1	1	17.62	8.19	33.31	99.2	7.75	2.2	2.5
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:03:27	1.0	Surface	1	2	17.63	8.19	33.31	99	7.73	2.1	2.7
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:02:33	6.2	Middle	2	1	17.64	8.19	33.32	98.8	7.72	2.1	3.4
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:03:14	6.2	Middle	2	2	17.65	8.19	33.32	98.7	7.71	2.1	3.9
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:02:22	11.3	Bottom	3	1	17.65	8.18	33.33	98.7	7.7	2.1	3.1
HKLR	HY/2011/03	2014-02-10	Mid-Ebb	Fine	CS(Mf)5	23:03:01	11.3	Bottom	3	2	17.65	8.19	33.32	98.5	7.69	2.2	2.4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:11:31	1.0	Surface	1	1	17.6	8.21	30.48	96.4	7.66	2	3.4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:10:52	1.0	Surface	1	2	17.61	8.2	30.48	96.4	7.66	2.1	3.6
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:11:17	4.4	Middle	2	1	17.61	8.21	30.49	96.2	7.65	2.1	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:10:42	4.4	Middle	2	2	17.62	8.2	30.49	96.4	7.66	2.1	2.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:11:06	7.7	Bottom	3	1	17.61	8.21	30.5	96.2	7.64	2	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS5	11:10:33	7.7	Bottom	3	2	17.62	8.2	30.5	96.4	7.66	2.2	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)6	11:03:43	1.0	Surface	1	1	17.13	8.22	30.39	99.5	7.99	2.4	4.7
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)6	11:04:05	1.0	Surface	1	2	17.13	8.22	30.39	99.6	7.99	2.4	4.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)6	11:03:50	2.2	Bottom	3	1	17.12	8.22	30.39	99.5	7.98	2.5	4.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)6	11:03:31	2.2	Bottom	3	2	17.12	8.21	30.4	99.9	8.02	2.4	3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS7	10:57:50	1.0	Surface	1	1	17.3	8.23	30.31	100.6	8.05	3.7	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS7	10:57:36	1.0	Surface	1	2	17.3	8.22	30.31	100.9	8.07	3.7	3.6
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS7	10:57:42	2.3	Bottom	3	1	17.31	8.22	30.31	100.8	8.07	3.9	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS7	10:57:24	2.3	Bottom	3	2	17.31	8.22	30.32	101.2	8.1	3.9	3.9
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS8	10:33:41	1.0	Surface	1	1	17.51	8.19	31.08	99.9	7.93	2.7	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS8	10:34:05	1.0	Surface	1	2	17.5	8.19	31.08	99.6	7.9	2.8	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS8	10:33:51	3.1	Bottom	3	1	17.5	8.19	31.09	99.3	7.88	2.9	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS8	10:33:31	3.1	Bottom	3	2	17.51	8.18	31.09	99.9	7.92	3	4.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)9	10:51:12	1.0	Surface	1	1	17.23	8.21	30.37	100.1	8.02	2.2	2.9
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)9	10:51:28	1.0	Surface	1	2	17.23	8.21	30.36	100.1	8.02	2.2	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)9	10:51:02	2.6	Bottom	3	1	17.22	8.21	30.38	100.2	8.03	2.3	3.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS(Mf)9	10:51:19	2.6	Bottom	3	2	17.23	8.21	30.4	100.3	8.04	2.2	2.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:38:28	1.0	Surface	1	1	17.75	8.32	31.8	97.9	7.7	4.1	5.7
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:39:19	1.0	Surface	1	2	17.73	8.33	31.8	97.7	7.69	4.2	5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:38:15	5.1	Middle	2	1	17.78	8.31	31.85	97.7	7.67	4.2	4.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:39:03	5.1	Middle	2	2	17.75	8.32	31.81	97.6	7.67	4.1	4.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:38:47	9.1	Bottom	3	1	17.78	8.32	31.87	97.6	7.66	4	4.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	IS10	10:38:06	9.1	Bottom	3	2	17.78	8.31	31.85	97.7	7.68	4.3	4.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR3	11:16:11	0.6	Middle	2	1	17.59	8.21	30.47	96.4	7.66	1.6	3.7
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR3	11:16:18	0.6	Middle	2	2	17.6	8.21	30.47	96.4	7.66	1.6	3.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR4	10:39:49	1.0	Surface	1	1	17.11	8.15	30.54	94.2	7.56	2.8	4.6
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR4	10:40:08	1.0	Surface	1	2	17.12	8.16	30.54	93.9	7.53	2.7	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR4	10:39:38	2.7	Bottom	3	1	17.13	8.15	30.63	94.3	7.56	2.7	3.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR4	10:39:54	2.7	Bottom	3	2	17.13	8.15	30.6	94.1	7.54	2.8	5.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR5	10:48:55	1.0	Surface	1	1	17.8	8.33	31.85	97.4	7.65	4.1	5.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR5	10:48:18	1.0	Surface	1	2	17.75	8.33	31.81	97.6	7.67	4	5.9
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR5	10:48:36	4.4	Bottom	3	1	17.85	8.32	31.95	97.2	7.62	3.9	6.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR5	10:47:55	4.4	Bottom	3	2	17.8	8.33	31.84	97.6	7.66	3.9	6.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:32:16	1.0	Surface	1	1	17.98	8.18	32.89	99.3	7.72	1.6	3.6
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:31:48	1.0	Surface	1	2	17.98	8.17	32.89	99.4	7.73	1.5	3.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:32:07	3.3	Middle	2	1	17.99	8.17	32.9	99.2	7.72	1.7	3.2
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:31:34	3.3	Middle	2	2	17.97	8.17	32.9	99.5	7.74	1.6	3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:31:57	5.5	Bottom	3	1	17.99	8.17	32.9	99.2	7.72	1.7	5.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10A	9:31:23	5.5	Bottom	3	2	17.87	8.18	32.98	99.6	7.76	1.6	4.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10B	9:25:07	1.0	Surface	1	1	17.86	8.13	32.73	97	7.57	1.6	3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10B	9:24:43	1.0	Surface	1	2	17.86	8.12	32.7	97.2	7.58	1.6	3.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10B	9:24:54	4.6	Bottom	3	1	17.87	8.13	32.72	96.9	7.56	1.6	3.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	SR10B	9:24:32	4.6	Bottom	3	2	17.88	8.12	32.7	97	7.57	1.5	4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:04:18	1.0	Surface	1	1	17.77	8.34	31.81	97.6	7.67	4	4.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:05:01	1.0	Surface	1	2	17.76	8.34	31.79	97.8	7.69	3.8	5.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:04:03	3.3	Middle	2	1	17.81	8.33	31.84	97	7.61	4.1	6.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:04:36	3.3	Middle	2	2	17.84	8.33	31.86	97.2	7.62	3.8	4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:04:29	5.5	Bottom	3	1	17.87	8.33	32.01	97.5	7.64	4.1	4.3
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS2	12:03:53	5.5	Bottom	3	2	17.92	8.33	32.12	97.1	7.6	3.9	4.1
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:02:54	1.0	Surface	1	1	17.95	8.16	32.86	97.6	7.6	1.8	4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:03:43	1.0	Surface	1	2	17.96	8.16	32.86	97.3	7.57	1.8	3.4
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:03:30	6.4	Middle	2	1	17.98	8.16	32.88	97	7.54	2.6	3.5
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:02:38	6.4	Middle	2	2	17.96	8.16	32.88	97.2	7.57	2.5	2.6
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:02:27	11.7	Bottom	3	1	17.99	8.16	32.91	97.2	7.56	2.6	2.8
HKLR	HY/2011/03	2014-02-10	Mid-Flood	Fine	CS(Mf)5	10:03:20	11.7	Bottom	3	2	17.99	8.15	32.91	97	7.54	2.6	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:42:47	1.0	Surface	1	1	15.92	8.17	31.14	92.7	7.58	2.8	4.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:43:22	1.0	Surface	1	2	15.93	8.17	31.17	92.7	7.58	2.5	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:42:36	4.2	Middle	2	1	15.93	8.17	31.15	92.5	7.57	3.1	5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:43:09	4.2	Middle	2	2	15.93	8.17	31.17	92.4	7.56	3.2	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:42:27	7.4	Bottom	3	1	15.93	8.16	31.14	92.5	7.56	3.3	5.3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS5	12:43:00	7.4	Bottom	3	2	15.93	8.17	31.17	92.5	7.56	3	7
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)6	12:34:49	1.0	Surface	1	1	16.02	8.13	31.3	93.1	7.59	2.9	4.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)6	12:34:12	1.0	Surface	1	2	16.01	8.12	31.26	93.4	7.62	2.9	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)6	12:34:45	2.3	Bottom	3	1	16.02	8.13	31.31	93.1	7.59	3	4.9
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)6	12:34:03	2.3	Bottom	3	2	16.01	8.12	31.25	93.7	7.65	3.3	3.3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS7	12:25:37	1.0	Surface	1	1	15.6	8.15	31.14	97.4	8.02	1.8	4.4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS7	12:26:04	1.0	Surface	1	2	15.6	8.16	31.19	97.3	8.01	1.8	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS7	12:25:49	2.2	Bottom	3	1	15.6	8.15	31.17	97.4	8.01	1.7	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS7	12:25:30	2.2	Bottom	3	2	15.6	8.14	31.13	97.5	8.03	1.8	5.4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS8	12:00:15	1.0	Surface	1	1	16.03	8.16	31.59	94.8	7.71	2.5	5.1
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS8	12:00:00	1.0	Surface	1	2	15.75	8.16	31.2	94.7	7.77	2.5	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS8	11:59:46	2.8	Bottom	3	1	16.21	8.15	32.16	95.4	7.71	3	3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS8	12:00:09	2.8	Bottom	3	2	16.12	8.16	32.21	95.3	7.71	3.1	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)9	12:18:01	1.0	Surface	1	1	15.9	8.12	31.24	95.8	7.83	2.1	2.1
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)9	12:18:18	1.0	Surface	1	2	15.89	8.14	31.28	95.5	7.81	2.1	3.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)9	12:17:54	2.6	Bottom	3	1	15.99	8.12	31.27	96.3	7.86	2.3	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS(Mf)9	12:18:12	2.6	Bottom	3	2	15.91	8.13	31.28	95.6	7.81	2.3	3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS10	11:57:23	1.0	Surface	1	1	16.63	8.31	32.9	94	7.5	2.5	3.7
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS10	11:56:37	1.0	Surface	1	2	16.61	8.31	32.9	94.4	7.54	2.5	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	2014-02-12	Mid-Ebb	Cloudy	IS10	11:57:11	5.3	Middle	2	1	16.67	8.31	32.94	93.6	7.47	2.4	3.4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS10	11:56:26	5.3	Middle	2	2	16.65	8.31	32.92	94.3	7.52	2.4	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS10	11:56:12	9.5	Bottom	3	1	16.72	8.3	33.01	94.6	7.53	2.3	5.5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	IS10	11:56:56	9.5	Bottom	3	2	16.72	8.31	33.02	93.8	7.47	2.4	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR3	12:56:39	0.8	Middle	2	1	15.92	8.17	31.19	92.8	7.59	2.9	4.9
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR3	12:56:48	0.8	Middle	2	2	15.92	8.17	31.19	92.8	7.59	2.7	2.7
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR4	12:07:42	1.0	Surface	1	1	15.98	8.17	31.74	94.7	7.71	2	3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR4	12:07:24	1.0	Surface	1	2	16.03	8.17	31.74	94.7	7.7	2	3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR4	12:07:32	2.4	Bottom	3	1	16.03	8.17	31.9	94.9	7.71	2	2.3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR4	12:07:18	2.4	Bottom	3	2	16.08	8.16	31.98	94.9	7.7	2	2.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR5	12:07:19	1.0	Surface	1	1	16.62	8.32	32.9	94.3	7.53	2.4	2.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR5	12:06:49	1.0	Surface	1	2	16.63	8.32	32.9	94.3	7.52	2.5	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR5	12:07:04	3.7	Bottom	3	1	16.62	8.32	32.9	94.2	7.52	2.5	2.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR5	12:06:41	3.7	Bottom	3	2	16.63	8.32	32.9	94.2	7.52	2.3	2.9
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:55:48	1.0	Surface	1	1	17.21	8.14	33.26	94.3	7.43	1.7	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:55:11	1.0	Surface	1	2	17.23	8.13	33.23	94.4	7.44	1.7	5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:55:37	3.3	Middle	2	1	17.23	8.14	33.25	94.2	7.42	1.6	5.4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:54:59	3.3	Middle	2	2	17.23	8.13	33.22	94.3	7.43	1.7	4.3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:55:30	5.6	Bottom	3	1	17.23	8.13	33.25	94.1	7.4	1.9	4.9
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10A	10:54:52	5.6	Bottom	3	2	17.22	8.13	33.22	94.3	7.43	2	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10B	10:39:54	1.0	Surface	1	1	17.15	8.11	33.18	94.5	7.46	1.4	3
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10B	10:39:21	1.0	Surface	1	2	17.18	8.09	33.14	94.7	7.47	1.4	4.4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10B	10:39:11	4.5	Bottom	3	1	17.18	8.09	33.13	94.7	7.46	1.5	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	SR10B	10:39:43	4.5	Bottom	3	2	17.17	8.1	33.18	94.4	7.44	1.6	3.7
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:25:47	1.0	Surface	1	1	16.55	8.32	32.86	94.5	7.56	2.1	3.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:26:31	1.0	Surface	1	2	16.54	8.33	32.86	94.4	7.55	2.2	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:26:20	4.0	Middle	2	1	16.56	8.32	32.88	94	7.51	2.3	4
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:25:37	4.0	Middle	2	2	16.57	8.32	32.88	94.3	7.54	2.2	3.5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:25:28	7.0	Bottom	3	1	16.57	8.32	32.91	94.5	7.55	2.5	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS2	13:26:10	7.0	Bottom	3	2	16.61	8.32	32.97	94	7.5	2.5	3.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:26:57	1.0	Surface	1	1	17.13	8.09	33.21	94.6	7.46	1.3	2.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:27:30	1.0	Surface	1	2	17.13	8.11	33.24	94.5	7.46	1.3	2.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:27:19	6.7	Middle	2	1	17.14	8.1	33.25	94.2	7.43	1.3	3.7
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:26:43	6.7	Middle	2	2	17.14	8.09	33.21	94.3	7.44	1.2	2.6
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:26:34	12.4	Bottom	3	1	17.14	8.09	33.2	94.3	7.44	1.6	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Ebb	Cloudy	CS(Mf)5	11:27:10	12.4	Bottom	3	2	17.14	8.1	33.24	94.2	7.43	1.5	3.1
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:55:09	1.0	Surface	1	1	15.89	8.12	31.15	91.5	7.49	3	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:54:37	1.0	Surface	1	2	15.88	8.11	31.13	91.6	7.5	3.2	4.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:54:24	4.3	Middle	2	1	15.89	8.11	31.14	91.4	7.48	3.4	3.6
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:54:57	4.3	Middle	2	2	15.89	8.12	31.16	91.4	7.48	3.3	4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:54:50	7.6	Bottom	3	1	15.9	8.12	31.18	91.3	7.47	4	4.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS5	15:54:15	7.6	Bottom	3	2	15.9	8.11	31.14	91.3	7.47	4.4	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)6	16:03:50	1.0	Surface	1	1	15.92	8.09	31.26	94.4	7.72	2.8	4.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)6	16:04:15	1.0	Surface	1	2	15.91	8.11	31.27	94.1	7.69	3	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)6	16:03:43	2.1	Bottom	3	1	15.91	8.09	31.26	94.6	7.73	2.8	6.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)6	16:04:01	2.1	Bottom	3	2	15.91	8.1	31.26	94.2	7.7	3	5.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS7	16:11:29	1.0	Surface	1	1	15.51	8.14	31.27	98.3	8.1	3.1	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS7	16:11:16	1.0	Surface	1	2	15.51	8.13	31.27	98.5	8.11	2.9	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS7	16:11:22	2.4	Bottom	3	1	15.51	8.14	31.27	98.4	8.11	2.9	5.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS7	16:11:10	2.4	Bottom	3	2	15.51	8.13	31.26	98.5	8.12	3.1	4.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS8	16:33:52	1.0	Surface	1	1	15.85	8.18	31.52	96.4	7.88	2.4	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS8	16:34:10	1.0	Surface	1	2	15.95	8.18	31.59	96.1	7.83	2.5	5.6
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS8	16:34:02	2.7	Bottom	3	1	16.08	8.17	32.05	96.9	7.86	2.6	6.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS8	16:33:42	2.7	Bottom	3	2	15.95	8.17	31.79	97	7.9	2.6	5.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)9	16:18:07	1.0	Surface	1	1	15.92	8.15	31.08	96.2	7.87	4.1	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)9	16:18:28	1.0	Surface	1	2	15.99	8.15	31.2	95.6	7.8	4.4	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)9	16:18:20	2.4	Bottom	3	1	16.23	8.14	32.15	96.6	7.81	4.9	3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS(Mf)9	16:18:01	2.4	Bottom	3	2	16.18	8.13	32.04	97.5	7.89	4.7	2.9
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:21:28	1.0	Surface	1	1	16.43	8.33	32.83	94.5	7.57	2.4	6.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:22:05	1.0	Surface	1	2	16.42	8.33	32.81	94.4	7.57	2.4	5.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:21:14	5.4	Middle	2	1	16.57	8.32	32.88	94.2	7.52	2.5	6.1
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:21:54	5.4	Middle	2	2	16.5	8.33	32.85	94	7.52	2.5	4.1
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:21:04	9.7	Bottom	3	1	16.56	8.32	32.98	94.6	7.56	2.6	4.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	IS10	17:21:42	9.7	Bottom	3	2	16.58	8.32	32.97	94.4	7.54	2.5	6.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR3	15:37:18	0.8	Middle	2	1	15.87	8.05	30.91	93.7	7.68	3.6	5.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR3	15:37:25	0.8	Middle	2	2	15.86	8.05	30.94	93.3	7.65	3.3	5.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR4	16:26:28	1.0	Surface	1	1	15.87	8.16	31.46	96.5	7.88	2.6	3.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR4	16:26:51	1.0	Surface	1	2	15.81	8.17	31.47	96.5	7.9	2.8	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR4	16:26:19	2.6	Bottom	3	1	16.05	8.15	31.94	97.5	7.92	2.7	6.1
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR4	16:26:38	2.6	Bottom	3	2	16.03	8.16	31.91	97	7.88	2.9	4.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR5	17:10:13	1.0	Surface	1	1	16.43	8.32	32.84	96.4	7.73	2.7	4.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR5	17:09:53	1.0	Surface	1	2	16.43	8.31	32.84	97	7.77	2.7	6.1
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR5	17:10:00	3.7	Bottom	3	1	16.44	8.32	32.84	96.7	7.75	2.7	4.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR5	17:09:44	3.7	Bottom	3	2	16.44	8.31	32.84	97.4	7.8	2.9	7.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:46:42	1.0	Surface	1	1	17.14	8.11	33.38	93.9	7.4	1.7	2.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:46:01	1.0	Surface	1	2	17.14	8.1	33.38	94	7.41	1.6	2.9
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:45:49	3.4	Middle	2	1	17.14	8.09	33.38	94	7.41	1.7	3.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:46:27	3.4	Middle	2	2	17.15	8.11	33.39	93.7	7.38	1.7	4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:45:40	5.8	Bottom	3	1	17.14	8.08	33.39	94	7.41	1.9	4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10A	17:46:15	5.8	Bottom	3	2	17.14	8.1	33.39	93.6	7.37	1.8	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10B	18:03:40	1.0	Surface	1	1	17.13	8.14	33.38	93.7	7.38	1.2	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10B	18:04:14	1.0	Surface	1	2	17.14	8.15	33.38	93.6	7.38	1.4	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10B	18:03:57	4.7	Bottom	3	1	17.15	8.14	33.39	93.5	7.37	1.7	4.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	SR10B	18:03:25	4.7	Bottom	3	2	17.14	8.13	33.39	93.5	7.37	1.9	3.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:31:59	1.0	Surface	1	1	16.45	8.32	32.85	97	7.77	3.5	4.5
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:31:30	1.0	Surface	1	2	16.43	8.31	32.85	98.4	7.89	3.4	5.6
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:31:17	4.0	Middle	2	1	16.44	8.3	32.85	99.4	7.97	3.5	4.3
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:31:48	4.0	Middle	2	2	16.43	8.32	32.86	97.3	7.79	3.5	4.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:31:40	6.9	Bottom	3	1	16.43	8.31	32.85	97.6	7.82	3.4	5.4
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS2	15:30:56	6.9	Bottom	3	2	16.42	8.28	32.85	102.6	8.23	3.5	5.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:09:19	1.0	Surface	1	1	16.89	8.15	33.2	94.6	7.5	1.4	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:08:41	1.0	Surface	1	2	16.89	8.14	33.19	95.1	7.54	1.5	3.9
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:09:08	6.8	Middle	2	1	17.02	8.14	33.28	94.5	7.47	1.3	3.7
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:08:31	6.8	Middle	2	2	16.95	8.13	33.26	94.9	7.51	1.4	3.2
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:08:14	12.5	Bottom	3	1	16.94	8.12	33.26	95.3	7.54	1.4	3.8
HKLR	HY/2011/03	2014-02-12	Mid-Flood	Cloudy	CS(Mf)5	17:08:58	12.5	Bottom	3	2	17.01	8.14	33.29	94.9	7.5	1.3	2.6
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:21:19	1.0	Surface	1	1	15.01	7.88	31.92	90.2	7.47	4.5	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:20:20	1.0	Surface	1	2	15	7.87	31.91	91.1	7.55	4.8	3.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:21:03	4.9	Middle	2	1	15.06	7.87	31.96	90	7.45	4.4	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:20:08	4.9	Middle	2	2	15.05	7.86	31.95	91.3	7.56	4.9	4.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:20:00	8.7	Bottom	3	1	15.04	7.86	31.95	91.7	7.6	4.5	5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS5	8:20:49	8.7	Bottom	3	2	15.07	7.87	31.96	90.3	7.47	4.8	5.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)6	8:09:51	1.0	Surface	1	1	15.02	7.86	32.12	94.3	7.8	5	2.7
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)6	8:10:05	1.0	Surface	1	2	15.01	7.87	32.12	93.4	7.73	4.6	2.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)6	8:09:58	2.2	Bottom	3	1	15.01	7.87	32.13	93.8	7.77	6.3	3.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)6	8:09:43	2.2	Bottom	3	2	15.02	7.86	32.13	94.9	7.86	5.9	3.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS7	8:03:24	1.0	Surface	1	1	15.01	7.89	32.2	93.8	7.76	5.5	3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS7	8:03:06	1.0	Surface	1	2	14.99	7.89	32.21	95.1	7.87	5.8	2.7
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS7	8:02:55	2.3	Bottom	3	1	15.01	7.88	32.24	96.3	7.97	6.6	3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS7	8:03:16	2.3	Bottom	3	2	15.05	7.89	32.26	94.4	7.8	6.1	2.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS8	7:32:58	1.0	Surface	1	1	14.99	7.88	32.2	94.2	7.79	3	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS8	7:33:35	1.0	Surface	1	2	14.97	7.88	32.18	93.1	7.71	2.7	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	2014-02-14	Mid-Ebb	Sunny	IS8	7:32:47	2.6	Bottom	3	1	15	7.88	32.19	94.7	7.84	3.4	3.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS8	7:33:18	2.6	Bottom	3	2	14.99	7.88	32.19	93.3	7.72	3.5	3.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)9	7:57:14	1.0	Surface	1	1	15.07	7.86	32.11	95.2	7.88	6.6	2.7
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)9	7:57:38	1.0	Surface	1	2	15.02	7.87	32.11	94	7.78	7.3	3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)9	7:57:26	2.5	Bottom	3	1	15.21	7.87	32.28	94.7	7.8	11.5	4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS(Mf)9	7:57:07	2.5	Bottom	3	2	15.2	7.86	32.3	96.2	7.92	12.2	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:20:18	1.0	Surface	1	1	15.71	8.22	33.43	92.3	7.47	13.8	6.6
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:20:58	1.0	Surface	1	2	15.7	8.23	33.41	91.8	7.44	14.5	5.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:20:42	5.4	Middle	2	1	15.72	8.23	33.46	91.7	7.43	13.5	5.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:20:06	5.4	Middle	2	2	15.72	8.22	33.45	92.1	7.45	13.6	4.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:20:32	9.7	Bottom	3	1	15.72	8.23	33.47	91.8	7.43	13.5	4.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	IS10	7:19:56	9.7	Bottom	3	2	15.71	8.22	33.46	92.1	7.46	13.5	5.1
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR3	8:31:07	0.8	Middle	2	1	14.99	7.88	31.91	90.2	7.48	4.1	5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR3	8:31:16	0.8	Middle	2	2	14.99	7.88	31.91	90.2	7.48	4	5.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR4	7:42:03	1.0	Surface	1	1	14.97	7.88	32.17	92.3	7.64	2.9	3.7
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR4	7:42:19	1.0	Surface	1	2	14.97	7.88	32.17	92.2	7.64	2.8	4.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR4	7:42:08	2.7	Bottom	3	1	14.97	7.88	32.16	92.2	7.64	2.9	2.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR4	7:41:49	2.7	Bottom	3	2	14.96	7.88	32.17	92.4	7.66	3	3.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR5	7:30:24	1.0	Surface	1	1	15.69	8.25	33.41	91.7	7.43	12.6	5.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR5	7:30:06	1.0	Surface	1	2	15.71	8.25	33.42	91.7	7.42	12.6	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR5	7:29:59	3.7	Bottom	3	1	15.72	8.25	33.44	91.6	7.42	12.2	6.1
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR5	7:30:14	3.7	Bottom	3	2	15.71	8.25	33.43	91.6	7.42	12.3	5.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:34:25	1.0	Surface	1	1	16.68	7.8	33.32	92.3	7.34	2.3	3.1
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:34:02	1.0	Surface	1	2	16.67	7.79	33.32	93	7.39	2.2	3.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:34:16	3.3	Middle	2	1	16.67	7.8	33.32	92.3	7.34	2.3	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:33:56	3.3	Middle	2	2	16.68	7.79	33.32	93.2	7.41	2.3	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:33:49	5.6	Bottom	3	1	16.67	7.79	33.32	93.6	7.45	2.2	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10A	6:34:11	5.6	Bottom	3	2	16.67	7.8	33.32	92.5	7.36	2.3	2.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10B	6:17:54	1.0	Surface	1	1	16.68	7.7	33.24	94.4	7.52	2.6	2.8
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10B	6:17:24	1.0	Surface	1	2	16.68	7.67	33.19	96.7	7.7	2.6	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10B	6:17:47	4.5	Bottom	3	1	16.68	7.7	33.24	94.6	7.52	2.7	3.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	SR10B	6:17:08	4.5	Bottom	3	2	16.69	7.65	33.16	98.3	7.83	2.6	4.4
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:53:24	1.0	Surface	1	1	16.06	8.28	33.61	90.8	7.29	5.3	5.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:52:39	1.0	Surface	1	2	16.06	8.28	33.61	90.7	7.29	5.4	5.7
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:53:09	4.0	Middle	2	1	16.05	8.28	33.62	90.5	7.27	5.1	5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:52:30	4.0	Middle	2	2	16.06	8.28	33.63	90.6	7.28	5.3	5.1
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:52:59	6.9	Bottom	3	1	16.06	8.28	33.63	90.4	7.26	6.3	5.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS2	8:52:20	6.9	Bottom	3	2	16.04	8.28	33.65	90.5	7.27	6.3	6.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:02:48	1.0	Surface	1	1	16.5	7.84	33.29	93	7.42	3.4	3.3
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:03:23	1.0	Surface	1	2	16.52	7.85	33.3	92.4	7.37	3.3	3.9
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:02:32	6.7	Middle	2	1	16.61	7.83	33.34	93.4	7.44	3.5	4.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:03:09	6.7	Middle	2	2	16.57	7.85	33.33	92.4	7.36	3.8	4.2
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:03:00	12.4	Bottom	3	1	16.56	7.84	33.32	92.5	7.37	4.9	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Ebb	Sunny	CS(Mf)5	7:02:23	12.4	Bottom	3	2	16.58	7.83	33.34	93.7	7.46	4.7	4.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:33:19	1.0	Surface	1	1	15.09	7.86	31.98	91.7	7.59	4.3	6.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:32:42	1.0	Surface	1	2	15.09	7.86	31.99	91.8	7.59	4.1	6.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:32:25	4.9	Middle	2	1	15.09	7.86	32.01	91.6	7.58	4.6	6.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:33:03	4.9	Middle	2	2	15.09	7.86	31.99	91.4	7.56	5	4.9
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:32:54	8.8	Bottom	3	1	15.09	7.86	32	91.4	7.56	4	4.9
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS5	11:32:14	8.8	Bottom	3	2	15.09	7.86	32.01	91.8	7.6	4.2	6.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)6	11:39:39	1.0	Surface	1	1	15.15	7.91	32.02	96.7	7.99	3.3	5.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)6	11:39:20	1.0	Surface	1	2	15.13	7.9	32.03	97.4	8.05	3.4	6.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)6	11:39:13	2.4	Bottom	3	1	15.13	7.9	32.03	97.8	8.08	3.7	5.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)6	11:39:30	2.4	Bottom	3	2	15.12	7.91	32.03	96.8	8	3.6	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS7	11:47:58	1.0	Surface	1	1	15.19	7.91	32.13	98.7	8.14	5.1	6.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS7	11:47:40	1.0	Surface	1	2	15.18	7.91	32.13	99.4	8.2	5.2	5.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS7	11:47:47	2.3	Bottom	3	1	15.18	7.91	32.14	98.9	8.16	6	6.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS7	11:47:34	2.3	Bottom	3	2	15.19	7.92	32.14	99.5	8.21	6.5	5.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS8	12:13:26	1.0	Surface	1	1	15.21	7.89	32.1	96.6	7.97	3.9	6.4
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS8	12:13:11	1.0	Surface	1	2	15.21	7.89	32.26	97.3	8.02	3.6	5.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS8	12:13:20	2.5	Bottom	3	1	15.28	7.89	32.51	97.3	7.99	4.2	6.4
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS8	12:13:03	2.5	Bottom	3	2	15.27	7.89	32.5	98.2	8.07	4.2	4.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)9	11:54:44	1.0	Surface	1	1	15.17	7.92	32.06	97.6	8.06	4.1	5.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)9	11:55:01	1.0	Surface	1	2	15.17	7.92	32.03	97.1	8.02	3.8	5.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)9	11:54:36	2.3	Bottom	3	1	15.11	7.91	32.08	97.7	8.08	4.7	5.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS(Mf)9	11:54:51	2.3	Bottom	3	2	15.14	7.92	32.06	97.3	8.04	4.6	4
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:51:24	1.0	Surface	1	1	16.25	8.27	33.36	90.1	7.23	3.8	10.7
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:52:09	1.0	Surface	1	2	16.25	8.27	33.36	90.2	7.23	3.8	12.7
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:51:54	5.3	Middle	2	1	16.16	8.27	33.35	89.7	7.21	3.8	12.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:51:07	5.3	Middle	2	2	16.16	8.27	33.33	89.5	7.19	3.8	11.7
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:51:42	9.5	Bottom	3	1	16.1	8.27	33.31	89.5	7.2	3.7	11.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	IS10	12:50:59	9.5	Bottom	3	2	16.21	8.26	33.4	89.7	7.19	3.9	12.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR3	11:20:26	0.9	Middle	2	1	15.11	7.85	32.08	97.7	8.08	4.1	5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR3	11:20:18	0.9	Middle	2	2	15.12	7.86	32.08	99	8.18	4.2	3.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR4	12:05:19	1.0	Surface	1	1	15.23	7.86	32.23	95.2	7.84	2.6	4.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR4	12:05:40	1.0	Surface	1	2	15.24	7.86	32.23	94.1	7.75	2.7	3.9
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR4	12:05:13	2.5	Bottom	3	1	15.24	7.86	32.25	95.8	7.89	2.8	4.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR4	12:05:31	2.5	Bottom	3	2	15.24	7.86	32.26	94.4	7.78	2.8	3.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR5	12:42:09	1.0	Surface	1	1	16.25	8.25	33.36	90.5	7.26	3.8	13.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR5	12:41:49	1.0	Surface	1	2	16.24	8.24	33.36	90.6	7.27	3.9	14.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR5	12:41:40	3.7	Bottom	3	1	16.23	8.24	33.36	90.5	7.26	3.9	13.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR5	12:41:58	3.7	Bottom	3	2	16.24	8.25	33.37	90.4	7.25	3.8	14.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:12:55	1.0	Surface	1	1	16.7	7.86	33.35	92	7.31	1.8	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:13:37	1.0	Surface	1	2	16.7	7.87	33.35	91.5	7.27	1.7	5.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:13:23	3.2	Middle	2	1	16.68	7.86	33.35	91.5	7.27	1.9	5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:12:39	3.2	Middle	2	2	16.71	7.86	33.36	91.8	7.29	1.8	3.9
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:13:10	5.4	Bottom	3	1	16.7	7.86	33.36	91.5	7.27	2.4	5.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10A	13:12:27	5.4	Bottom	3	2	16.69	7.86	33.36	91.8	7.3	2.3	6.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10B	13:31:56	1.0	Surface	1	1	16.69	7.87	33.35	91.2	7.25	1.6	3.5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10B	13:31:34	1.0	Surface	1	2	16.7	7.87	33.35	91.3	7.25	1.7	4.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10B	13:31:24	4.4	Bottom	3	1	16.7	7.87	33.35	91.2	7.25	1.6	5.6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	SR10B	13:31:43	4.4	Bottom	3	2	16.7	7.87	33.35	91.1	7.24	1.6	4.7
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:18:13	1.0	Surface	1	1	16.23	8.21	33.35	92.4	7.42	3.7	5.3
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:17:21	1.0	Surface	1	2	16.24	8.16	33.39	94.1	7.55	3.9	3.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:17:10	4.1	Middle	2	1	16.22	8.14	33.43	94.5	7.58	3.8	5.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:17:59	4.1	Middle	2	2	16.2	8.2	33.38	92.3	7.41	3.8	6.2
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:16:49	7.2	Bottom	3	1	16.19	8.07	33.5	96.6	7.75	3.9	6.4
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS2	11:17:48	7.2	Bottom	3	2	16.18	8.19	33.39	92.6	7.44	3.8	7.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:45:56	1.0	Surface	1	1	16.77	7.87	33.38	92	7.3	2.6	5
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:45:17	1.0	Surface	1	2	16.77	7.86	33.37	92.3	7.32	2.7	6
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:45:01	6.6	Middle	2	1	16.71	7.86	33.38	91.8	7.29	2.7	4.1
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:45:44	6.6	Middle	2	2	16.73	7.87	33.38	91.6	7.28	2.6	4.9
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:44:51	12.1	Bottom	3	1	16.72	7.86	33.38	92	7.31	2.7	3.8
HKLR	HY/2011/03	2014-02-14	Mid-Flood	Cloudy	CS(Mf)5	12:45:29	12.1	Bottom	3	2	16.73	7.86	33.37	91.8	7.29	2.7	5.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:00:45	1.0	Surface	1	1	16.19	7.87	33.6	100	8.01	4.7	6.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:01:13	1.0	Surface	1	2	16.19	7.86	33.58	100.1	8.03	5.1	6.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:01:04	4.6	Middle	2	1	16.19	7.87	33.6	99.9	8.01	4.9	4.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:00:32	4.6	Middle	2	2	16.21	7.87	33.64	99.7	7.99	4.9	5.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:00:24	8.1	Bottom	3	1	16.2	7.86	33.65	99.7	7.99	4.8	8.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS5	13:00:55	8.1	Bottom	3	2	16.2	7.87	33.61	99.8	8	5	8.3
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)6	13:07:11	1.0	Surface	1	1	15.97	7.9	33.23	103.5	8.35	5.6	6
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)6	13:06:52	1.0	Surface	1	2	16.09	7.89	33.24	102.9	8.28	5.9	6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)6	13:06:43	2.3	Bottom	3	1	16	7.88	33.21	102	8.22	6.3	4.7
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)6	13:07:04	2.3	Bottom	3	2	15.96	7.89	33.2	103	8.32	6.9	5.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS7	13:16:06	1.0	Surface	1	1	16.5	7.89	33.24	105	8.38	3.8	3.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS7	13:15:47	1.0	Surface	1	2	16.49	7.9	33.26	104.3	8.33	3.9	3.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS7	13:15:55	2.2	Bottom	3	1	16.41	7.89	33.22	104.5	8.36	4	3.5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS7	13:15:39	2.2	Bottom	3	2	16.41	7.9	33.23	103.4	8.28	4	3.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS8	13:42:10	1.0	Surface	1	1	16.24	7.95	33.22	101.1	8.11	3.8	4.5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS8	13:41:53	1.0	Surface	1	2	16.23	7.95	33.24	100.7	8.09	4	4.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS8	13:41:45	2.7	Bottom	3	1	16.12	7.95	33.22	100	8.04	4	4.3
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS8	13:42:00	2.7	Bottom	3	2	16.14	7.95	33.21	100.5	8.08	4.1	3.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)9	13:23:37	1.0	Surface	1	1	16.35	7.92	33.27	103.2	8.26	3.8	3.7
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)9	13:24:27	1.0	Surface	1	2	16.36	7.92	33.27	103.8	8.31	4	3.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)9	13:23:29	2.5	Bottom	3	1	16.4	7.92	33.27	102.9	8.23	5	3.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS(Mf)9	13:24:18	2.5	Bottom	3	2	16.31	7.92	33.27	103.4	8.29	5.2	5.5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:19:55	1.0	Surface	1	1	16.72	8.27	33.46	96.2	7.64	3.7	4.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:20:39	1.0	Surface	1	2	16.76	8.27	33.46	96.4	7.65	3.8	5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:19:43	5.2	Middle	2	1	16.23	8.27	33.46	94.9	7.61	4.6	5.3
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:20:28	5.2	Middle	2	2	16.28	8.27	33.46	95.1	7.61	4.3	5.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:20:15	9.3	Bottom	3	1	16.2	8.27	33.44	95	7.62	4.5	8.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	IS10	14:19:30	9.3	Bottom	3	2	16.23	8.27	33.43	94.9	7.61	4.6	6.6
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR3	12:46:40	0.8	Middle	2	1	16.19	7.83	33.76	99.1	7.93	5.3	5.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR3	12:46:30	0.8	Middle	2	2	16.2	7.83	33.76	98.5	7.89	4.9	5.3
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR4	13:34:56	1.0	Surface	1	1	17.01	7.87	33.19	95	7.52	3.3	3.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR4	13:35:11	1.0	Surface	1	2	17.14	7.87	33.14	95.5	7.53	3.2	3.7
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR4	13:35:02	2.5	Bottom	3	1	17.05	7.87	33.17	95.1	7.52	3.2	3.5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR4	13:34:50	2.5	Bottom	3	2	17.01	7.87	33.17	94.8	7.5	3.1	3.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR5	14:08:35	1.0	Surface	1	1	16.82	8.27	33.42	96.6	7.66	3.5	4.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR5	14:07:59	1.0	Surface	1	2	16.69	8.27	33.44	96	7.63	3.5	4.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR5	14:07:47	3.6	Bottom	3	1	16.29	8.27	33.42	95	7.61	3.5	5.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR5	14:08:18	3.6	Bottom	3	2	16.46	8.28	33.43	95.7	7.64	3.6	4.6
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:44:06	1.0	Surface	1	1	16.64	7.9	33.58	90.1	7.16	3.8	4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:44:51	1.0	Surface	1	2	16.65	7.9	33.58	89.9	7.15	4.2	2.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:43:53	3.4	Middle	2	1	16.64	7.9	33.59	89.9	7.14	4.1	6.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:44:40	3.4	Middle	2	2	16.65	7.9	33.59	89.9	7.14	4.2	5.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:44:30	5.8	Bottom	3	1	16.64	7.9	33.59	89.8	7.13	4	7.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10A	14:43:44	5.8	Bottom	3	2	16.65	7.9	33.59	89.8	7.14	3.9	5.9
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10B	14:59:03	1.0	Surface	1	1	16.66	7.92	33.58	90.1	7.16	3.8	4.5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10B	14:59:22	1.0	Surface	1	2	16.66	7.92	33.58	90	7.15	4.1	4.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10B	14:58:52	4.7	Bottom	3	1	16.65	7.92	33.58	89.8	7.14	4.1	9.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	SR10B	14:59:12	4.7	Bottom	3	2	16.66	7.92	33.57	90	7.15	3.9	7.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:47:33	1.0	Surface	1	1	16.32	8.32	33.48	94	7.52	5.7	8.1
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:47:06	1.0	Surface	1	2	16.47	8.33	33.46	93.4	7.46	5.5	6.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:47:25	4.0	Middle	2	1	16.38	8.33	33.61	93.6	7.48	8.1	4.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:46:51	4.0	Middle	2	2	16.36	8.35	33.67	92.2	7.36	7.9	5
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:46:33	6.9	Bottom	3	1	16.41	8.35	33.8	90.2	7.19	8	4.2
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS2	12:47:17	6.9	Bottom	3	2	16.38	8.33	33.62	93.4	7.46	8.3	5.6
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:15:56	1.0	Surface	1	1	16.63	7.93	33.56	95.1	7.56	3.5	4.3
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:15:19	1.0	Surface	1	2	16.68	7.94	33.53	95.1	7.56	3.4	5.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:15:00	6.7	Middle	2	1	16.24	7.95	33.57	93.6	7.5	3.6	4.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:15:40	6.7	Middle	2	2	16.27	7.93	33.56	93.9	7.52	3.6	3.8
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:14:47	12.4	Bottom	3	1	16.28	7.95	33.55	94	7.52	3.4	5.4
HKLR	HY/2011/03	2014-02-17	Mid-Ebb	Sunny	CS(Mf)5	14:15:27	12.4	Bottom	3	2	16.44	7.94	33.49	94.4	7.53	3.4	4.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:07:16	1.0	Surface	1	1	15.52	7.9	32.59	96.8	7.91	4.3	6.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:06:24	1.0	Surface	1	2	15.53	7.89	32.61	96.8	7.91	4.4	5.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:06:10	4.5	Middle	2	1	15.55	7.89	32.66	96.5	7.88	4.7	6.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:07:02	4.5	Middle	2	2	15.55	7.9	32.65	96.5	7.88	4.4	6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:06:49	7.9	Bottom	3	1	15.56	7.9	32.67	96.3	7.86	4.4	6.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS5	9:05:59	7.9	Bottom	3	2	15.55	7.88	32.67	96.5	7.88	4.7	5.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)6	8:58:07	1.0	Surface	1	1	15.53	7.86	32.62	97.7	7.98	6.5	6.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)6	8:57:53	1.0	Surface	1	2	15.52	7.86	32.62	97.7	7.98	6.8	4.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)6	8:57:47	2.2	Bottom	3	1	15.53	7.85	32.65	97.7	7.98	7.9	5.9
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)6	8:58:01	2.2	Bottom	3	2	15.53	7.86	32.64	97.6	7.97	8.3	7.1
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS7	8:51:00	1.0	Surface	1	1	15.56	7.85	32.61	96.8	7.9	5.7	7.1
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS7	8:51:17	1.0	Surface	1	2	15.56	7.85	32.62	96.8	7.9	5.4	6.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS7	8:50:53	2.4	Bottom	3	1	15.57	7.85	32.64	96.8	7.9	5.4	6.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS7	8:51:10	2.4	Bottom	3	2	15.57	7.85	32.65	96.8	7.9	5.5	6.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS8	8:26:38	1.0	Surface	1	1	15.87	7.8	32.94	93.1	7.54	4.3	3.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS8	8:26:58	1.0	Surface	1	2	15.86	7.8	32.94	93	7.53	4.4	5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS8	8:26:47	2.9	Bottom	3	1	15.86	7.8	32.95	93	7.53	5.9	3.7
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS8	8:26:27	2.9	Bottom	3	2	15.87	7.79	32.96	93	7.53	5.6	3.1
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)9	8:44:39	1.0	Surface	1	1	15.76	7.84	32.78	95.2	7.73	7.7	9.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)9	8:44:21	1.0	Surface	1	2	15.76	7.84	32.77	95.3	7.74	7.6	10.7
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)9	8:44:12	2.7	Bottom	3	1	15.76	7.83	32.76	95.4	7.75	8.1	10.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS(Mf)9	8:44:30	2.7	Bottom	3	2	15.76	7.84	32.77	95.2	7.74	7.8	10.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:27:10	1.0	Surface	1	1	15.94	8.26	33.69	93.4	7.52	13.4	15.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:26:32	1.0	Surface	1	2	15.94	8.26	33.69	93.4	7.52	13.7	15
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:26:22	5.4	Middle	2	1	15.94	8.26	33.7	93.3	7.51	13.6	14
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:26:59	5.4	Middle	2	2	15.94	8.26	33.7	93.1	7.5	13.5	13
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:26:45	9.7	Bottom	3	1	15.94	8.26	33.7	93.1	7.49	13.5	14.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	IS10	8:26:04	9.7	Bottom	3	2	15.95	8.26	33.71	93.1	7.5	13.5	14.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR3	9:21:24	0.8	Middle	2	1	15.52	7.91	32.59	97.2	7.95	4.8	6.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR3	9:21:17	0.8	Middle	2	2	15.52	7.91	32.59	97.2	7.95	4.2	4.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR4	8:34:24	1.0	Surface	1	1	15.89	7.79	32.92	91.5	7.41	6.5	8.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR4	8:34:35	1.0	Surface	1	2	15.89	7.79	32.92	91.5	7.41	6.2	9.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR4	8:34:17	2.7	Bottom	3	1	15.89	7.78	32.93	91.5	7.41	7.3	7.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR4	8:34:29	2.7	Bottom	3	2	15.89	7.79	32.93	91.4	7.4	7	8.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR5	8:34:28	1.0	Surface	1	1	15.94	8.26	33.68	93.4	7.52	12.2	13.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR5	8:34:53	1.0	Surface	1	2	15.94	8.26	33.69	93.4	7.52	12.4	14.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR5	8:34:20	3.6	Bottom	3	1	15.94	8.26	33.69	93.4	7.52	12.5	14.9
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR5	8:34:40	3.6	Bottom	3	2	15.94	8.26	33.69	93.3	7.51	12.4	15.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:26:37	1.0	Surface	1	1	16.21	7.78	33.11	91.8	7.38	4.1	5.9
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:27:07	1.0	Surface	1	2	16.21	7.79	33.11	91.7	7.37	4	5.9
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:26:26	3.4	Middle	2	1	16.21	7.78	33.11	91.7	7.37	4.3	4.1
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:26:56	3.4	Middle	2	2	16.21	7.78	33.11	91.5	7.36	4	3.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:26:19	5.8	Bottom	3	1	16.2	7.77	33.11	91.8	7.38	4.5	3.6
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10A	7:26:47	5.8	Bottom	3	2	16.21	7.78	33.11	91.5	7.36	4.3	4.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10B	7:11:16	1.0	Surface	1	1	16.48	7.74	33.16	89.3	7.14	4.8	6.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10B	7:10:55	1.0	Surface	1	2	16.5	7.73	33.16	89.6	7.16	4.5	7.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10B	7:11:08	4.7	Bottom	3	1	16.49	7.74	33.16	89.3	7.13	4.6	5.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	SR10B	7:10:47	4.7	Bottom	3	2	16.51	7.73	33.16	89.7	7.17	4.9	5.7
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:56:42	1.0	Surface	1	1	15.99	8.27	33.8	94.3	7.58	14.8	11.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:57:15	1.0	Surface	1	2	15.98	8.28	33.8	94.4	7.59	14.5	12.2
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:56:35	4.0	Middle	2	1	15.99	8.27	33.8	94.2	7.57	15.6	11.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:57:05	4.0	Middle	2	2	15.98	8.28	33.8	94.2	7.57	14.3	11.5
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:56:23	7.0	Bottom	3	1	15.99	8.28	33.8	94.1	7.56	15.2	13.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS2	9:56:54	7.0	Bottom	3	2	15.98	8.28	33.8	94.1	7.57	14.9	12.1
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:55:13	1.0	Surface	1	1	16.04	7.81	33.15	94.3	7.6	6	3.7
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:54:26	1.0	Surface	1	2	16.03	7.81	33.15	94	7.58	5.4	2.9
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:54:47	6.8	Middle	2	1	16.03	7.81	33.15	93.8	7.57	7.3	4.8
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:54:14	6.8	Middle	2	2	16.03	7.81	33.15	93.7	7.55	7.1	4.3
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:54:36	12.6	Bottom	3	1	16.03	7.81	33.15	93.7	7.56	8	7.4
HKLR	HY/2011/03	2014-02-17	Mid-Flood	Cloudy	CS(Mf)5	7:54:06	12.6	Bottom	3	2	16.03	7.8	33.15	93.8	7.56	7.8	6.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:26:40	1.0	Surface	1	1	16.04	7.91	33.15	95	7.66	8.8	8.6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:26:05	1.0	Surface	1	2	16.02	7.91	33.17	95	7.66	8.6	9.6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:26:27	4.3	Middle	2	1	16.02	7.91	33.16	94.5	7.62	8.9	8.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:25:54	4.3	Middle	2	2	16.01	7.91	33.18	94.6	7.63	8.7	10.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:25:40	7.6	Bottom	3	1	16.01	7.91	33.19	94.7	7.64	8.8	10.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS5	14:26:21	7.6	Bottom	3	2	16.02	7.91	33.17	94.5	7.62	8.9	12.5
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)6	14:33:15	1.0	Surface	1	1	15.81	7.93	33.07	98.9	8.01	6.8	6.5
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)6	14:33:01	1.0	Surface	1	2	15.81	7.93	33.08	98.8	8	6.9	6.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)6	14:32:53	2.0	Bottom	3	1	15.82	7.93	33.08	98.6	7.99	6.8	6.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)6	14:33:07	2.0	Bottom	3	2	15.81	7.93	33.09	98.7	7.99	6.7	8.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS7	14:39:35	1.0	Surface	1	1	15.81	7.96	33.1	100.8	8.16	6.4	7.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS7	14:39:50	1.0	Surface	1	2	15.81	7.97	33.1	100.7	8.16	6.5	9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS7	14:39:24	2.1	Bottom	3	1	15.79	7.96	33.1	100.7	8.16	6.6	8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS7	14:39:40	2.1	Bottom	3	2	15.81	7.96	33.1	100.7	8.16	6.5	6.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS8	15:02:21	1.0	Surface	1	1	16.2	7.93	33.12	101.9	8.19	4.5	5.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS8	15:02:01	1.0	Surface	1	2	15.96	7.97	33.12	98.1	7.92	4.4	6.5
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS8	15:02:11	3.0	Bottom	3	1	15.96	7.97	33.12	97.9	7.9	4.5	6.4
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS8	15:01:53	3.0	Bottom	3	2	15.96	7.97	33.13	98	7.92	4.4	6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)9	14:45:45	1.0	Surface	1	1	15.84	7.96	33.04	100.2	8.11	5.5	3.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)9	14:46:01	1.0	Surface	1	2	15.84	7.96	33.04	99.9	8.09	5.3	5.2
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)9	14:45:35	2.7	Bottom	3	1	15.84	7.95	33.04	100.4	8.13	5.5	7.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS(Mf)9	14:45:53	2.7	Bottom	3	2	15.84	7.96	33.03	100	8.1	5.4	7.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:11:17	1.0	Surface	1	1	16.15	8.28	33.42	93.1	7.48	8	8.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:10:32	1.0	Surface	1	2	16.15	8.27	33.42	93.2	7.49	8	10
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:10:10	5.1	Middle	2	1	16.17	8.27	33.42	93	7.47	8.6	8.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:11:00	5.1	Middle	2	2	16.16	8.27	33.43	92.8	7.45	8.1	10.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:10:48	9.1	Bottom	3	1	16.16	8.27	33.43	92.9	7.46	8.1	8.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	IS10	15:09:57	9.1	Bottom	3	2	16.17	8.27	33.42	92.9	7.46	8	9.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR3	14:16:44	0.7	Middle	2	1	15.99	7.87	33.34	98.2	7.92	9.2	11.2
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR3	14:16:36	0.7	Middle	2	2	15.98	7.86	33.34	99.2	7.99	9.5	11.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR4	14:56:31	1.0	Surface	1	1	15.94	7.95	33.12	98.9	7.99	5.1	6.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR4	14:56:50	1.0	Surface	1	2	15.94	7.96	33.12	98.6	7.96	5	7.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR4	14:56:21	2.7	Bottom	3	1	15.93	7.95	33.12	99	8	5	6.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR4	14:56:40	2.7	Bottom	3	2	15.94	7.95	33.12	98.6	7.97	5	7.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR5	15:03:14	1.0	Surface	1	1	16.15	8.27	33.42	93.6	7.52	8	8.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR5	15:02:47	1.0	Surface	1	2	16.15	8.27	33.42	93.9	7.54	8.2	8.6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR5	15:02:59	4.8	Bottom	3	1	16.16	8.27	33.42	93.5	7.51	8	7.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR5	15:02:24	4.8	Bottom	3	2	16.16	8.26	33.42	93.9	7.54	8.3	8.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:12:42	1.0	Surface	1	1	16.51	7.9	33.4	91	7.25	1.9	3.7
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:13:21	1.0	Surface	1	2	16.49	7.91	33.39	90.6	7.23	2	4.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:13:10	3.2	Middle	2	1	16.49	7.91	33.4	90.3	7.2	2.2	2.3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:12:32	3.2	Middle	2	2	16.51	7.9	33.41	90.9	7.25	2.2	2.4
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:13:00	5.3	Bottom	3	1	16.49	7.9	33.4	90.3	7.2	2.2	2.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10A	16:12:22	5.3	Bottom	3	2	16.51	7.9	33.41	91.1	7.27	2.3	3
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10B	16:22:12	1.0	Surface	1	1	16.48	7.91	33.38	89.8	7.17	2.1	2.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10B	16:21:52	1.0	Surface	1	2	16.48	7.91	33.38	89.8	7.17	2.2	2.6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10B	16:22:01	3.7	Bottom	3	1	16.47	7.91	33.38	89.8	7.16	2.1	2.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	SR10B	16:21:38	3.7	Bottom	3	2	16.48	7.91	33.38	89.8	7.16	2.2	2.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:51:12	1.0	Surface	1	1	16.3	8.24	33.51	92.7	7.42	4.7	5.4
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:50:20	1.0	Surface	1	2	16.31	8.22	33.53	94.5	7.56	4.4	6.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:50:57	3.6	Middle	2	1	16.3	8.24	33.52	92.8	7.42	4.6	4.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:49:56	3.6	Middle	2	2	16.3	8.2	33.56	96.2	7.7	4.2	4.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:50:42	6.1	Bottom	3	1	16.3	8.23	33.53	93	7.44	4.5	5.1
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS2	13:49:46	6.1	Bottom	3	2	16.3	8.19	33.57	97.7	7.82	4.3	5.6
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:41:14	1.0	Surface	1	1	16.52	7.92	33.36	89.5	7.14	2.2	2.8
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:42:04	1.0	Surface	1	2	16.51	7.92	33.35	89.6	7.15	2.3	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:41:02	6.3	Middle	2	1	16.52	7.91	33.36	89.2	7.12	2.4	2
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:41:45	6.3	Middle	2	2	16.52	7.92	33.36	89	7.1	2.4	2.9
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:40:48	11.5	Bottom	3	1	16.52	7.91	33.36	89.1	7.11	2.4	3.2
HKLR	HY/2011/03	2014-02-19	Mid-Ebb	Fine	CS(Mf)5	15:41:35	11.5	Bottom	3	2	16.52	7.92	33.36	89	7.1	2.5	2.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:17:38	1.0	Surface	1	1	16.16	7.92	33.11	95.3	7.66	8.6	6.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:18:11	1.0	Surface	1	2	16.13	7.92	33.1	95.1	7.66	8.5	8.5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:17:27	4.5	Middle	2	1	16.07	7.92	33.1	94.9	7.65	8.6	9.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:18:01	4.5	Middle	2	2	16.09	7.92	33.08	94.9	7.64	8.7	8
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:17:18	7.9	Bottom	3	1	16.08	7.92	33.07	94.9	7.65	9.1	9.7
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS5	10:17:49	7.9	Bottom	3	2	16.12	7.92	33.07	94.8	7.64	9	10.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)6	10:10:14	1.0	Surface	1	1	15.95	7.93	33.06	95.9	7.75	8.4	9.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)6	10:10:30	1.0	Surface	1	2	15.95	7.93	33.06	95.8	7.74	8.4	11.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)6	10:10:21	2.2	Bottom	3	1	15.94	7.93	33.05	95.9	7.75	8.3	14.7
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)6	10:10:05	2.2	Bottom	3	2	15.95	7.93	33.06	96.1	7.76	8.2	16.8
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS7	10:03:34	1.0	Surface	1	1	15.76	7.94	33.1	96.5	7.82	10.4	12.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS7	10:03:51	1.0	Surface	1	2	15.76	7.93	33.09	96.3	7.81	10.5	12.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS7	10:03:43	2.2	Bottom	3	1	15.76	7.93	33.1	96.3	7.81	10.3	12.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS7	10:03:27	2.2	Bottom	3	2	15.76	7.93	33.1	96.7	7.84	10.1	13.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS8	9:39:34	1.0	Surface	1	1	15.85	7.91	33.05	96.8	7.84	5.5	8.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS8	9:39:50	1.0	Surface	1	2	15.85	7.91	33.05	96.6	7.82	5.7	6.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS8	9:39:22	3.0	Bottom	3	1	15.85	7.91	33.05	96.9	7.85	5.8	6.9
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS8	9:39:41	3.0	Bottom	3	2	15.85	7.91	33.05	96.7	7.83	5.9	6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)9	9:57:39	1.0	Surface	1	1	15.92	7.93	33.04	97.2	7.86	9.4	9.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)9	9:57:22	1.0	Surface	1	2	15.91	7.93	33.04	97.2	7.86	9.7	8.7
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)9	9:57:31	2.8	Bottom	3	1	15.92	7.93	33.05	97.2	7.86	9.3	9.9
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS(Mf)9	9:57:13	2.8	Bottom	3	2	15.92	7.93	33.05	97.5	7.89	9.6	9.8
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:37:55	1.0	Surface	1	1	16.24	8.26	33.56	93	7.45	9	12.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:36:58	1.0	Surface	1	2	16.27	8.25	33.57	93.3	7.47	9.9	12.9
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:36:42	5.2	Middle	2	1	16.28	8.25	33.58	93.2	7.46	10.6	12
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:37:33	5.2	Middle	2	2	16.28	8.26	33.57	92.7	7.42	10.2	13.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:37:15	9.4	Bottom	3	1	16.28	8.25	33.58	92.8	7.43	10.1	12.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	IS10	9:36:33	9.4	Bottom	3	2	16.28	8.25	33.58	93.3	7.47	9.3	12.8
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR3	10:25:02	0.7	Middle	2	1	16.14	7.92	33.1	95.3	7.67	8.7	10
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR3	10:24:56	0.7	Middle	2	2	16.14	7.92	33.1	95.3	7.67	8.6	9.5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR4	9:46:29	1.0	Surface	1	1	15.69	7.88	32.93	95	7.72	9	12.7
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR4	9:46:13	1.0	Surface	1	2	15.7	7.88	32.94	95.4	7.75	8.8	14.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR4	9:46:19	2.7	Bottom	3	1	15.7	7.88	32.94	95.1	7.73	8.7	14.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR4	9:46:02	2.7	Bottom	3	2	15.7	7.87	32.94	95.7	7.78	8.7	13.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR5	9:47:43	1.0	Surface	1	1	16.26	8.26	33.56	92.8	7.43	9.7	11
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR5	9:48:16	1.0	Surface	1	2	16.26	8.26	33.56	92.8	7.43	9	12
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR5	9:48:00	4.7	Bottom	3	1	16.27	8.26	33.56	92.7	7.42	9.2	11.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR5	9:47:26	4.7	Bottom	3	2	16.27	8.26	33.57	92.6	7.41	9.5	11.5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:43:00	1.0	Surface	1	1	16.53	7.84	33.21	88.5	7.06	3.3	4.5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:42:23	1.0	Surface	1	2	16.53	7.84	33.2	88.8	7.08	3.4	5.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:42:14	3.3	Middle	2	1	16.54	7.84	33.2	88.7	7.08	3.6	4.7
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:42:52	3.3	Middle	2	2	16.54	7.84	33.21	88.5	7.06	3.5	5.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:42:42	5.5	Bottom	3	1	16.55	7.84	33.22	88.4	7.06	3.5	5.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10A	8:42:04	5.5	Bottom	3	2	16.54	7.84	33.21	88.7	7.08	3.6	5.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10B	8:35:49	1.0	Surface	1	1	16.56	7.81	33.11	90.1	7.19	3.6	5.8
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10B	8:36:03	1.0	Surface	1	2	16.56	7.81	33.12	89.8	7.17	3.6	6.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10B	8:35:38	4.1	Bottom	3	1	16.56	7.81	33.1	90.3	7.21	3.5	5.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	SR10B	8:35:54	4.1	Bottom	3	2	16.56	7.81	33.12	90	7.18	3.7	5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:03:11	1.0	Surface	1	1	16.21	8.27	33.53	92.8	7.44	9.5	9.3
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:04:08	1.0	Surface	1	2	16.22	8.27	33.52	92.8	7.43	9.8	9.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:03:53	3.5	Middle	2	1	16.22	8.27	33.53	92.6	7.42	10.2	10.2
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:03:01	3.5	Middle	2	2	16.21	8.27	33.54	92.7	7.43	9.4	11.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:03:43	6.0	Bottom	3	1	16.22	8.27	33.54	92.5	7.41	8.6	10.5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS2	11:02:50	6.0	Bottom	3	2	16.21	8.27	33.54	92.5	7.42	8.8	10.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:10:53	1.0	Surface	1	1	16.4	7.87	33.24	90.4	7.23	4.2	3.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:11:35	1.0	Surface	1	2	16.4	7.87	33.24	90.2	7.22	4.2	5
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:10:37	6.4	Middle	2	1	16.41	7.87	33.25	90.1	7.21	5.3	4.1
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:11:24	6.4	Middle	2	2	16.4	7.87	33.25	89.9	7.19	5.5	4.4
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:10:25	11.7	Bottom	3	1	16.4	7.87	33.25	89.8	7.19	6.7	5.6
HKLR	HY/2011/03	2014-02-19	Mid-Flood	Rainy	CS(Mf)5	9:11:15	11.7	Bottom	3	2	16.4	7.87	33.25	89.8	7.18	6.5	5.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:40:54	1.0	Surface	1	1	15.67	7.85	33.72	97.8	7.91	5.2	7.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:41:30	1.0	Surface	1	2	15.66	7.86	33.69	97.6	7.9	5.4	7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:40:42	4.4	Middle	2	1	15.67	7.85	33.75	97.5	7.89	5.1	7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:41:18	4.4	Middle	2	2	15.67	7.85	33.72	97.4	7.88	5	6.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:41:10	7.8	Bottom	3	1	15.67	7.85	33.73	97.5	7.89	5	6.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS5	15:40:30	7.8	Bottom	3	2	15.67	7.85	33.75	97.6	7.9	5.2	7.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)6	15:48:23	1.0	Surface	1	1	15.81	7.87	33.57	103.4	8.35	5.8	7.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)6	15:48:08	1.0	Surface	1	2	15.81	7.87	33.57	103.2	8.34	5.8	6.9
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)6	15:48:01	2.3	Bottom	3	1	15.81	7.87	33.58	103.2	8.34	5.7	6.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)6	15:48:15	2.3	Bottom	3	2	15.81	7.87	33.58	103.4	8.35	5.9	6.5
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS7	15:54:12	1.0	Surface	1	1	15.87	7.9	33.56	103.1	8.32	7.7	7.9
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS7	15:54:30	1.0	Surface	1	2	15.87	7.9	33.55	103.1	8.32	7.2	7.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS7	15:54:02	2.5	Bottom	3	1	15.87	7.9	33.56	103.1	8.32	8	6.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS7	15:54:18	2.5	Bottom	3	2	15.87	7.9	33.56	103	8.31	8	8.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS8	16:16:33	1.0	Surface	1	1	16.34	7.88	33.26	98.3	7.87	5.3	6.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS8	16:16:52	1.0	Surface	1	2	16.34	7.89	33.26	98	7.85	5.5	6.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS8	16:16:42	2.8	Bottom	3	1	16.35	7.89	33.29	98.1	7.86	4.6	5.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS8	16:16:20	2.8	Bottom	3	2	16.35	7.88	33.31	98.9	7.91	4.6	4.9
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)9	16:00:32	1.0	Surface	1	1	16.07	7.88	33.53	99	7.96	7	5.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)9	16:00:11	1.0	Surface	1	2	16.07	7.88	33.54	99.5	8	6.6	6.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)9	16:00:02	2.4	Bottom	3	1	16.07	7.88	33.54	100	8.03	6.9	6.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS(Mf)9	16:00:22	2.4	Bottom	3	2	16.07	7.88	33.54	99	7.96	7.3	5.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:02:21	1.0	Surface	1	1	16.04	8.31	33.5	94.2	7.58	3.1	3.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:01:47	1.0	Surface	1	2	16.04	8.31	33.51	94.2	7.58	3.1	3.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:01:31	5.3	Middle	2	1	16.01	8.31	33.53	93.9	7.56	3.2	4.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:02:10	5.3	Middle	2	2	16.02	8.31	33.52	93.9	7.55	3.1	3.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:01:23	9.5	Bottom	3	1	16.02	8.3	33.52	93.8	7.55	3.3	5.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	IS10	17:02:00	9.5	Bottom	3	2	16.02	8.3	33.52	93.8	7.54	3.3	3.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR3	15:26:37	0.8	Middle	2	1	15.67	7.84	33.81	99.4	8.04	5.4	6.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR3	15:26:45	0.8	Middle	2	2	15.67	7.84	33.83	99.5	8.04	5.5	8.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR4	16:09:18	1.0	Surface	1	1	16.24	7.9	33.6	97.4	7.8	6	4.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR4	16:08:46	1.0	Surface	1	2	16.24	7.9	33.61	98.1	7.85	5.6	4.9
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR4	16:08:39	2.5	Bottom	3	1	16.23	7.9	33.62	98.3	7.87	5.5	3.9
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR4	16:08:59	2.5	Bottom	3	2	16.24	7.9	33.61	97.5	7.81	5.6	5.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR5	16:50:36	1.0	Surface	1	1	16.03	8.3	33.52	94.8	7.63	3.2	4.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR5	16:50:13	1.0	Surface	1	2	16.03	8.3	33.52	95.4	7.67	3.4	4.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR5	16:50:06	3.8	Bottom	3	1	16.03	8.31	33.53	95.5	7.68	3	3.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR5	16:50:26	3.8	Bottom	3	2	16.02	8.3	33.53	94.9	7.63	3.1	4.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:20:06	1.0	Surface	1	1	16.5	7.9	33.72	91.9	7.32	1.8	3.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:19:31	1.0	Surface	1	2	16.5	7.89	33.72	92.2	7.34	1.8	4.4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:19:15	3.4	Middle	2	1	16.5	7.88	33.74	92.2	7.34	2	3.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:19:57	3.4	Middle	2	2	16.5	7.89	33.74	91.8	7.31	1.8	4
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:19:02	5.7	Bottom	3	1	16.5	7.88	33.74	92.1	7.33	1.7	4.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10A	17:19:46	5.7	Bottom	3	2	16.5	7.89	33.75	91.9	7.31	1.8	2.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10B	17:34:57	1.0	Surface	1	1	16.5	7.9	33.71	91.7	7.3	1.8	3.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10B	17:34:28	1.0	Surface	1	2	16.5	7.89	33.72	91.7	7.3	1.7	2.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10B	17:34:38	4.4	Bottom	3	1	16.5	7.9	33.72	91.6	7.29	1.6	3.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	SR10B	17:34:21	4.4	Bottom	3	2	16.5	7.89	33.72	91.6	7.29	1.7	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	2014-02-21	Mid-Ebb	Sunny	CS2	15:26:27	1.0	Surface	1	1	15.96	8.36	33.62	95.5	7.69	1.9	4.1
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS2	15:26:55	1.0	Surface	1	2	15.95	8.35	33.56	95.3	7.67	1.8	2.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS2	15:26:47	3.9	Middle	2	1	15.95	8.35	33.6	95.1	7.66	1.8	2.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS2	15:26:19	3.9	Middle	2	2	15.95	8.36	33.67	95.5	7.69	1.8	3.7
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS2	15:25:57	6.8	Bottom	3	1	15.96	8.39	33.77	96.4	7.75	1.8	2.5
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS2	15:26:39	6.8	Bottom	3	2	15.95	8.35	33.63	95.3	7.67	1.7	2.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:52:57	1.0	Surface	1	1	16.51	7.91	33.65	92.4	7.35	2.2	3.6
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:53:35	1.0	Surface	1	2	16.52	7.91	33.66	92.2	7.34	2.1	3.3
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:52:37	6.6	Middle	2	1	16.55	7.91	33.75	92	7.31	2.7	4.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:53:21	6.6	Middle	2	2	16.55	7.91	33.74	91.9	7.31	2.5	3.2
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:52:27	12.1	Bottom	3	1	16.55	7.91	33.75	92.2	7.34	2.5	3.8
HKLR	HY/2011/03	2014-02-21	Mid-Ebb	Sunny	CS(Mf)5	16:53:11	12.1	Bottom	3	2	16.55	7.91	33.74	91.9	7.31	2.4	3.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:15:04	1.0	Surface	1	1	15.5	7.93	33.19	96.5	7.86	5.1	5.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:14:20	1.0	Surface	1	2	15.5	7.93	33.19	96.4	7.86	4.9	5.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:14:49	4.4	Middle	2	1	15.49	7.93	33.19	96.3	7.84	4.9	7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:14:07	4.4	Middle	2	2	15.49	7.93	33.2	96.3	7.85	4.8	6.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:14:41	7.7	Bottom	3	1	15.48	7.93	33.2	96.3	7.84	5	6.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS5	11:13:57	7.7	Bottom	3	2	15.49	7.93	33.2	96.4	7.85	5	5.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)6	11:05:02	1.0	Surface	1	1	15.57	7.92	33.21	98.2	7.98	6.8	8.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)6	11:05:22	1.0	Surface	1	2	15.58	7.93	33.21	98	7.97	6.4	7.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)6	11:05:13	2.1	Bottom	3	1	15.57	7.93	33.21	98	7.97	7.3	8.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)6	11:04:52	2.1	Bottom	3	2	15.57	7.92	33.21	98.2	7.99	7.9	8.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS7	10:59:54	1.0	Surface	1	1	15.56	7.92	33.16	99.5	8.1	8.2	10.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS7	11:00:13	1.0	Surface	1	2	15.56	7.93	33.16	99.5	8.09	7.9	11.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS7	11:00:03	2.4	Bottom	3	1	15.56	7.92	33.16	99.4	8.09	8	14
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS7	10:59:44	2.4	Bottom	3	2	15.54	7.92	33.16	99.5	8.1	8	13.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS8	10:37:34	1.0	Surface	1	1	15.97	7.91	33.28	92.4	7.45	6.5	8.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS8	10:37:52	1.0	Surface	1	2	15.97	7.91	33.28	92.4	7.45	6.6	9.3
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS8	10:37:27	2.8	Bottom	3	1	15.97	7.91	33.28	92.4	7.46	6.4	8.6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS8	10:37:43	2.8	Bottom	3	2	15.96	7.91	33.28	92.4	7.45	6.4	10
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)9	10:52:49	1.0	Surface	1	1	15.76	7.88	33.2	97	7.86	4.6	5.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)9	10:52:03	1.0	Surface	1	2	15.75	7.87	33.19	97.2	7.87	4.8	6.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)9	10:51:52	2.4	Bottom	3	1	15.75	7.86	33.2	97.3	7.88	4.8	7.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS(Mf)9	10:52:42	2.4	Bottom	3	2	15.75	7.88	33.2	97	7.86	5.3	6.9
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:26:11	1.0	Surface	1	1	16.08	8.26	33.74	90.9	7.29	6	8.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:27:28	1.0	Surface	1	2	16.08	8.26	33.74	90.6	7.28	6.1	8.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:27:14	5.2	Middle	2	1	16.03	8.26	33.73	90.3	7.25	7.8	8.6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:25:52	5.2	Middle	2	2	16.04	8.26	33.74	90.5	7.27	7.6	7.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:27:04	9.3	Bottom	3	1	16.03	8.26	33.73	90.1	7.24	9.1	8.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	IS10	10:25:42	9.3	Bottom	3	2	16.02	8.26	33.73	90.3	7.26	9.5	6.7
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR3	11:27:02	0.8	Middle	2	1	15.5	7.92	33.19	96.5	7.86	4.8	5.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR3	11:26:51	0.8	Middle	2	2	15.5	7.92	33.19	96.5	7.86	5	5.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR4	10:42:39	1.0	Surface	1	1	15.98	7.89	33.27	93	7.5	5	5.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR4	10:42:56	1.0	Surface	1	2	15.96	7.89	33.27	92.7	7.48	4.9	6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR4	10:42:47	2.7	Bottom	3	1	15.96	7.89	33.27	92.6	7.47	4.9	4.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR4	10:42:32	2.7	Bottom	3	2	15.96	7.89	33.27	93.2	7.52	4.9	6.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR5	10:38:05	1.0	Surface	1	1	16.06	8.26	33.73	90.6	7.27	5.7	7.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR5	10:37:45	1.0	Surface	1	2	16.06	8.26	33.73	90.6	7.27	5.9	7.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR5	10:37:56	3.7	Bottom	3	1	16.06	8.26	33.73	90.4	7.26	5.9	6.4
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR5	10:37:35	3.7	Bottom	3	2	16.04	8.26	33.73	90.4	7.27	6.4	7.6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:20:19	1.0	Surface	1	1	16.45	7.86	33.45	91.4	7.3	1.8	2.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:21:02	1.0	Surface	1	2	16.45	7.87	33.45	91.3	7.29	1.7	3.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:20:12	3.3	Middle	2	1	16.45	7.86	33.45	91.4	7.29	1.6	3.2
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:20:38	3.3	Middle	2	2	16.45	7.86	33.46	91.2	7.28	1.6	2.3
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:20:31	5.5	Bottom	3	1	16.45	7.86	33.45	91.1	7.27	1.6	3.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10A	9:20:04	5.5	Bottom	3	2	16.45	7.85	33.45	91.4	7.29	1.6	2.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10B	9:04:53	1.0	Surface	1	1	16.45	7.83	33.35	91.4	7.3	1.8	2.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10B	9:04:27	1.0	Surface	1	2	16.44	7.81	33.32	91.4	7.31	1.9	4
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10B	9:04:42	4.5	Bottom	3	1	16.45	7.82	33.35	91.2	7.29	2	3.6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	SR10B	9:04:19	4.5	Bottom	3	2	16.44	7.81	33.31	91.3	7.3	1.8	2.6
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:51:11	1.0	Surface	1	1	15.68	8.28	33.63	94	7.61	4	5.9
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:51:52	1.0	Surface	1	2	15.7	8.28	33.62	94.1	7.61	4.1	6.8
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:51:02	4.1	Middle	2	1	15.68	8.28	33.63	93.8	7.59	4.2	6.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:51:35	4.1	Middle	2	2	15.68	8.28	33.63	93.8	7.6	4	5.3
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:51:23	7.1	Bottom	3	1	15.67	8.28	33.63	93.7	7.59	4	7.5
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS2	11:50:51	7.1	Bottom	3	2	15.68	8.28	33.63	93.7	7.59	3.9	6.4
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:46:27	1.0	Surface	1	1	16.38	7.84	33.43	90.9	7.27	2.4	3.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:47:06	1.0	Surface	1	2	16.37	7.85	33.43	90.9	7.26	2.2	4.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:46:14	6.8	Middle	2	1	16.37	7.84	33.44	90.7	7.25	2.2	3.1
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:46:53	6.8	Middle	2	2	16.37	7.85	33.44	90.6	7.24	2.3	3.3
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:46:37	12.5	Bottom	3	1	16.37	7.85	33.44	90.6	7.25	3	2.4
HKLR	HY/2011/03	2014-02-21	Mid-Flood	Sunny	CS(Mf)5	9:46:07	12.5	Bottom	3	2	16.37	7.84	33.44	90.7	7.25	3	2.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:22:54	1.0	Surface	1	1	16.54	7.94	33.92	99.5	7.91	4.2	5.2
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:22:16	1.0	Surface	1	2	16.55	7.93	33.96	99.4	7.9	4	5.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:22:07	4.5	Middle	2	1	16.54	7.93	33.98	99.2	7.88	4.1	6.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:22:41	4.5	Middle	2	2	16.53	7.93	33.93	99.2	7.88	4.2	5.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:21:59	8.0	Bottom	3	1	16.54	7.92	33.98	99.1	7.87	4.4	5.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS5	19:22:30	8.0	Bottom	3	2	16.54	7.93	33.94	99	7.86	4.5	6.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)6	19:28:51	1.0	Surface	1	1	16.47	7.97	33.76	102	8.12	4.3	4.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)6	19:28:38	1.0	Surface	1	2	16.47	7.97	33.76	101.7	8.1	4.2	6.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)6	19:28:43	2.5	Bottom	3	1	16.47	7.97	33.76	101.8	8.11	4.3	5.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)6	19:28:31	2.5	Bottom	3	2	16.47	7.97	33.77	101.4	8.07	4.2	5.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS7	19:35:33	1.0	Surface	1	1	16.78	7.99	33.69	103.4	8.19	6.4	6.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS7	19:35:42	1.0	Surface	1	2	16.78	7.99	33.69	103.6	8.21	6.5	7.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS7	19:35:38	2.5	Bottom	3	1	16.78	7.99	33.69	103.6	8.21	6.5	7.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS7	19:35:28	2.5	Bottom	3	2	16.78	7.99	33.7	103.1	8.17	6.5	6.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS8	19:55:28	1.0	Surface	1	1	16.92	7.98	33.68	98.7	7.8	5.1	6.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS8	19:55:37	1.0	Surface	1	2	16.91	7.98	33.68	98.4	7.77	5	7.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS8	19:55:33	2.5	Bottom	3	1	16.91	7.98	33.68	98.4	7.77	5	8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS8	19:55:24	2.5	Bottom	3	2	16.91	7.98	33.68	98.5	7.78	5.2	7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)9	19:41:25	1.0	Surface	1	1	17.02	7.98	33.76	99.5	7.84	6.7	8.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)9	19:41:45	1.0	Surface	1	2	17.02	7.98	33.75	99.4	7.83	6.5	8.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)9	19:41:30	2.2	Bottom	3	1	17.02	7.98	33.76	99.3	7.83	6.9	9.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS(Mf)9	19:41:20	2.2	Bottom	3	2	17.01	7.98	33.76	99.5	7.84	6.7	9.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:50:11	1.0	Surface	1	1	16.68	8.27	33.48	95.9	7.62	1.9	3.5
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:49:26	1.0	Surface	1	2	16.68	8.27	33.48	95.8	7.62	1.8	3.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:49:15	5.3	Middle	2	1	16.66	8.28	33.5	96	7.63	2.2	3.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:49:58	5.3	Middle	2	2	16.66	8.28	33.51	95.9	7.62	2.2	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:49:04	9.6	Bottom	3	1	16.66	8.28	33.5	95.3	7.57	2.2	2.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	IS10	20:49:48	9.6	Bottom	3	2	16.65	8.28	33.51	95.2	7.56	2.2	2.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR3	19:13:28	0.7	Middle	2	1	16.55	7.9	34.1	99	7.86	4.3	5.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR3	19:13:26	0.7	Middle	2	2	16.55	7.9	34.09	98.9	7.85	4.4	4.2
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR4	19:50:46	1.0	Surface	1	1	16.9	7.99	33.66	99.4	7.86	4	5.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR4	19:50:37	1.0	Surface	1	2	16.92	7.99	33.67	99.4	7.86	4.1	6.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR4	19:50:42	2.4	Bottom	3	1	16.89	7.99	33.68	99.4	7.85	4	5.9
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR4	19:50:32	2.4	Bottom	3	2	16.9	7.99	33.69	99.4	7.85	4.1	6.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR5	20:39:20	1.0	Surface	1	1	16.68	8.27	33.47	94.9	7.54	1.5	3.2
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR5	20:38:57	1.0	Surface	1	2	16.69	8.27	33.48	95	7.55	1.5	2.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR5	20:38:47	3.7	Bottom	3	1	16.69	8.27	33.49	95.1	7.55	1.5	3.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR5	20:39:09	3.7	Bottom	3	2	16.69	8.27	33.49	94.8	7.53	1.5	3.8
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10A	21:02:21	1.0	Surface	1	1	16.56	7.98	33.54	90.7	7.22	0.6	2.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10A	21:02:00	1.0	Surface	1	2	16.56	7.98	33.55	91.1	7.25	0.6	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	2014-02-24	Mid-Ebb	Sunny	SR10A	21:02:14	3.4	Middle	2	1	16.56	7.98	33.55	90.6	7.21	0.7	3.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10A	21:01:55	3.4	Middle	2	2	16.56	7.98	33.55	90.9	7.24	0.7	3.9
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10A	21:02:07	5.7	Bottom	3	1	16.56	7.98	33.55	90.6	7.21	0.7	2.9
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10A	21:01:50	5.7	Bottom	3	2	16.56	7.98	33.55	90.9	7.23	0.7	2.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10B	21:10:03	1.0	Surface	1	1	16.6	7.98	33.55	90.3	7.18	0.8	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10B	21:09:47	1.0	Surface	1	2	16.59	7.97	33.55	90.2	7.17	0.8	2.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10B	21:09:52	3.6	Bottom	3	1	16.6	7.97	33.55	90.2	7.17	0.8	2.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	SR10B	21:09:40	3.6	Bottom	3	2	16.59	7.97	33.55	90.1	7.17	0.8	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:18:06	1.0	Surface	1	1	16.69	8.29	33.53	95.1	7.55	1.5	2.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:17:20	1.0	Surface	1	2	16.69	8.3	33.6	95.3	7.56	1.5	2.1
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:17:02	3.9	Middle	2	1	16.69	8.31	33.66	95.2	7.55	1.4	2.2
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:17:54	3.9	Middle	2	2	16.69	8.29	33.55	95	7.54	1.4	3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:17:41	6.8	Bottom	3	1	16.67	8.3	33.57	94.8	7.53	1.4	3.3
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS2	19:16:48	6.8	Bottom	3	2	16.66	8.32	33.72	95	7.54	1.4	2.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:35:12	1.0	Surface	1	1	16.69	7.98	33.61	91.1	7.23	2.1	2.4
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:35:48	1.0	Surface	1	2	16.69	7.98	33.6	90.9	7.22	2	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:35:37	6.2	Middle	2	1	16.69	7.98	33.62	90.8	7.2	2.2	2.6
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:35:03	6.2	Middle	2	2	16.69	7.98	33.62	90.8	7.2	2.3	3.5
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:34:50	11.3	Bottom	3	1	16.69	7.98	33.63	90.5	7.18	2.5	2.9
HKLR	HY/2011/03	2014-02-24	Mid-Ebb	Sunny	CS(Mf)5	20:35:23	11.3	Bottom	3	2	16.69	7.98	33.62	90.4	7.18	2.5	2.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:44:13	1.0	Surface	1	1	16.38	7.98	33.12	102.9	8.24	4.2	4.6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:43:51	1.0	Surface	1	2	16.37	7.98	33.12	102.6	8.22	4.4	3.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:43:45	4.7	Middle	2	1	16.32	7.97	33.13	102.2	8.2	4.4	4.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:44:06	4.7	Middle	2	2	16.35	7.98	33.13	102.6	8.23	4.4	4.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:43:39	8.4	Bottom	3	1	16.3	7.97	33.12	102.1	8.19	4.7	5.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS5	13:44:00	8.4	Bottom	3	2	16.38	7.98	33.1	102.7	8.22	4.6	6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)6	13:36:34	1.0	Surface	1	1	16.42	7.99	33.09	103.4	8.28	5.1	7.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)6	13:36:43	1.0	Surface	1	2	16.42	7.99	33.09	104.2	8.34	5	7.2
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)6	13:36:39	2.3	Bottom	3	1	16.42	7.99	33.09	103.8	8.31	5	8.4
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)6	13:36:30	2.3	Bottom	3	2	16.43	7.99	33.09	102.9	8.24	5.1	7.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS7	13:31:06	1.0	Surface	1	1	16.52	7.97	33.09	104	8.31	8.8	11.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS7	13:30:59	1.0	Surface	1	2	16.51	7.97	33.09	103.8	8.29	8.8	11.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS7	13:31:03	2.4	Bottom	3	1	16.52	7.97	33.09	103.9	8.3	9	11.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS7	13:30:55	2.4	Bottom	3	2	16.51	7.97	33.09	103.7	8.28	8.8	10.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS8	13:08:28	1.0	Surface	1	1	16.87	7.95	33.31	96.2	7.63	5	5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS8	13:08:16	1.0	Surface	1	2	16.85	7.95	33.33	95.9	7.6	5.1	6.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS8	13:08:13	2.4	Bottom	3	1	16.85	7.95	33.33	95.8	7.59	5.3	7.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS8	13:08:20	2.4	Bottom	3	2	16.86	7.95	33.32	96	7.61	5.2	8.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)9	13:24:53	1.0	Surface	1	1	16.87	7.95	33.2	100.4	7.96	4.6	6.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)9	13:25:01	1.0	Surface	1	2	16.85	7.95	33.19	100.4	7.96	4.5	6.6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)9	13:24:45	2.2	Bottom	3	1	16.87	7.95	33.2	100.2	7.94	4.7	6.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS(Mf)9	13:24:57	2.2	Bottom	3	2	16.88	7.95	33.19	100.4	7.96	4.7	5.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:27:54	1.0	Surface	1	1	16.61	8.25	33.76	95.9	7.62	3.5	3.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:27:16	1.0	Surface	1	2	16.59	8.25	33.76	95.9	7.62	3.5	3.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:27:04	5.5	Middle	2	1	16.53	8.25	33.77	95.5	7.59	3.4	4.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:27:42	5.5	Middle	2	2	16.55	8.25	33.78	95.6	7.6	3.5	5.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:26:54	9.9	Bottom	3	1	16.51	8.25	33.76	95.3	7.58	3.8	3.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	IS10	13:27:31	9.9	Bottom	3	2	16.5	8.25	33.77	95.2	7.58	3.8	3.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR3	13:50:52	0.8	Middle	2	1	16.42	7.96	33.11	103.9	8.31	3.7	4.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR3	13:50:54	0.8	Middle	2	2	16.42	7.97	33.11	103.9	8.32	3.9	6.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR4	13:14:12	1.0	Surface	1	1	16.86	7.95	33.25	97	7.69	5	4.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR4	13:14:05	1.0	Surface	1	2	16.85	7.95	33.27	96.8	7.67	5.1	6.2
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR4	13:14:09	2.5	Bottom	3	1	16.86	7.95	33.25	96.9	7.69	5.1	7.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR4	13:14:02	2.5	Bottom	3	2	16.83	7.95	33.27	96.6	7.67	5.2	5.6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR5	13:36:07	1.0	Surface	1	1	16.57	8.25	33.76	96	7.63	3.8	4.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR5	13:36:24	1.0	Surface	1	2	16.58	8.25	33.77	96	7.63	3.8	4.7

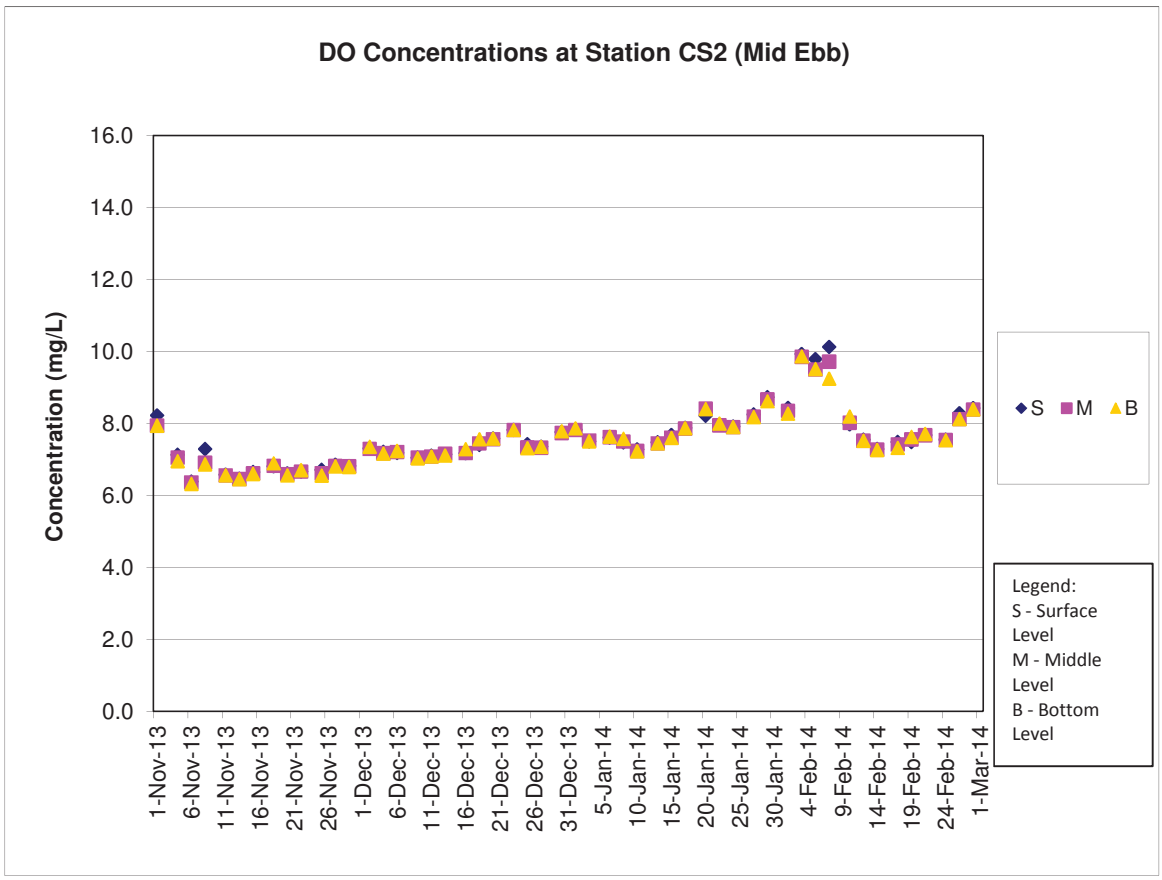
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR5	13:35:57	3.8	Bottom	3	1	16.53	8.25	33.76	95.7	7.61	3.9	4.4
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR5	13:36:15	3.8	Bottom	3	2	16.57	8.25	33.75	95.8	7.62	3.7	4.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:10	1.0	Surface	1	1	16.54	7.88	33.17	90.2	7.2	1	2.2
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:41	1.0	Surface	1	2	16.6	7.88	33.17	89.8	7.17	1	2.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:05	3.2	Middle	2	1	16.53	7.87	33.15	90.2	7.2	1.1	2.6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:32	3.2	Middle	2	2	16.52	7.88	33.17	89.8	7.16	1	2.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:23	5.3	Bottom	3	1	16.52	7.88	33.15	89.7	7.16	1	2.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10A	12:11:02	5.3	Bottom	3	2	16.57	7.87	33.14	90.1	7.2	1.1	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10B	12:07:15	1.0	Surface	1	1	16.52	7.86	33.06	89.8	7.17	1.1	3.9
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10B	12:07:02	1.0	Surface	1	2	16.52	7.86	33.05	90	7.2	1	3.8
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10B	12:06:52	3.5	Bottom	3	1	16.52	7.86	33.04	89.9	7.18	1	4.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	SR10B	12:07:07	3.5	Bottom	3	2	16.52	7.86	33.05	89.6	7.16	1.1	5.3
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:52:54	1.0	Surface	1	1	16.56	8.26	33.77	97.3	7.73	2.3	3.6
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:53:27	1.0	Surface	1	2	16.56	8.26	33.76	97.4	7.75	2.2	3.4
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:53:15	4.0	Middle	2	1	16.54	8.26	33.77	97.1	7.72	2.3	4.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:52:45	4.0	Middle	2	2	16.54	8.26	33.77	97.1	7.72	2.2	4.2
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:53:06	7.0	Bottom	3	1	16.54	8.26	33.77	97	7.72	2.3	4.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS2	14:52:36	7.0	Bottom	3	2	16.54	8.26	33.77	97	7.72	2.2	4.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:42:03	1.0	Surface	1	1	16.72	7.93	33.23	92.2	7.33	1.1	3.5
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:40:46	1.0	Surface	1	2	16.73	7.93	33.23	92.6	7.36	1.2	3.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:40:32	6.1	Middle	2	1	16.67	7.92	33.24	92.2	7.34	1.2	2
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:41:46	6.1	Middle	2	2	16.63	7.92	33.26	91.1	7.25	1.1	2.7
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:40:15	11.1	Bottom	3	1	16.64	7.92	33.22	92.1	7.33	1.3	4.1
HKLR	HY/2011/03	2014-02-24	Mid-Flood	Sunny	CS(Mf)5	12:41:34	11.1	Bottom	3	2	16.54	7.92	33.24	90.7	7.23	1.3	5.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:13:58	1.0	Surface	1	1	17.44	7.94	33.1	102.4	8.04	4.4	7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:14:42	1.0	Surface	1	2	17.44	7.94	33.1	102.2	8.02	4.5	6.1
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:14:32	4.2	Middle	2	1	17.43	7.94	33.11	102	8	4.5	6.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:13:43	4.2	Middle	2	2	17.4	7.95	33.1	102.2	8.03	4.5	4.9
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:14:19	7.3	Bottom	3	1	17.42	7.94	33.11	101.8	8	4.6	7.9
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS5	12:13:35	7.3	Bottom	3	2	17.4	7.94	33.1	102	8.01	4.6	7.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)6	12:05:58	1.0	Surface	1	1	17.48	7.93	33.17	103	8.07	5.6	4.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)6	12:05:44	1.0	Surface	1	2	17.47	7.92	33.17	102.9	8.07	5.5	4.7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)6	12:05:50	2.1	Bottom	3	1	17.47	7.92	33.17	102.8	8.06	5.7	5.5
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)6	12:05:32	2.1	Bottom	3	2	17.47	7.92	33.18	102.8	8.06	5.8	6.6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS7	11:58:11	1.0	Surface	1	1	17.79	7.92	33.19	102.6	8	8.4	5.9
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS7	11:57:47	1.0	Surface	1	2	17.63	7.92	33.22	102.3	8	8.3	6.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS7	11:57:31	2.2	Bottom	3	1	17.5	7.91	33.2	101.8	7.98	8.6	6.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS7	11:57:56	2.2	Bottom	3	2	17.4	7.92	33.22	101.9	8	8.8	8.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS8	11:32:10	1.0	Surface	1	1	17.39	7.87	33.24	99	7.77	6.2	2.6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS8	11:32:34	1.0	Surface	1	2	17.39	7.87	33.25	98.6	7.74	6.2	4.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS8	11:32:00	2.8	Bottom	3	1	17.35	7.86	33.26	99.1	7.78	6.5	5.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS8	11:32:24	2.8	Bottom	3	2	17.33	7.86	33.27	98.5	7.74	6.1	3.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)9	11:50:42	1.0	Surface	1	1	17.65	7.92	33.17	106.3	8.31	3.7	4.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)9	11:51:05	1.0	Surface	1	2	17.61	7.93	33.2	106	8.29	3.8	6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)9	11:49:47	2.5	Bottom	3	1	17.47	7.92	33.15	104.1	8.16	3.9	5.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS(Mf)9	11:50:54	2.5	Bottom	3	2	17.3	7.92	33.2	105.5	8.3	3.8	6.6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:07:07	1.0	Surface	1	1	17.1	8.27	32.78	100.3	7.94	2.5	4.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:07:53	1.0	Surface	1	2	17.19	8.27	32.28	101.3	8.03	2.5	2.1
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:07:36	5.0	Middle	2	1	17.04	8.28	33.66	99.6	7.85	2.6	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:06:55	5.0	Middle	2	2	17.03	8.28	33.69	99.5	7.84	2.8	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:07:24	9.0	Bottom	3	1	17.04	8.27	33.7	99.8	7.87	2.6	2.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	IS10	11:06:44	9.0	Bottom	3	2	17.04	8.27	33.66	99.9	7.87	2.7	2.1
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR3	12:21:24	0.6	Middle	2	1	17.46	7.94	33.1	102.2	8.02	4.4	5.9
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR3	12:21:30	0.6	Middle	2	2	17.46	7.94	33.1	102.2	8.02	4.4	5.6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR4	11:38:21	1.0	Surface	1	1	17.7	7.86	33.14	94.1	7.34	3.5	5.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR4	11:38:01	1.0	Surface	1	2	17.6	7.86	33.18	94	7.35	3.6	7.1

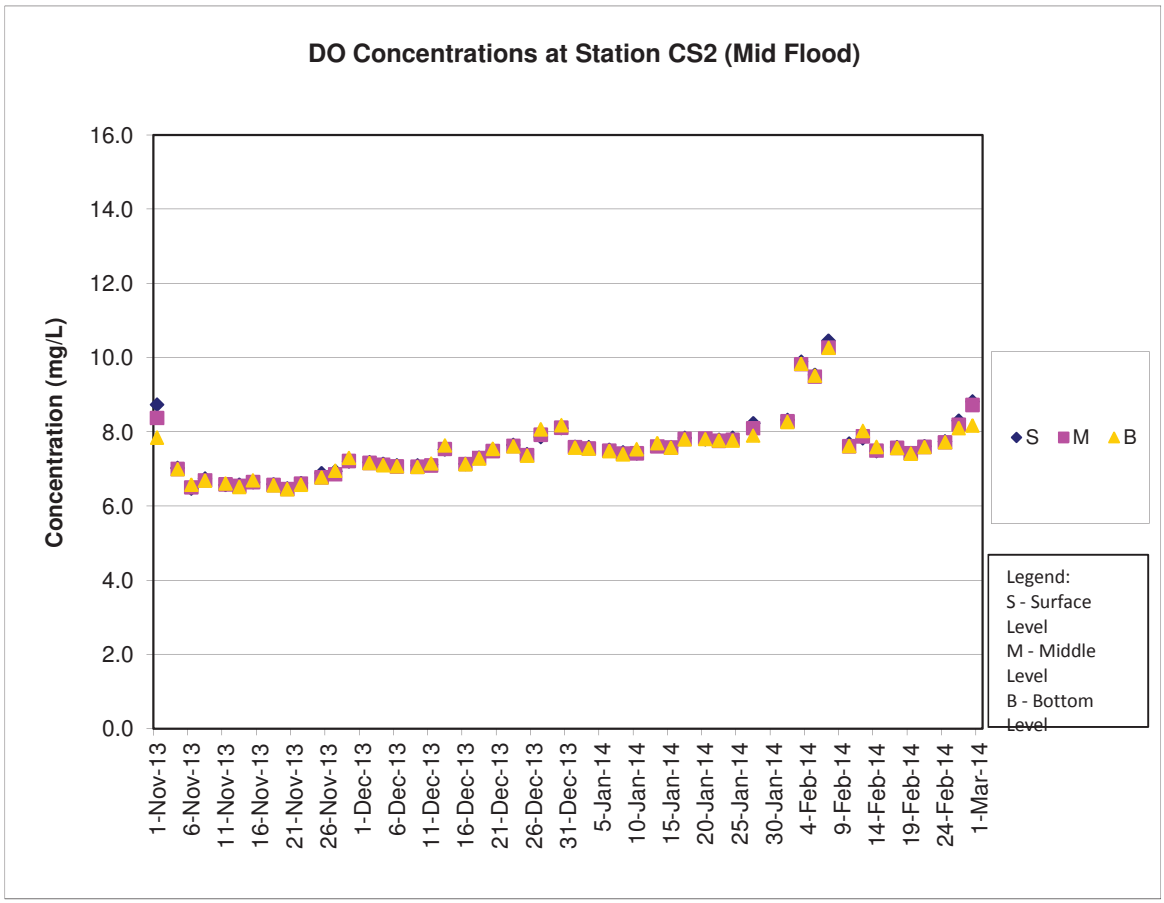
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR4	11:38:09	2.6	Bottom	3	1	17.55	7.86	33.16	93.6	7.33	3.6	6.5
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR4	11:37:53	2.6	Bottom	3	2	17.55	7.86	33.16	93.6	7.33	3.6	7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR5	11:16:38	1.0	Surface	1	1	17.19	8.27	32.35	101.6	8.05	3.2	4.7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR5	11:17:07	1.0	Surface	1	2	17.15	8.27	32.45	101.8	8.06	2.8	4.7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR5	11:16:26	4.6	Bottom	3	1	17.06	8.28	33.55	101.1	7.97	4	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR5	11:16:52	4.6	Bottom	3	2	17.06	8.27	33.52	101.3	7.99	3.8	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:05:46	1.0	Surface	1	1	16.78	7.81	33.24	88.7	7.04	1.5	2.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:05:19	1.0	Surface	1	2	16.8	7.81	33.22	88.8	7.05	1.5	2.9
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:05:05	3.2	Middle	2	1	16.76	7.8	33.23	88.6	7.04	1.5	2.6
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:05:37	3.2	Middle	2	2	16.77	7.81	33.24	88.6	7.04	1.5	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:04:54	5.4	Bottom	3	1	16.75	7.8	33.23	88.6	7.04	1.5	3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10A	10:05:30	5.4	Bottom	3	2	16.77	7.81	33.24	88.5	7.03	1.6	2.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10B	9:59:16	1.0	Surface	1	1	16.8	7.78	33.11	89.6	7.12	1.7	2.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10B	9:58:54	1.0	Surface	1	2	16.79	7.78	33.08	89.6	7.12	1.8	2.3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10B	9:58:43	3.8	Bottom	3	1	16.79	7.78	33.07	89.6	7.12	1.8	3.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	SR10B	9:59:03	3.8	Bottom	3	2	16.79	7.78	33.1	89.5	7.11	1.8	4.1
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:34:10	1.0	Surface	1	1	17.24	8.28	31.55	104.5	8.31	2.6	3.5
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:33:31	1.0	Surface	1	2	17.16	8.28	32.03	104	8.26	2.4	2.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:33:54	3.3	Middle	2	1	17.07	8.29	33.35	103.2	8.14	2.3	3.4
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:33:15	3.3	Middle	2	2	17.07	8.29	33.39	102.7	8.11	2.1	3.7
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:33:45	5.6	Bottom	3	1	17.07	8.28	33.55	103.4	8.15	2.1	3
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS2	12:33:03	5.6	Bottom	3	2	17.06	8.29	33.59	102.7	8.1	2	2.5
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:41:22	1.0	Surface	1	1	16.84	7.84	33.27	92	7.3	1.7	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:40:33	1.0	Surface	1	2	16.84	7.83	33.27	92.1	7.31	1.7	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:41:08	6.2	Middle	2	1	16.82	7.83	33.28	91.5	7.26	1.7	2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:40:21	6.2	Middle	2	2	16.82	7.83	33.28	91.6	7.27	1.7	2.5
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:40:08	11.4	Bottom	3	1	16.82	7.83	33.28	91.6	7.27	1.8	3.2
HKLR	HY/2011/03	2014-02-26	Mid-Ebb	Cloudy	CS(Mf)5	10:40:59	11.4	Bottom	3	2	16.82	7.83	33.28	91.6	7.27	1.8	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:01:31	1.0	Surface	1	1	17.43	7.94	33.06	106.6	8.37	2.7	4.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:00:51	1.0	Surface	1	2	17.46	7.94	33.07	106.5	8.36	2.7	3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:00:42	4.3	Middle	2	1	17.42	7.94	33.1	106.6	8.37	2.9	4.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:01:21	4.3	Middle	2	2	17.37	7.94	33.1	106.1	8.34	2.9	3.3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:01:11	7.6	Bottom	3	1	17.26	7.93	33.06	105.8	8.33	3	5
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS5	15:00:25	7.6	Bottom	3	2	17.33	7.94	33.04	106.4	8.37	2.8	5.3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)6	15:06:58	1.0	Surface	1	1	17.82	7.92	33.16	105.8	8.24	6.2	5.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)6	15:07:20	1.0	Surface	1	2	17.79	7.92	33.16	105.4	8.22	6.3	6.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)6	15:07:05	2.2	Bottom	3	1	17.69	7.91	33.14	105.2	8.21	6.3	8.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)6	15:06:43	2.2	Bottom	3	2	17.72	7.91	33.14	105.3	8.22	6.4	6.9
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS7	15:14:36	1.0	Surface	1	1	17.66	7.93	33.23	105.6	8.24	7.3	6.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS7	15:14:19	1.0	Surface	1	2	17.62	7.92	33.21	105.2	8.22	7.2	5.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS7	15:14:24	2.2	Bottom	3	1	17.52	7.92	33.19	105	8.23	7.5	6.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS7	15:14:07	2.2	Bottom	3	2	17.51	7.92	33.2	104.8	8.21	7.4	7.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS8	15:37:49	1.0	Surface	1	1	17.57	7.93	33.24	103	8.06	5.6	4.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS8	15:37:30	1.0	Surface	1	2	17.53	7.92	33.26	102.5	8.02	5.5	4.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS8	15:37:38	2.8	Bottom	3	1	17.47	7.92	33.26	102.8	8.05	5.7	9.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS8	15:37:20	2.8	Bottom	3	2	17.49	7.91	33.25	102	7.99	5.7	8.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)9	15:20:42	1.0	Surface	1	1	17.56	7.94	33.23	108.4	8.48	6.3	2.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)9	15:21:08	1.0	Surface	1	2	17.76	7.95	33.23	108.8	8.48	6.3	5.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)9	15:20:33	2.7	Bottom	3	1	17.5	7.94	33.21	108.2	8.48	6.4	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS(Mf)9	15:20:56	2.7	Bottom	3	2	17.5	7.94	33.21	108.3	8.48	6.5	4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:52:36	1.0	Surface	1	1	17.63	8.35	30.84	113.8	9.02	3.3	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:53:26	1.0	Surface	1	2	17.57	8.34	30.88	112.1	8.89	3.4	2.2
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:52:20	5.3	Middle	2	1	17.35	8.29	31.99	106.5	8.43	5	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:53:11	5.3	Middle	2	2	17.31	8.29	32.34	106.8	8.44	4.7	4.5
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:52:07	9.5	Bottom	3	1	17.21	8.29	32.8	107.7	8.51	3.7	3.9
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	IS10	15:52:54	9.5	Bottom	3	2	17.2	8.29	32.9	111.2	8.78	3.4	2.2

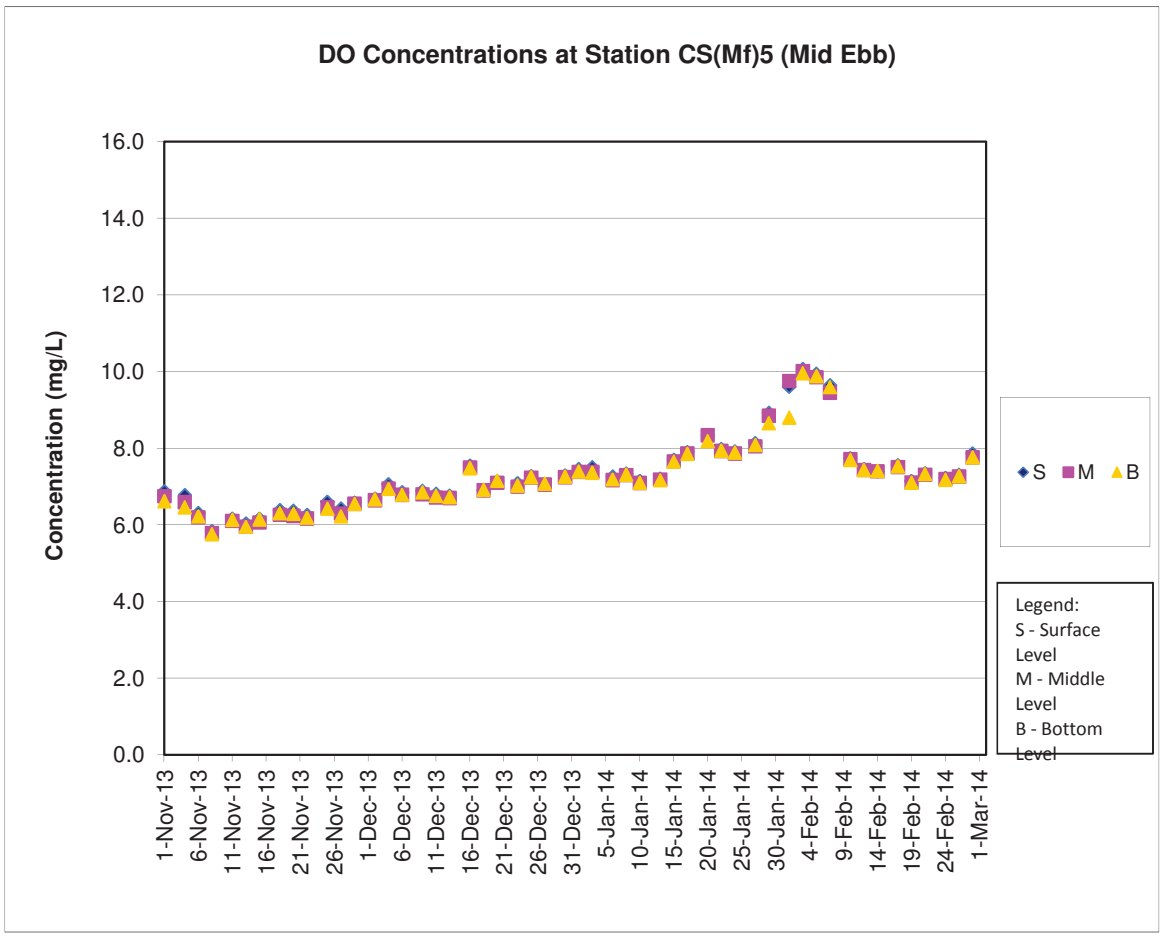
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR3	14:51:15	0.6	Middle	2	1	17.33	7.92	33.1	104.8	8.24	2.9	3.9
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR3	14:51:28	0.6	Middle	2	2	17.33	7.92	33.09	105.8	8.32	2.9	3.2
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR4	15:31:48	1.0	Surface	1	1	18.01	7.89	33.27	101.1	7.84	3.6	4.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR4	15:31:33	1.0	Surface	1	2	18.1	7.89	33.26	101.3	7.84	3.7	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR4	15:31:26	2.9	Bottom	3	1	18.11	7.88	33.22	100.9	7.81	3.5	3.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR4	15:31:41	2.9	Bottom	3	2	17.96	7.88	33.22	100.9	7.84	3.5	5.3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR5	15:45:23	1.0	Surface	1	1	17.74	8.33	30.86	115.7	9.15	2.9	3.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR5	15:44:49	1.0	Surface	1	2	17.68	8.34	30.86	115.7	9.16	3.1	4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR5	15:44:35	4.7	Bottom	3	1	17.42	8.31	31.44	113.6	9.01	2.7	3.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR5	15:45:09	4.7	Bottom	3	2	17.43	8.3	31.55	113.7	9.01	3	3.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:51:58	1.0	Surface	1	1	16.87	7.85	33.31	89.4	7.08	1.7	2.5
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:52:29	1.0	Surface	1	2	16.87	7.86	33.3	89.2	7.07	1.6	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:51:48	3.3	Middle	2	1	16.86	7.85	33.32	89.1	7.06	1.8	3.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:52:19	3.3	Middle	2	2	16.86	7.86	33.31	89.1	7.06	1.8	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:52:09	5.5	Bottom	3	1	16.86	7.86	33.31	89	7.05	1.8	2.2
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10A	16:51:38	5.5	Bottom	3	2	16.87	7.85	33.33	89.2	7.07	1.8	3.6
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10B	16:59:48	1.0	Surface	1	1	16.88	7.87	33.3	89.1	7.06	1.6	2.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10B	17:00:07	1.0	Surface	1	2	16.87	7.88	33.3	89.1	7.06	1.6	2.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10B	16:59:39	3.9	Bottom	3	1	16.87	7.87	33.3	89	7.05	1.7	4.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	SR10B	17:00:00	3.9	Bottom	3	2	16.87	7.87	33.3	89	7.05	1.7	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:28:57	1.0	Surface	1	1	17.17	8.31	32.13	104.4	8.28	2.3	3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:29:33	1.0	Surface	1	2	17.17	8.31	32.12	104.8	8.32	2.3	3
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:29:22	3.5	Middle	2	1	17.07	8.32	32.5	103.7	8.23	2.4	3.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:28:44	3.5	Middle	2	2	17.09	8.32	32.31	102.8	8.16	2.5	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:29:14	5.9	Bottom	3	1	17.06	8.31	33.07	104	8.23	2.4	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS2	14:28:23	5.9	Bottom	3	2	17.06	8.32	33.19	100.8	7.97	2.6	2
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:19:34	1.0	Surface	1	1	17.5	7.95	32.96	99.1	7.78	2.5	2.7
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:20:20	1.0	Surface	1	2	17.46	7.95	33.02	99.6	7.82	2.5	2.4
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:20:06	6.5	Middle	2	1	17.08	7.91	33.23	97.3	7.68	2.6	2.1
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:19:18	6.5	Middle	2	2	17.12	7.91	33.21	96.4	7.6	2.6	2.5
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:19:03	11.9	Bottom	3	1	17	7.9	33.25	96.7	7.64	2.7	2.8
HKLR	HY/2011/03	2014-02-26	Mid-Flood	Cloudy	CS(Mf)5	16:19:55	11.9	Bottom	3	2	17.01	7.9	33.25	98.7	7.81	2.7	3.2
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:07:29	1.0	Surface	1	1	17.86	8.04	32.04	104.9	8.22	4.8	6.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:08:33	1.0	Surface	1	2	17.87	8.04	32.06	105	8.22	5.1	5.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:08:12	4.1	Middle	2	1	17.88	8.04	32.07	104.6	8.19	4.8	5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:07:08	4.1	Middle	2	2	17.85	8.04	32.04	104.7	8.21	4.6	5.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:07:52	7.2	Bottom	3	1	17.88	8.04	32.07	104.6	8.19	4.8	5.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS5	13:06:44	7.2	Bottom	3	2	17.86	8.04	32.04	104.5	8.19	4.4	6.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)6	12:58:23	1.0	Surface	1	1	18.47	8.04	32.4	108.8	8.41	4.8	4.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)6	12:57:49	1.0	Surface	1	2	18.48	8.04	32.38	108.7	8.4	4.5	4.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)6	12:58:08	2.2	Bottom	3	1	18.47	8.04	32.39	108.6	8.4	6.3	3.4
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)6	12:57:30	2.2	Bottom	3	2	18.47	8.04	32.38	108.5	8.39	6.7	4.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS7	12:50:03	1.0	Surface	1	1	18.24	8	32.43	104.7	8.13	8.8	8.2
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS7	12:50:36	1.0	Surface	1	2	18.24	8	32.44	104.7	8.13	8.5	8.2
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS7	12:50:21	2.5	Bottom	3	1	18.24	8	32.45	104.7	8.13	8.9	8.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS7	12:49:47	2.5	Bottom	3	2	18.23	8	32.44	104.7	8.13	9.1	8.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS8	12:23:08	1.0	Surface	1	1	17.7	8.01	31.99	106.8	8.39	3.3	7.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS8	12:23:45	1.0	Surface	1	2	17.71	8.02	32.02	107.1	8.42	3.4	6.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS8	12:23:30	2.7	Bottom	3	1	17.69	8.01	32.03	106.7	8.39	3.6	6.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS8	12:22:46	2.7	Bottom	3	2	17.69	8.01	32	106.7	8.39	3.6	8.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)9	12:42:49	1.0	Surface	1	1	18.23	8.02	32.45	110.1	8.54	3.8	5.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)9	12:42:18	1.0	Surface	1	2	18.24	8.01	32.42	109.8	8.52	3.7	6.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)9	12:41:58	2.4	Bottom	3	1	18.23	8.01	32.41	109.5	8.5	3.8	7.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS(Mf)9	12:42:32	2.4	Bottom	3	2	18.23	8.02	32.45	110	8.54	3.6	6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:30:07	1.0	Surface	1	1	17.71	8.31	32.51	105.3	8.25	2.1	3.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:30:43	1.0	Surface	1	2	17.72	8.31	32.5	105.5	8.27	2.1	5.1

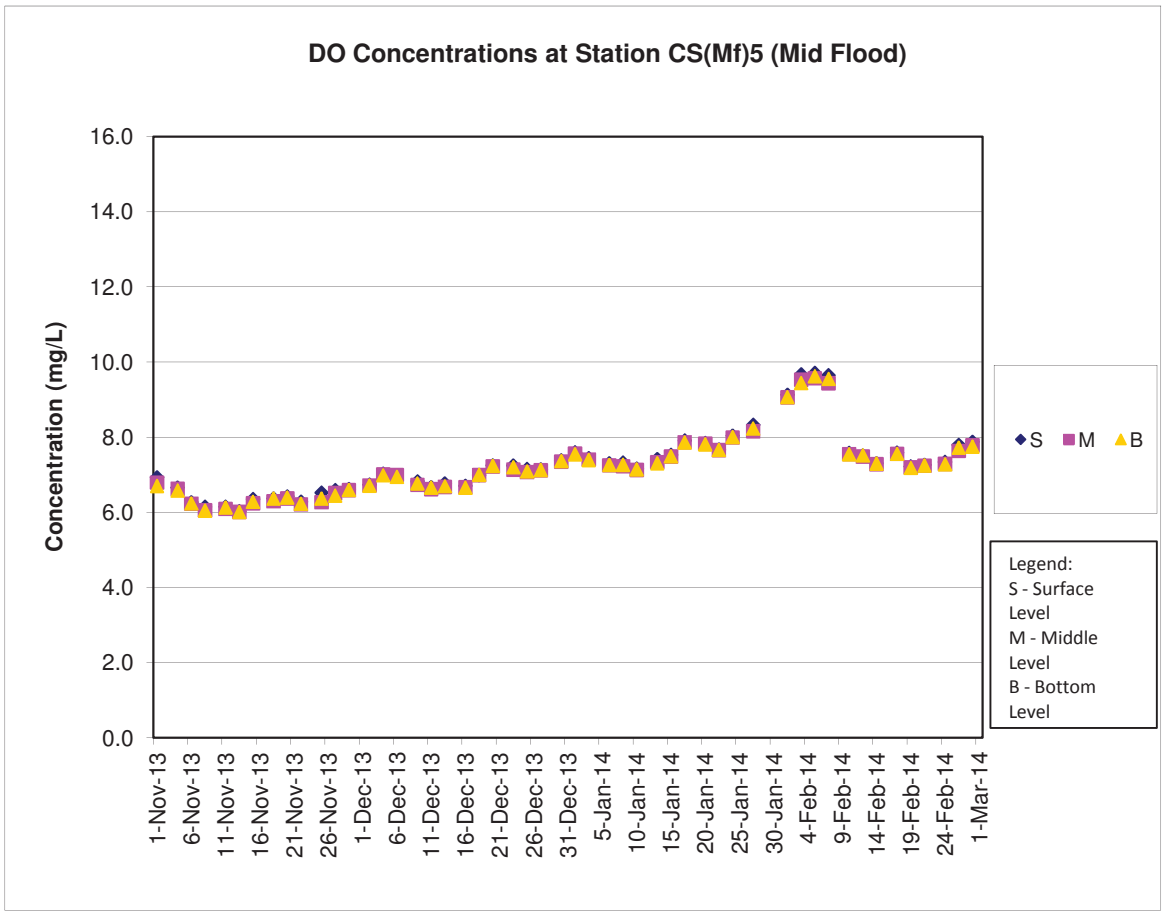
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:29:58	5.3	Middle	2	1	17.7	8.31	32.51	104.9	8.22	2.2	3.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:30:30	5.3	Middle	2	2	17.71	8.31	32.51	105.1	8.24	2.2	3.1
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:30:19	9.6	Bottom	3	1	17.71	8.31	32.51	105	8.23	2.3	5.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	IS10	12:29:46	9.6	Bottom	3	2	17.7	8.31	32.51	104.8	8.22	2.2	6.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR3	13:16:20	0.7	Middle	2	1	17.88	8.07	32.11	104.3	8.17	4.4	4.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR3	13:15:56	0.7	Middle	2	2	17.87	8.07	32.11	104.2	8.17	4.4	6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR4	12:31:10	1.0	Surface	1	1	17.72	8.02	32.09	107.2	8.42	3.2	4.1
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR4	12:31:50	1.0	Surface	1	2	17.73	8.02	32.09	107.4	8.44	3.2	3.4
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR4	12:30:48	2.4	Bottom	3	1	17.7	8.01	32.1	106.9	8.4	3.1	5.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR4	12:31:31	2.4	Bottom	3	2	17.72	8.02	32.1	107.2	8.42	3.3	6.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR5	12:39:33	1.0	Surface	1	1	17.71	8.31	32.5	105.7	8.28	2.2	3.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR5	12:39:06	1.0	Surface	1	2	17.69	8.31	32.5	105.5	8.27	2.2	5.1
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR5	12:39:17	3.4	Bottom	3	1	17.68	8.31	32.49	105.4	8.27	2.3	7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR5	12:38:58	3.4	Bottom	3	2	17.67	8.31	32.48	105.4	8.27	2.3	4.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:15:14	1.0	Surface	1	1	17.28	7.88	32.78	94.3	7.44	1.3	2.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:14:19	1.0	Surface	1	2	17.28	7.87	32.77	94.3	7.44	1.4	2.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:14:00	3.3	Middle	2	1	17.28	7.87	32.78	94.1	7.42	1.3	3.7
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:14:57	3.3	Middle	2	2	17.28	7.87	32.79	94.2	7.43	1.4	2
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:14:38	5.6	Bottom	3	1	17.28	7.87	32.78	94.1	7.42	1.4	2.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10A	11:13:38	5.6	Bottom	3	2	17.28	7.87	32.77	94.1	7.42	1.4	3.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10B	11:02:59	1.0	Surface	1	1	17.18	7.78	32.84	91.8	7.25	2.3	3
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10B	11:03:36	1.0	Surface	1	2	17.17	7.78	32.87	91.6	7.24	1.9	2.8
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10B	11:02:44	4.4	Bottom	3	1	17.17	7.77	32.83	91.6	7.24	2.5	5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	SR10B	11:03:18	4.4	Bottom	3	2	17.17	7.78	32.86	91.5	7.23	2.3	3.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:03:37	1.0	Surface	1	1	17.82	8.32	31.96	107.5	8.44	2.2	3
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:04:15	1.0	Surface	1	2	17.78	8.32	31.92	107.2	8.42	2.3	3.3
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:03:23	3.9	Middle	2	1	17.8	8.32	31.99	107	8.4	2.4	2.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:04:01	3.9	Middle	2	2	17.75	8.32	32.02	106.7	8.38	2.4	2.5
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:03:08	6.7	Bottom	3	1	17.72	8.32	32.15	106.9	8.39	2.4	2.4
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS2	14:03:52	6.7	Bottom	3	2	17.67	8.32	32.23	106.8	8.39	2.5	3.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:50:34	1.0	Surface	1	1	17.56	7.92	32.39	99.8	7.85	1.7	2.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:49:21	1.0	Surface	1	2	17.6	7.91	32.34	100.3	7.88	1.7	2.6
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:49:05	6.7	Middle	2	1	17.43	7.89	32.5	98.5	7.76	1.6	2.2
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:50:14	6.7	Middle	2	2	17.45	7.91	32.48	98.7	7.77	1.6	2.9
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:49:50	12.4	Bottom	3	1	17.37	7.89	32.63	98.3	7.75	1.5	4.4
HKLR	HY/2011/03	2014-02-28	Mid-Ebb	Sunny	CS(Mf)5	11:48:43	12.4	Bottom	3	2	17.38	7.88	32.59	98.7	7.78	1.5	4.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:29:18	1.0	Surface	1	1	18.34	7.94	32.15	108.1	8.38	4.4	5.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:30:16	1.0	Surface	1	2	18.35	7.95	32.14	108	8.38	4.6	4.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:28:58	4.2	Middle	2	1	18.37	7.94	32.18	107.9	8.37	4.6	5.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:29:56	4.2	Middle	2	2	18.37	7.95	32.16	108.1	8.38	4.9	5.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:29:38	7.4	Bottom	3	1	18.39	7.94	32.19	107.8	8.35	5.5	5.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS5	16:28:39	7.4	Bottom	3	2	18.39	7.94	32.18	107.6	8.34	5.8	5.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)6	16:39:53	1.0	Surface	1	1	18.64	8.06	32.39	118	9.09	6.7	6.3
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)6	16:39:21	1.0	Surface	1	2	18.64	8.06	32.38	118.2	9.11	6.4	6.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)6	16:38:59	2.1	Bottom	3	1	18.64	8.06	32.38	117.8	9.08	7.9	7.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)6	16:39:35	2.1	Bottom	3	2	18.64	8.06	32.39	117.9	9.08	7.6	8.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS7	16:49:56	1.0	Surface	1	1	18.6	8.02	32.46	109.8	8.46	6.8	8.8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS7	16:49:13	1.0	Surface	1	2	18.6	8.02	32.45	109.8	8.46	6.5	7.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS7	16:48:50	2.1	Bottom	3	1	18.6	8.02	32.46	109.6	8.45	6.6	8.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS7	16:49:33	2.1	Bottom	3	2	18.6	8.02	32.46	109.7	8.46	7	8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS8	17:25:51	1.0	Surface	1	1	17.83	8.04	32.06	106.5	8.35	5.5	6.2
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS8	17:25:12	1.0	Surface	1	2	17.83	8.04	32.06	106.4	8.34	5.3	5.7
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS8	17:25:34	2.3	Bottom	3	1	17.83	8.04	32.09	106.4	8.34	5.4	7.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS8	17:24:51	2.3	Bottom	3	2	17.83	8.03	32.08	106.2	8.33	5.5	7.1
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)9	17:04:14	1.0	Surface	1	1	18.23	8.05	32.3	110.3	8.57	9.7	12.3
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)9	17:04:46	1.0	Surface	1	2	18.24	8.05	32.3	110.6	8.59	9.9	11.4

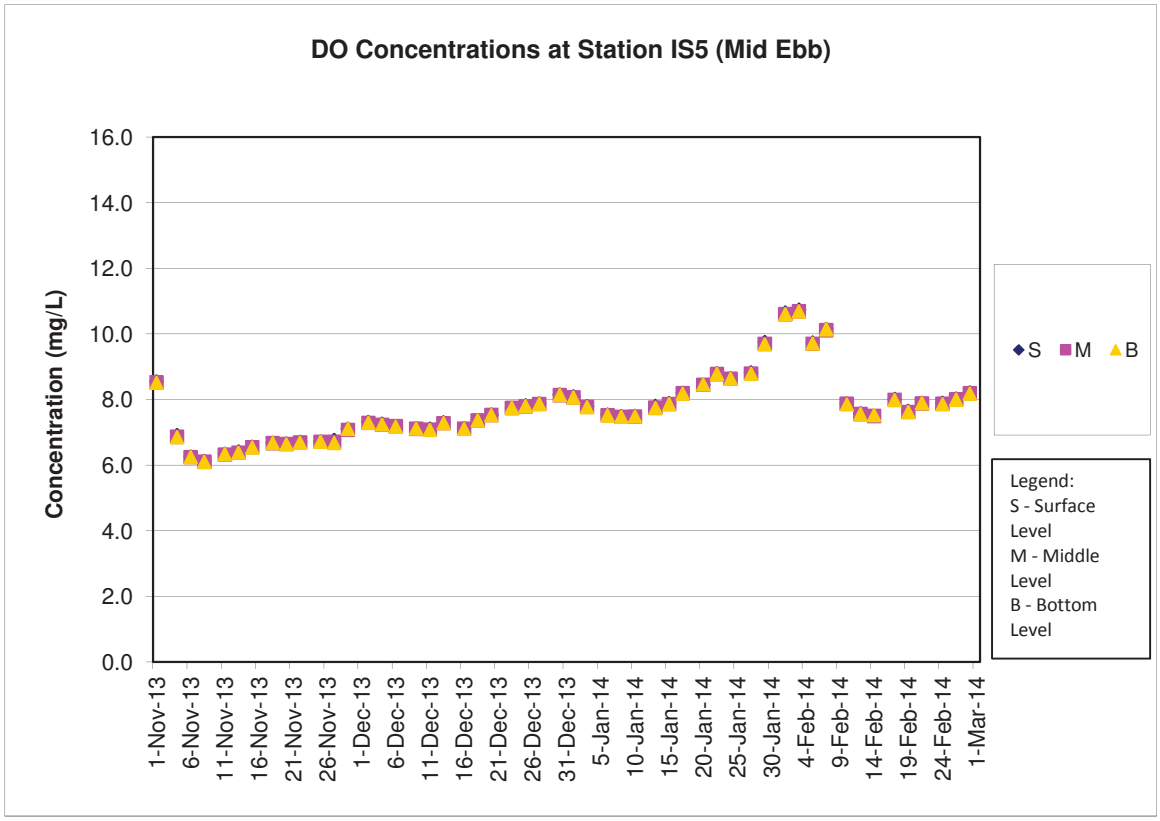
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)9	17:04:29	2.2	Bottom	3	1	18.27	8.05	32.31	110.4	8.57	10.4	10.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS(Mf)9	17:03:54	2.2	Bottom	3	2	18.28	8.04	32.33	110.1	8.54	10.3	11
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:51:04	1.0	Surface	1	1	18.01	8.35	31.05	109	8.57	2.1	3.1
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:51:35	1.0	Surface	1	2	17.99	8.35	31.09	108.9	8.56	2.1	5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:50:47	5.4	Middle	2	1	17.73	8.32	31.96	106.4	8.36	2.2	4.3
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:51:23	5.4	Middle	2	2	17.77	8.32	31.96	107.8	8.46	2.2	6.2
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:51:16	9.8	Bottom	3	1	17.81	8.33	31.9	109.2	8.57	2.2	5.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	IS10	17:50:38	9.8	Bottom	3	2	17.77	8.32	32	107.3	8.43	2.2	6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR3	16:14:02	0.7	Middle	2	1	18.39	7.87	31.97	106.2	8.24	4.5	6.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR3	16:14:16	0.7	Middle	2	2	18.39	7.88	31.98	106.5	8.27	4.7	5.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR4	17:16:23	1.0	Surface	1	1	17.83	8.02	32.04	106.5	8.35	5.4	5.1
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR4	17:17:05	1.0	Surface	1	2	17.83	8.03	32.05	106.6	8.36	5.5	5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR4	17:16:02	2.3	Bottom	3	1	17.83	8.01	32.09	106.4	8.34	5.8	5.7
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR4	17:16:45	2.3	Bottom	3	2	17.83	8.02	32.08	106.5	8.35	5.9	6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR5	17:40:07	1.0	Surface	1	1	17.91	8.35	31.45	109.3	8.59	2.2	2.9
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR5	17:39:48	1.0	Surface	1	2	17.94	8.35	31.25	109	8.57	2.1	2.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR5	17:39:56	4.0	Bottom	3	1	17.87	8.34	31.61	109.6	8.61	2.2	2.2
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR5	17:39:38	4.0	Bottom	3	2	17.87	8.34	31.63	109.1	8.57	2.2	2.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:39:33	1.0	Surface	1	1	17.38	7.98	32.86	95	7.48	1.7	2.7
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:40:29	1.0	Surface	1	2	17.38	7.98	32.85	95.2	7.49	1.6	3.1
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:40:08	3.4	Middle	2	1	17.37	7.98	32.87	94.9	7.46	1.7	3.8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:39:14	3.4	Middle	2	2	17.36	7.97	32.89	94.8	7.46	1.8	2.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:39:54	5.8	Bottom	3	1	17.36	7.98	32.89	94.7	7.46	1.8	4.8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10A	18:38:56	5.8	Bottom	3	2	17.36	7.97	32.89	94.8	7.46	2.1	5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10B	18:50:49	1.0	Surface	1	1	17.29	7.91	32.91	95.3	7.5	1.6	4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10B	18:50:11	1.0	Surface	1	2	17.3	7.9	32.9	95.5	7.52	1.6	3
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10B	18:49:52	4.5	Bottom	3	1	17.3	7.9	32.92	95.4	7.51	1.6	5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	SR10B	18:50:30	4.5	Bottom	3	2	17.29	7.9	32.93	95.3	7.5	1.7	3.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:22:22	1.0	Surface	1	1	18.04	8.38	30.32	112	8.84	2.5	3.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:21:52	1.0	Surface	1	2	18.11	8.4	30.27	112	8.8	2.6	2.2
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:22:12	3.9	Middle	2	1	17.8	8.36	30.91	110.3	8.71	3.4	3.8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:21:37	3.9	Middle	2	2	17.77	8.37	31.36	110.9	8.74	3.4	3.7
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:21:12	6.8	Bottom	3	1	17.62	8.38	31.87	102.4	8.07	3.5	2.6
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS2	16:22:02	6.8	Bottom	3	2	17.88	8.37	31.6	105	8.27	3.6	2.7
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:04:32	1.0	Surface	1	1	17.55	8.01	32.55	99.8	7.85	1.7	2.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:03:26	1.0	Surface	1	2	17.54	8.02	32.51	100.6	7.91	1.6	2.4
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:04:12	6.8	Middle	2	1	17.48	8.01	32.61	99.2	7.8	2.4	2.8
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:03:09	6.8	Middle	2	2	17.49	8	32.64	98.8	7.78	2.4	4.2
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:02:49	12.6	Bottom	3	1	17.42	7.99	32.71	98.5	7.75	3.2	3.5
HKLR	HY/2011/03	2014-02-28	Mid-Flood	Sunny	CS(Mf)5	18:03:46	12.6	Bottom	3	2	17.41	7.99	32.71	98.6	7.76	2.9	2.8

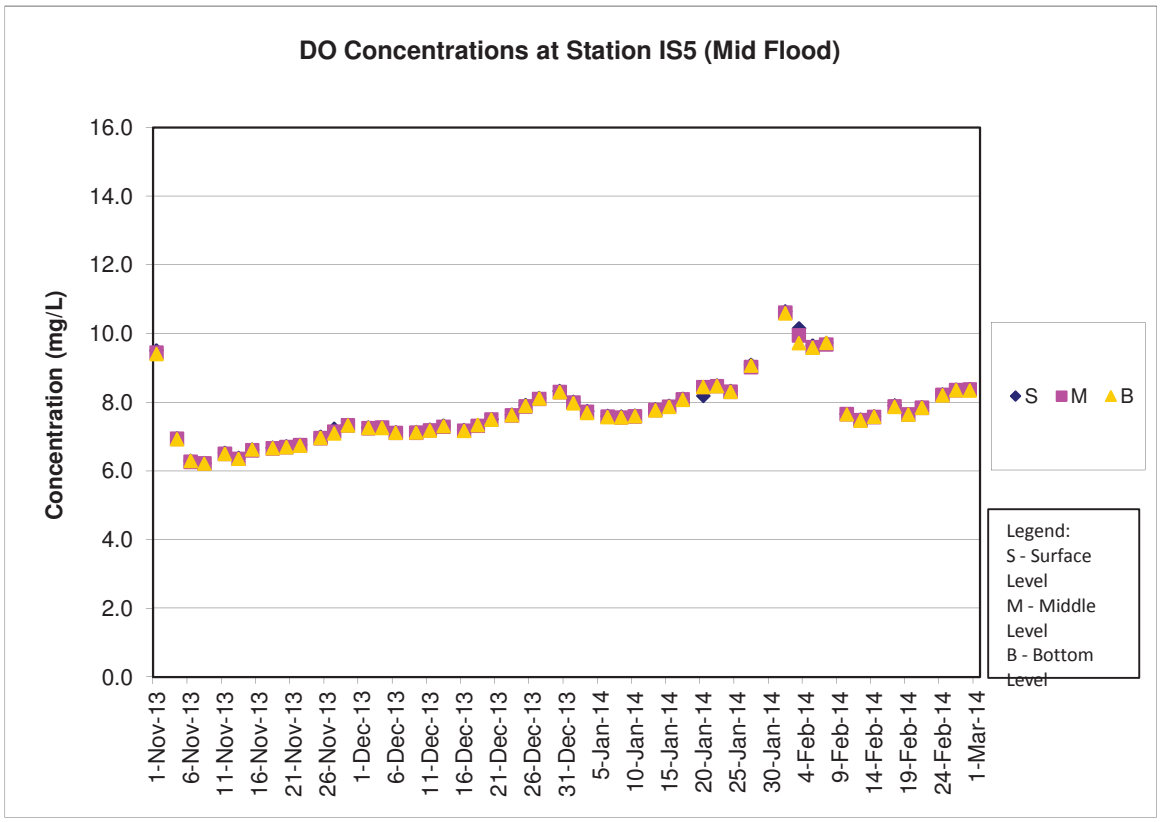

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

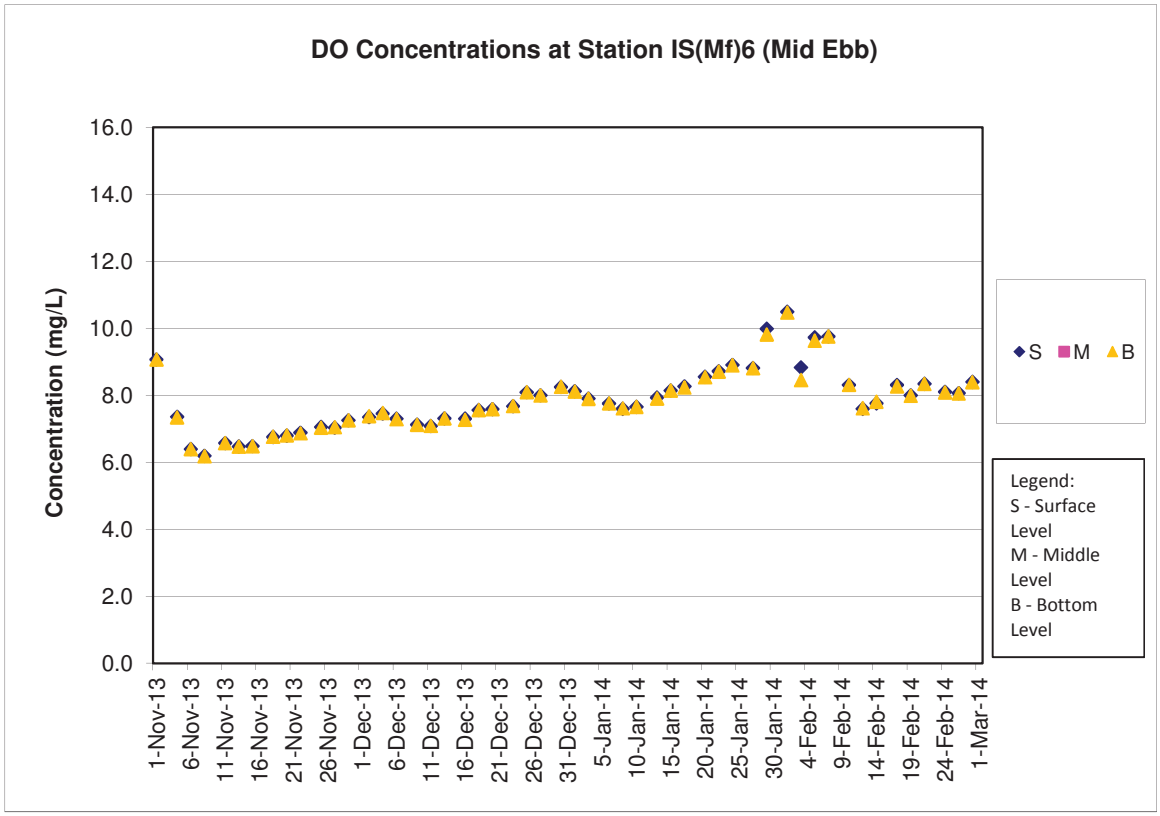

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

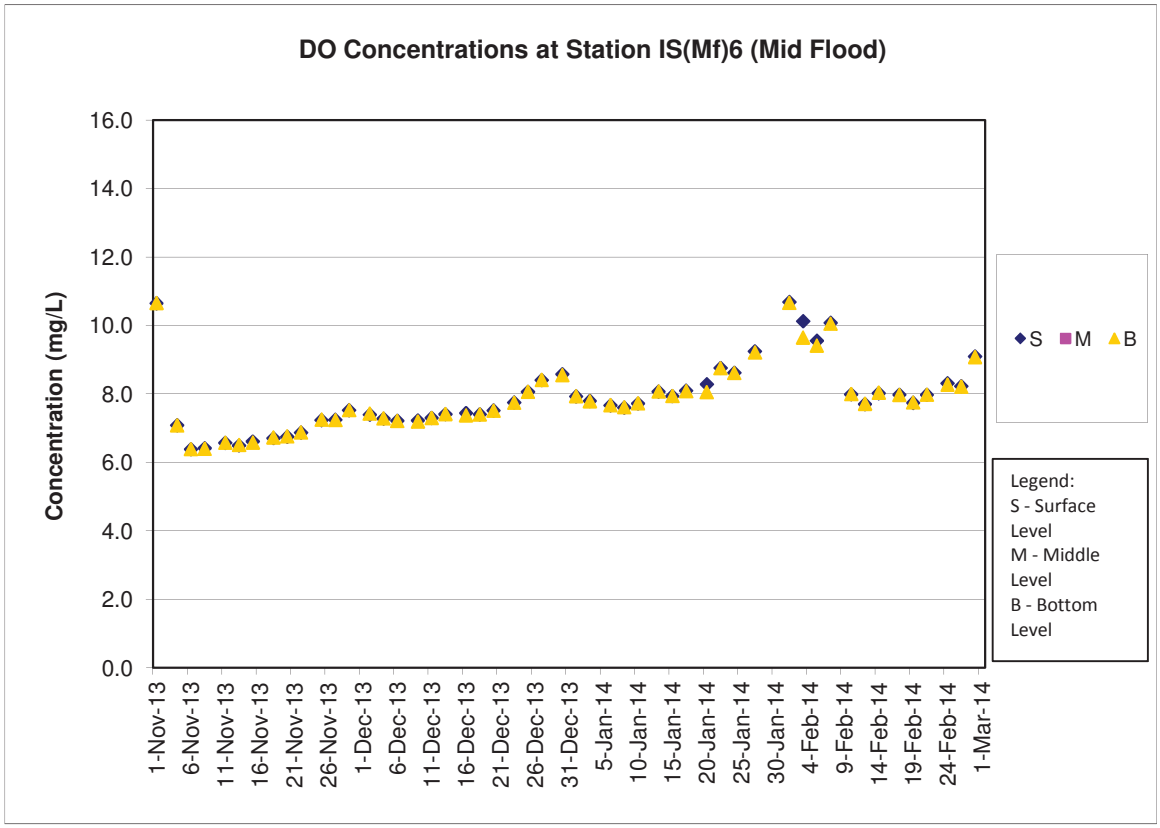

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

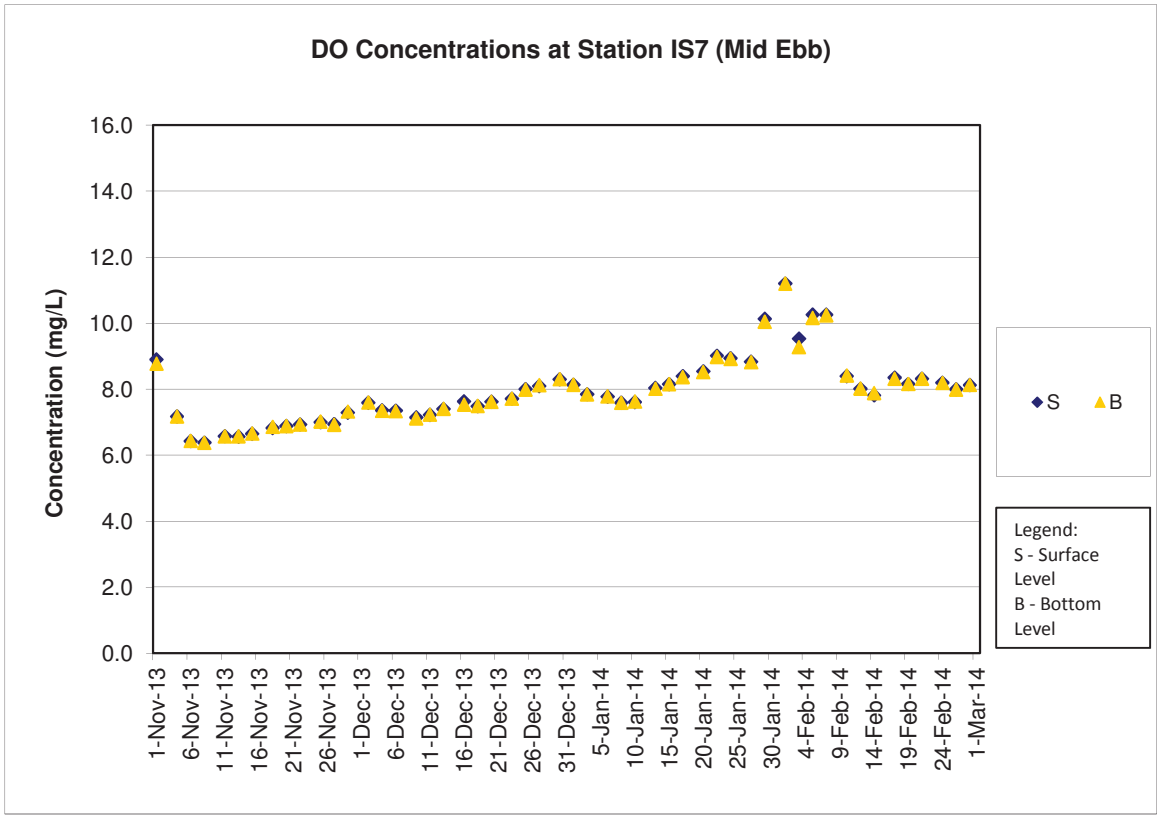

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

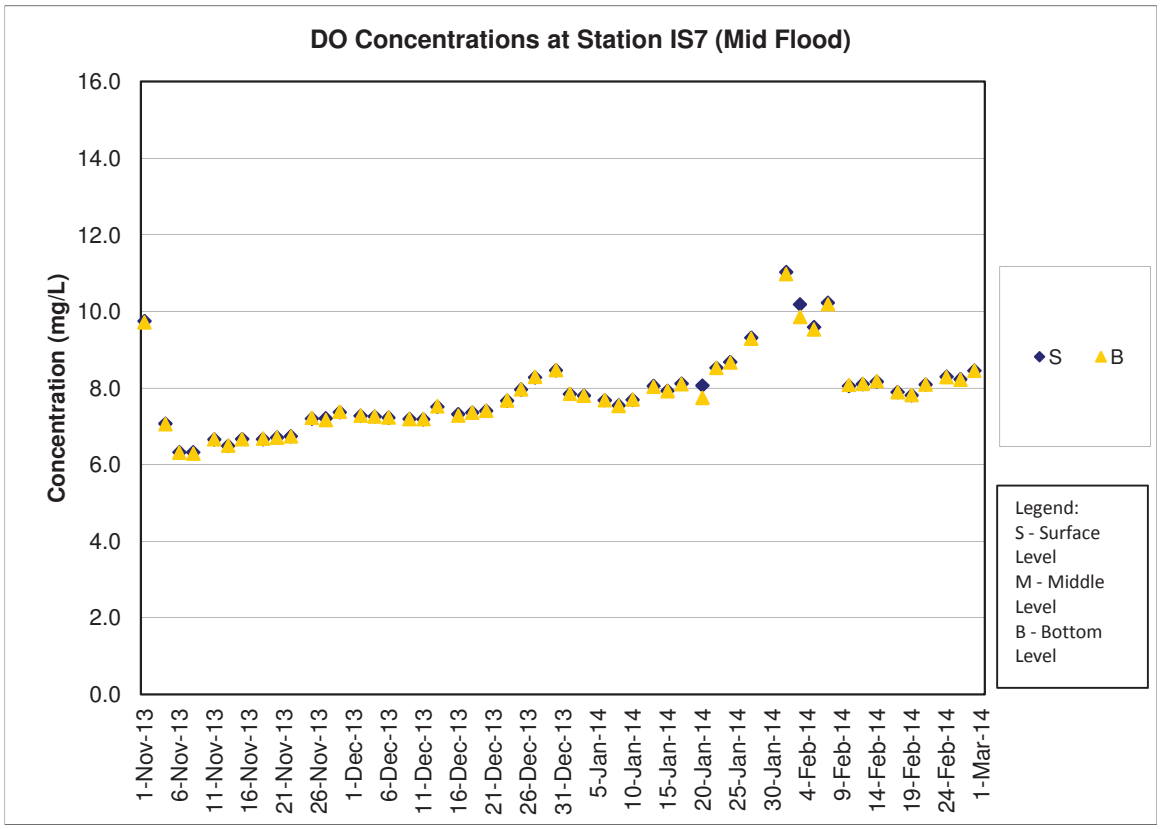

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

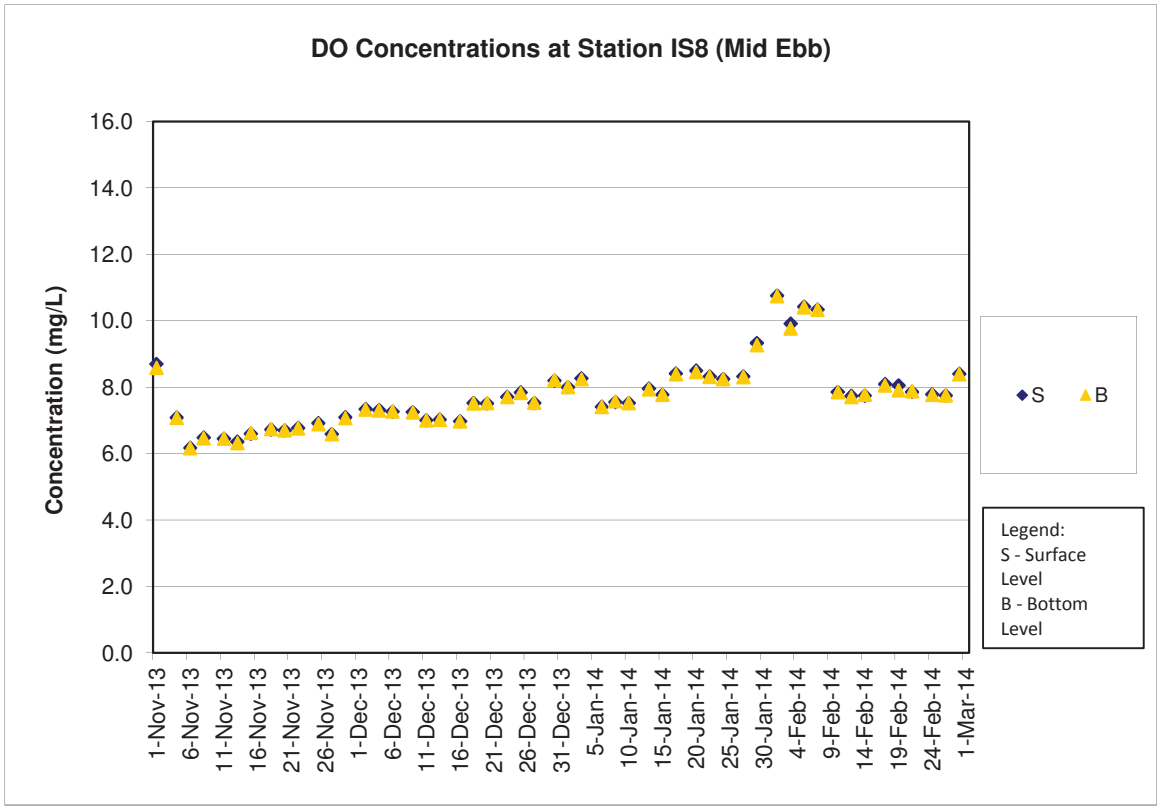

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

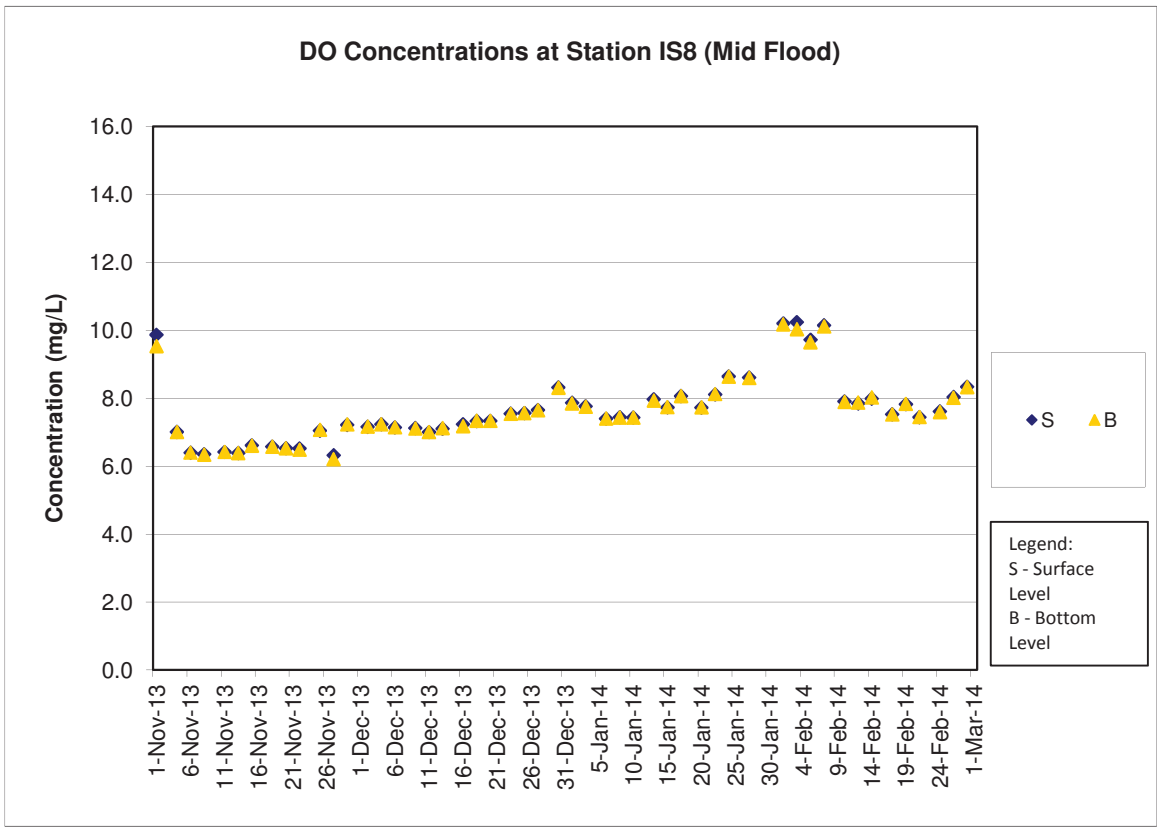

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

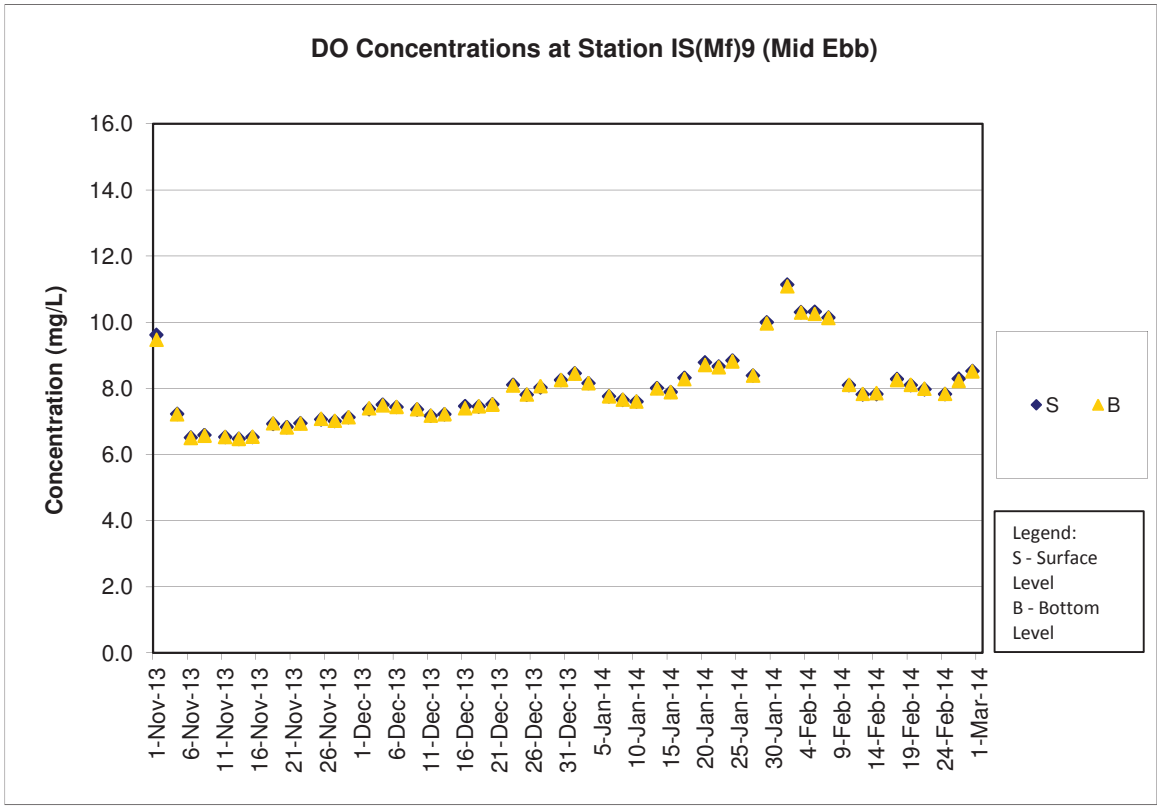

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

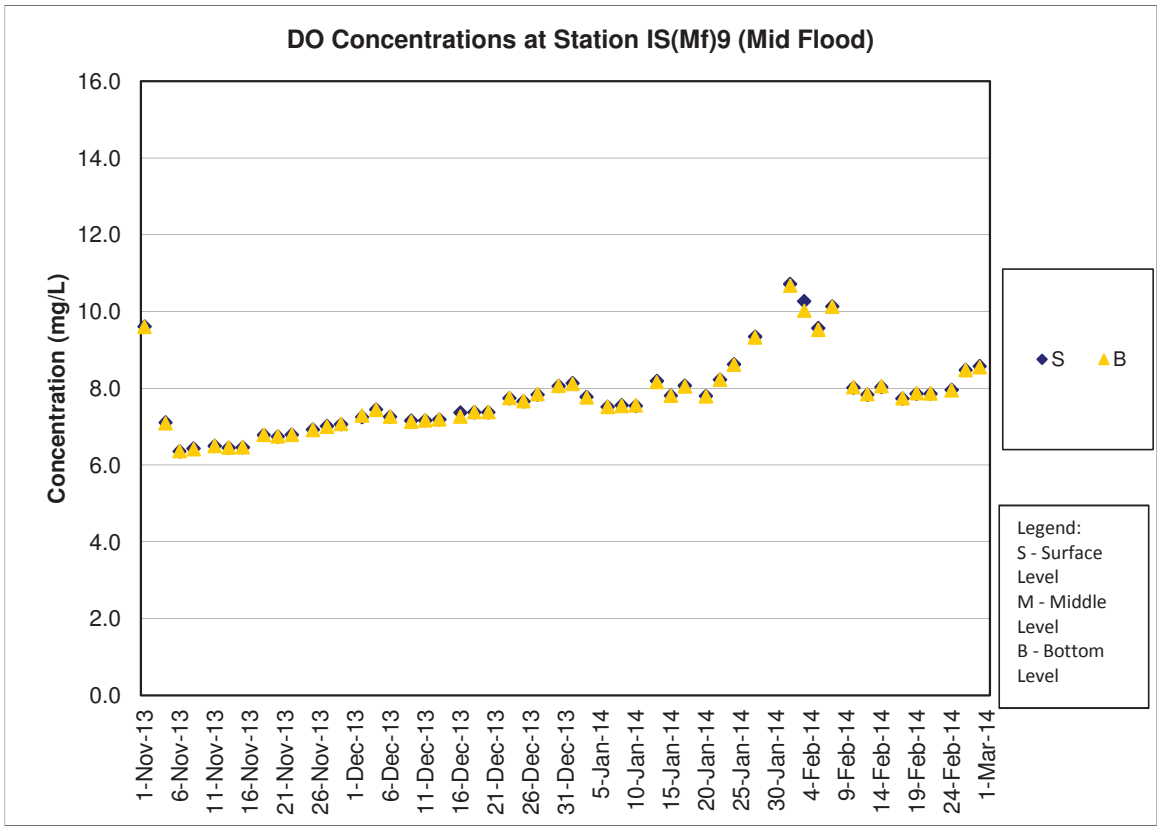

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

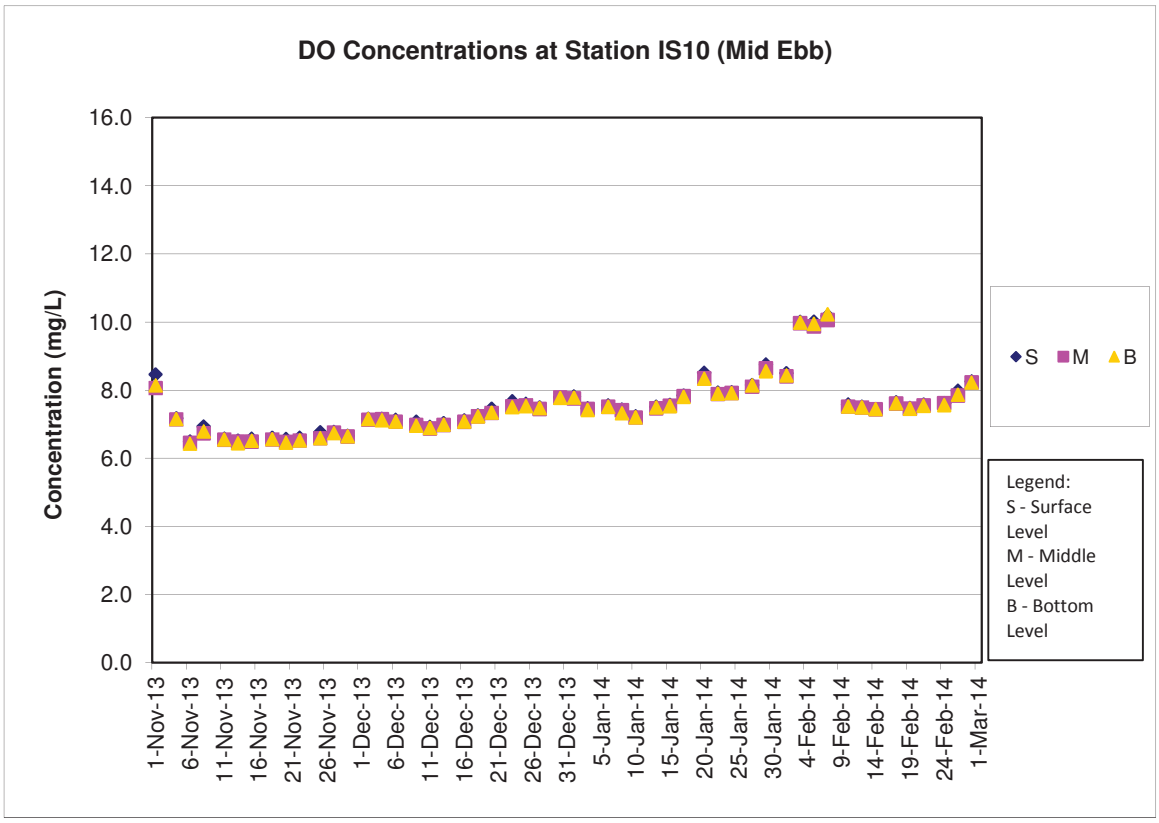

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

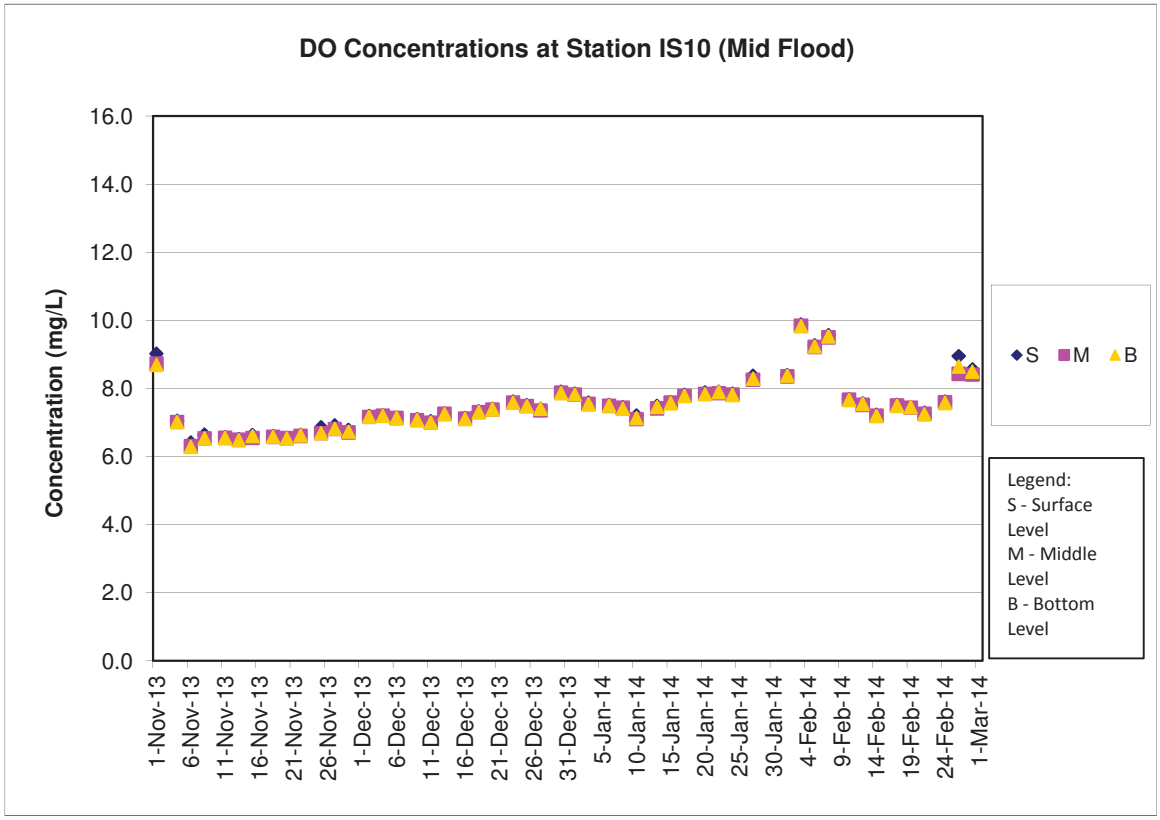

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

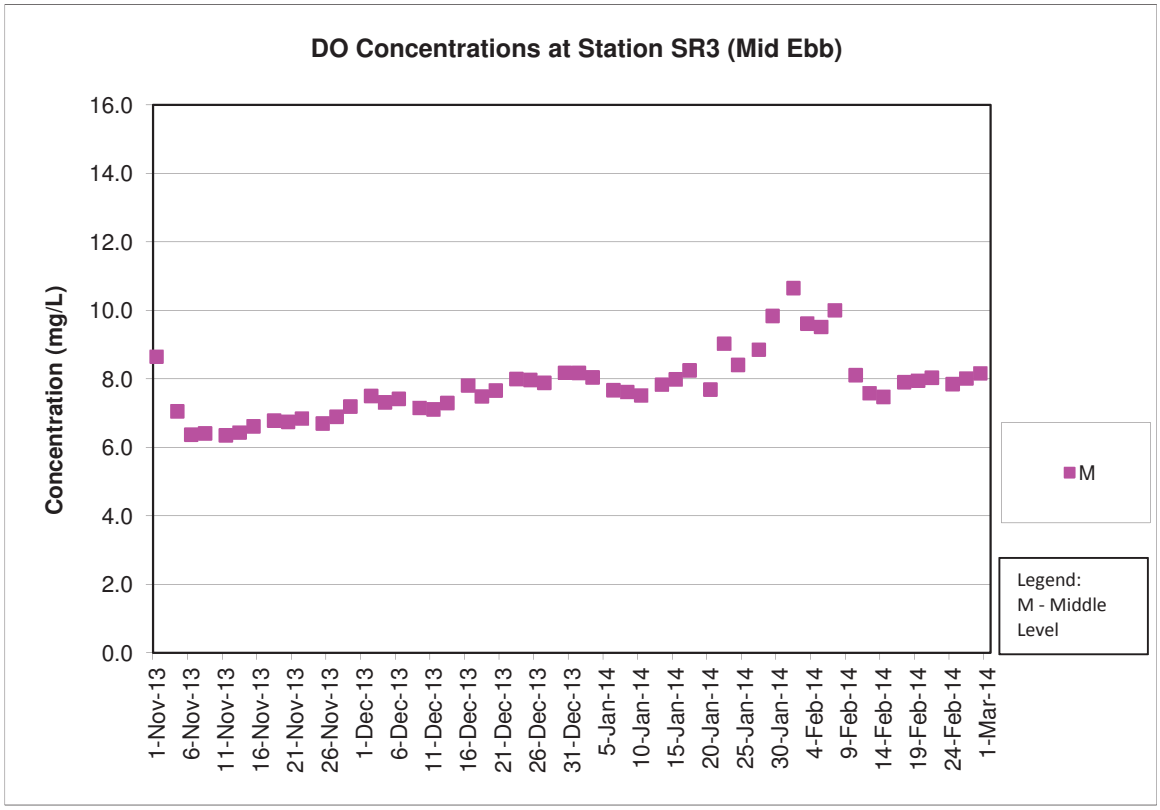

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

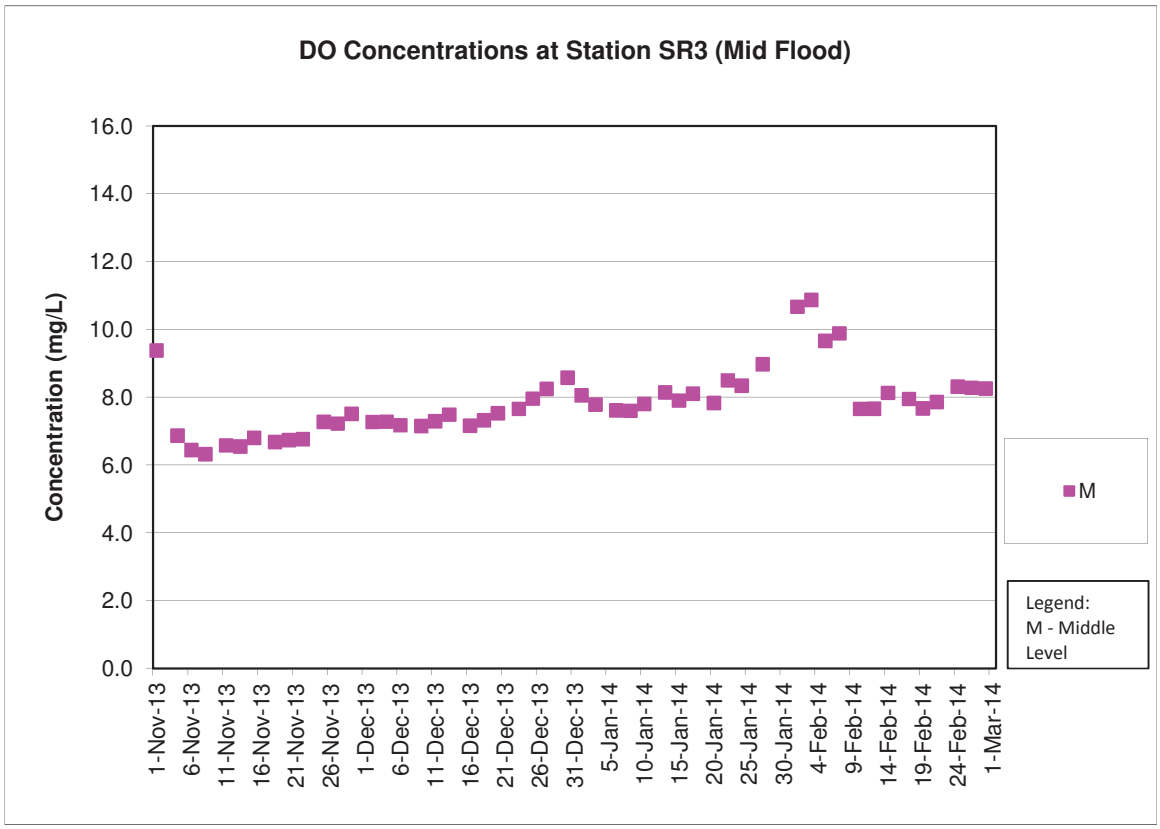

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

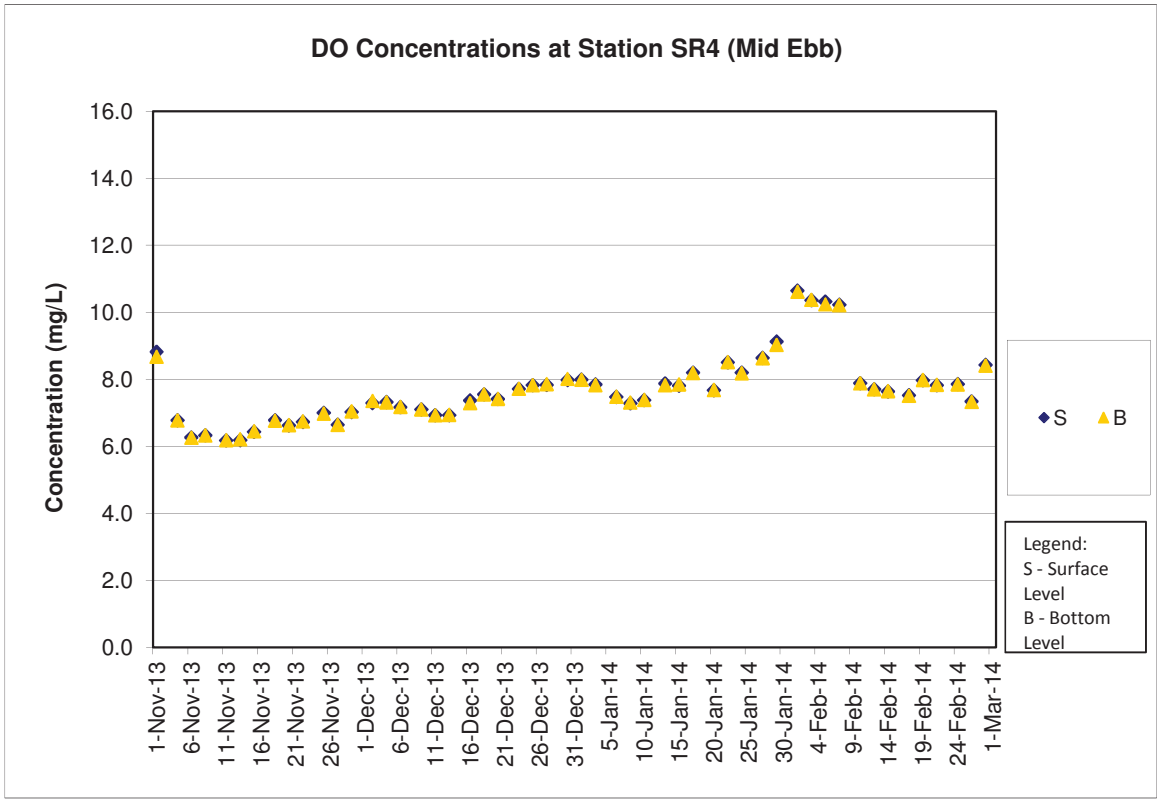

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

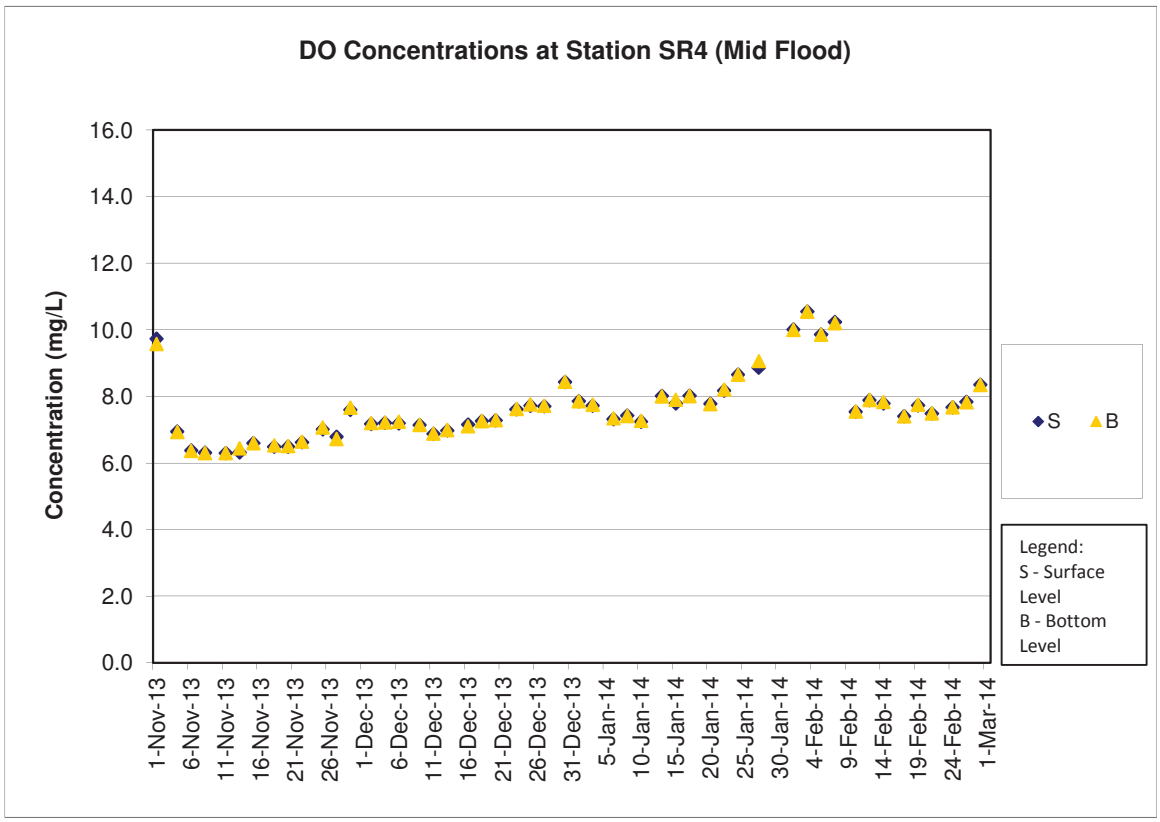

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

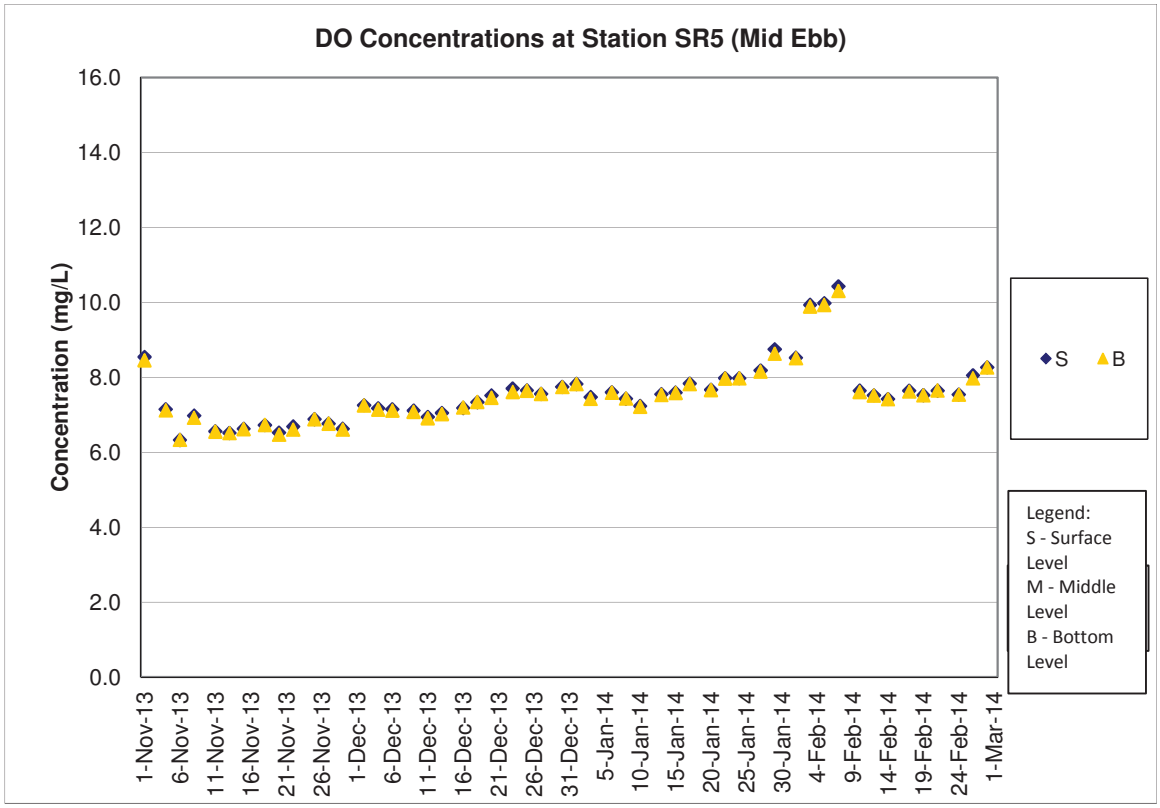

DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

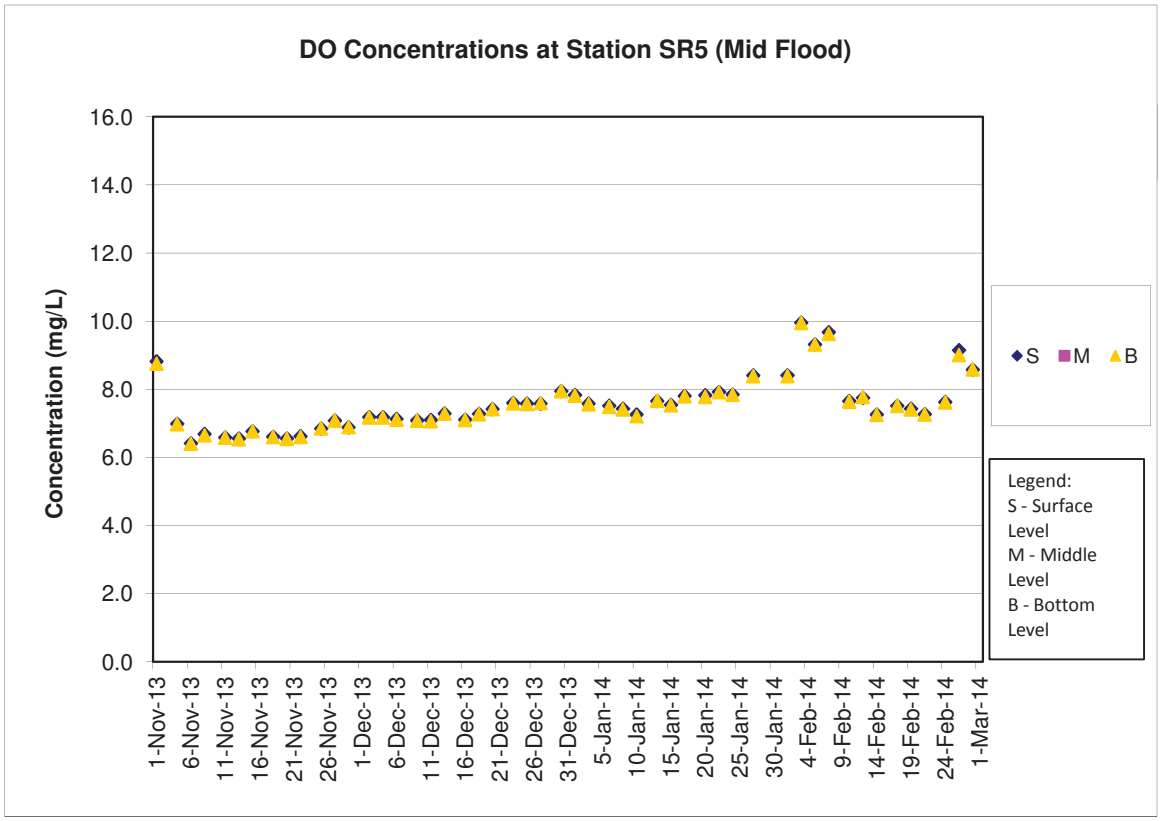

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

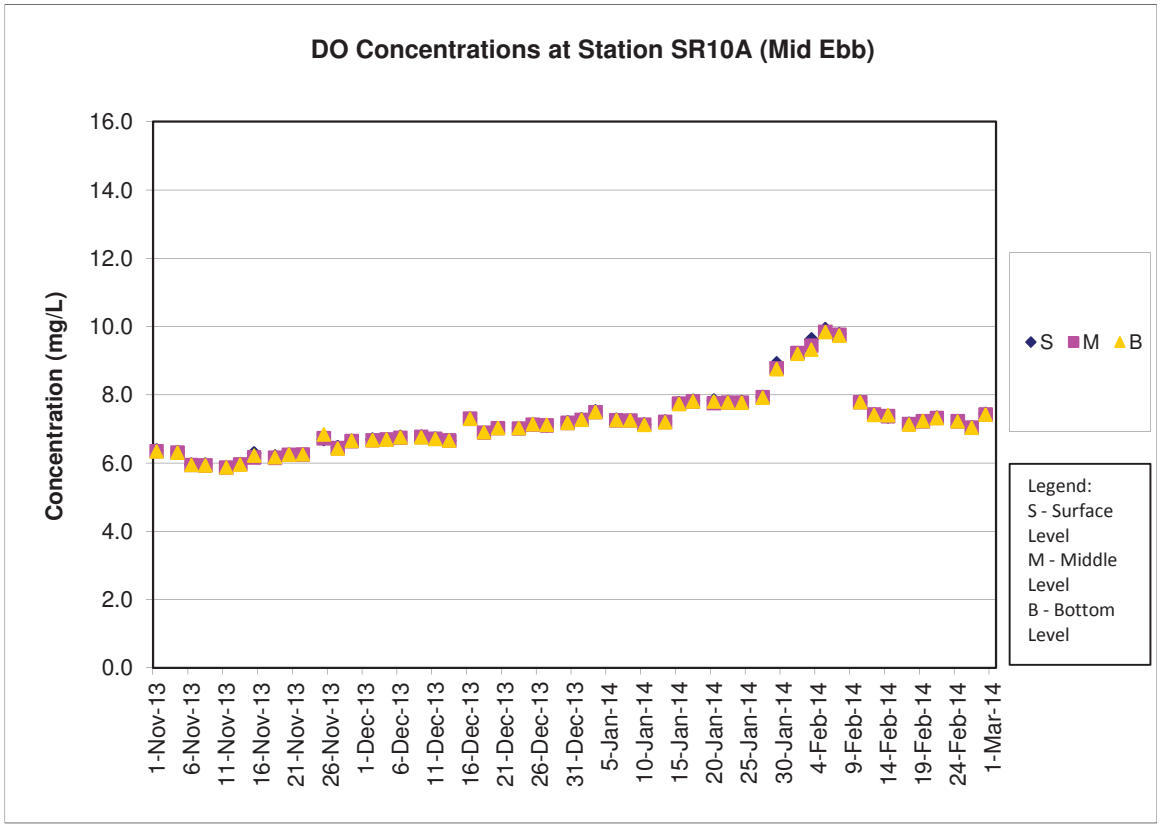

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

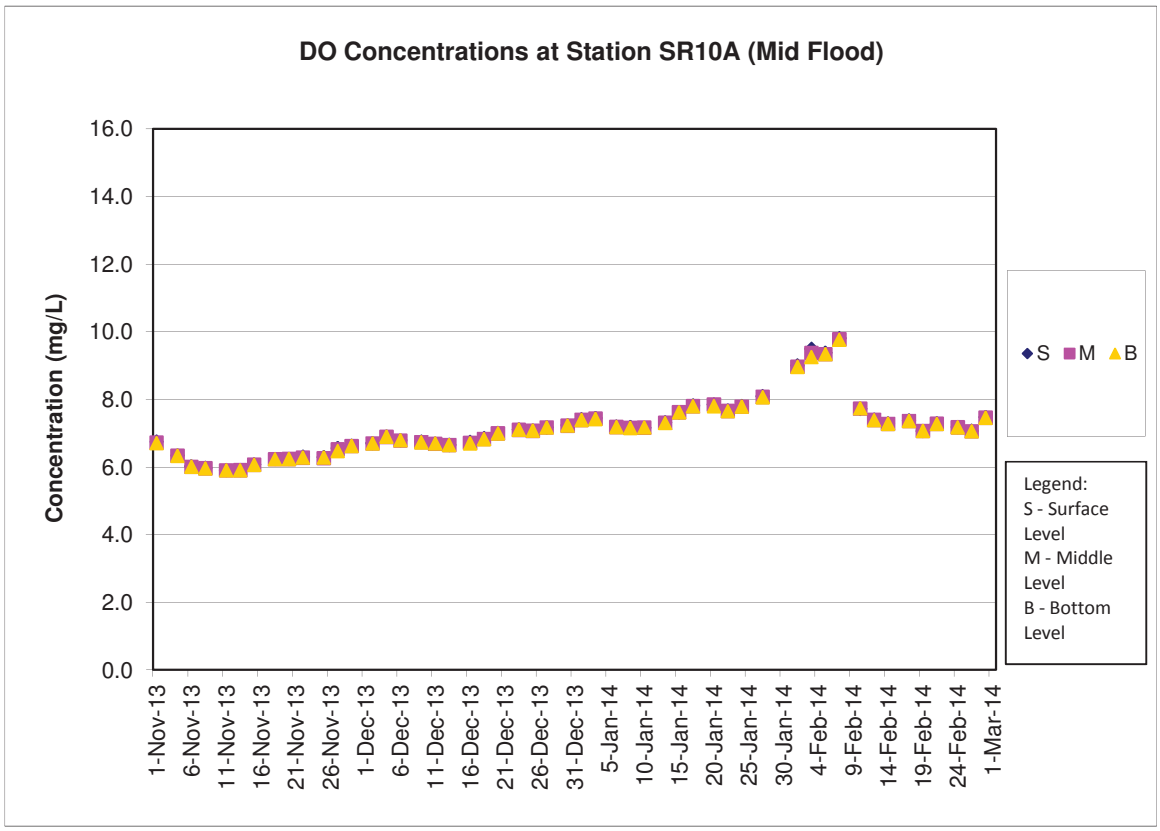

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

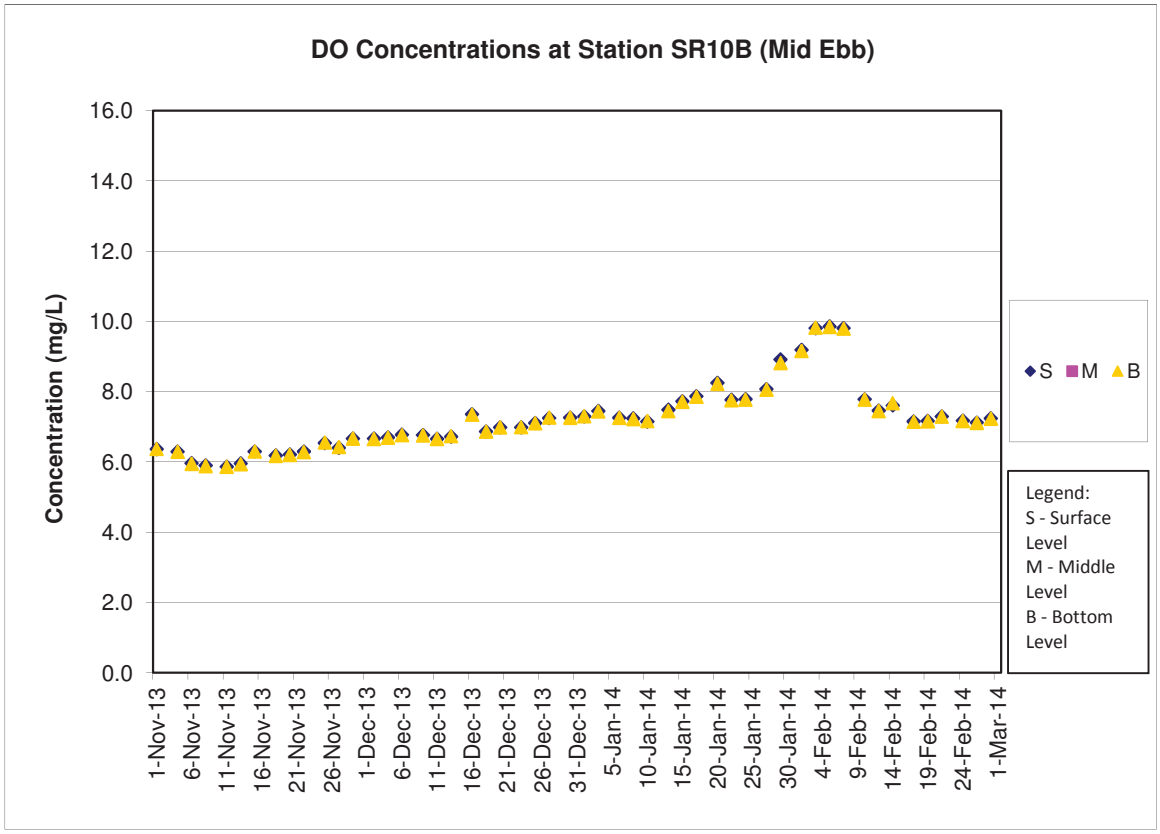

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

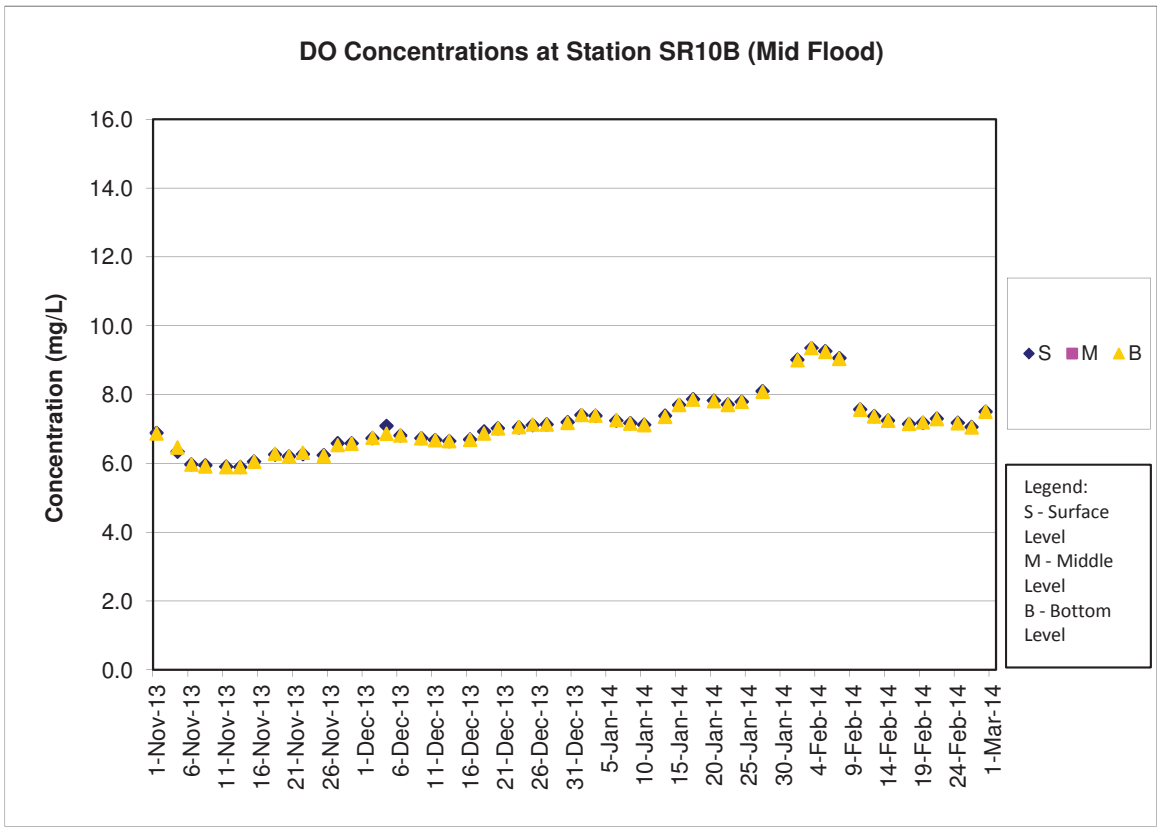

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

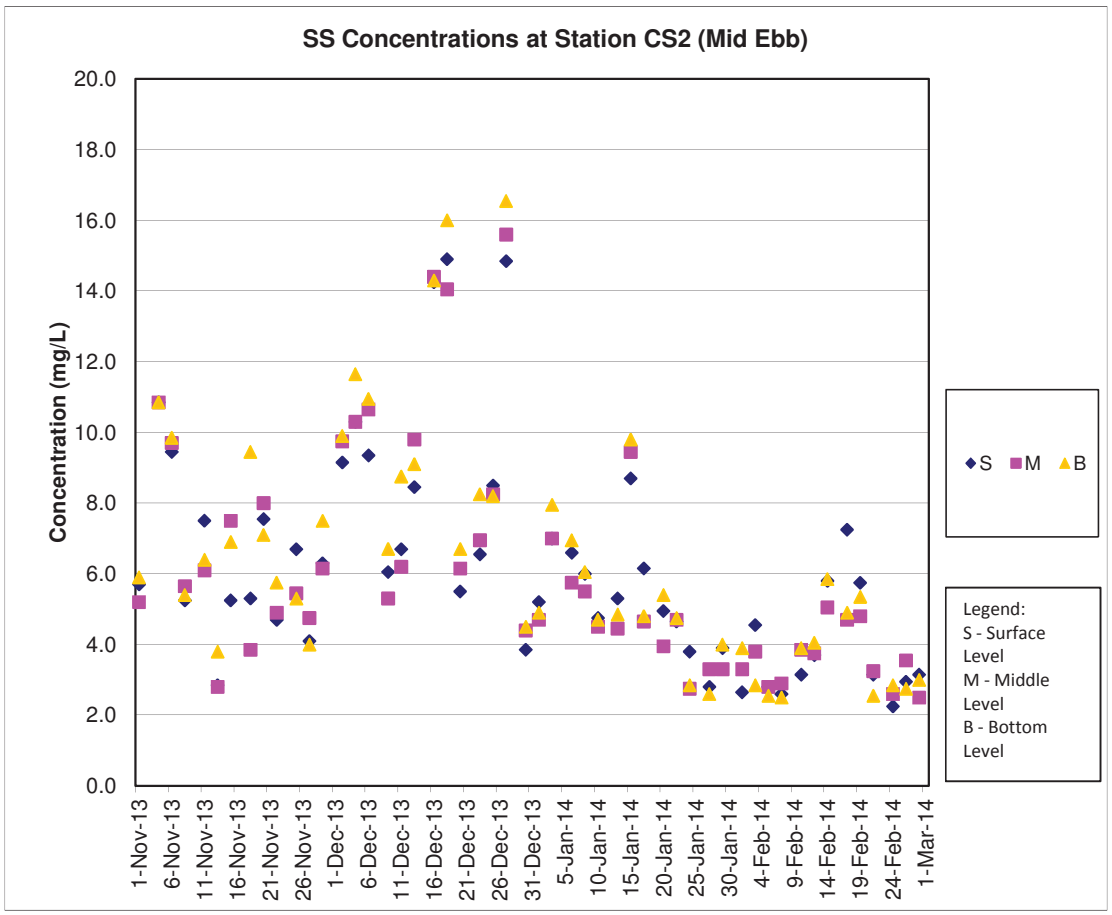

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

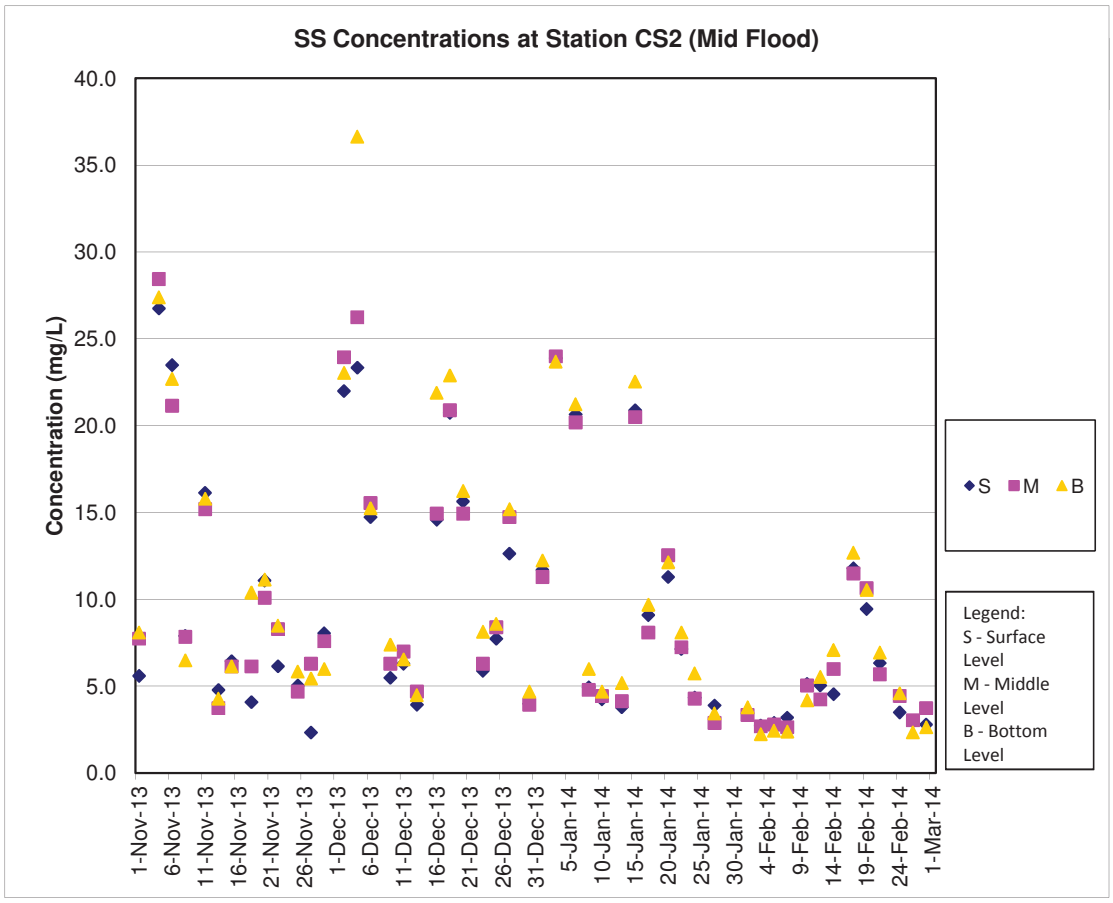

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

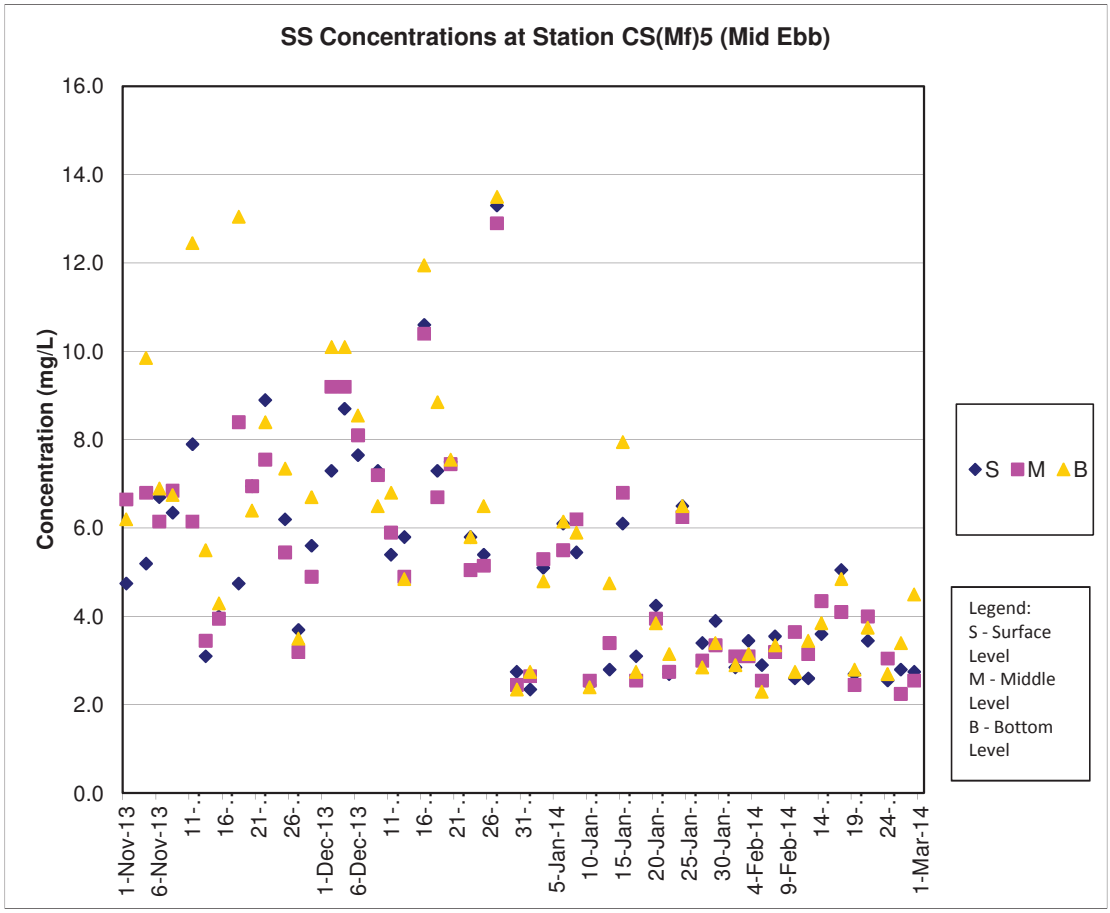

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

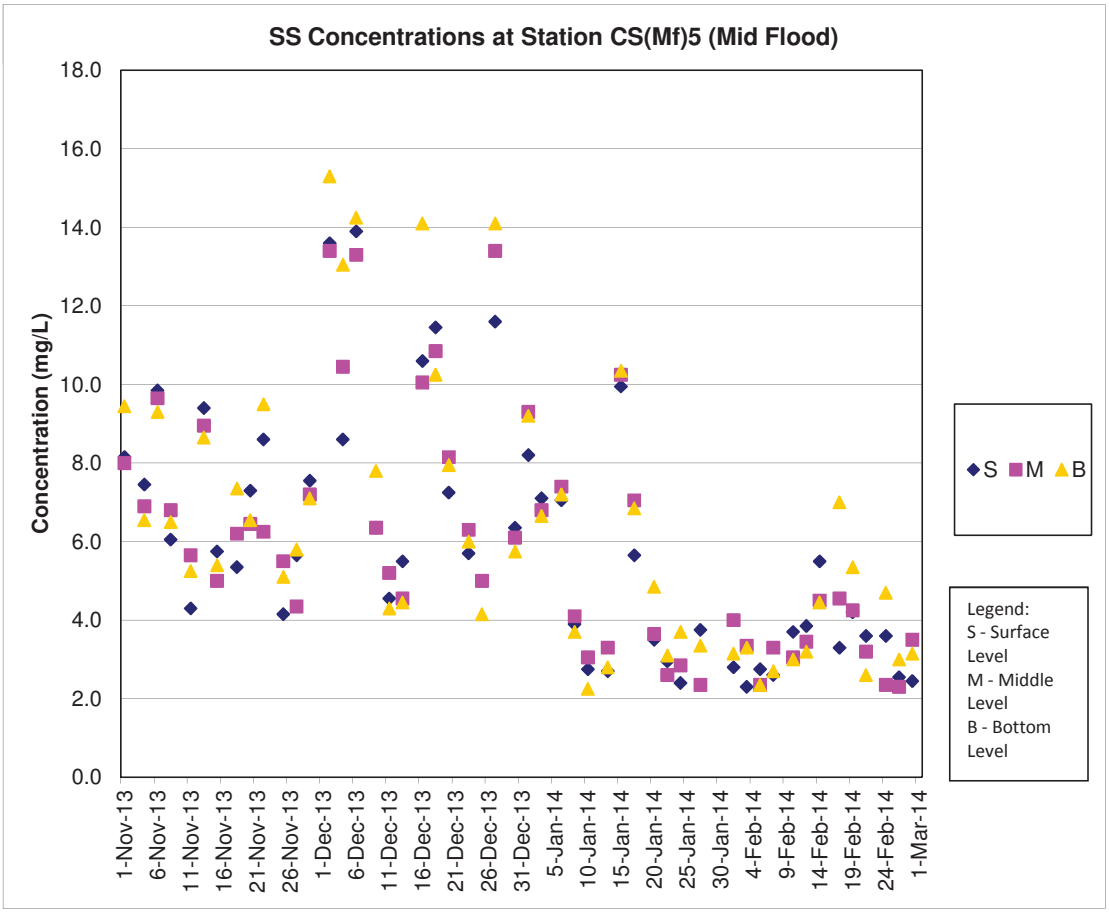

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

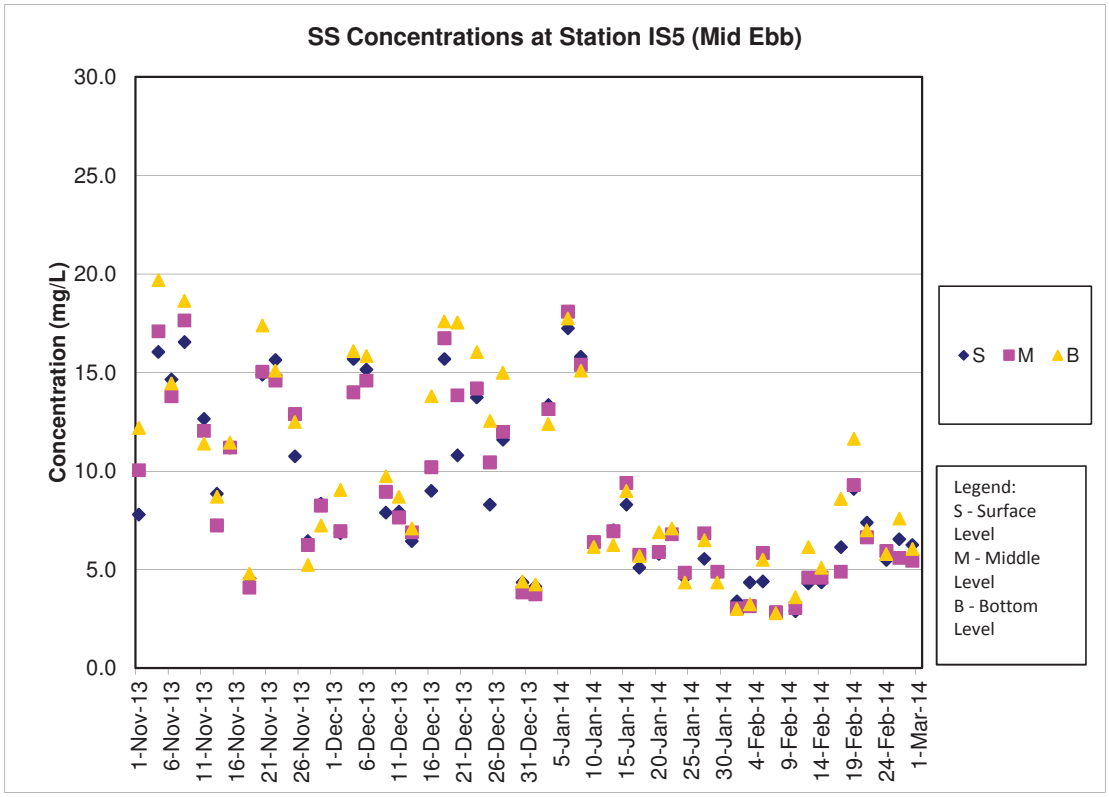

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

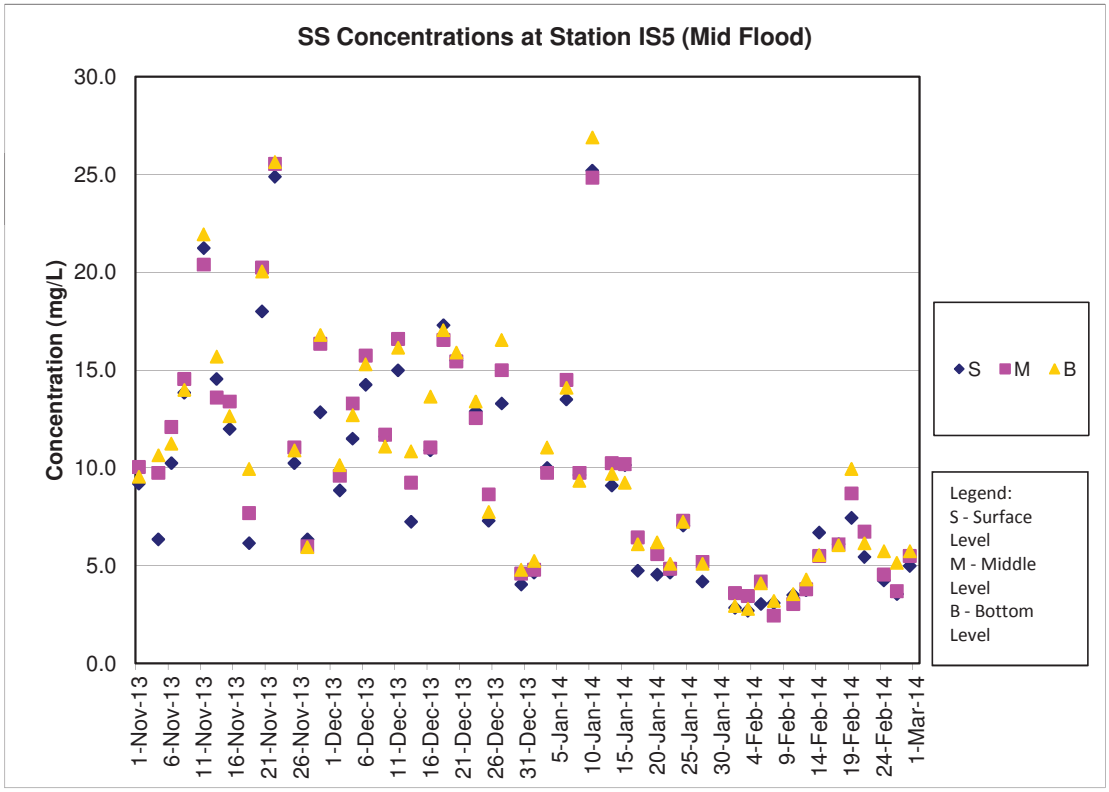

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

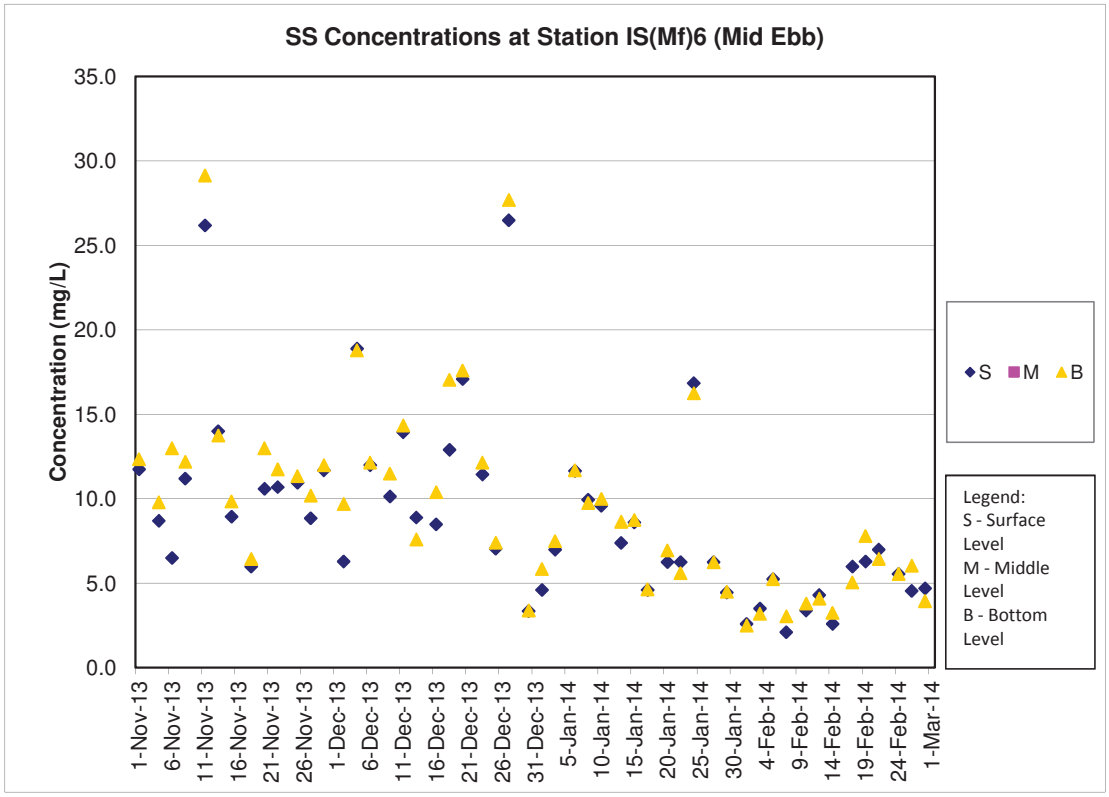

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

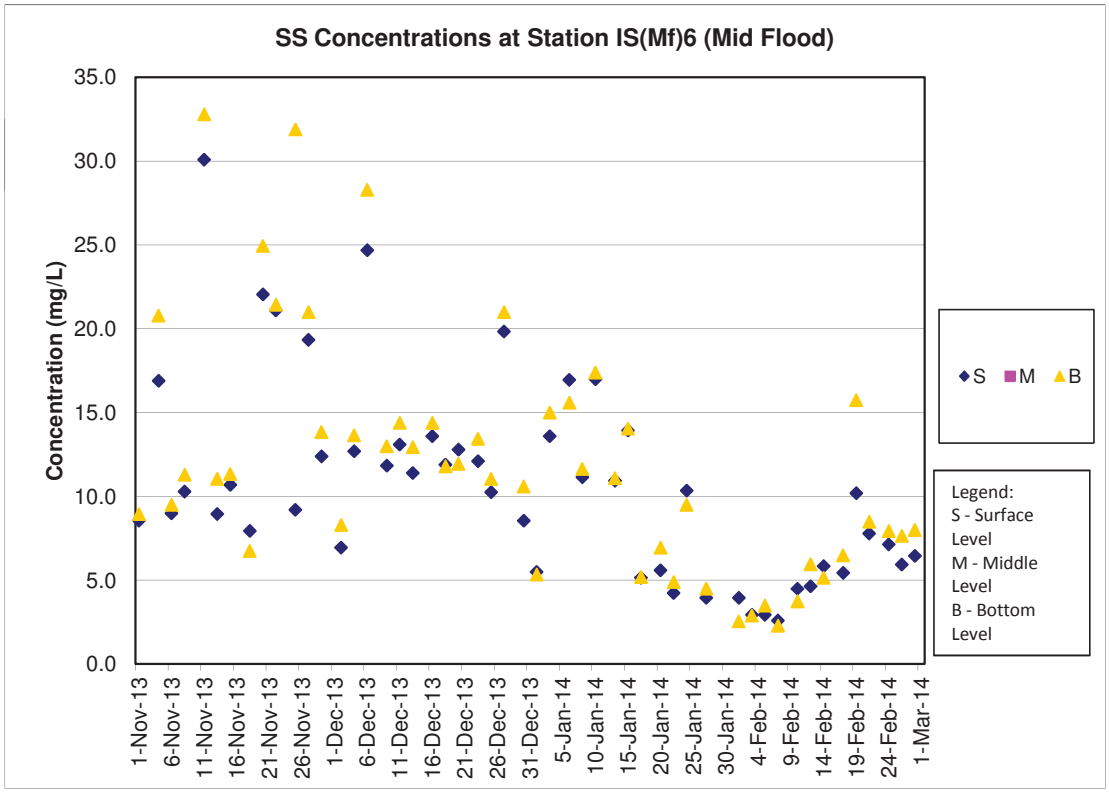

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
1-Dec-13
6-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
1-Mar-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

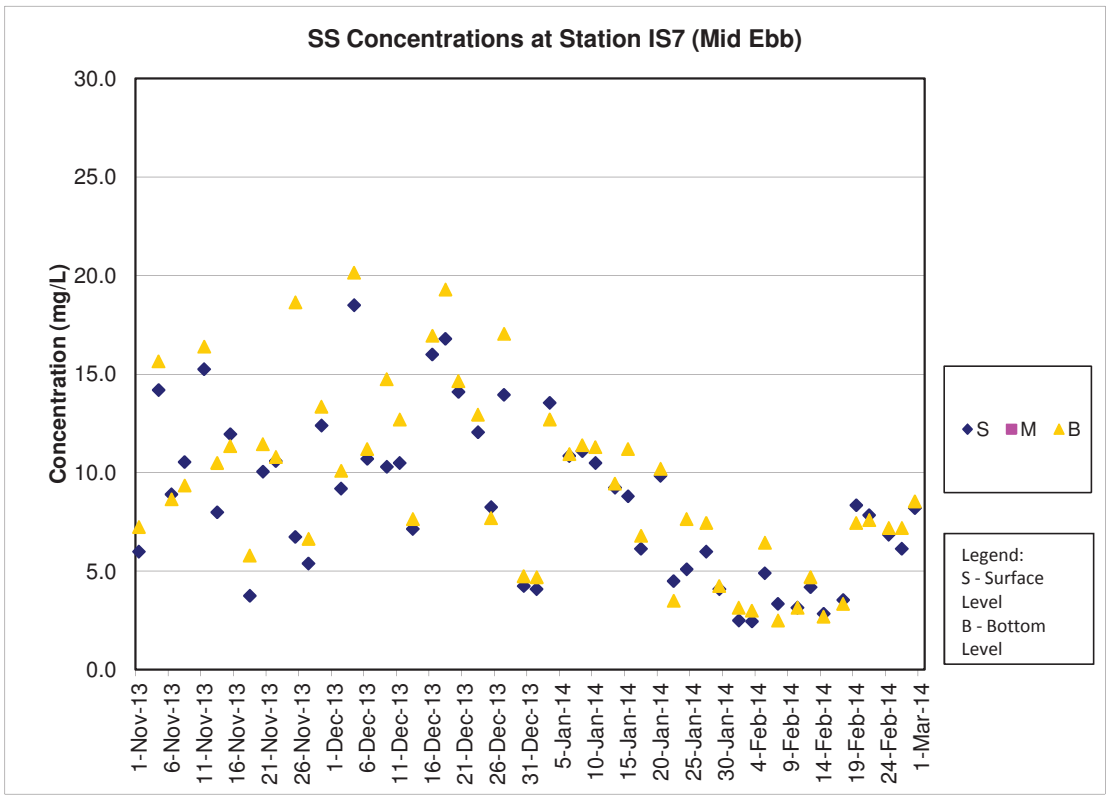

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

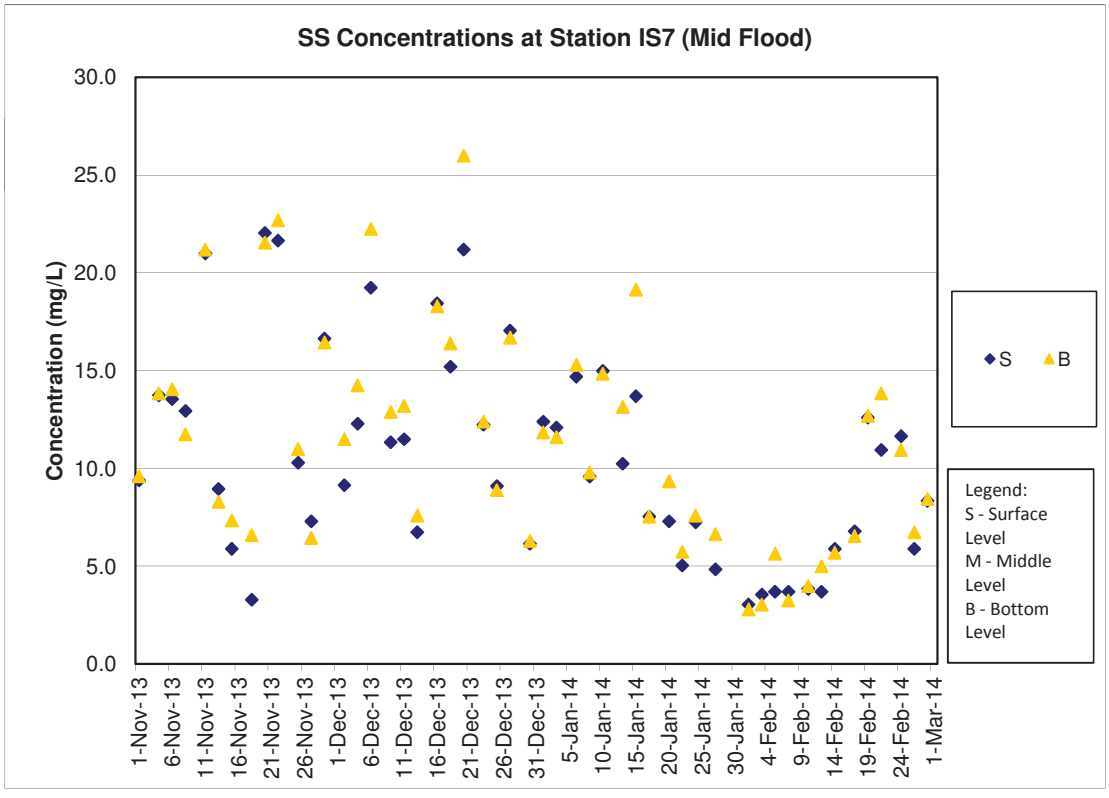

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14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

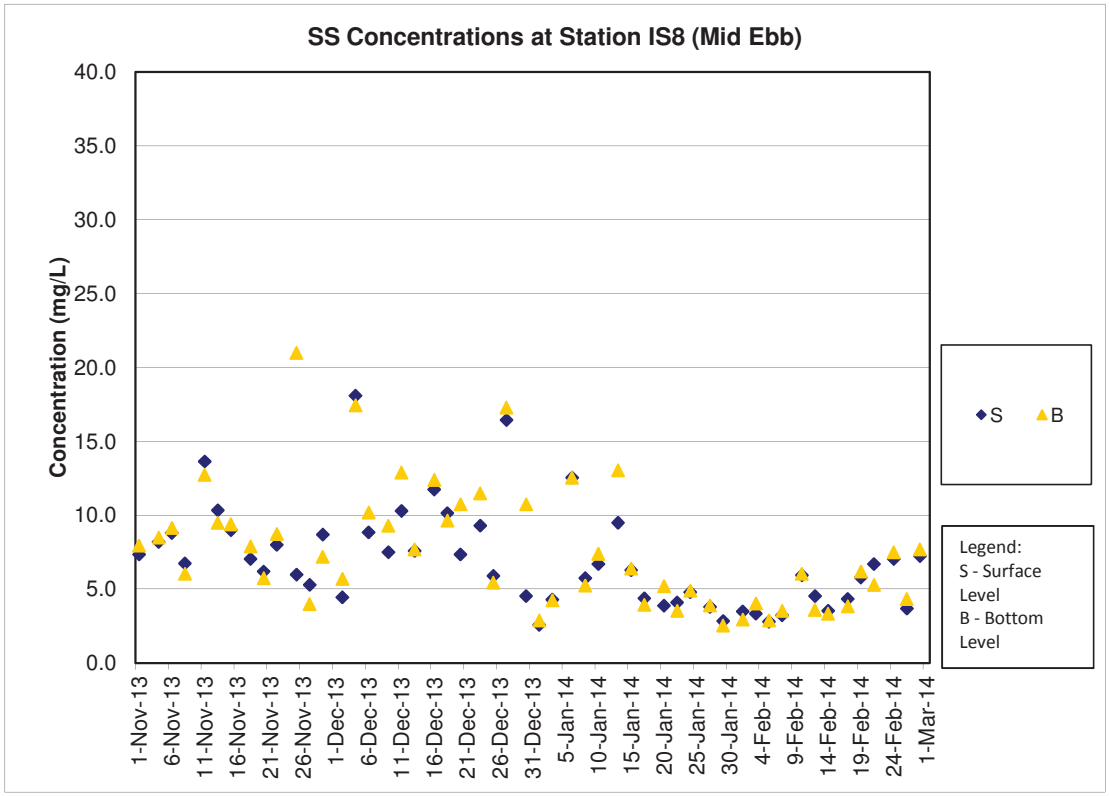

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

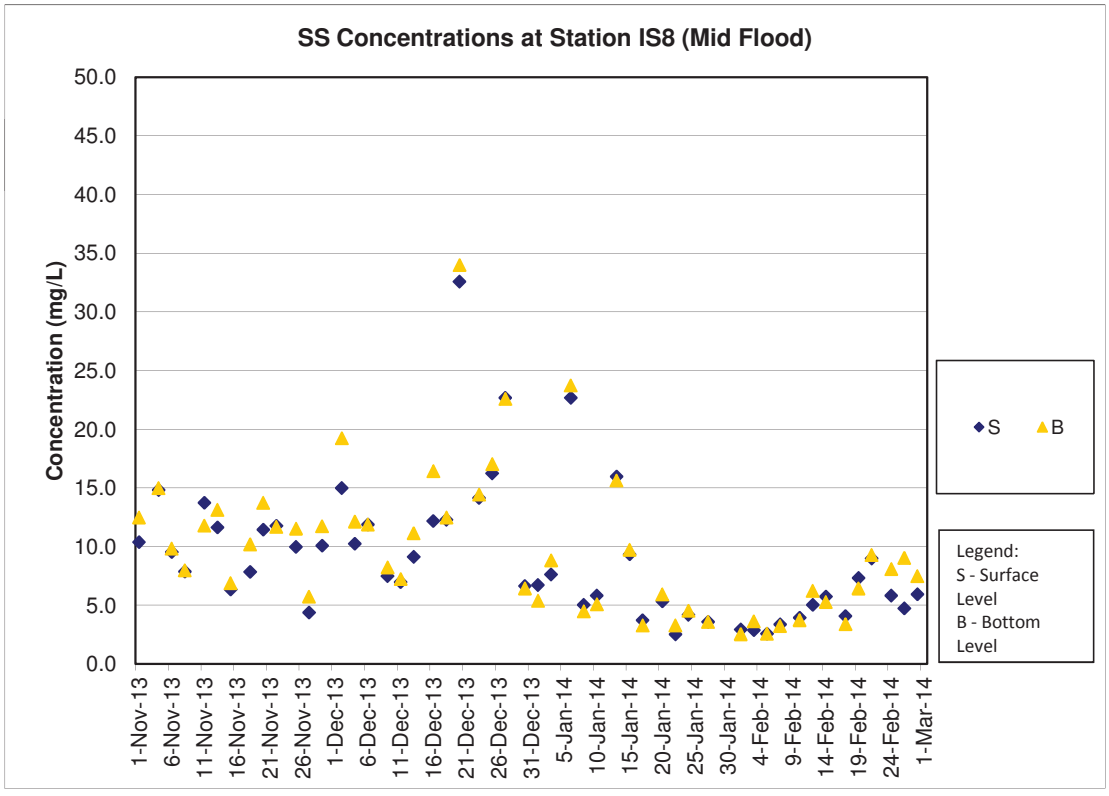

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

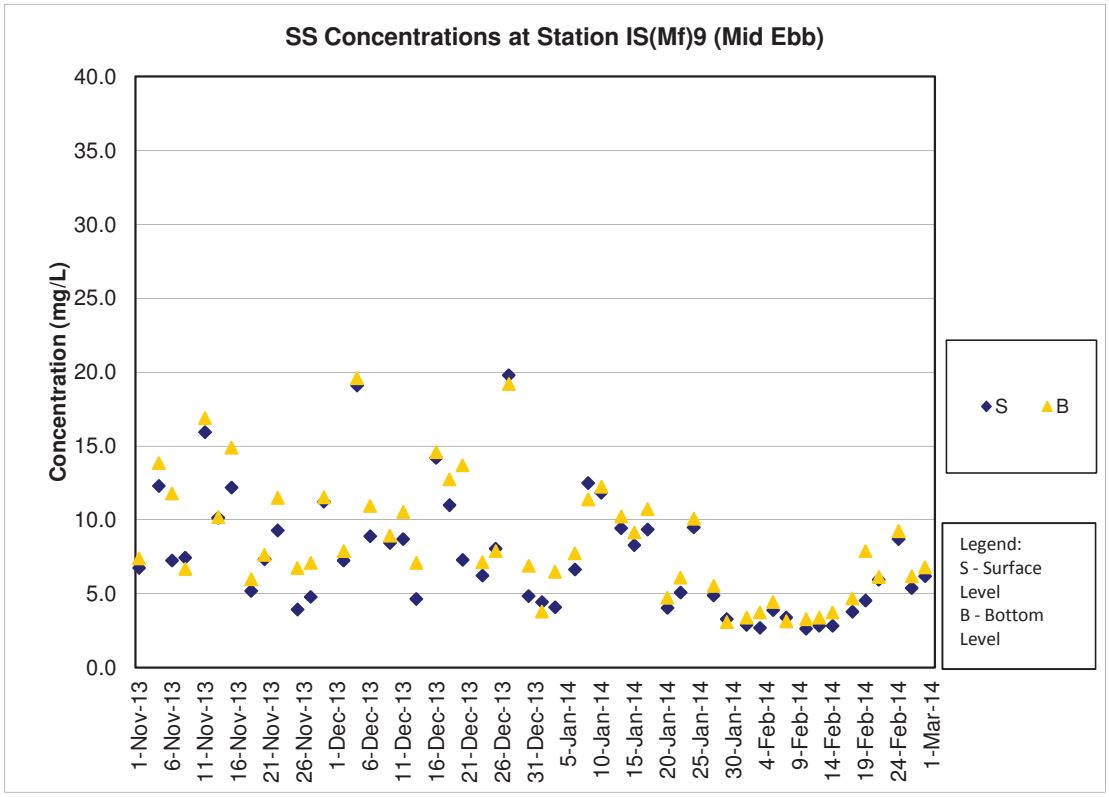

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

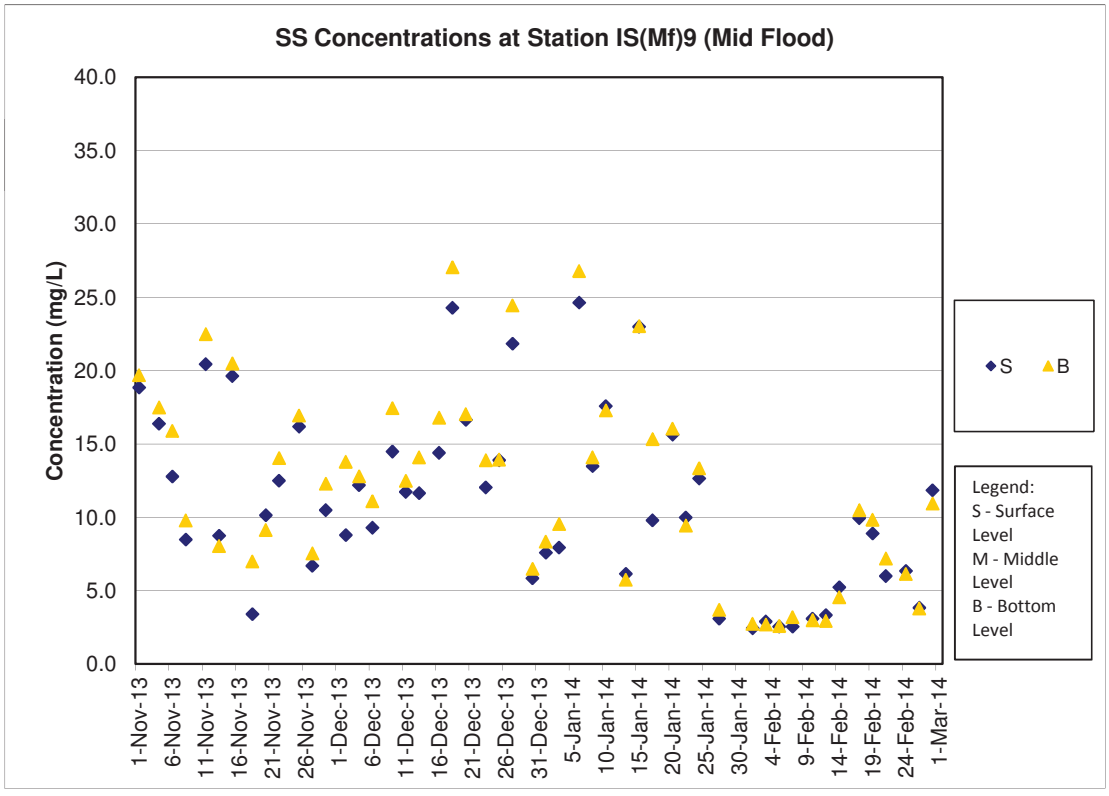

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14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

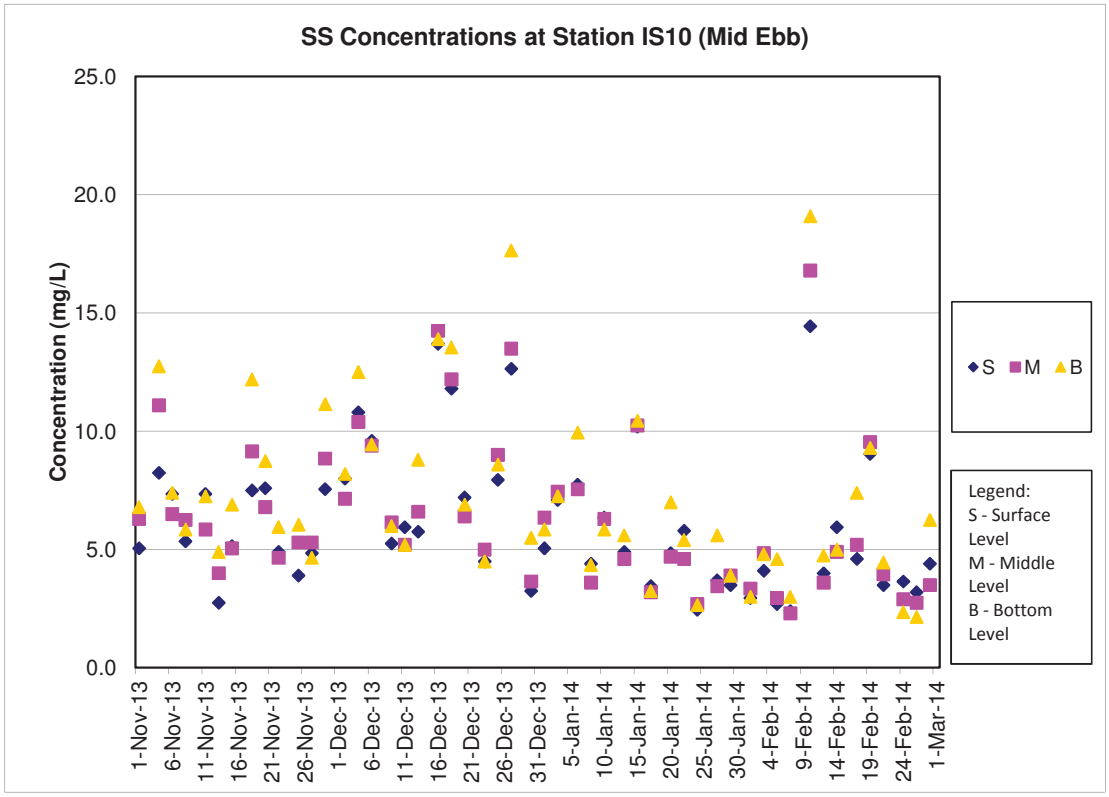

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

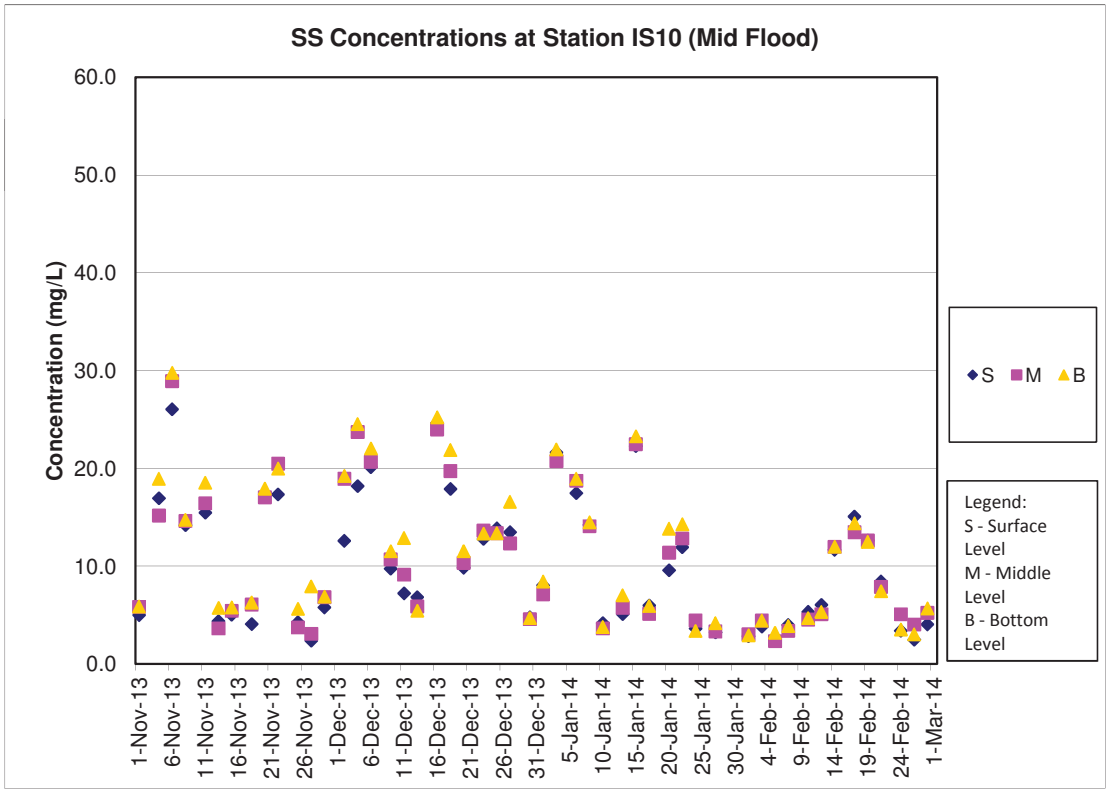

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

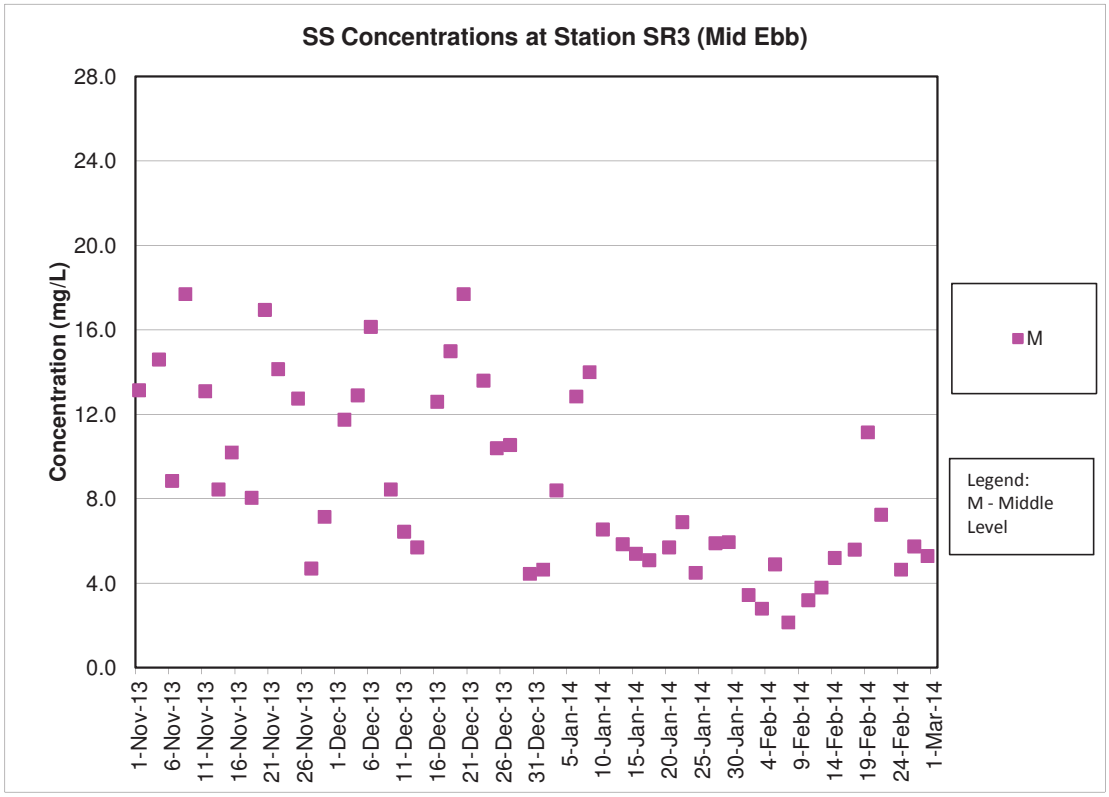

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14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

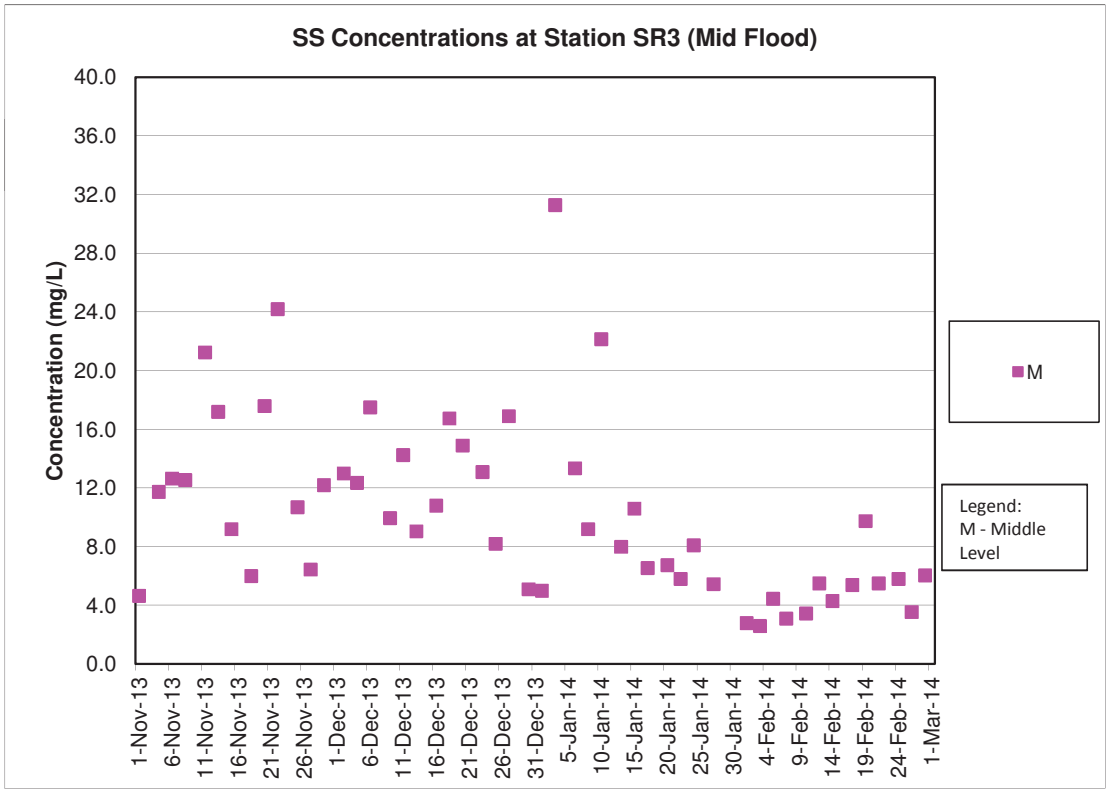

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

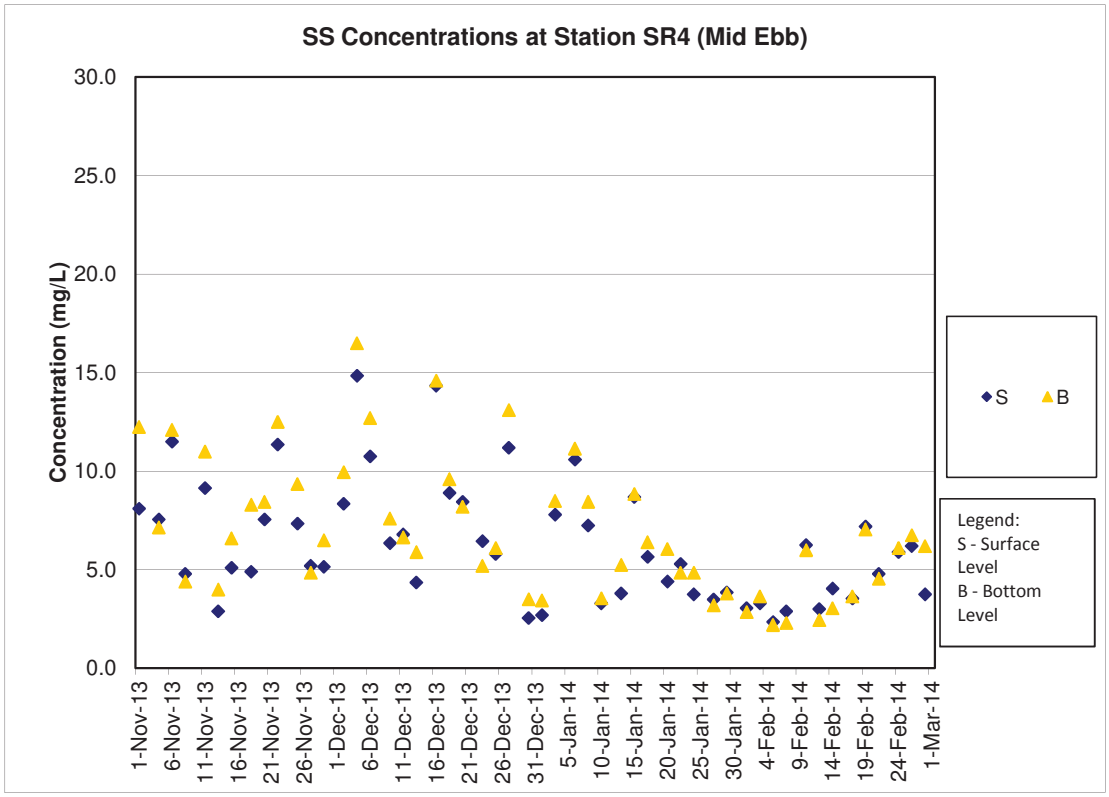

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

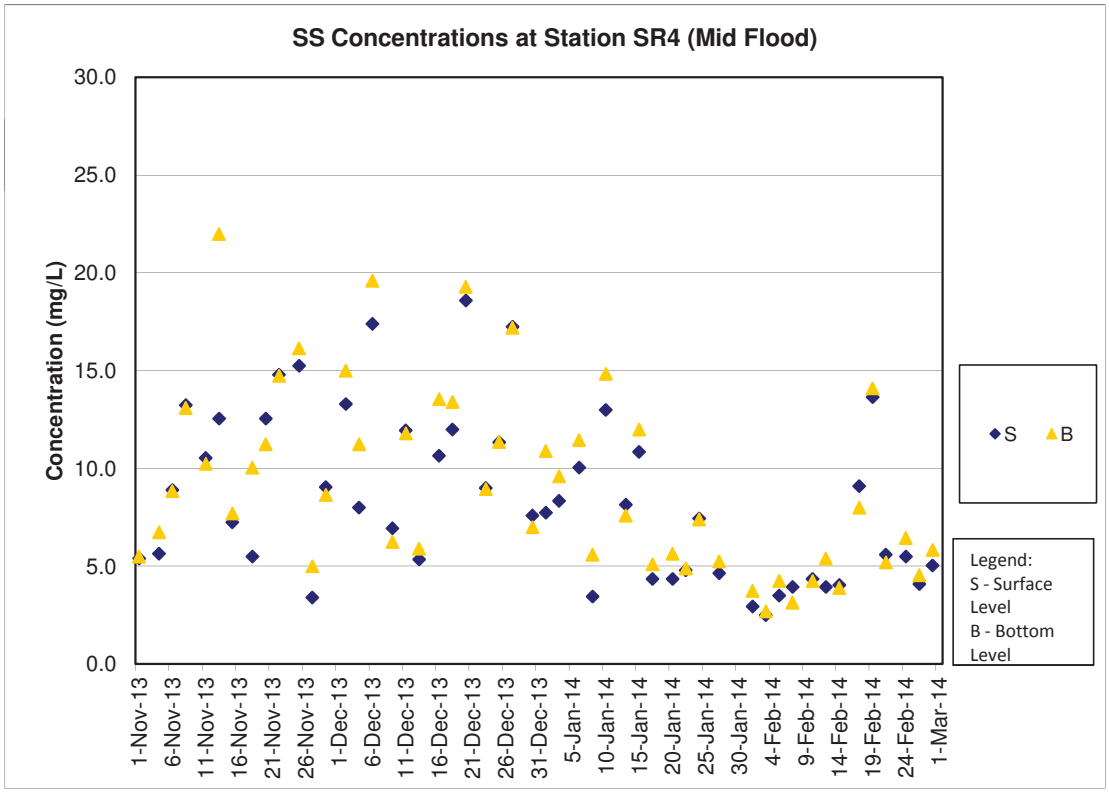

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14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

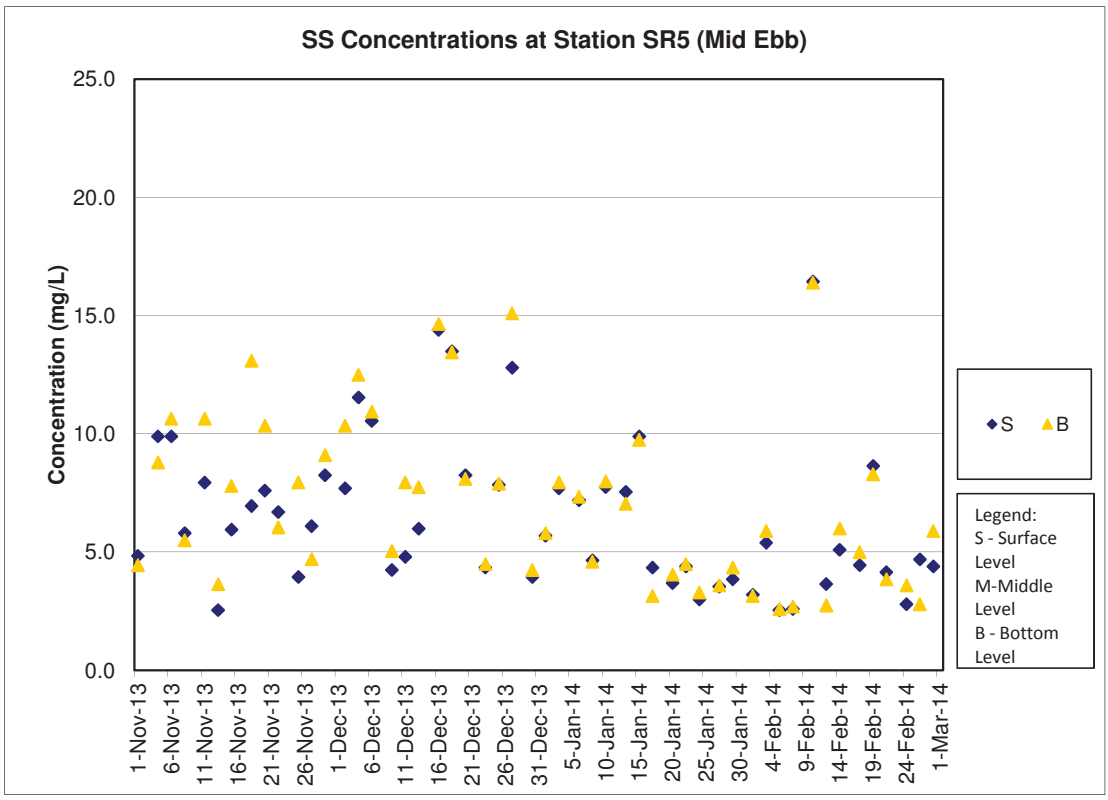

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

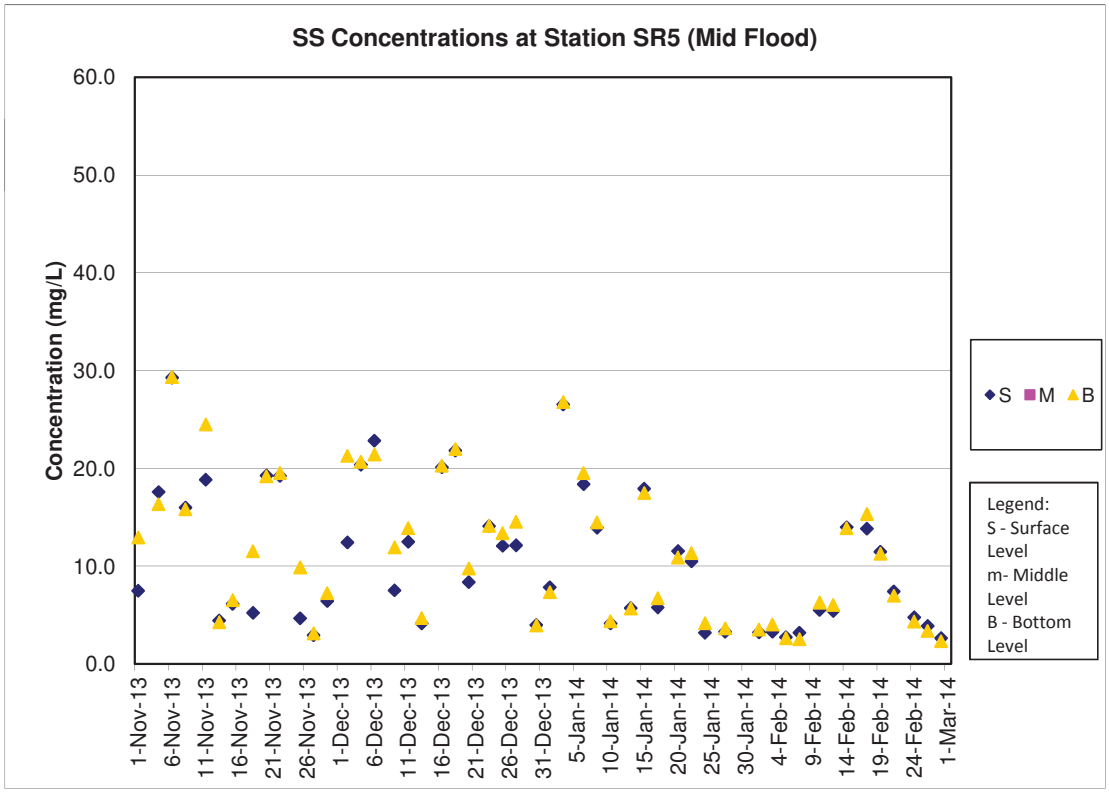

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

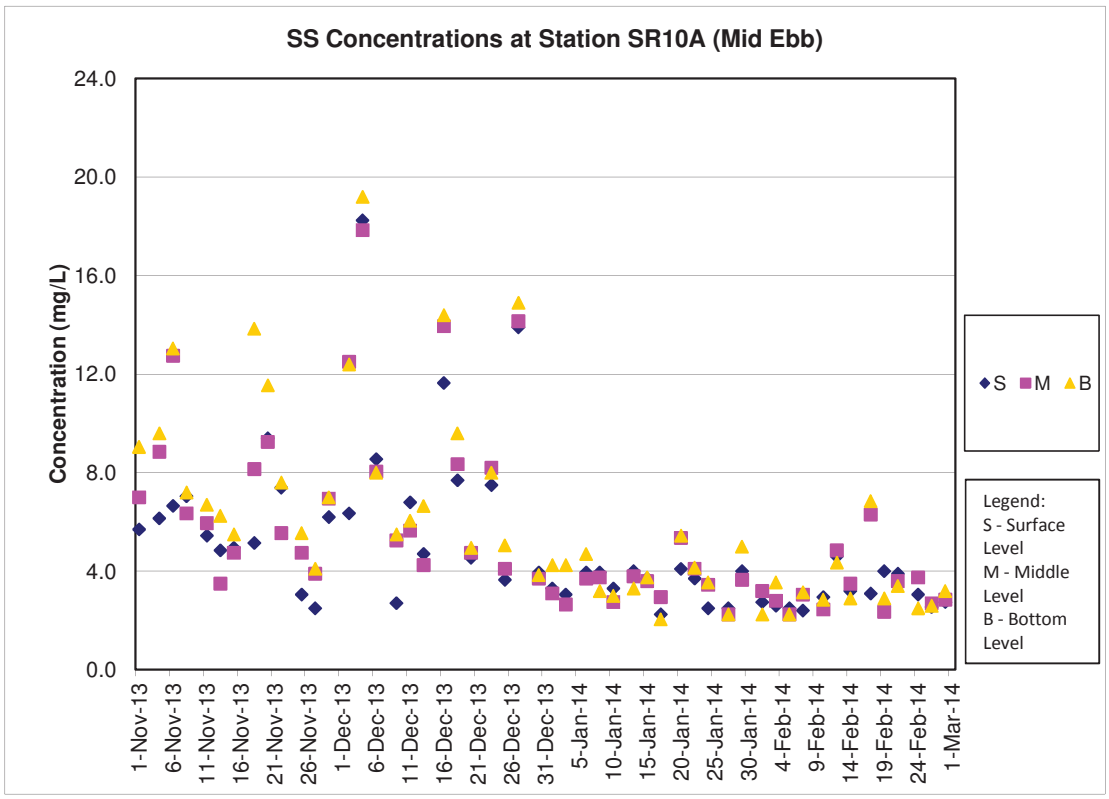

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
40.0
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14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

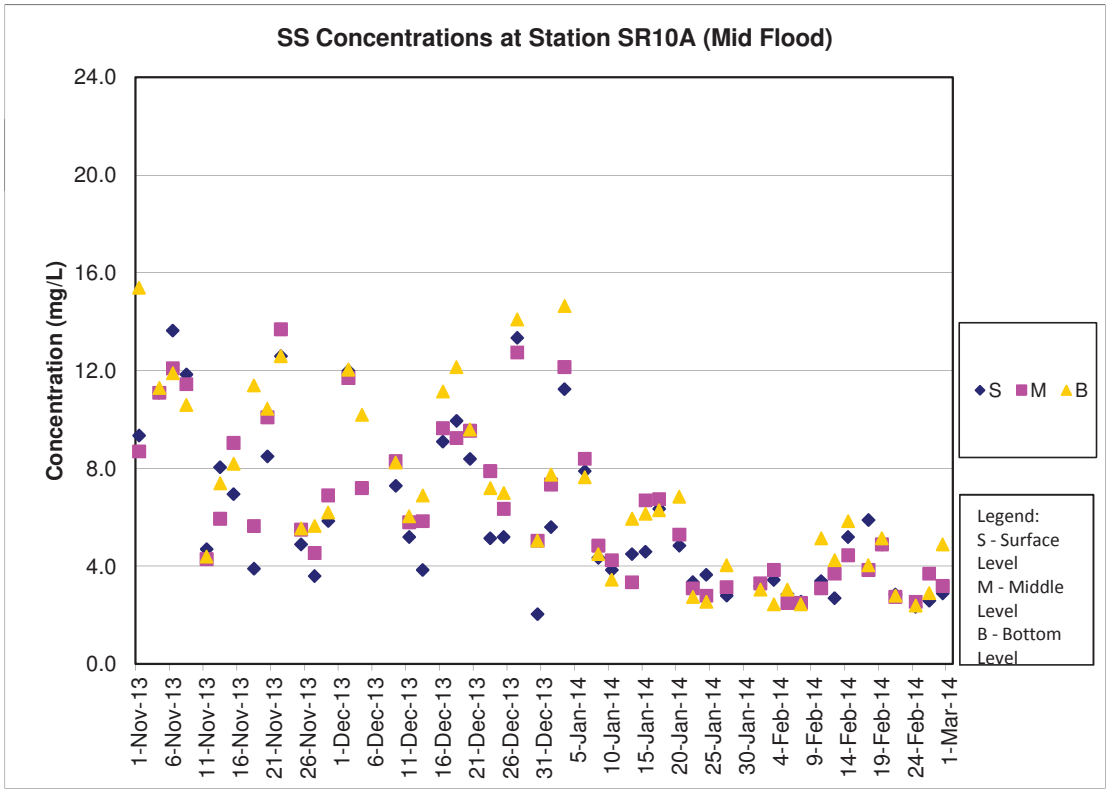

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14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

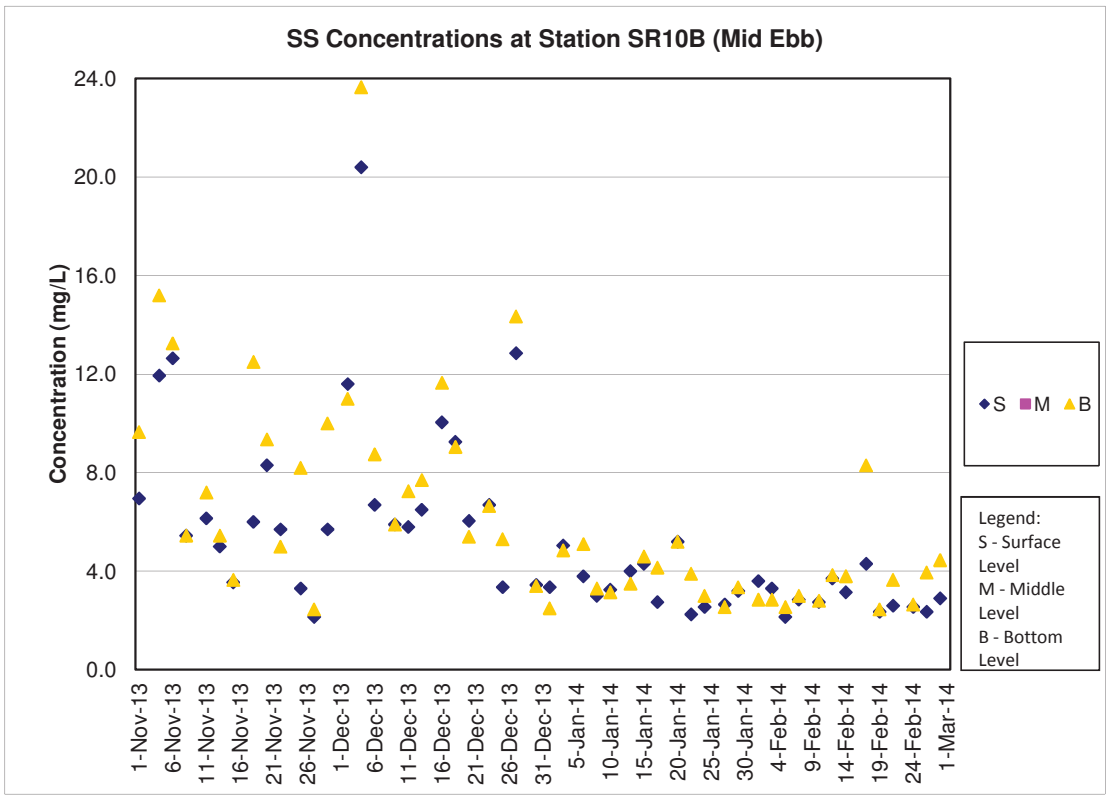

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

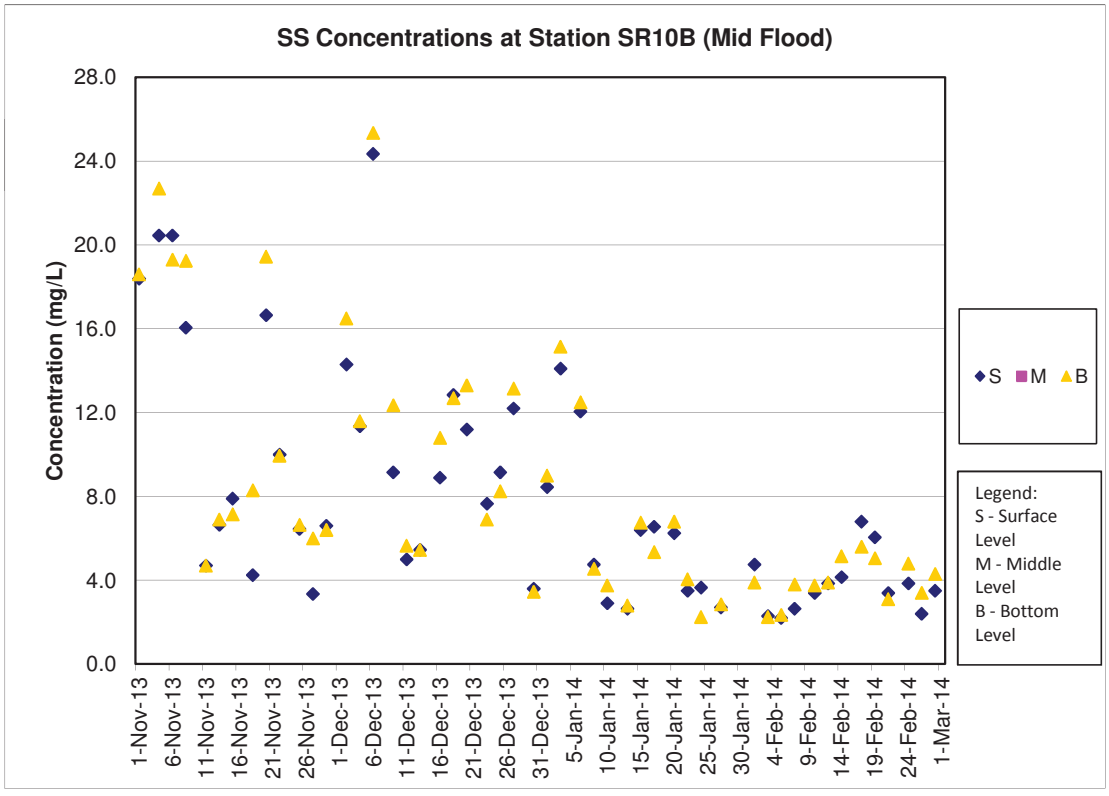

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14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

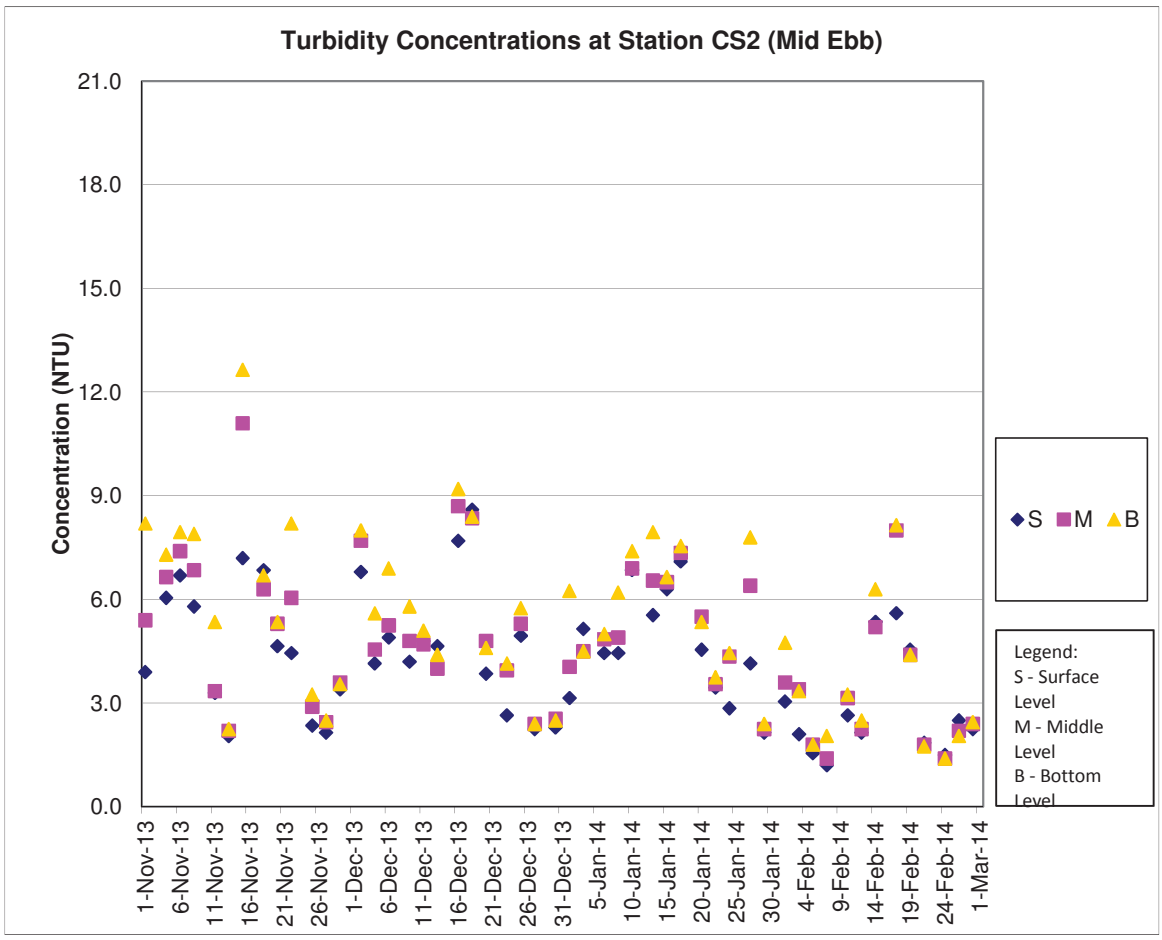

SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

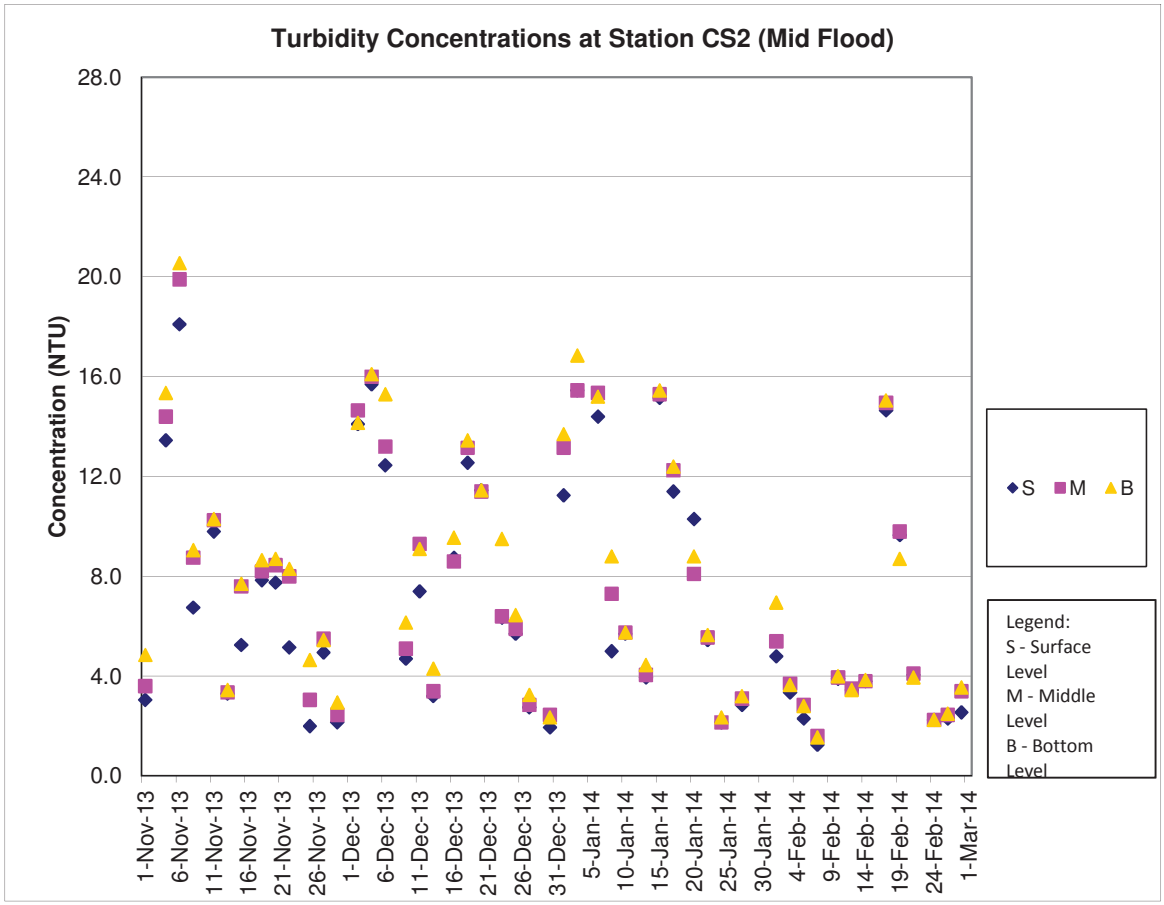

SS Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

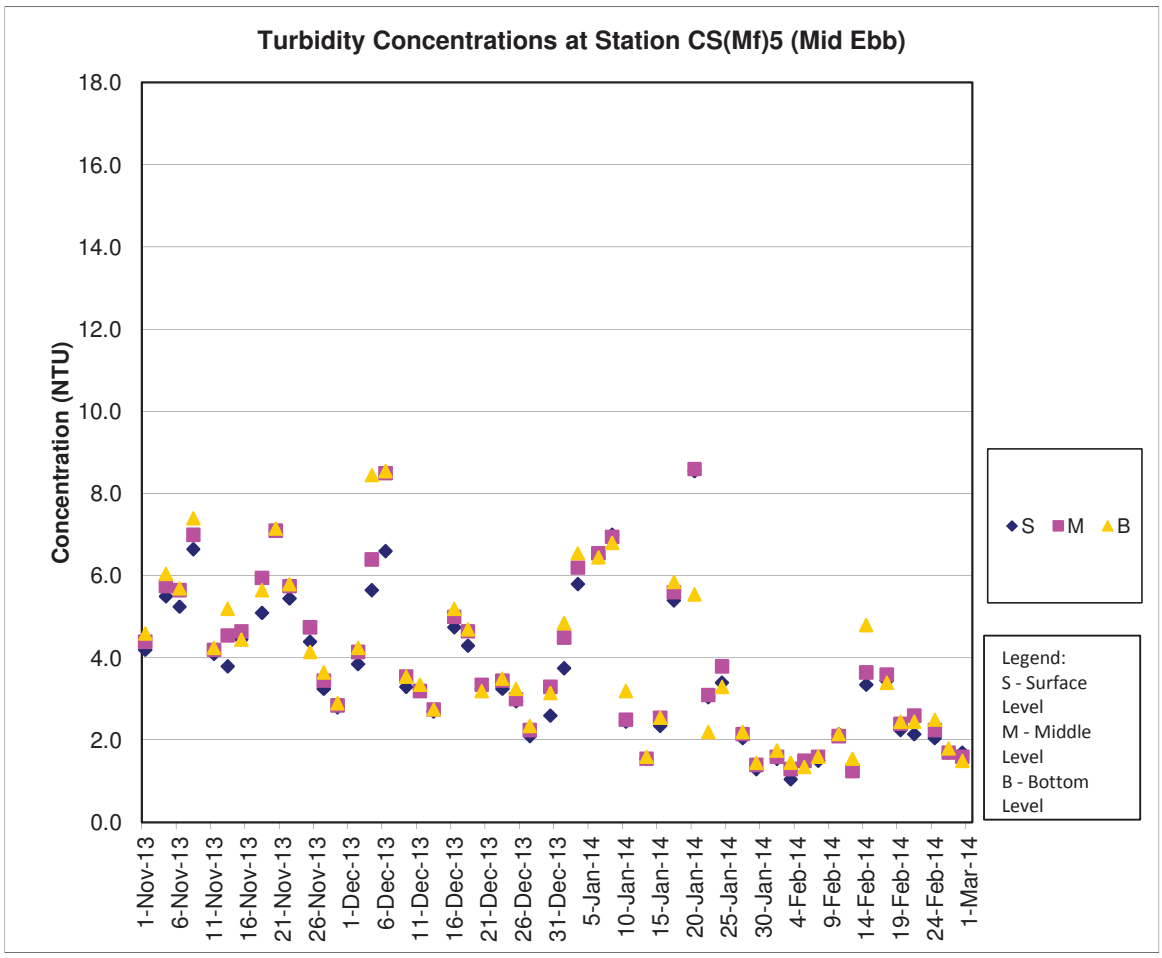

SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

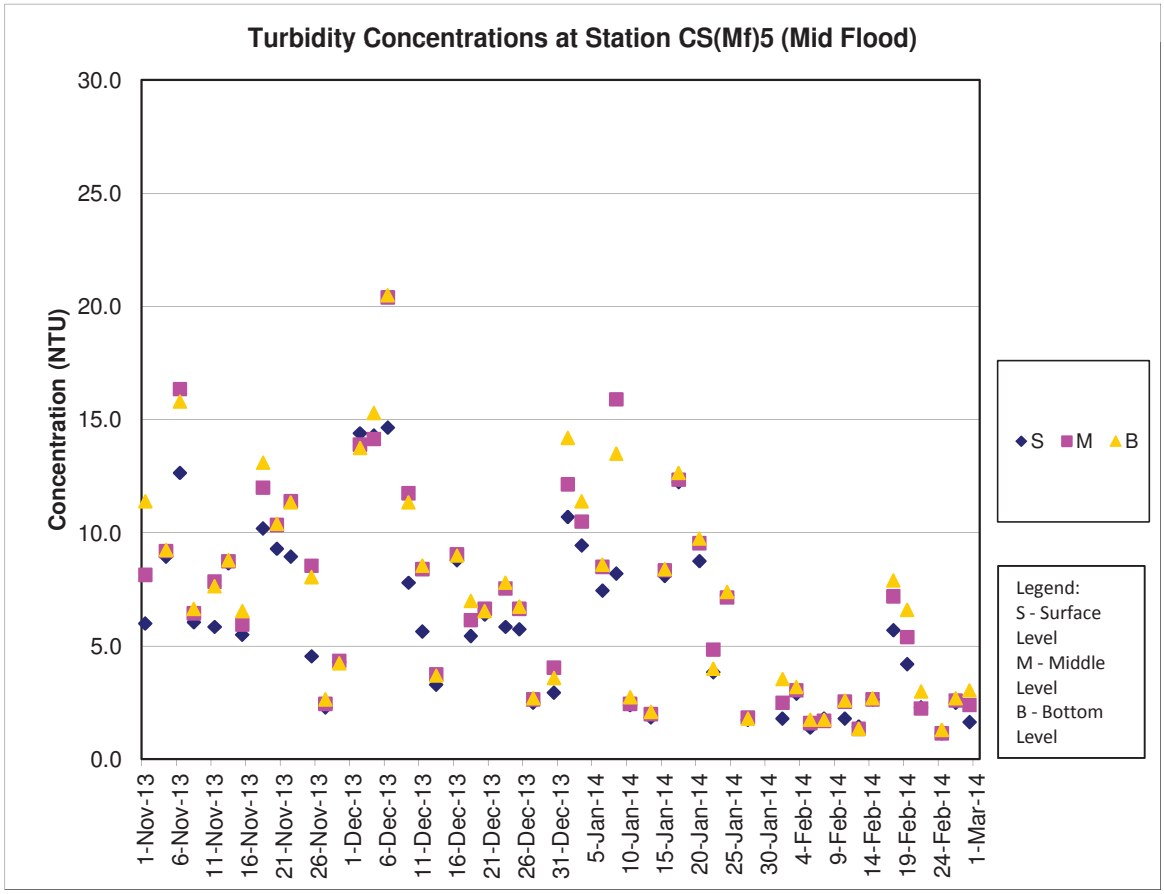

SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

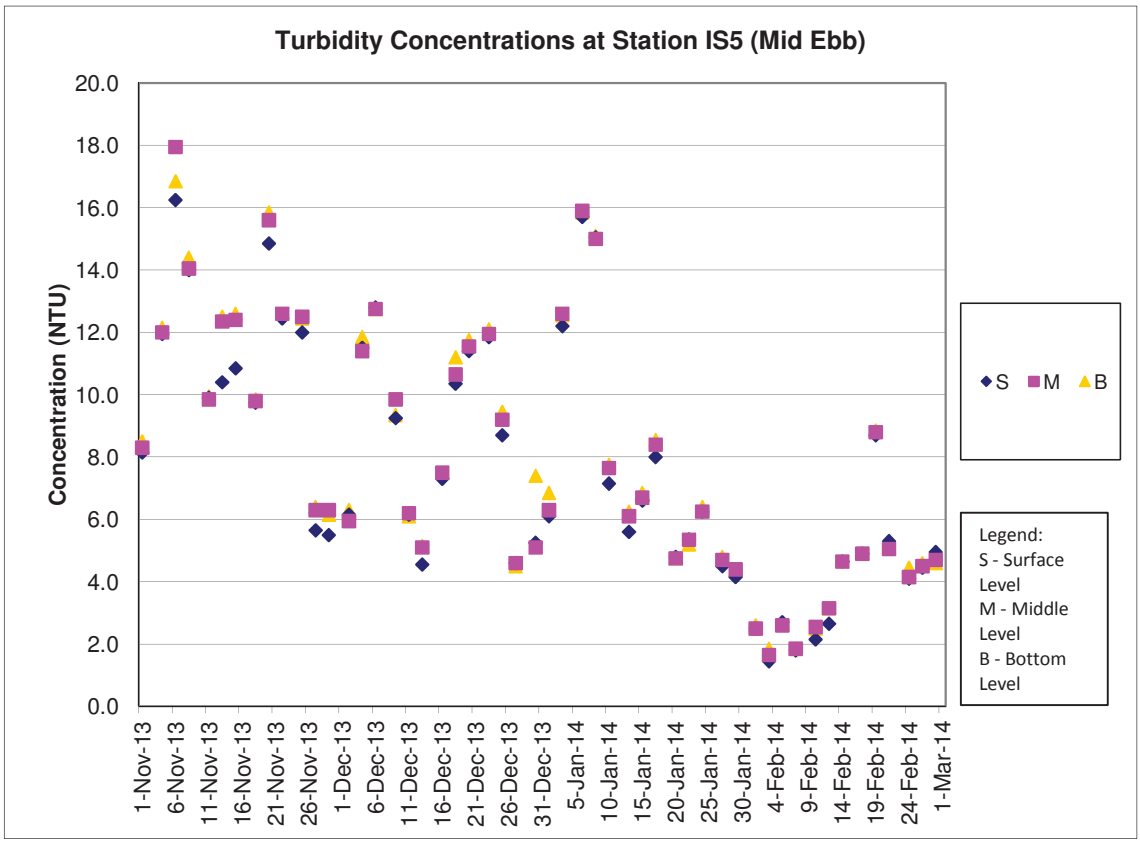

SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

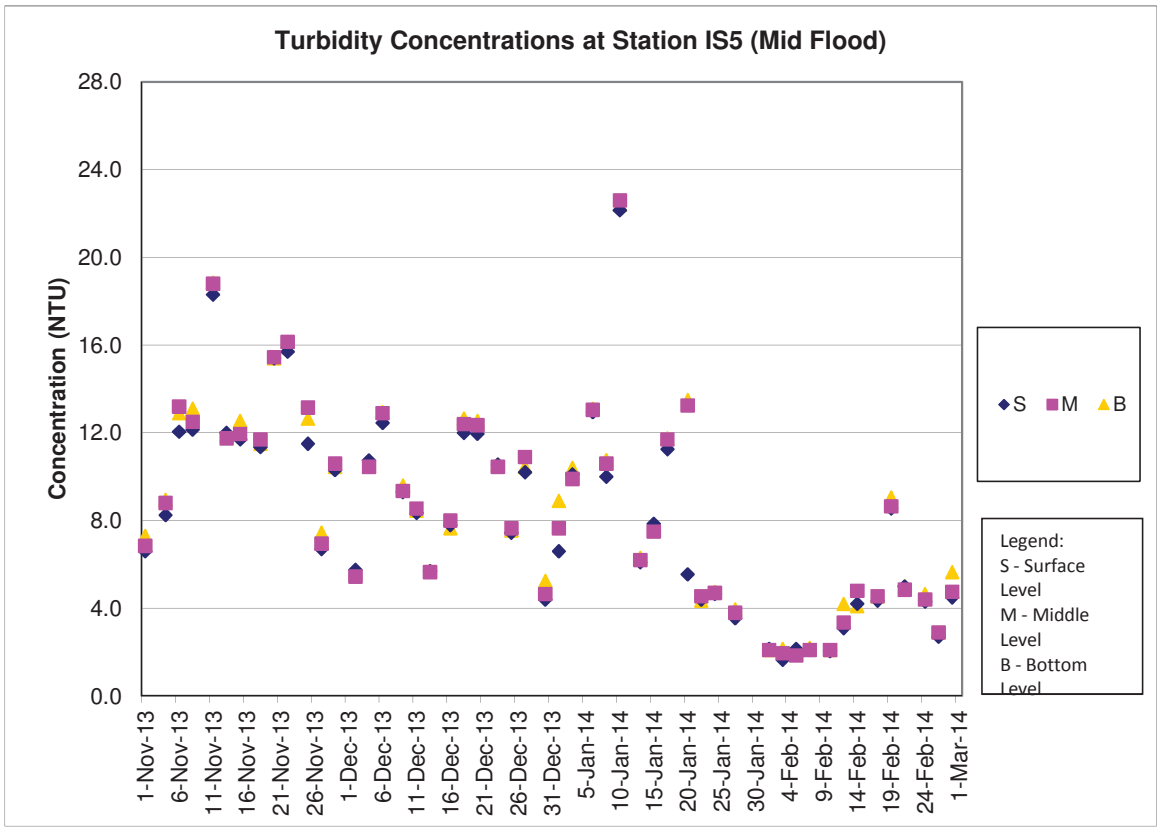

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14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

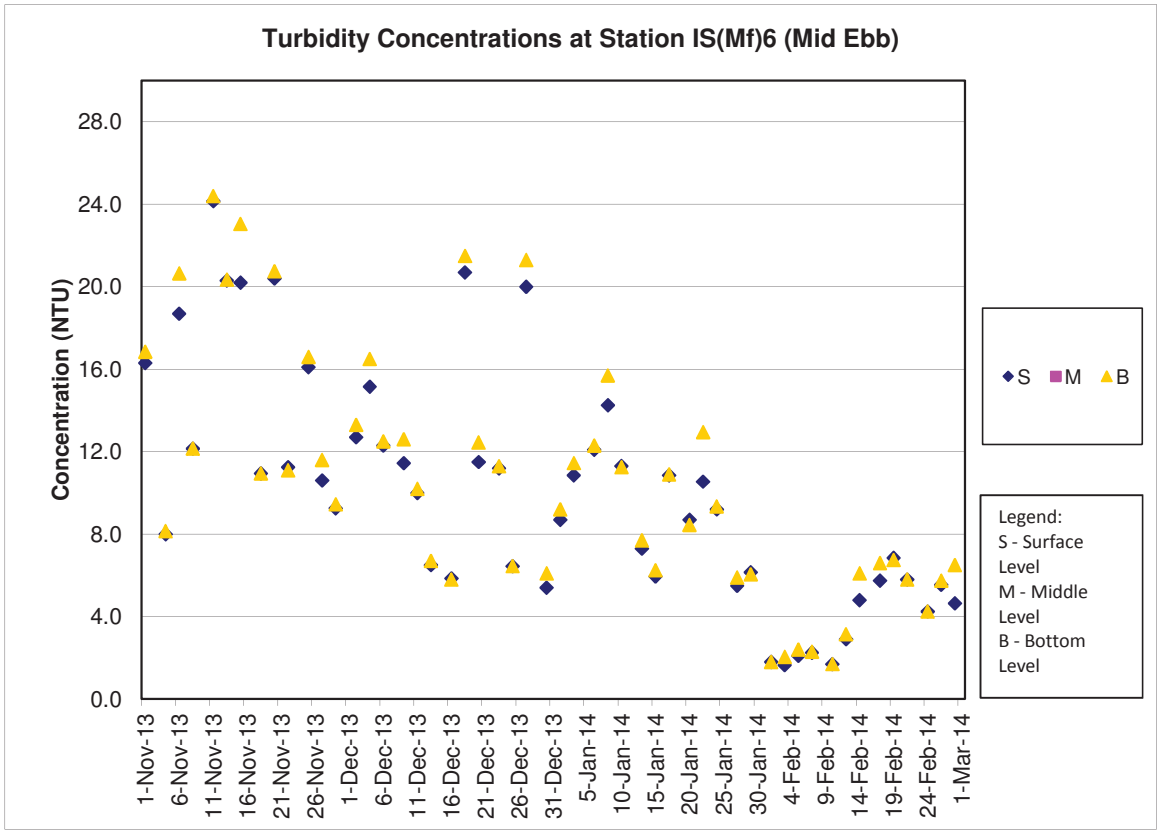

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

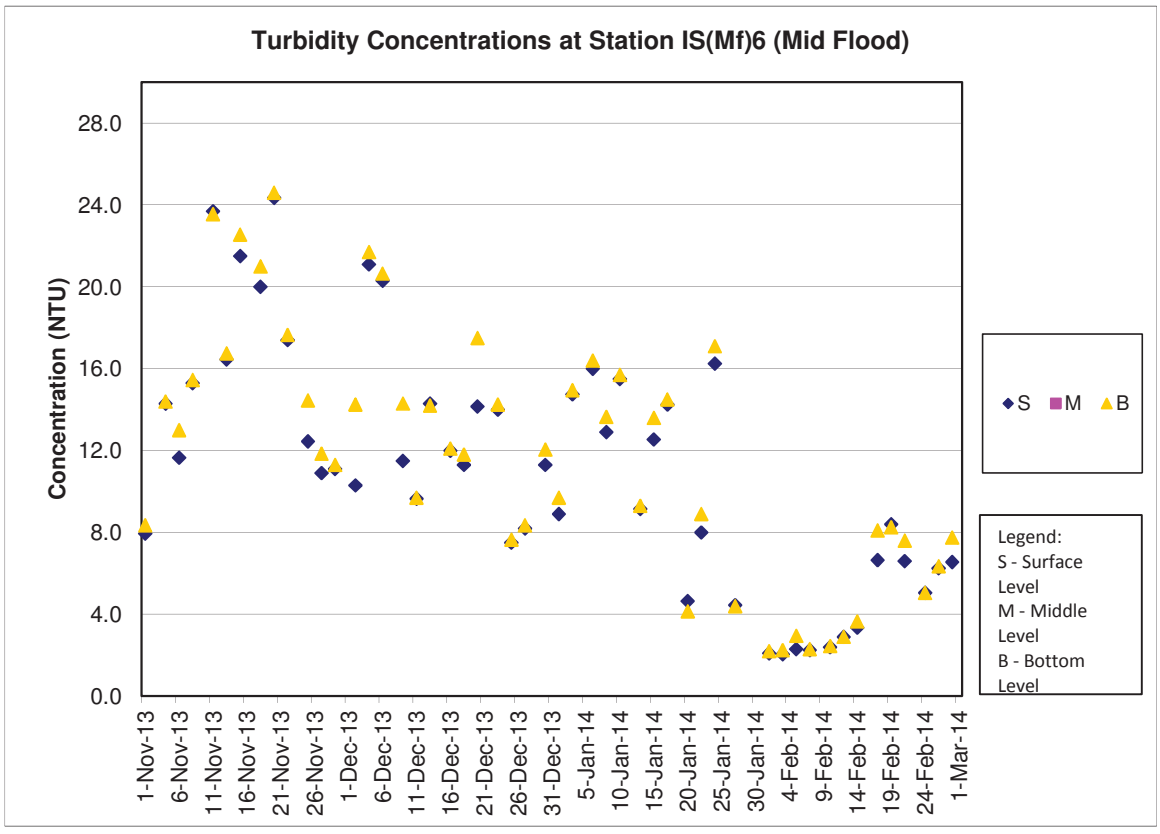

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14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

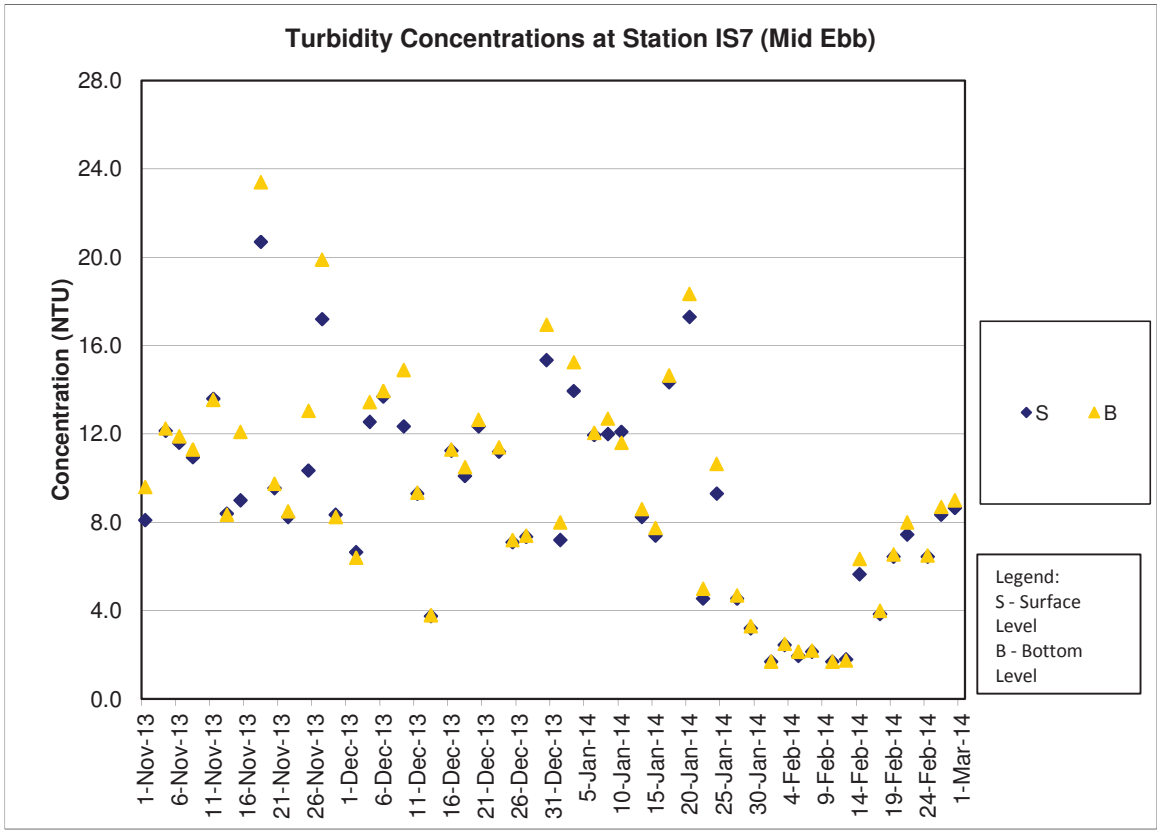

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

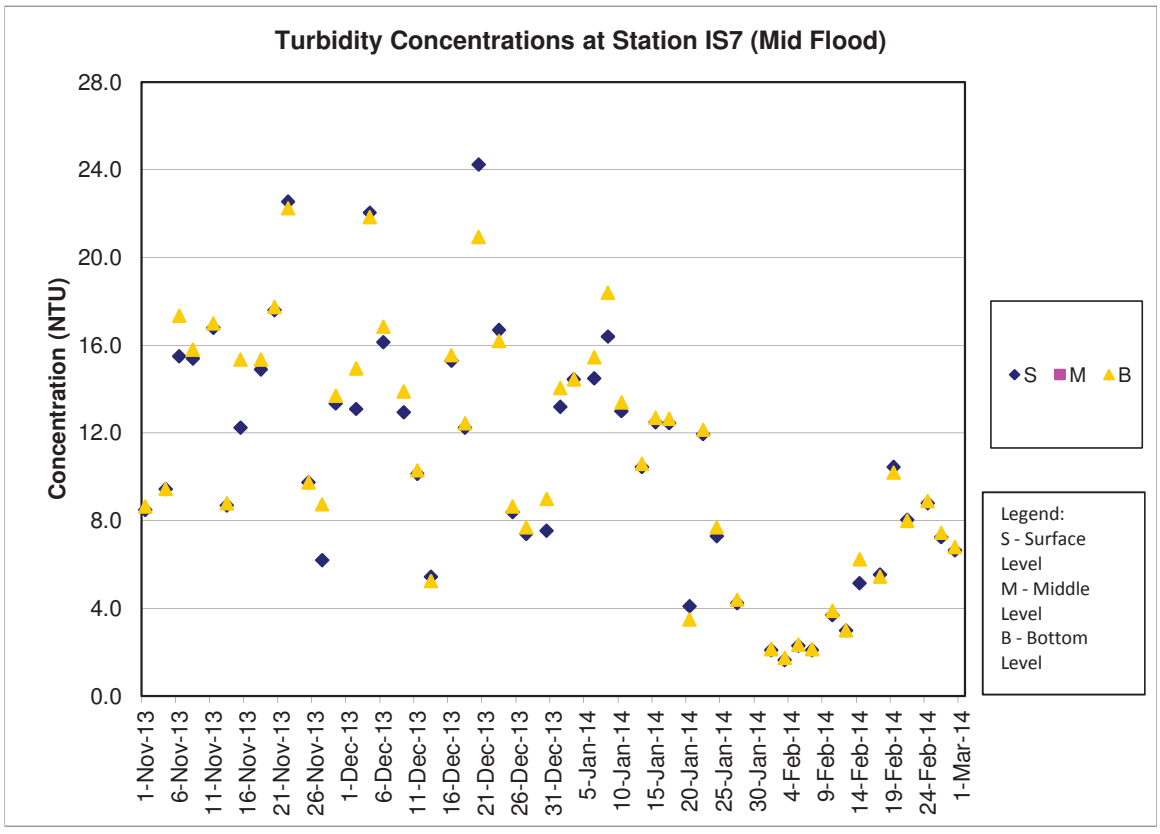

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

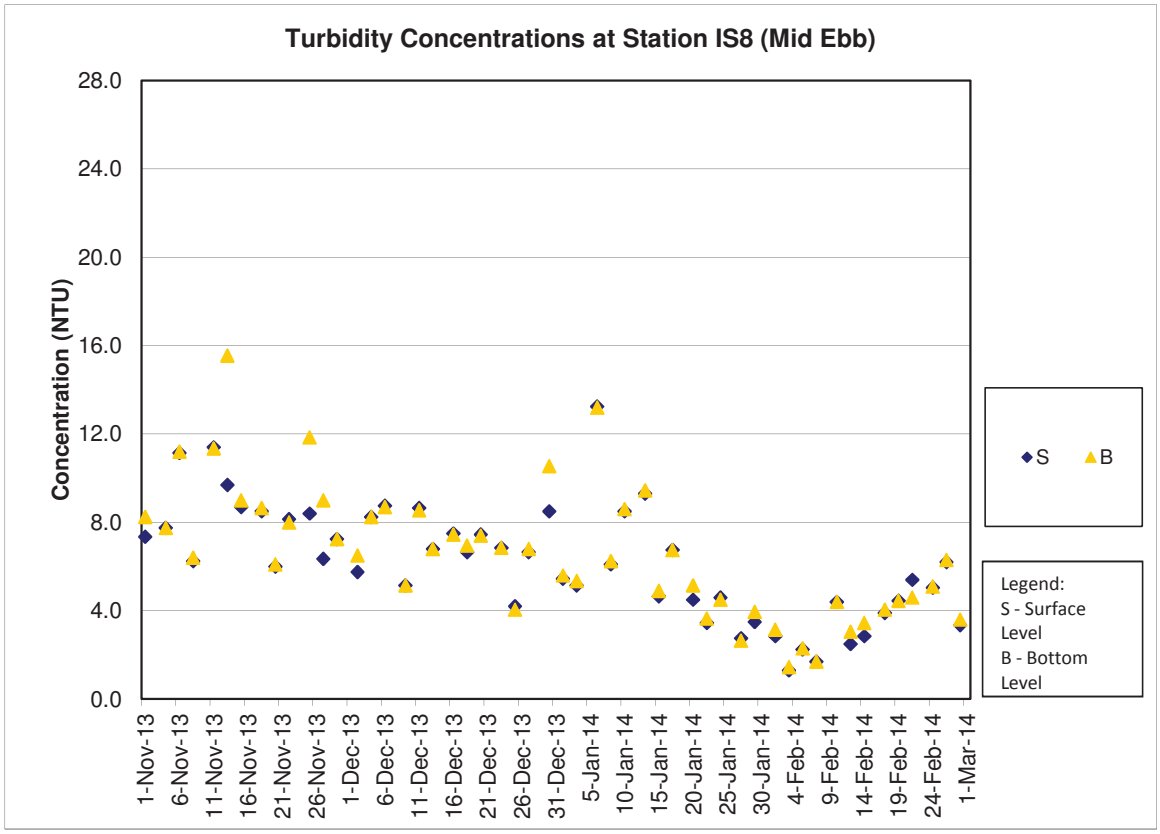

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

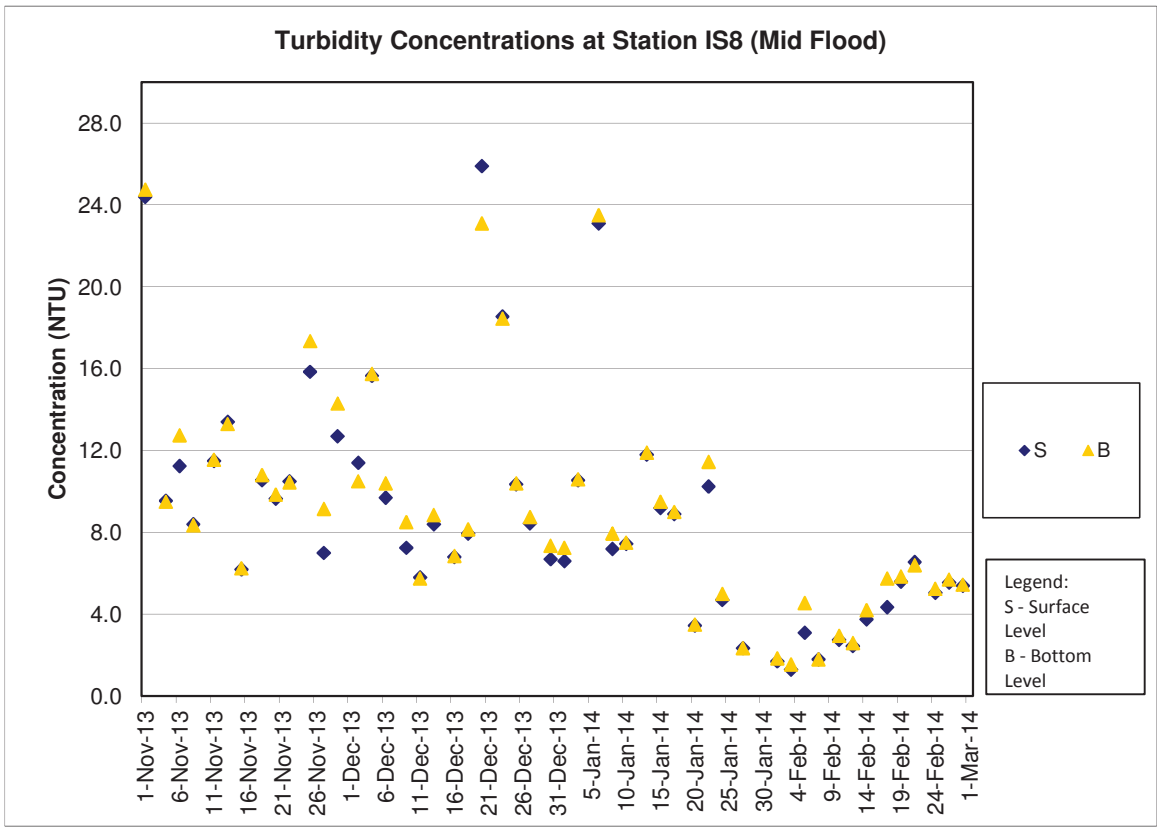

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

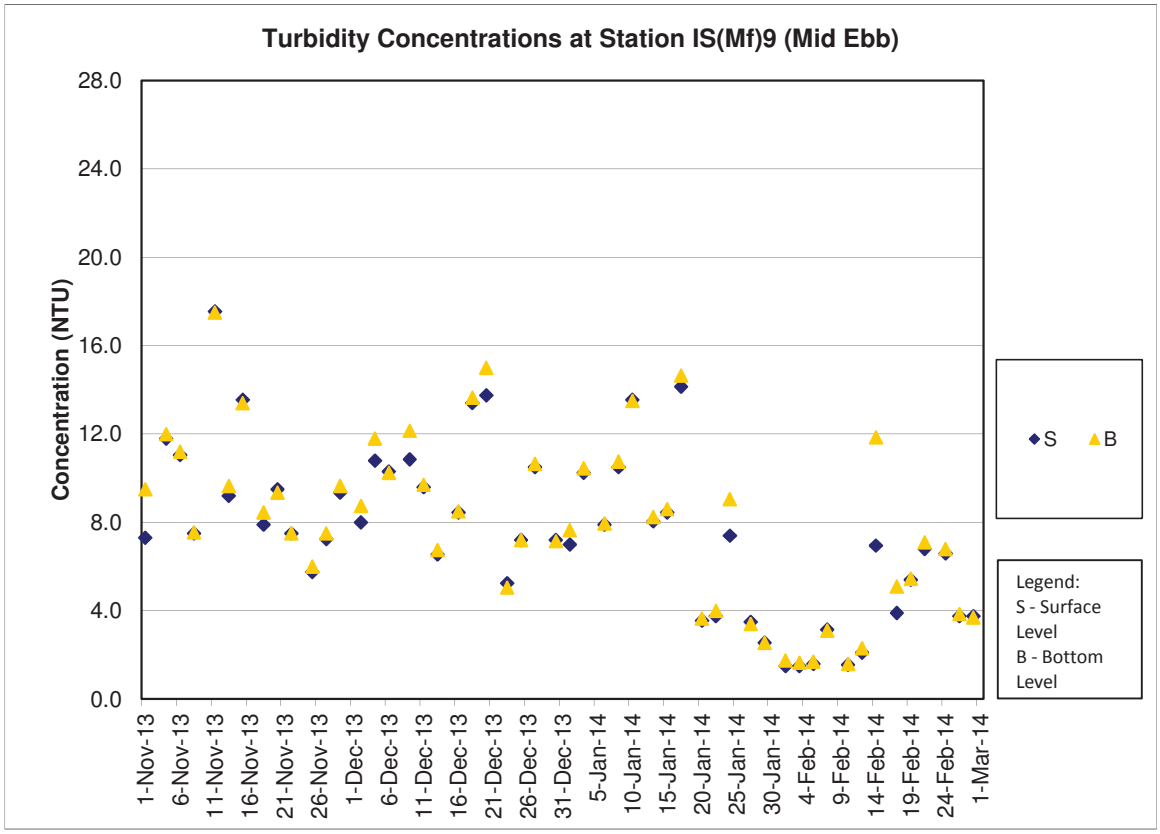

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

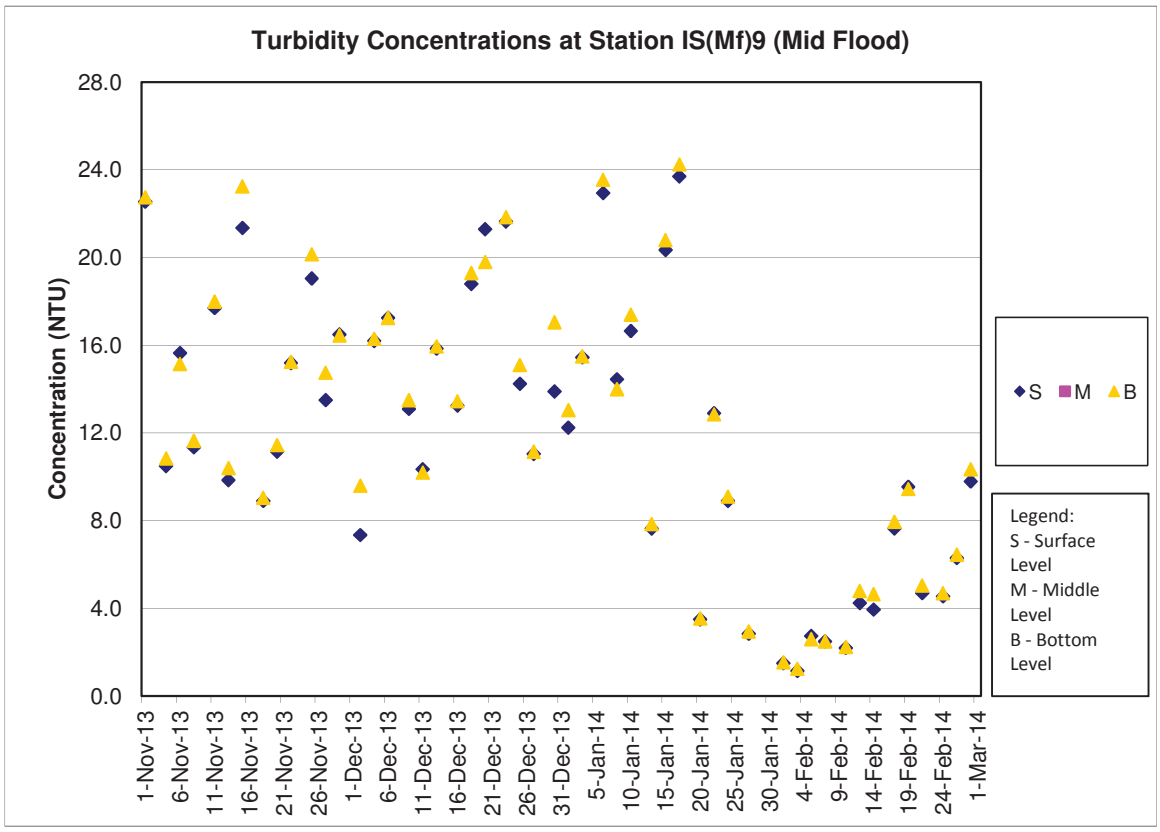

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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

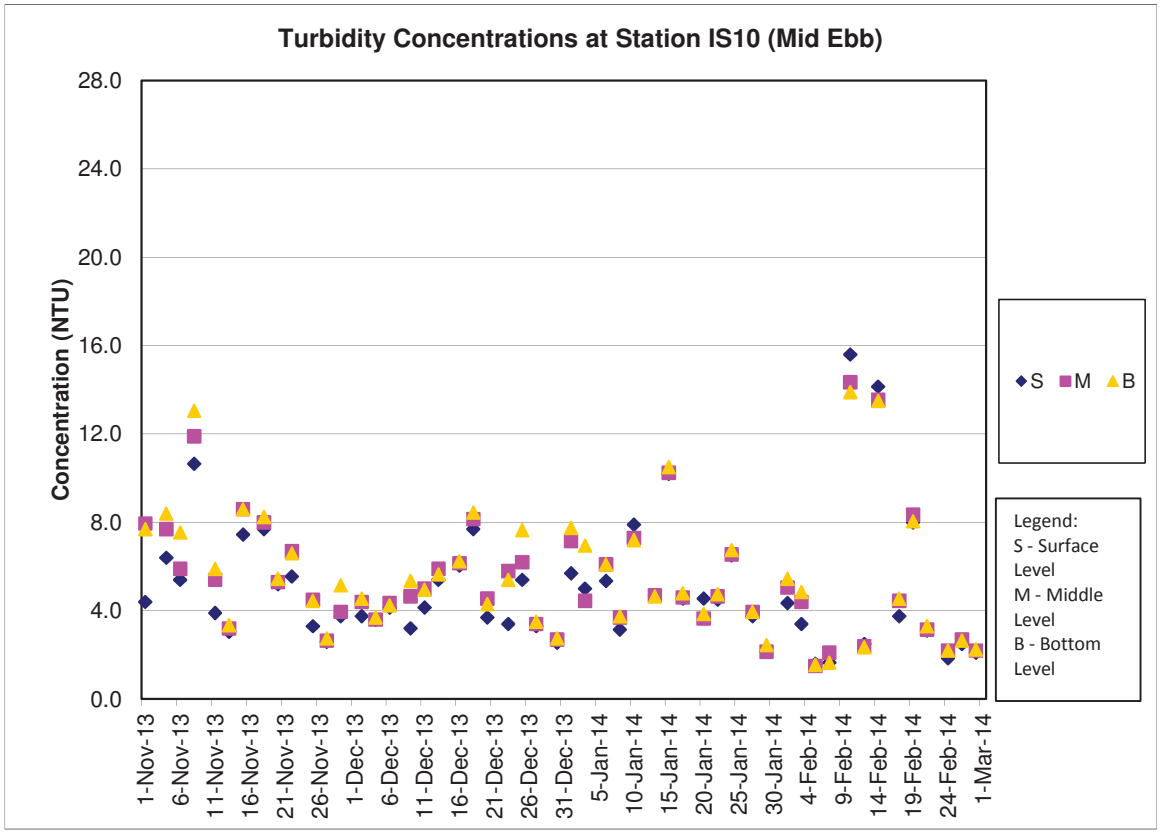

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14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


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


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


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


Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level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Concentration (NTU)
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24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
9-Feb-14
14-Feb-14
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24-Feb-14
1-Mar-14
S M B
Legend:
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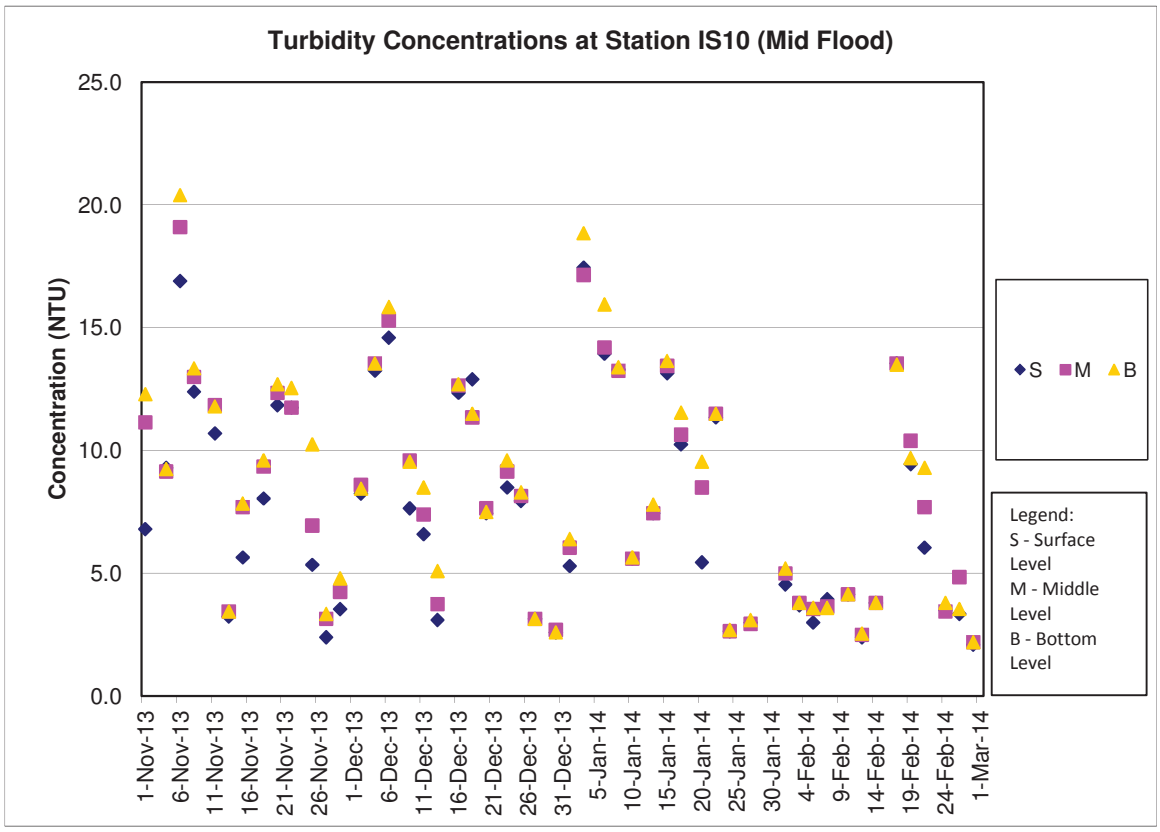
M - Middle Level
B - Bottom Level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Concentration (NTU)
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6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
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4-Feb-14
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14-Feb-14
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Legend:
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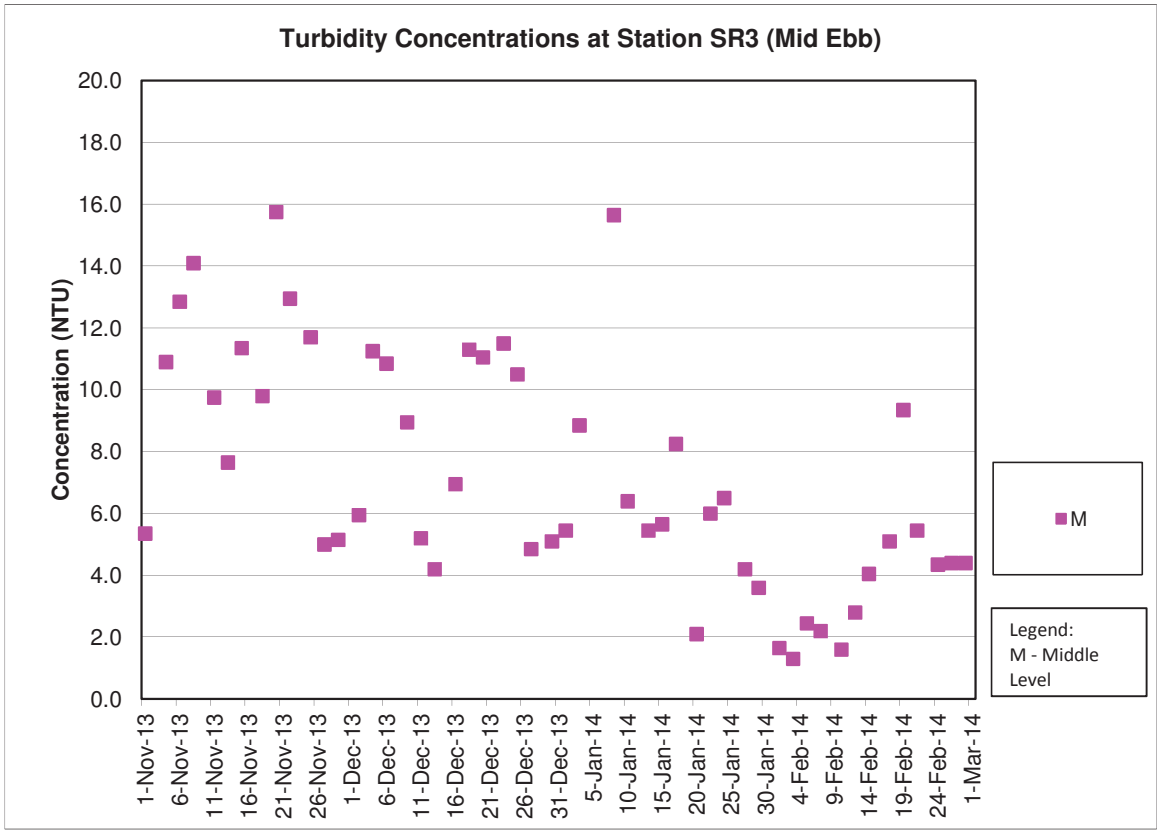
B - Bottom Level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Concentration (NTU)
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6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
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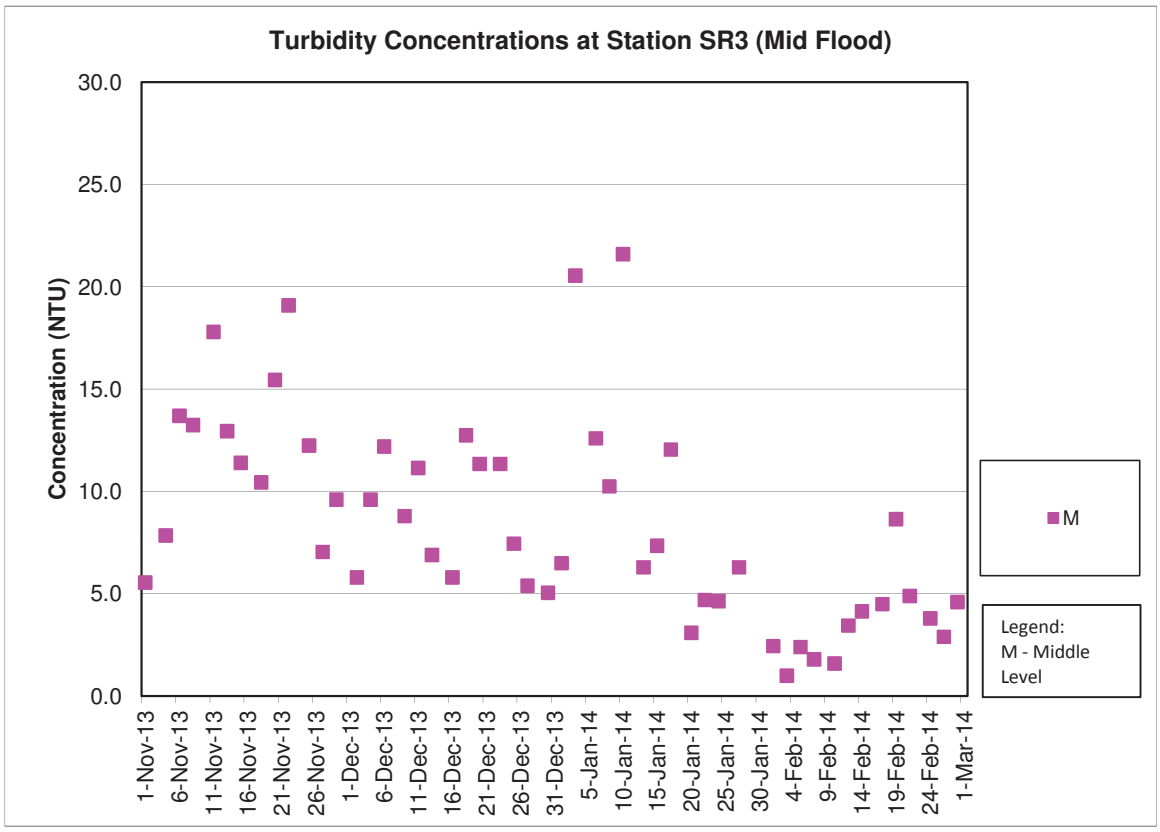
M - Middle
Level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Concentration (NTU)
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6-Dec-13
11-Dec-13
16-Dec-13
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26-Dec-13
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1-Mar-14
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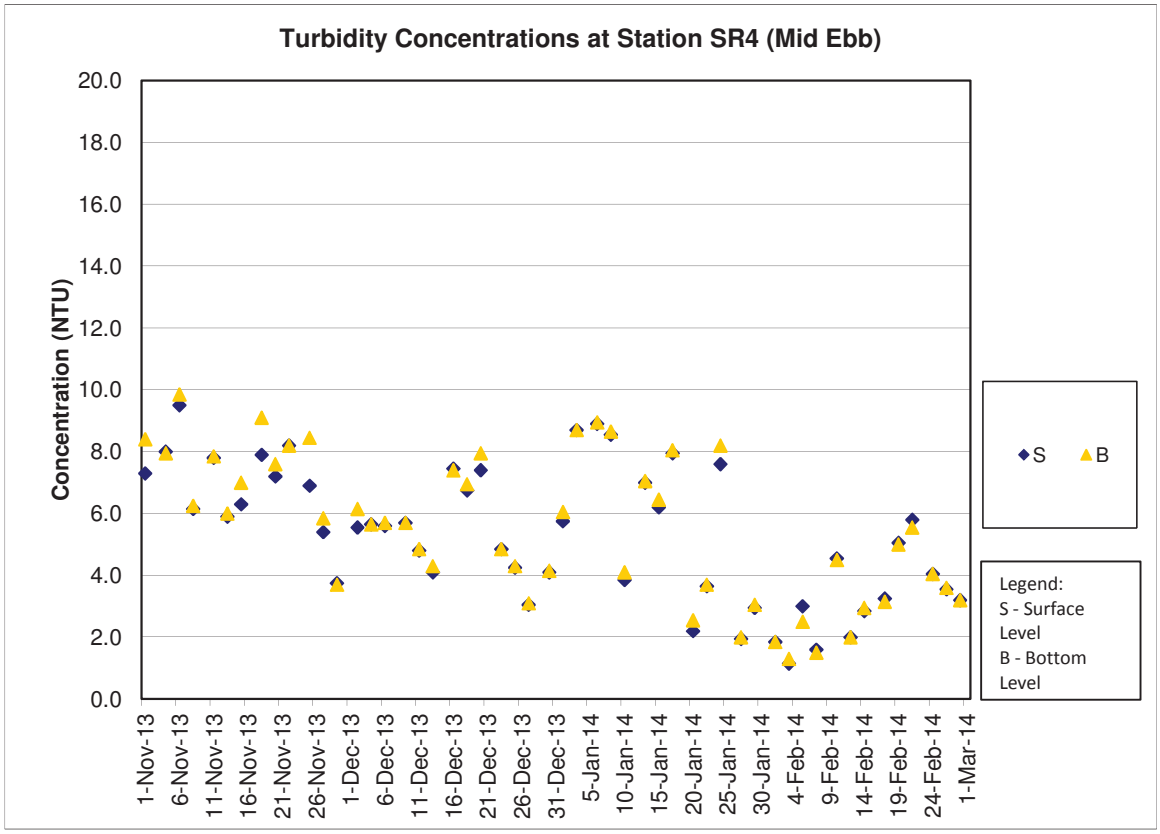
Level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6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
10-Jan-14
15-Jan-14
20-Jan-14
25-Jan-14
30-Jan-14
4-Feb-14
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24-Feb-14
1-Mar-14
S
B
Legend:
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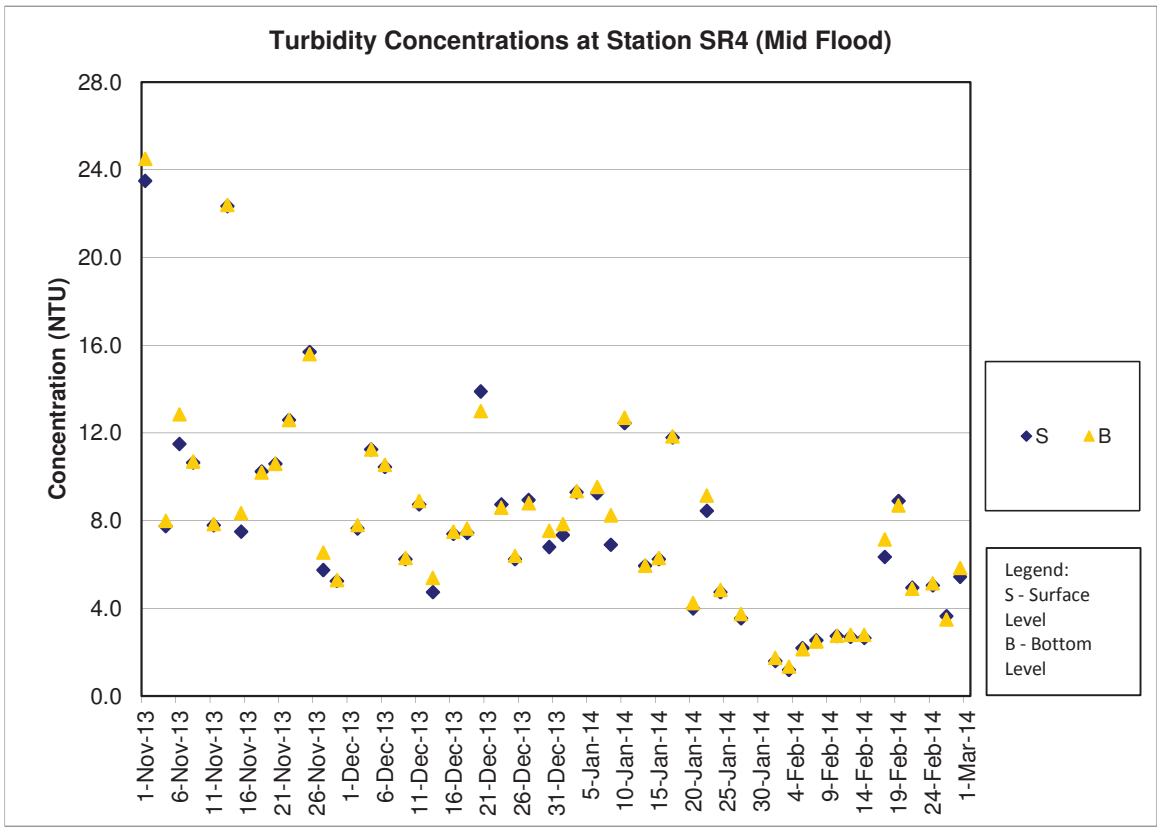
B - Bottom Level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Concentration (NTU)
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11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
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24-Feb-14
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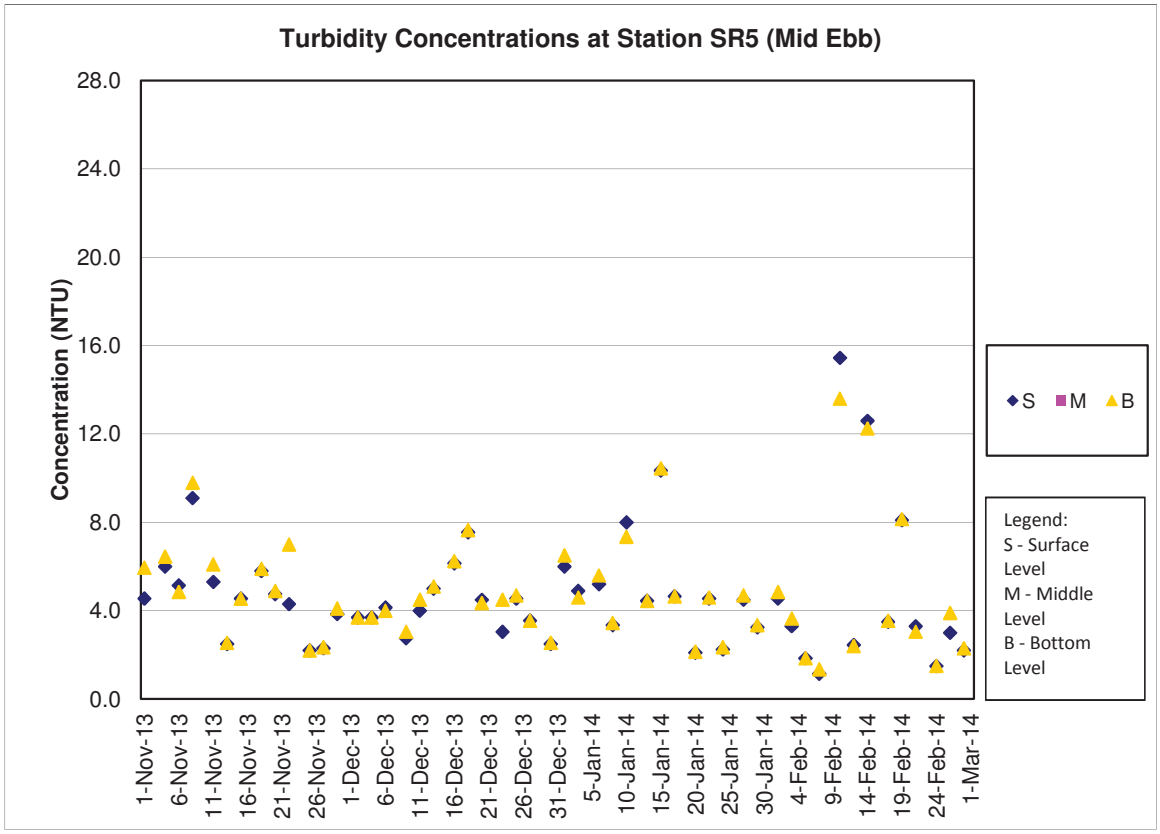
Legend:
S - Surface Level
B - Bottom Level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Concentration (NTU)
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11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
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20-Jan-14
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30-Jan-14
4-Feb-14
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24-Feb-14
1-Mar-14
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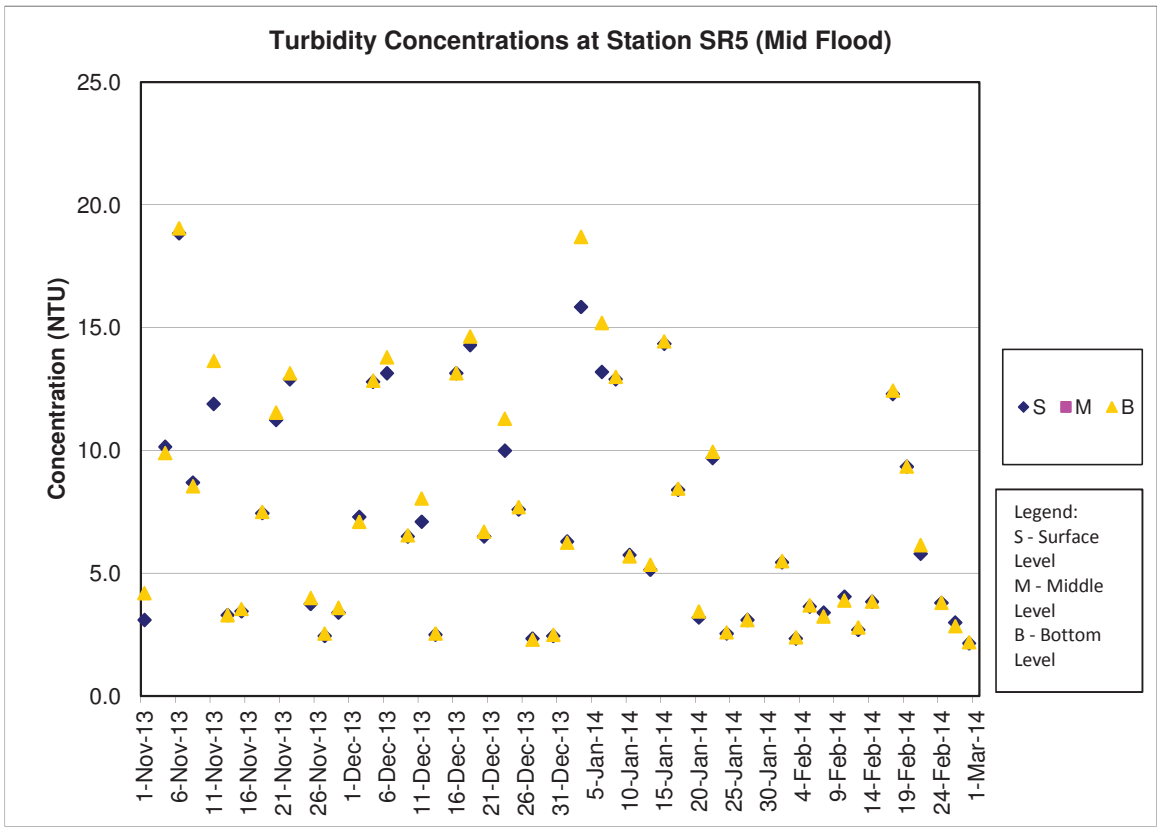
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level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Concentration (NTU)
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6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
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6-Dec-13
11-Dec-13
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4-Feb-14
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1-Mar-14
S M B
Legend:
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M - Middle Level
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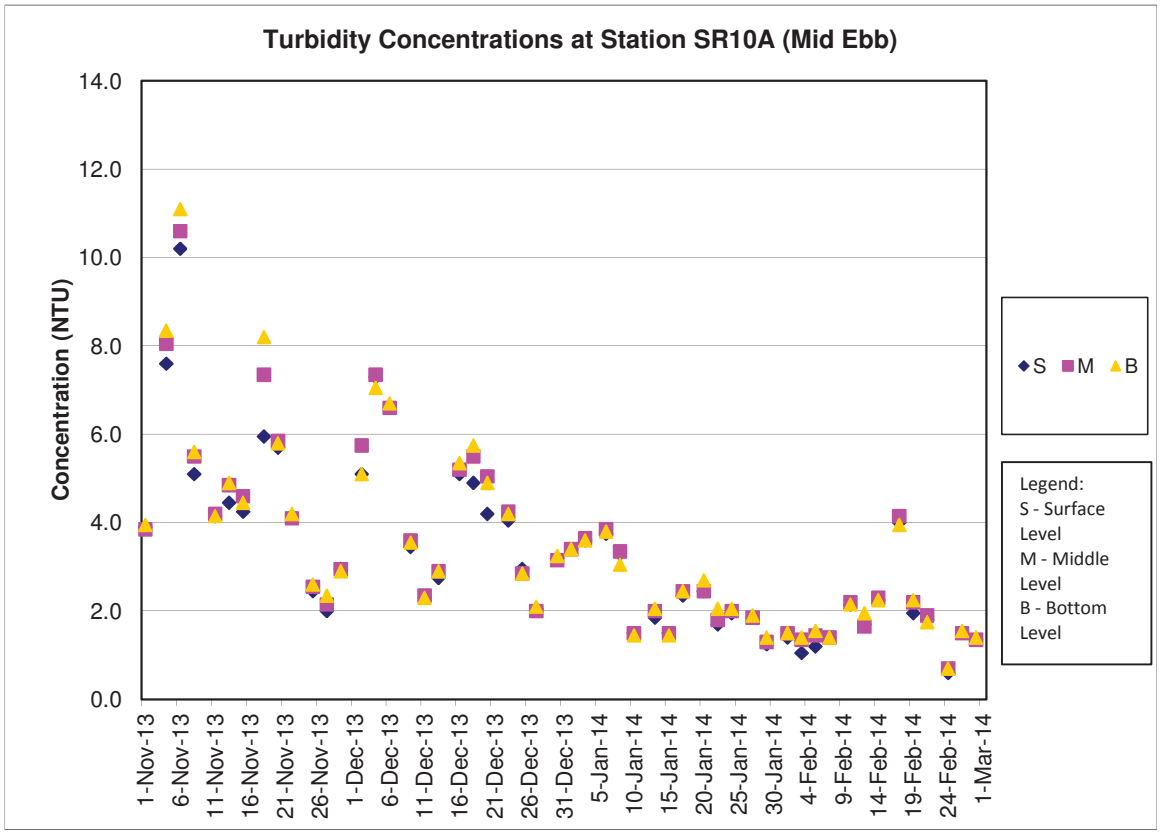
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Concentration (NTU)
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10.0
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6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
26-Dec-13
31-Dec-13
5-Jan-14
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1-Mar-14
S M B
Legend:
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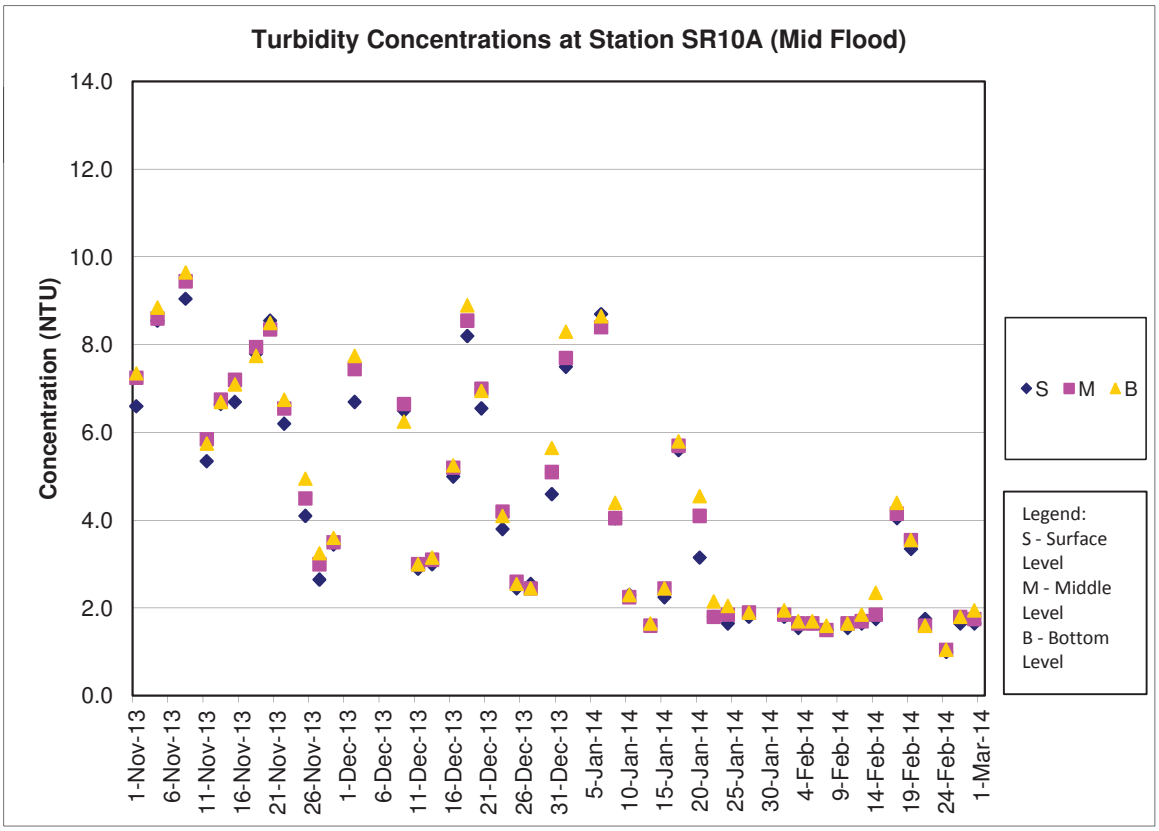
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
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4.0
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0.0
1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
21-Dec-13
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30-Jan-14
4-Feb-14
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1-Mar-14
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Legend:
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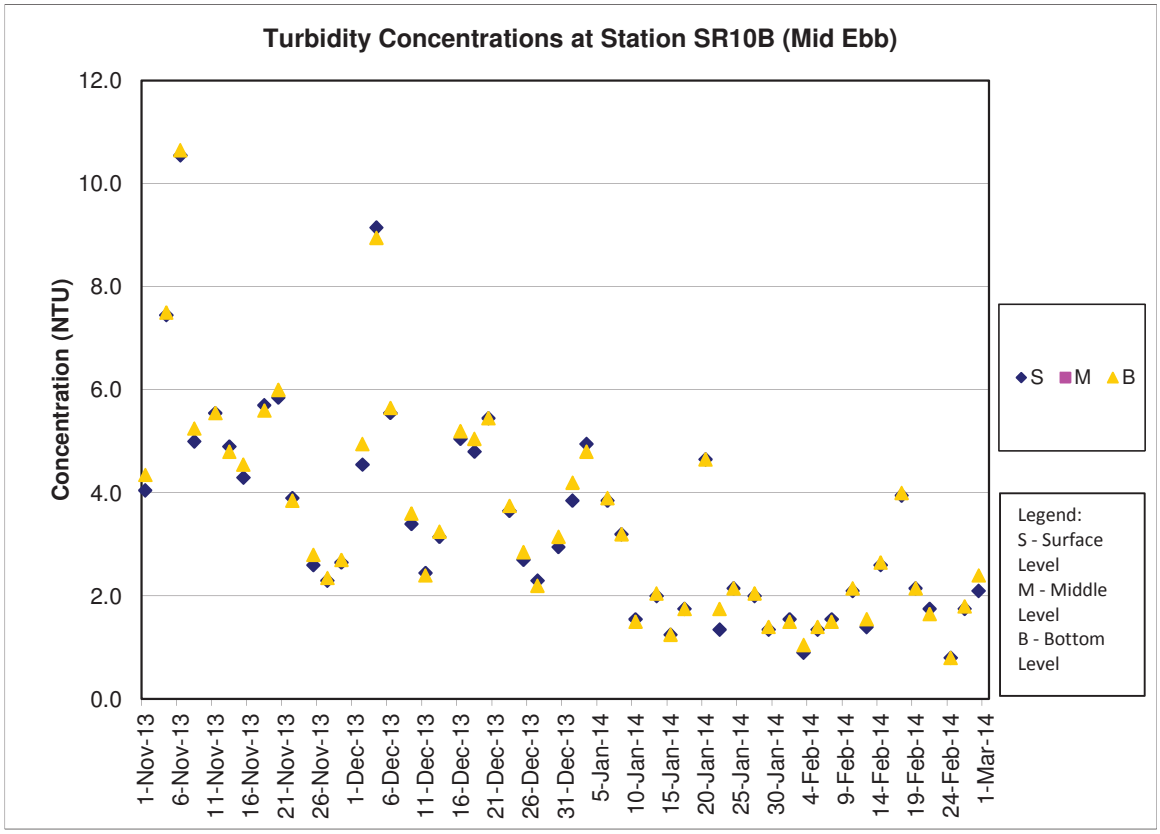
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
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8.0
6.0
4.0
2.0
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1-Nov-13
6-Nov-13
11-Nov-13
16-Nov-13
21-Nov-13
26-Nov-13
1-Dec-13
6-Dec-13
11-Dec-13
16-Dec-13
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26-Dec-13
31-Dec-13
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20-Jan-14
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4-Feb-14
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1-Mar-14
S M B
Legend:
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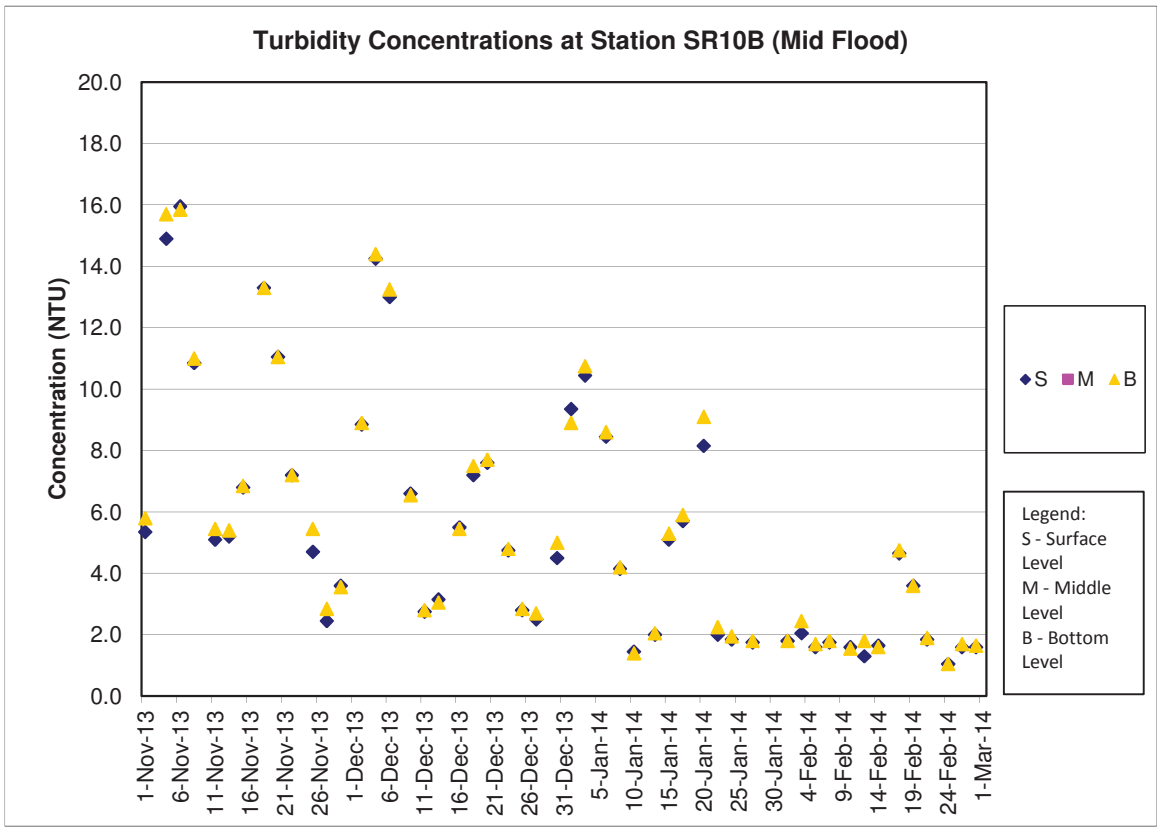
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Nov-13
6-Nov-13
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4-Feb-14
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14-Feb-14
19-Feb-14
24-Feb-14
1-Mar-14
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

Quarterly Progress Report (December 2013 – February 2014)
submitted to China State Construction Engineering (HK) Ltd.

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

31 March 2014

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 sixth 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 December 2013 to February 2014.

2. Monitoring Methodology

2.1. Vessel-based Line-transect Survey

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

Table 1. Co-ordinates of transect lines

Line No.		Easting	Northing		Line No.		Easting	Northing
1	Start Point	804671	814577		13	Start Point	816506	819480
1	End Point	804671	831404		13	End Point	816506	824859
2	Start Point	805475	815457		14	Start Point	817537	820220
2	End Point	805477	826654		14	End Point	817537	824613
3	Start Point	806464	819435		15	Start Point	818568	820735
3	End Point	806464	822911		15	End Point	818568	824433
4	Start Point	807518	819771		16	Start Point	819532	821420
4	End Point	807518	829230		16	End Point	819532	824209
5	Start Point	808504	820220		17	Start Point	820451	822125
5	End Point	808504	828602		17	End Point	820451	823671
6	Start Point	809490	820466		18	Start Point	821504	822371
6	End Point	809490	825352		18	End Point	821504	823761
7	Start Point	810499	820690		19	Start Point	822513	823268
7	End Point	810499	824613		19	End Point	822513	824321
8	Start Point	811508	820847		20	Start Point	823477	823402
8	End Point	811508	824254		20	End Point	823477	824613

9	Start Point	812516	820892		21	Start Point	805476	827081
9	End Point	812516	824254		21	End Point	805476	830562
10	Start Point	813525	820872		22	Start Point	806464	824033
10	End Point	813525	824657		22	End Point	806464	829598
11	Start Point	814556	818449		23	Start Point	814559	821739
11	End Point	814556	820992		23	End Point	814559	824768
12	Start Point	815542	818807					
12	End Point	815542	824882					

2.1.2. The survey team used standard line-transect methods (Buckland et al. 2001) to conduct the systematic vessel surveys, and followed the same technique of data collection that has been adopted over the last 16 years of marine mammal monitoring surveys in Hong Kong developed by HKCRP (see Hung 2013). For each monitoring vessel survey, a 15-m inboard vessel with an open upper deck (about 4.5 m above water surface) was used to make observations from the flying bridge area.

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

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

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

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

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

2.2. Photo-identification Work

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

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

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

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

2.2.5. All photographs of each individual were then compiled and arranged in chronological order, with data including the date and location first identified (initial sighting), re-sightings, associated dolphins, distinctive features, and age classes entered into a computer database.

2.3. Data analysis

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

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

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

Secondly, the encounter rates were calculated using both primary and secondary survey effort collected under Beaufort 3 or below condition as in AFCD long-term monitoring study. The encounter rate of sightings and dolphins were deduced by dividing the total number of on-effort sightings (STG) and total number of dolphins (ANI) by the amount of survey effort for the entire quarterly period (December 2013 – February 2014).

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 December 2013 to February 2014, 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 869.74 km of survey effort was collected, with 93.4% 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, 329.94 km and 539.80 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 640.77 km, while the effort on secondary lines was 228.97 km. The slightly reduced effort on primary line was mainly due to the second line in NEL survey area just to the east of HKBCF (i.e. line #11) being partially blocked by the silt curtain that surrounded the HKBCF reclamation site, and the research vessel were forced to travel around the edge of the expanded silt curtain for that section of the transect line rather than on a straight line. Both survey effort conducted on

primary and secondary lines were considered as on-effort survey data. Summary table of the survey effort is shown in Appendix I.

3.1.4. During the six sets of monitoring surveys in December 2013 to February 2014, a total of 38 groups of 147 Chinese White Dolphins were sighted. All except two sightings were made during on-effort search. Thirty-two on-effort sightings were made on primary lines, while four other on-effort sightings were made on secondary lines. In this quarterly period, only three groups of 16 dolphins were sighted in NEL (with only one group of three dolphins sighted on primary lines), while the other 35 groups of 131 dolphins were sighted in NWL. Summary table of the dolphin sightings is shown in Appendix II.

3.2. Distribution

3.2.1. Distribution of dolphin sightings made during monitoring surveys in December 2013 to February 2014 is shown in Figure 1. Similar to previous quarterly periods, the majority of dolphin sightings were made in the northwestern portion of the North Lantau region. Concentration of sightings were located within the Sha Chau and Lung Kwu Chau Marine Park, and to the west of Black Point (Figure 1). On the other hand, a few dolphin groups were sighted near Pillar Point, and near the Brothers Islands.

3.2.2. None of the dolphin groups were sighted in the vicinity of the HKLR03 or HKBCF reclamation site (Figure 1). Only one dolphin sighting was made near the HKLR09 alignment, while another sighting was made very close to the reclamation site of Tuen Mun-Chek Lap Kok Link (TMCLKL) northern landfall (Figure 1).

3.2.3. Sighting distribution of the present impact phase monitoring period (December 2013 – February 2014) was compared to the one in the baseline monitoring period (September to November 2011). During the present quarter, dolphins rarely occurred in NEL region, which was in stark contrast to their frequent occurrence around the Brothers Islands and in the vicinity of HKBCF reclamation site during the baseline period (Figure 1). On the other hand, dolphin occurrence in the northwestern portion of North Lantau region was largely similar between the baseline and impact phase quarters, but there appeared to be fewer dolphins occurred in the middle portion of North Lantau region where dolphins supposedly moved between their core areas around Lung Kwu Chau and the Brothers Islands (Figure 1).

3.2.4. As the baseline monitoring period was in autumn season while the present monitoring period was in winter season, a direct comparison in dolphin distribution between the two quarterly periods of winter months in 2012-13 and

2013-14 was also made to avoid the potential bias in seasonal variation. Between the two winter periods, there were still much fewer dolphins sighted in NEL waters as well as the middle portion of North Lantau waters during the winter months of 2013-14 than the winter months of 2012-13 (Figure 2). In fact, both HKLR03 and HKBCF have already commenced their works since the third and first quarters of 2013 respectively, implying that dolphin usage has further declined in the central and eastern portion of North Lantau waters in winter months of 2013-14 from the previous year.

3.3. Encounter rate

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

Table 2. Dolphin encounter rates (sightings per 100 km of survey effort) during December 2013 – February 2014

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 (5 & 9 Dec 2013)	2.68	8.05
	Set 2 (13 & 19 Dec 2013)	0.00	0.00
	Set 3 (7 & 9 Jan 2014)	0.00	0.00
	Set 4 (21 & 23 Jan 2014)	0.00	0.00
	Set 5 (6 & 12 Feb 2014)	0.00	0.00
	Set 6 (14 & 20 Feb 2014)	0.00	0.00
Northwest Lantau	Set 1 (5 & 9 Dec 2013)	6.95	30.57
	Set 2 (13 & 19 Dec 2013)	6.82	27.27
	Set 3 (7 & 9 Jan 2014)	10.00	39.99
	Set 4 (21 & 23 Jan 2014)	11.84	50.33
	Set 5 (6 & 12 Feb 2014)	7.44	17.86
	Set 6 (14 & 20 Feb 2014)	6.20	29.47

Table 3. Comparison of average dolphin encounter rates from impact monitoring period (December 2013 – February 2014) 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)

	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	December 2013 - February 2014	**September - November 2011**	**December 2013 - February 2014**	**September - November 2011**
Northeast Lantau	0.45 ± 1.10	6.00 ± 5.05	1.34 ± 3.29	22.19 ± 26.81
Northwest Lantau	8.21 ± 2.21	9.85 ± 5.85	32.58 ± 11.21	44.66 ± 29.85

3.3.2. To facilitate the comparison with the AFCD long-term monitoring results, the encounter rates were also calculated for the present quarter using both primary and secondary survey effort. The encounter rates of sightings (STG) and dolphins (ANI) in NWL were 7.00 sightings and 26.77 dolphins per 100 km of survey effort respectively, while the encounter rates of sightings (STG) and dolphins (ANI) in NEL were 0.61 sightings and 3.67 dolphins per 100 km of survey effort respectively.

3.3.3. In NEL, the average dolphin encounter rates (both STG and ANI) in the present three-month impact phase were only small fractions of the ones recorded in the 3-month baseline period (reductions of 92.5% and 94.0% respectively between the two periods; Table 3). Notably, dolphin occurrence in NEL in the past five quarters have also been exceptionally low when compared to the baseline period (Table 4), which has prompted the triggering of the Event and Action Plan. In fact, the present quarter was the fifth consecutive quarter being accessed that have triggered the Action Level under the Event and Action Plan.

3.3.4. On the other hand, the average dolphin encounter rates (STG and ANI) in NWL during the present impact phase monitoring period were slightly lower (reductions of 16.6% and 27.0% respectively) than the ones recorded in the 3-month baseline period, indicating a reduced dolphin usage of this survey area during the present construction period.

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)

	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	0.88 ± 1.36
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

3.3.5. 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).

3.3.6. For the comparison between the baseline period and the present quarter (sixth quarter of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0774 and 0.1671 respectively. If the alpha value is set at 0.1, significant difference was detected between the baseline and present quarters in the dolphin encounter rates of STG, but not in the encounter rates of ANI.

3.3.7. For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first six quarters of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0179 and 0.0092 respectively. If the alpha value is set at 0.1, significant differences were detected in both the average dolphin encounter rates of STG and ANI (i.e. between the two periods and the locations).

3.3.8. As indicated in both dolphin distribution patterns and encounter rates, dolphin usage has been significantly reduced in the NEL waters (especially around the Brothers Islands and Shum Shui Kok) in the present quarterly period, and such low occurrence has been consistently documented in previous quarters. This

raises serious concern as the decline in dolphin usage could possibly link to the HZMB-related construction activities in NEL waters, which include the 150 hectares of habitat loss due to HKBCF reclamation, 23 hectares of habitat loss due to HKLR03 reclamation, as well as the recently commenced TMCLKL construction that involves intensive bored piling activities for the southern viaduct and further reclamation of 16.5 hectares for the northern landfall.

3.3.9. To ensure the continuous usage of NEL waters by the dolphins, every possible measure should be implemented by the contractors and relevant authorities to minimize all disturbances to the dolphins, as a future marine park around the Brothers Islands will be established in this important dolphin habitat as a compensation measure for the habitat loss resulted from the HKBCF reclamation works. Unless such declining trend can be reverted after the establishment of the Brothers Islands Marine Park, there should be a presumption against further reclamation in North Lantau waters as suggested in Hung (2013).

3.4. Group size

3.4.1. Group size of Chinese White Dolphins ranged from 1-12 individuals per group in North Lantau region during December 2013 to February 2014. 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 5.

Table 5. Comparison of average dolphin group sizes from impact monitoring period (December 2013 – February 2014) and baseline monitoring period (September – November 2011)

	Average Dolphin Group Size	
	December 2013 – February 2014	**September – November 2011**
Overall	3.87 ± 2.84 (n = 38)	3.72 ± 3.13 (n = 66)
Northeast Lantau	5.33 ± 3.21 (n = 3)	3.18 ± 2.16 (n = 17)
Northwest Lantau	3.74 ± 2.82 (n = 35)	3.92 ± 3.40 (n = 49)

3.4.2. The average dolphin group sizes in the entire North Lantau region during December 2013 to February 2014 were slightly higher than the ones recorded in the three-month baseline period (Table 5). Although the average group size in NEL was quite high during the present monitoring period when compared to the baseline period, the sample size of the three dolphin groups in 2013 was actually very small for such comparison.

3.4.3. Distribution of dolphins with larger group sizes during the present quarter is shown in Figure 3, with comparison to the one in baseline period. In winter months of 2013-14, almost all larger dolphin groups were clustered at the northwestern portion of North Lantau near Sha Chau, Lung Kwu Chau and Black Point, with only one other larger dolphin group sighted near Siu Ho Wan in NEL (Figure 3). This distribution pattern is similar to the baseline period, except that a few more larger dolphin groups were sighted in NEL as well as around the airport platform during the baseline period. Notably, none of the larger dolphin groups were sighted near the HKLR03 reclamation site in the present monitoring period (Figure 3).

3.5. Habitat use

3.5.1. From December 2013 to February 2014, the most heavily utilized habitats by Chinese White Dolphins mainly concentrated around Lung Kwu Chau, to the west of Sha Chau and Black Point (Figures 4a and 4b). Only two grids in NEL recorded the presence of dolphins near Siu Ho Wan with moderately high dolphin densities. None of the grids near HKLR03/HKBCF reclamation sites, HKLR09 or TMCLKL alignment recorded the presence of dolphins during on-effort search in the present quarterly period.

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

3.5.3. When compared with the habitat use patterns during the baseline period, dolphin usage in NEL was noticeably much lower in the present impact monitoring period (Figure 5). During the baseline period, nine grids between Siu Mo To and Shum Shui Kok recorded moderately high to high dolphin densities, which was in stark contrast to the only two grids with dolphin presence during the present impact phase period (Figure 5). On the other hand, the density patterns between the baseline and impact phase monitoring periods were similar in NWL, except that dolphins were rarely present in the eastern portion of this region (Figure 5).

3.5.4. The absence of dolphins in the identified important habitats around the Brothers Islands and Shum Shui Kok in consecutive quarters in 2013-14 is of serious concern. The future Brothers Islands Marine Park will be established in this area upon the completion of HKBCF reclamation works, as an important

compensation measure for the associated habitat loss. It should be further examined whether the very low usage of dolphins would be related to the on-going HZMB-related construction works, and such diminished use would continue in this important dolphin habitat in the upcoming quarters.

3.6. Mother-calf pairs

3.6.1. During the three-month study period, a total of one unspotted calf (UC) and nine unspotted juveniles (UJ) were sighted in NEL and NWL survey areas. These young calves comprised 6.8% of all animals sighted, which was the same percentage recorded during the baseline monitoring period (6.8%), but slightly lower than the previous quarter.

3.6.2. All except one of these young calves were present within and adjacent to the Sha Chau and Lung Kwu Chau Marine Park (Figure 6), and all of them were sighted within larger dolphin groups with at least five individuals. Notably, only one UJ was sighted near Siu Ho Wan in NEL, and none of the young calves were sighted in the vicinity of the HKBCF/HKLR03 reclamation sites and HKLR09/TMCLKL alignments during the present quarter (Figure 6).

3.7. Activities and associations with fishing boats

3.7.1. A total of six dolphin sightings were associated with feeding and socializing activities during the three-month study period. The percentage of feeding activities comprised of 7.9% of the total number of dolphin sightings, which was lower than the one recorded during the baseline period (11.6%). On the contrary, the percentage of socializing activities during the present impact phase monitoring period (7.9%) was slightly higher than the one recorded during the baseline period (5.4%). Only one group of dolphins was engaged in traveling activity, and the rarity of this observed activity was similar to the baseline monitoring period and previous impact phase monitoring periods.

3.7.2. Distribution of dolphins engaged in different activities during the three-month study period is shown in Figure 7. No apparent concentration of sightings was found for feeding activity, but all three sightings associated with socializing activities were located in the waters between Black Point and Lung Kwu Chau (Figure 7).

3.7.3. During the three-month period, only one of the 38 dolphin groups was found to be associated with an operating hang trawler near the western border of Hong Kong. The extremely low level of fishing boat association in the present and previous quarters was consistently found, and was likely related to the recent trawl ban being implemented in 2013 in Hong Kong waters.

3.8. Summary of photo-identification works

3.8.1. From December 2013 to February 2014, over 3,000 digital photographs of Chinese White Dolphins were taken during the impact phase monitoring surveys for the photo-identification work.

3.8.2. In total, 44 individuals sighted 86 times altogether were identified (see summary table in Appendix III and photographs of identified individuals in Appendix IV). Only 13 of these 86 re-sightings were made in NEL, which involved nine different individuals. Notably, these were the same individuals that were repeatedly sighted before in NEL throughout the HKLR03 impact phase monitoring surveys as well as in the baseline monitoring period.

3.8.3. Most identified individuals were sighted only once or twice during the three-month period, with the exception of seven individuals being sighted thrice, and three individuals (EL01, NL136 and 139) being sighted four to five times. Two individuals, NL24 and NL48, were sighted six times on different survey days during the three-month period.

3.8.4. Notably, four of these 44 individuals (NL33, NL226, NL296 and WL179) were also sighted in West Lantau waters during the HKLR09 monitoring surveys during the same three-month period, showing their extensive movement between North and West Lantau regions.

3.8.5. Six well-recognized females were accompanied with their calves during their re-sightings. All of these mothers (NL33, NL93, NL98, NL123, NL202 and NL221) were frequently sighted with their calves throughout the HKLR03 impact phase monitoring period.

3.9. Individual range use

3.9.1. Ranging patterns of the 44 individuals identified during the three-month study period were determined by fixed kernel method, and are shown in Appendix V.

3.9.2. The majority of individuals sighted in this quarter were utilizing their range use in NWL, and only a few individuals had their range extended to NEL survey area, especially around the Brothers Islands (Appendix 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. For many individuals that previously utilized the Brothers Islands as their major core area of activities, they have apparently shifted their range use away from this important habitat (e.g. CH34, NL48, NL123), while others have greatly diminished their range use in NEL in the past quarters in 2013-14 (e.g. NL98, NL120, NL261), and further expanded their range use elsewhere in WL waters (e.g. NL33, NL226).

3.9.4. Such diminished or abandoned usage of NEL waters by a large number of individual dolphins coincided well with the noticeable decline in dolphin occurrence in NEL as discussed in Sections 3.2 and 3.3. This is of serious concern, as the Brothers Islands in NEL was once identified an important habitat for many year-round residents that focused their core area use there (Hung 2008, 2013). Therefore, the ranging pattern of individual dolphins should be continuously monitored around Lantau waters, and measures should be taken to ensure that dolphins will continue to move between NWL and NEL without any hindrance as a result of the HZMB-related construction works.

4. Conclusion

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

4.2. Although the 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, 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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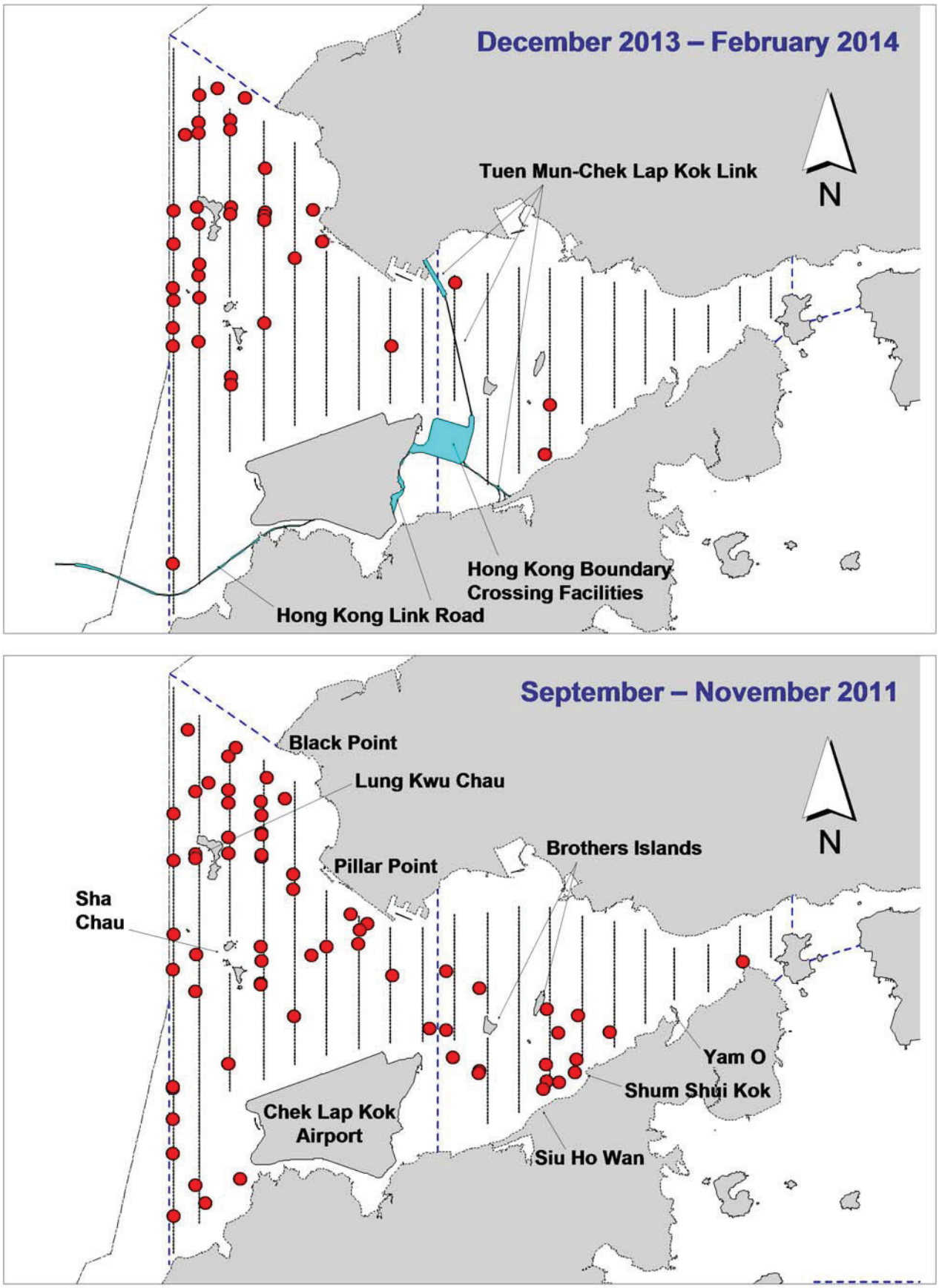


Figure 1. Distribution of Chinese white dolphin sighting in Northwest and Northeast Lantau during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

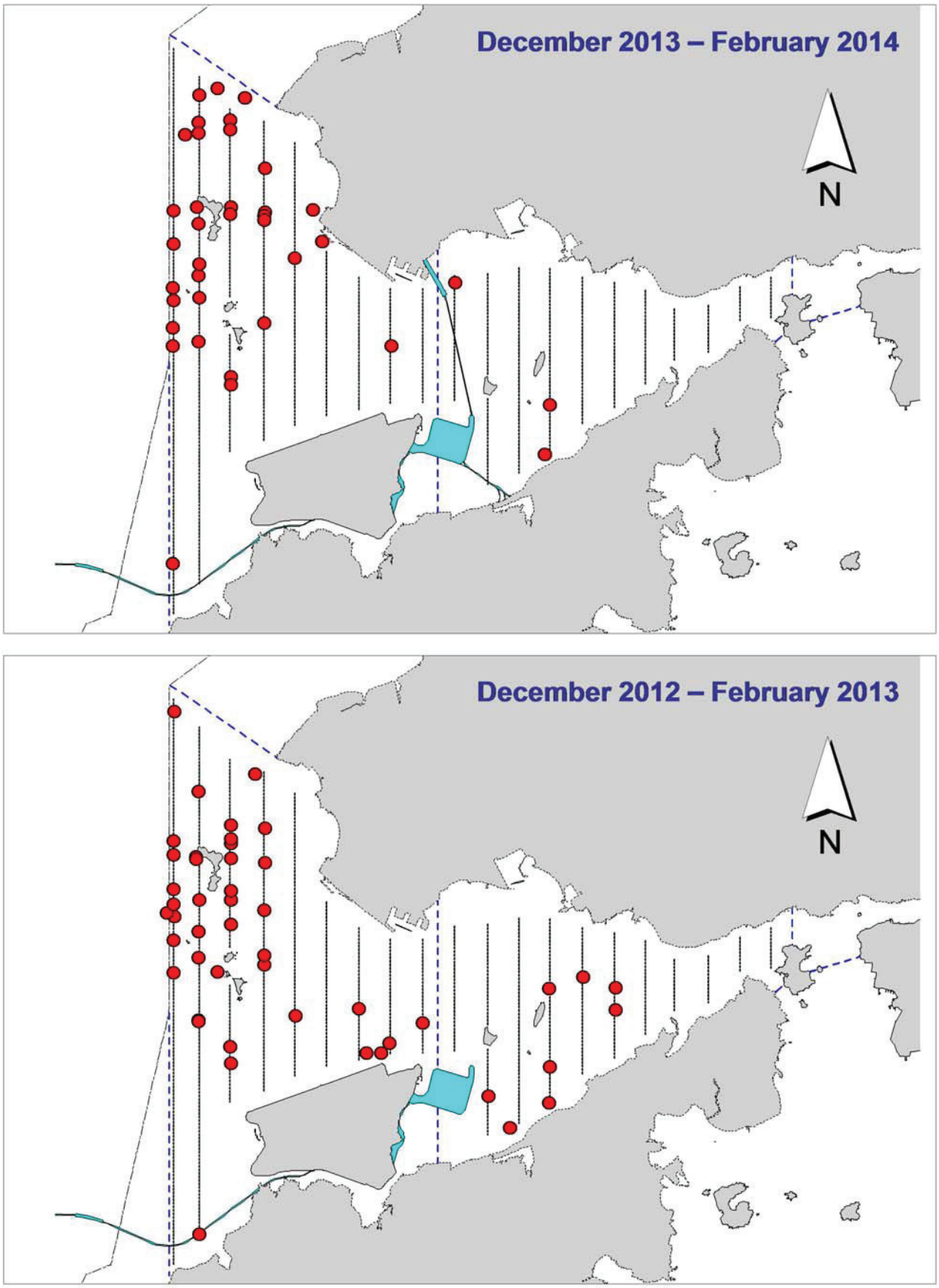


Figure 2. Distribution of Chinese white dolphin sighting in Northwest and Northeast Lantau during the same winter quarter of HKLR03 impact phase in 2013-14 (top) and 2012-13 (bottom)

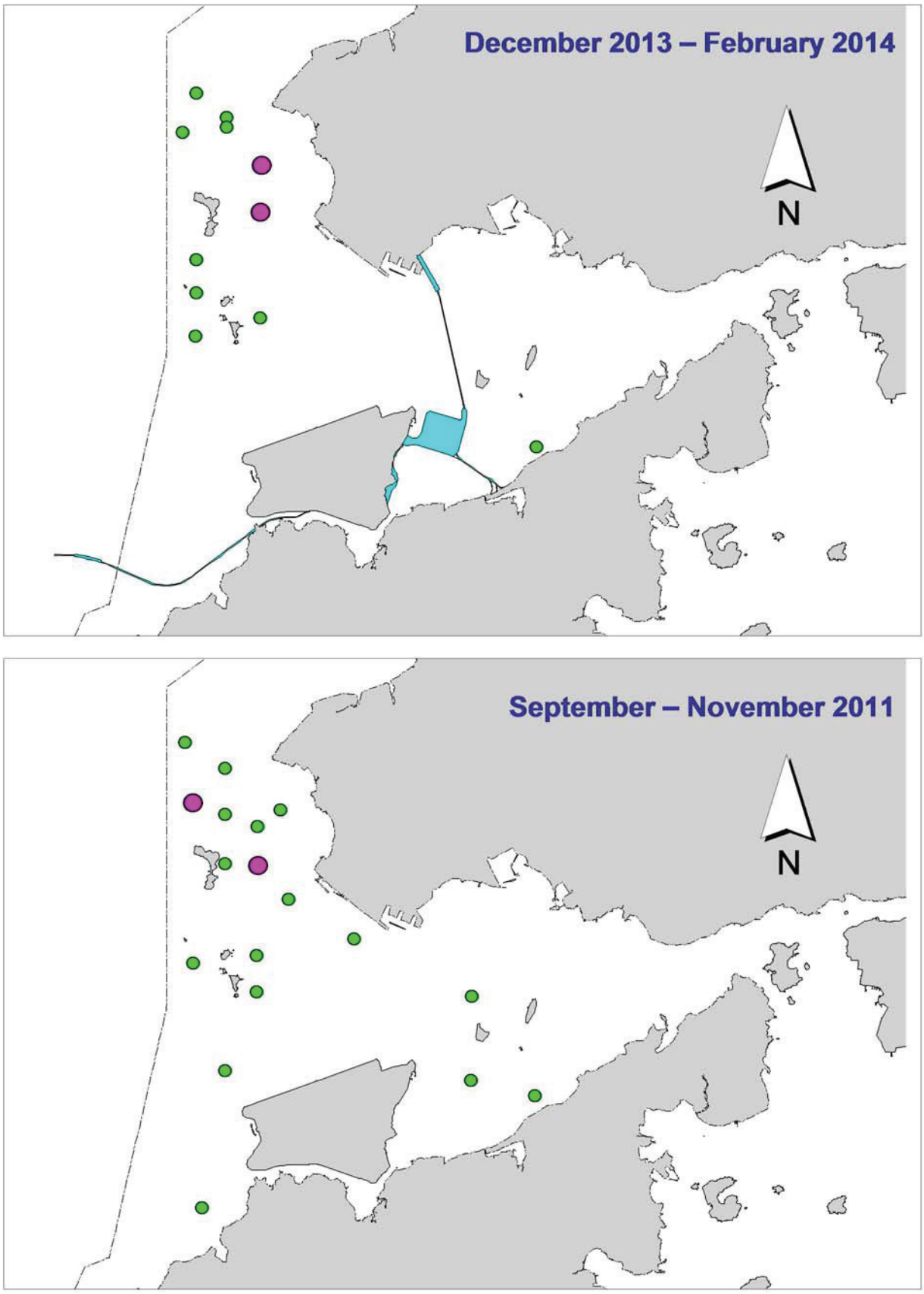


Figure 3. Distribution of Chinese white dolphins with larger group sizes during HKLR03 impact phase (top) and baseline monitoring surveys (bottom) (green dots: group sizes of 5 or more; purple dots: group sizes of 10 or more)

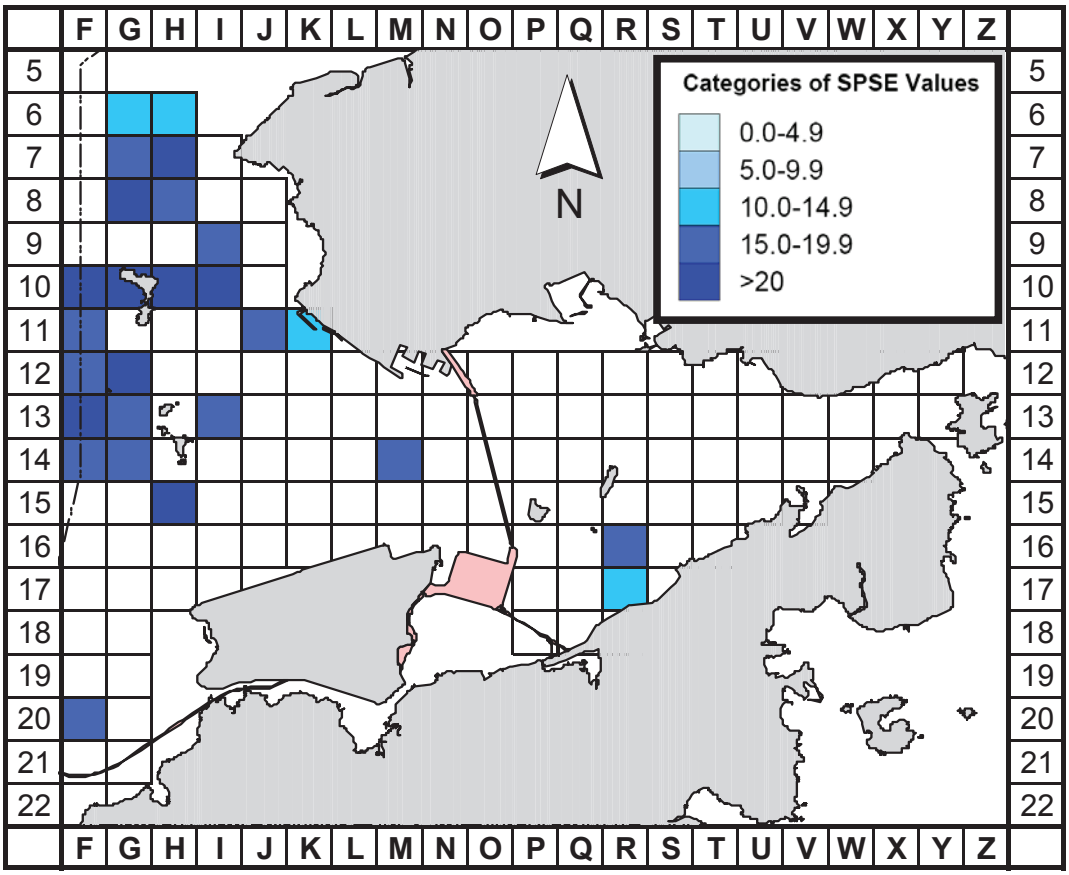


Figure 4a. Sighting density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period monitoring period (Dec 13-Feb 14) (SPSE = no. of on-effort sightings per 100 units of survey effort)

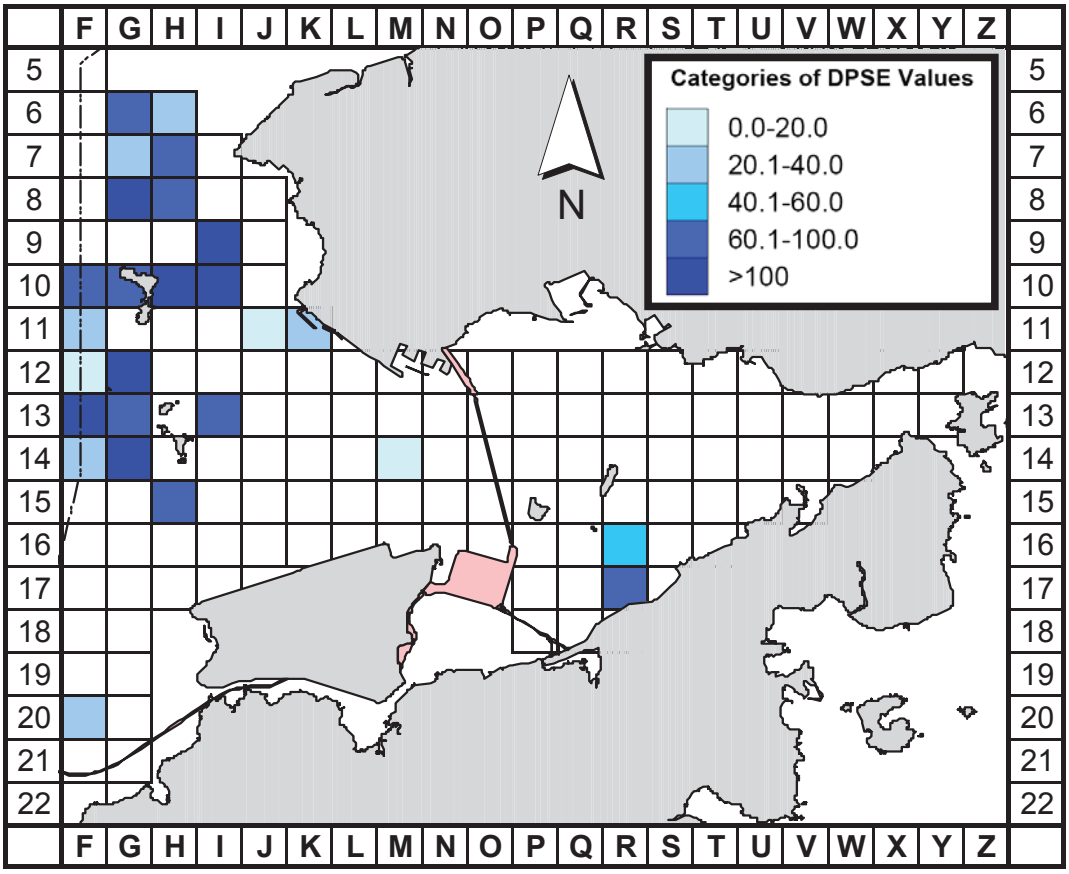


Figure 4b. Density of Chinese white dolphins with corrected survey effort per km^2 in Northeast and Northwest Lantau survey areas, using data collected during HKLR03 impact monitoring period (Dec 13-Feb 14) (DPSE = no. of dolphins per 100 units of survey effort)

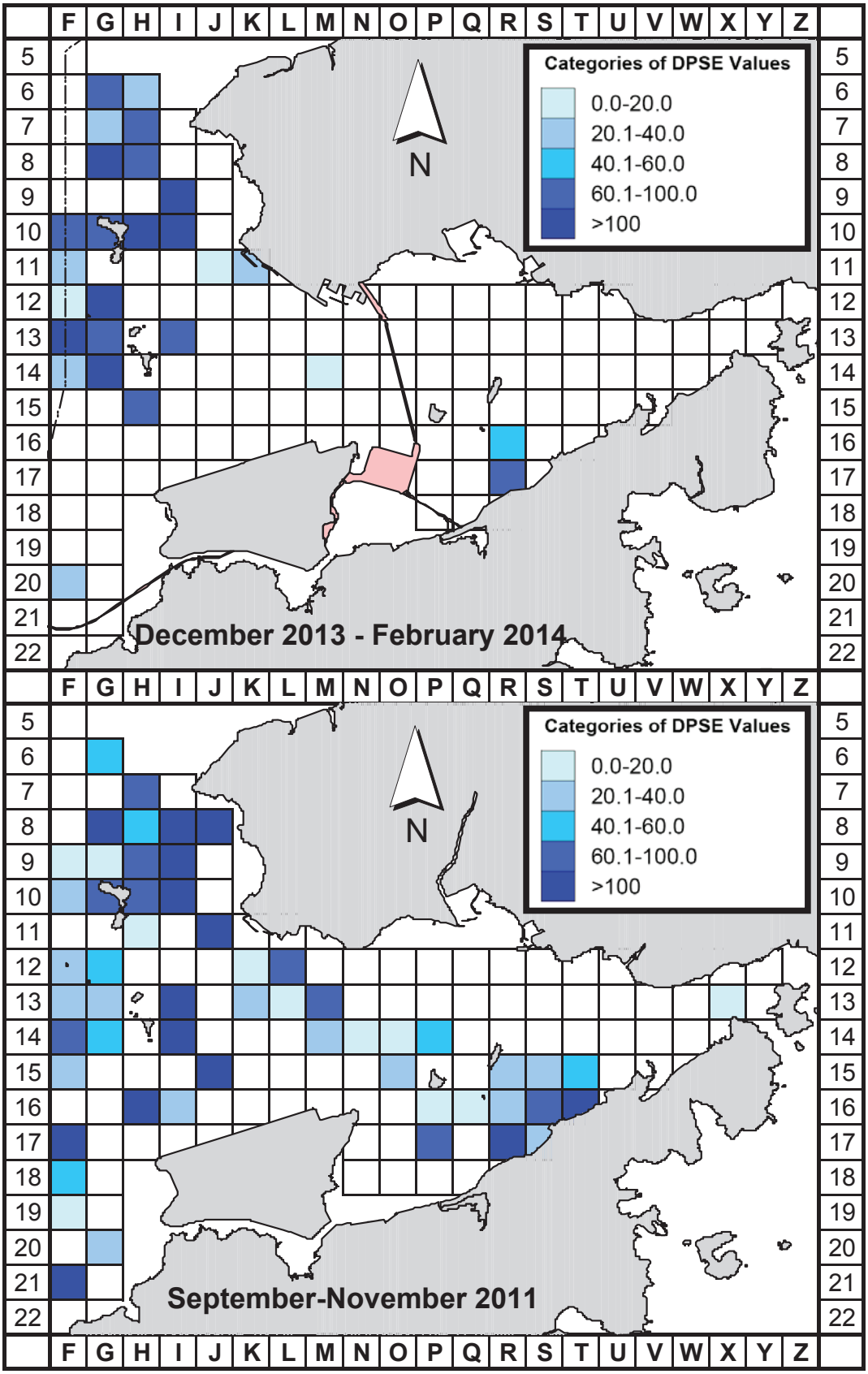


Figure 5. Comparison of density of Chinese white dolphins with corrected survey effort per km^2 in Northwest and Northeast Lantau survey area between the impact monitoring period (Dec 2013-Feb 2014) and baseline monitoring period (Sept-Nov 2011)
(DPSE = no. of dolphins per 100 units of survey effort)

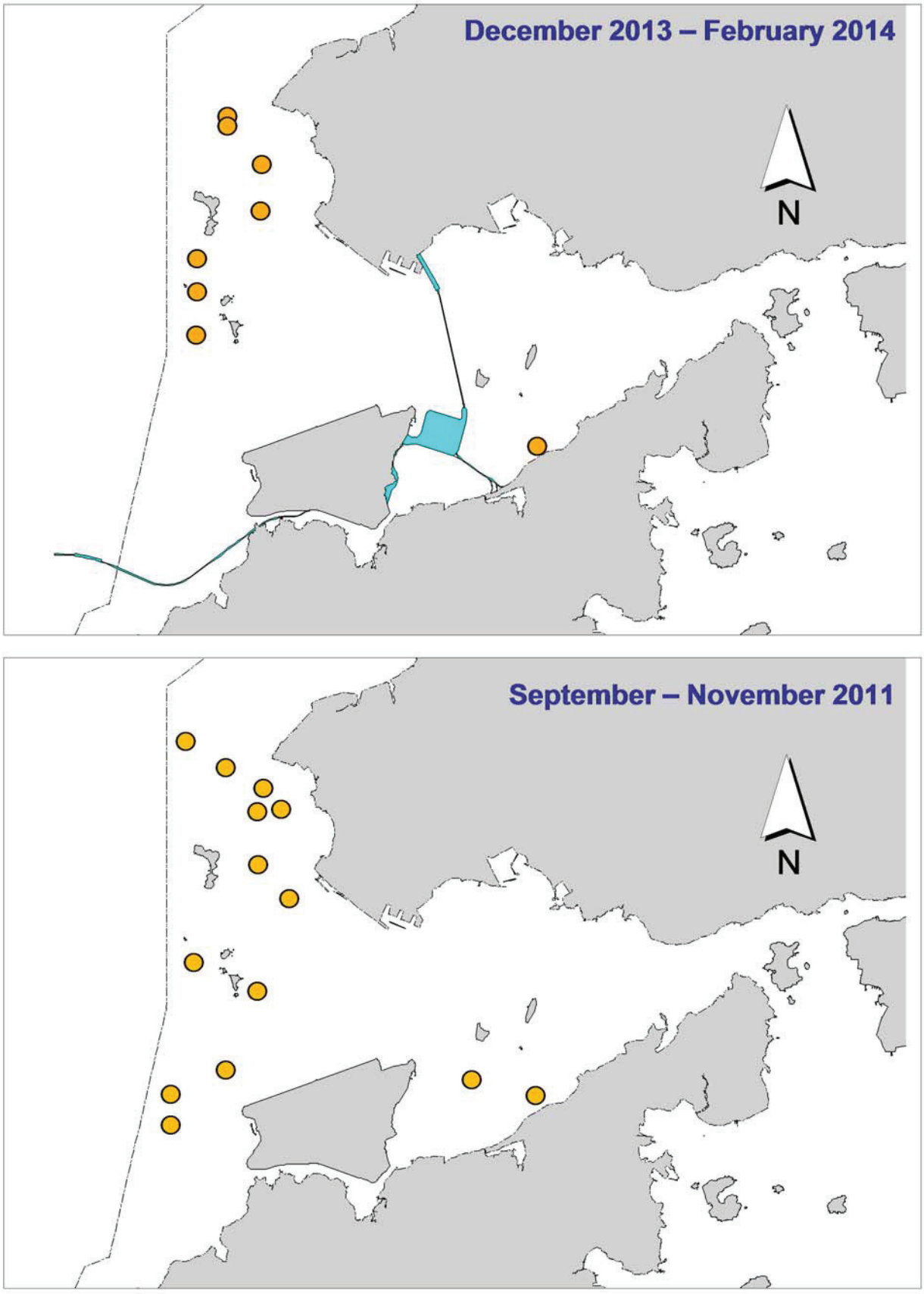


Figure 6. Distribution of young calves of Chinese white dolphins during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

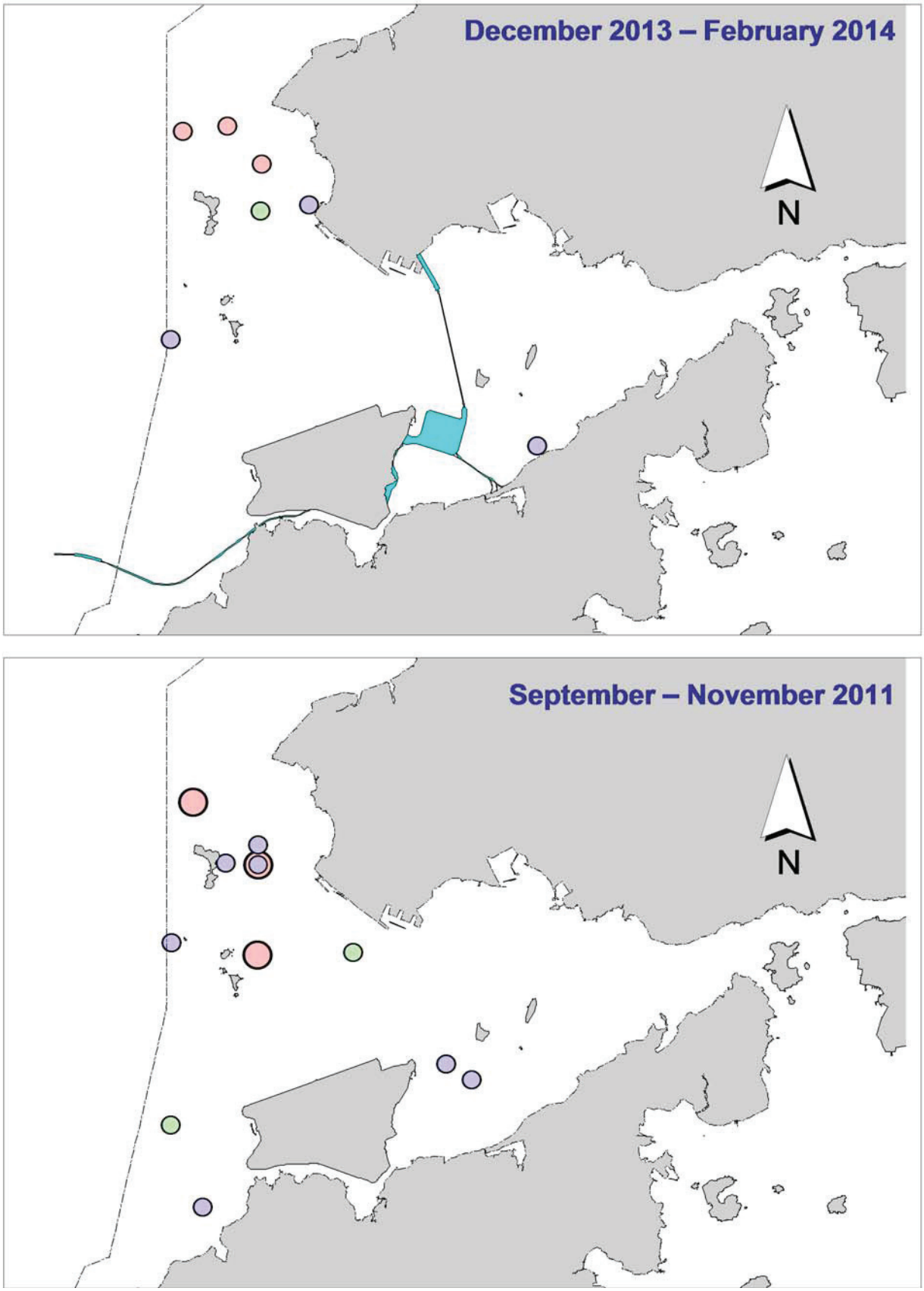


Figure 7. Distribution of Chinese white dolphins engaged in feeding (purple dots), socializing (pink dots) and traveling (green dots) activities during HKLR03 impact phase (top) and baseline monitoring surveys (bottom)

Annex I. HKLR03 Survey Effort Database (December 2013 - February 2014)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
5-Dec-13	NE LANTAU	1	21.06	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NE LANTAU	2	16.22	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NE LANTAU	1	6.64	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NE LANTAU	2	5.18	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NW LANTAU	2	11.53	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NW LANTAU	3	3.89	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NW LANTAU	2	3.87	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NW LANTAU	3	2.51	WINTER	STANDARD31516	HKLR	S
9-Dec-13	NW LANTAU	2	19.03	WINTER	STANDARD31516	HKLR	P
9-Dec-13	NW LANTAU	3	37.52	WINTER	STANDARD31516	HKLR	P
9-Dec-13	NW LANTAU	2	5.22	WINTER	STANDARD31516	HKLR	S
9-Dec-13	NW LANTAU	3	6.78	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NE LANTAU	1	4.50	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NE LANTAU	2	31.16	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NE LANTAU	1	3.90	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NE LANTAU	2	9.44	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NW LANTAU	2	8.88	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NW LANTAU	3	6.40	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NW LANTAU	2	4.12	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	3	14.06	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	4	36.79	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	5	6.10	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	3	8.79	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	4	2.91	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	5	0.90	WINTER	STANDARD31516	HKLR	S
7-Jan-14	NE LANTAU	2	1.09	WINTER	STANDARD31516	HKLR	P
7-Jan-14	NE LANTAU	3	14.05	WINTER	STANDARD31516	HKLR	P
7-Jan-14	NE LANTAU	4	1.01	WINTER	STANDARD31516	HKLR	P
7-Jan-14	NE LANTAU	2	3.39	WINTER	STANDARD31516	HKLR	S
7-Jan-14	NE LANTAU	3	7.60	WINTER	STANDARD31516	HKLR	S
7-Jan-14	NW LANTAU	2	9.81	WINTER	STANDARD31516	HKLR	P
7-Jan-14	NW LANTAU	3	28.88	WINTER	STANDARD31516	HKLR	P
7-Jan-14	NW LANTAU	2	8.13	WINTER	STANDARD31516	HKLR	S
7-Jan-14	NW LANTAU	3	3.43	WINTER	STANDARD31516	HKLR	S
9-Jan-14	NE LANTAU	1	4.79	WINTER	STANDARD31516	HKLR	P
9-Jan-14	NE LANTAU	2	14.76	WINTER	STANDARD31516	HKLR	P
9-Jan-14	NE LANTAU	1	2.30	WINTER	STANDARD31516	HKLR	S
9-Jan-14	NE LANTAU	2	8.28	WINTER	STANDARD31516	HKLR	S
9-Jan-14	NW LANTAU	2	10.13	WINTER	STANDARD31516	HKLR	P
9-Jan-14	NW LANTAU	3	21.20	WINTER	STANDARD31516	HKLR	P
9-Jan-14	NW LANTAU	2	5.02	WINTER	STANDARD31516	HKLR	S
9-Jan-14	NW LANTAU	3	2.06	WINTER	STANDARD31516	HKLR	S
21-Jan-14	NE LANTAU	2	4.00	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NE LANTAU	3	15.27	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NE LANTAU	4	1.50	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NE LANTAU	3	10.76	WINTER	STANDARD 31516	HKLR	S
21-Jan-14	NE LANTAU	4	0.40	WINTER	STANDARD 31516	HKLR	S
21-Jan-14	NW LANTAU	2	13.76	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NW LANTAU	3	14.44	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NW LANTAU	4	1.29	WINTER	STANDARD 31516	HKLR	P
21-Jan-14	NW LANTAU	2	4.95	WINTER	STANDARD 31516	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
21-Jan-14	NW LANTAU	3	3.95	WINTER	STANDARD 31516	HKLR	S
23-Jan-14	NW LANTAU	1	4.93	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NW LANTAU	2	29.22	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NW LANTAU	3	5.21	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NW LANTAU	1	2.20	WINTER	STANDARD31516	HKLR	S
23-Jan-14	NW LANTAU	2	10.18	WINTER	STANDARD31516	HKLR	S
23-Jan-14	NE LANTAU	1	1.41	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NE LANTAU	2	12.52	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NE LANTAU	3	2.59	WINTER	STANDARD31516	HKLR	P
23-Jan-14	NE LANTAU	1	0.47	WINTER	STANDARD31516	HKLR	S
23-Jan-14	NE LANTAU	2	9.53	WINTER	STANDARD31516	HKLR	S
6-Feb-14	NW LANTAU	1	1.68	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NW LANTAU	2	35.03	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NW LANTAU	3	2.90	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NW LANTAU	2	11.99	WINTER	STANDARD 31516	HKLR	S
6-Feb-14	NW LANTAU	3	1.20	WINTER	STANDARD 31516	HKLR	S
6-Feb-14	NE LANTAU	1	5.59	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NE LANTAU	2	8.66	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NE LANTAU	3	2.60	WINTER	STANDARD 31516	HKLR	P
6-Feb-14	NE LANTAU	1	4.45	WINTER	STANDARD 31516	HKLR	S
6-Feb-14	NE LANTAU	2	6.50	WINTER	STANDARD 31516	HKLR	S
12-Feb-14	NE LANTAU	2	13.78	WINTER	STANDARD 31516	HKLR	P
12-Feb-14	NE LANTAU	3	5.91	WINTER	STANDARD 31516	HKLR	P
12-Feb-14	NE LANTAU	1	2.02	WINTER	STANDARD 31516	HKLR	S
12-Feb-14	NE LANTAU	2	5.36	WINTER	STANDARD 31516	HKLR	S
12-Feb-14	NE LANTAU	3	3.53	WINTER	STANDARD 31516	HKLR	S
12-Feb-14	NW LANTAU	2	11.72	WINTER	STANDARD 31516	HKLR	P
12-Feb-14	NW LANTAU	3	15.87	WINTER	STANDARD 31516	HKLR	P
12-Feb-14	NW LANTAU	2	3.67	WINTER	STANDARD 31516	HKLR	S
12-Feb-14	NW LANTAU	3	7.72	WINTER	STANDARD 31516	HKLR	S
14-Feb-14	NE LANTAU	2	11.72	WINTER	STANDARD 31516	HKLR	P
14-Feb-14	NE LANTAU	3	5.58	WINTER	STANDARD 31516	HKLR	P
14-Feb-14	NE LANTAU	2	7.68	WINTER	STANDARD 31516	HKLR	S
14-Feb-14	NE LANTAU	3	2.72	WINTER	STANDARD 31516	HKLR	S
14-Feb-14	NW LANTAU	2	17.02	WINTER	STANDARD 31516	HKLR	P
14-Feb-14	NW LANTAU	3	24.77	WINTER	STANDARD 31516	HKLR	P
14-Feb-14	NW LANTAU	2	9.82	WINTER	STANDARD 31516	HKLR	S
14-Feb-14	NW LANTAU	3	2.18	WINTER	STANDARD 31516	HKLR	S
20-Feb-14	NW LANTAU	3	22.68	WINTER	STANDARD 31516	HKLR	P
20-Feb-14	NW LANTAU	4	6.16	WINTER	STANDARD 31516	HKLR	P
20-Feb-14	NW LANTAU	3	7.31	WINTER	STANDARD 31516	HKLR	S
20-Feb-14	NE LANTAU	2	17.92	WINTER	STANDARD 31516	HKLR	P
20-Feb-14	NE LANTAU	3	2.19	WINTER	STANDARD 31516	HKLR	P
20-Feb-14	NE LANTAU	1	0.97	WINTER	STANDARD 31516	HKLR	S
20-Feb-14	NE LANTAU	2	8.94	WINTER	STANDARD 31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (December 2013 - February 2014)

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

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
5-Dec-13	1	1127	3	NE LANTAU	1	275	ON	HKLR	820787	816500	WINTER	NONE	P
9-Dec-13	1	1119	1	NW LANTAU	3	77	ON	HKLR	822544	811516	WINTER	NONE	P
9-Dec-13	2	1238	4	NW LANTAU	2	132	ON	HKLR	826515	807547	WINTER	NONE	P
9-Dec-13	3	1256	12	NW LANTAU	2	103	ON	HKLR	827833	807540	WINTER	NONE	P
9-Dec-13	4	1518	4	NW LANTAU	3	177	ON	HKLR	823088	804646	WINTER	NONE	P
9-Dec-13	5	1539	1	NW LANTAU	2	866	ON	HKLR	826577	804664	WINTER	NONE	P
19-Dec-13	1	1203	2	NW LANTAU	3	73	ON	HKLR	824648	805453	WINTER	NONE	P
19-Dec-13	2	1216	6	NW LANTAU	3	150	ON	HKLR	823972	805483	WINTER	NONE	P
7-Jan-14	1	1258	2	NW LANTAU	3	87	ON	HKLR	825659	809348	WINTER	NONE	S
7-Jan-14	2	1337	1	NW LANTAU	3	125	ON	HKLR	825152	808472	WINTER	NONE	P
7-Jan-14	3	1452	3	NW LANTAU	2	1171	ON	HKLR	826673	806456	WINTER	NONE	P
7-Jan-14	4	1515	6	NW LANTAU	2	5	ON	HKLR	829275	806451	WINTER	NONE	P
9-Jan-14	1	1336	6	NW LANTAU	3	24	ON	HKLR	823238	807510	WINTER	NONE	P
9-Jan-14	2	1407	10	NW LANATU	2	62	ON	HKLR	826405	807506	WINTER	NONE	P
9-Jan-14	3	1435	1	NW LANTAU	3	56	ON	HKLR	826272	807526	WINTER	NONE	P
9-Jan-14	4	1534	3	NW LANTAU	2	131	ON	HKLR	826675	805395	WINTER	NONE	S
9-Jan-14	5	1546	1	NW LANTAU	2	113	ON	HKLR	826176	805446	WINTER	NONE	P
21-Jan-14	1	1407	2	NW LANTAU	2	99	ON	HKLR	829916	806916	WINTER	NONE	S
21-Jan-14	2	1426	7	NW LANTAU	2	260	ON	HKLR	830008	805474	WINTER	NONE	P
21-Jan-14	3	1444	2	NW LANTAU	2	84	ON	HKLR	829188	805452	WINTER	NONE	P
21-Jan-14	4	1521	9	NW LANTAU	2	434	ON	HKLR	824969	805464	WINTER	NONE	P
23-Jan-14	1	1015	2	NW LANTAU	2	977	ON	HKLR	816090	804642	WINTER	NONE	P
23-Jan-14	2	1101	4	NW LANTAU	2	329	ON	HKLR	826576	804674	WINTER	NONE	P
23-Jan-14	3	1133	3	NW LANTAU	1	957	ON	HKLR	830195	806061	WINTER	NONE	P
23-Jan-14	4	1202	5	NW LANTAU	1	199	ON	HKLR	828976	806450	WINTER	NONE	P
23-Jan-14	5	1250	2	NW LANTAU	2	372	ON	HKLR	821623	806467	WINTER	NONE	P
23-Jan-14	6	1538	9	NE LANTAU	2	365	ON	HKLR	819337	816344	WINTER	NONE	S
6-Feb-14	1	1040	2	NW LANTAU	2	895	ON	HKLR	822535	804645	WINTER	HANG	P
6-Feb-14	2	1049	4	NW LANTAU	2	515	ON	HKLR	823908	804658	WINTER	NONE	P
6-Feb-14	3	1109	2	NW LANTAU	2	422	ON	HKLR	825591	804672	WINTER	NONE	P
6-Feb-14	4	1204	3	NW LANTAU	1	888	ON	HKLR	826473	806445	WINTER	NONE	P
6-Feb-14	5	1428	4	NE LANTAU	2	ND	OFF	HKLR	824423	813528	WINTER	NONE	

Annex II. (cont'd)

(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
12-Feb-14	1	1449	1	NW LANTAU	2	290	ON	HKLR	828878	805462	WINTER	NONE	P
14-Feb-14	1	1237	1	NW LANTAU	2	ND	OFF	HKLR	826601	809051	WINTER	NONE	
14-Feb-14	2	1348	4	NW LANTAU	3	133	ON	HKLR	821401	806466	WINTER	NONE	P
14-Feb-14	3	1525	1	NW LANTAU	3	112	ON	HKLR	824262	804649	WINTER	NONE	P
20-Feb-14	1	1046	7	NW LANTAU	3	72	ON	HKLR	822688	805449	WINTER	NONE	P
20-Feb-14	2	1135	7	NW LANTAU	3	648	ON	HKLR	828813	805029	WINTER	NONE	P

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in December 2013 - February 2014

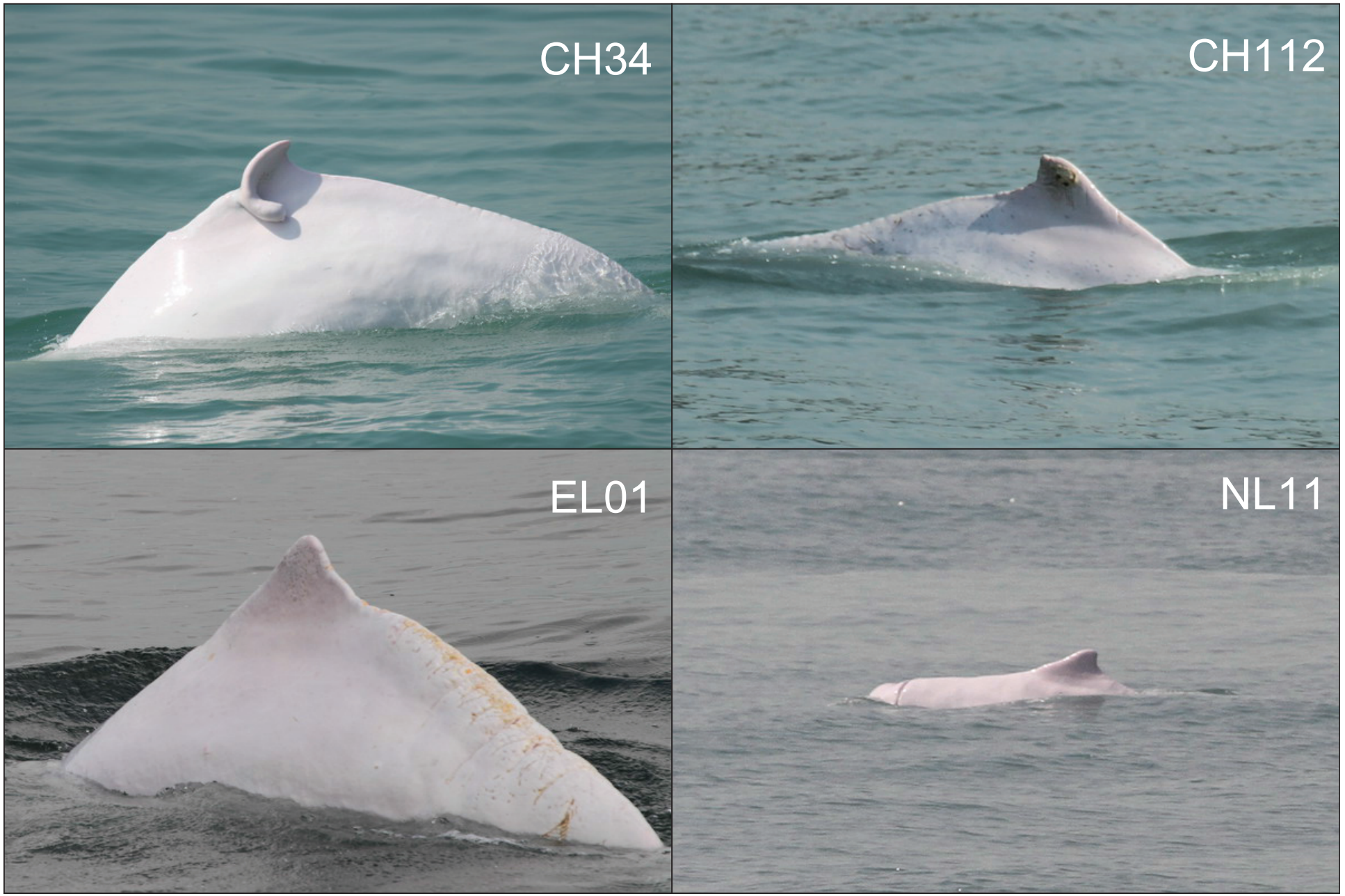
ID#	DATE	STG#	AREA
CH34	09/12/13	3	NW LANTAU
	23/01/14	4	NW LANTAU
	20/02/14	1	NW LANTAU
CH112	23/01/14	2	NW LANTAU
EL01	05/12/13	1	NE LANTAU
	21/01/14	1	NW LANTAU
	23/01/14	6	NE LANTAU
	06/02/14	5	NE LANTAU
NL11	23/01/14	3	NW LANTAU
NL24	05/12/13	1	NE LANTAU
	09/12/13	4	NW LANTAU
	19/12/13	2	NW LANTAU
	09/01/14	2	NW LANTAU
	23/01/14	6	NE LANTAU
	20/02/14	1	NW LANTAU
NL33	09/01/14	2	NW LANTAU
	23/01/14	6	NE LANTAU
NL46	23/01/14	4	NW LANTAU
NL48	09/12/13	3	NW LANTAU
	07/01/14	4	NW LANTAU
	09/01/14	2	NW LANTAU
	09/01/14	3	NW LANTAU
	21/01/14	1	NW LANTAU
	23/01/14	3	NW LANTAU
NL49	09/12/13	3	NW LANTAU
NL80	21/01/14	2	NW LANTAU
NL93	20/02/14	2	NW LANTAU
NL98	19/12/13	2	NW LANTAU
	09/01/14	2	NW LANTAU
	20/02/14	1	NW LANTAU
NL103	07/01/14	4	NW LANTAU
NL104	09/12/13	3	NW LANTAU
	23/01/14	4	NW LANTAU
NL120	09/01/14	2	NW LANTAU
	23/01/14	6	NE LANTAU
	06/02/14	5	NE LANTAU
NL123	23/01/14	2	NW LANTAU
	23/01/14	5	NW LANTAU

ID#	DATE	STG#	AREA
NL136	09/12/13	2	NW LANTAU
	07/01/14	1	NW LANTAU
	09/01/14	1	NW LANTAU
	20/02/14	2	NW LANTAU
NL139	09/12/13	2	NW LANTAU
	07/01/14	1	NW LANTAU
	09/01/14	1	NW LANTAU
	23/01/14	6	NE LANTAU
	20/02/14	1	NW LANTAU
NL165	09/12/13	3	NW LANTAU
	20/02/14	1	NW LANTAU
NL202	06/02/14	3	NW LANTAU
NL210	14/02/14	1	NW LANTAU
NL214	07/01/14	4	NW LANTAU
	21/01/14	4	NW LANTAU
NL220	09/01/14	1	NW LANTAU
NL221	07/01/14	4	NW LANTAU
	21/01/14	4	NW LANTAU
NL224	21/01/14	3	NW LANTAU
NL226	05/12/13	1	NE LANTAU
	21/01/14	4	NW LANTAU
NL236	21/01/14	3	NW LANTAU
NL242	19/12/13	2	NW LANTAU
	09/01/14	2	NW LANTAU
	23/01/14	6	NE LANTAU
NL244	09/12/13	1	NW LANTAU
NL259	23/01/14	4	NW LANTAU
	20/02/14	2	NW LANTAU
NL260	20/02/14	2	NW LANTAU
NL261	09/12/13	3	NW LANTAU
	23/01/14	4	NW LANTAU
	06/02/14	5	NE LANTAU
NL262	09/12/13	3	NW LANTAU
NL272	09/01/14	1	NW LANTAU
	21/01/14	2	NW LANTAU
	23/01/14	6	NE LANTAU
NL284	09/12/13	3	NW LANTAU
	21/01/14	4	NW LANTAU
	20/02/14	1	NW LANTAU
NL285	23/01/14	2	NW LANTAU

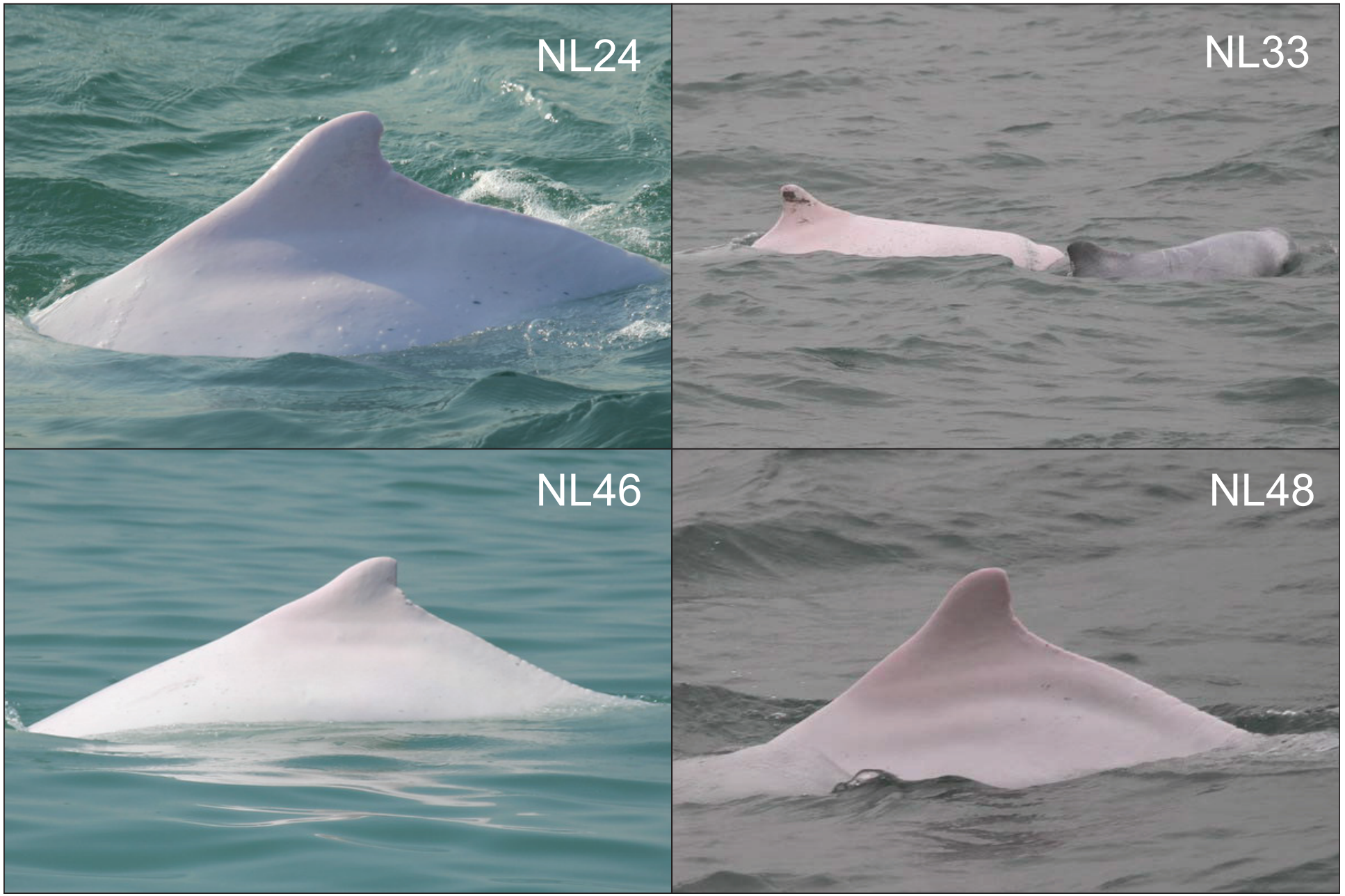
Annex III. (cont'd)

ID#	DATE	STG#	AREA
NL286	06/02/14	3	NW LANTAU
NL296	20/02/14	2	NW LANTAU
NL308	21/01/14	2	NW LANTAU
WL04	09/12/13	2	NW LANTAU
WL05	09/12/13	3	NW LANTAU
WL46	09/12/13	3	NW LANTAU
WL179	09/12/13	4	NW LANTAU
WL214	09/01/14	4	NW LANTAU

Annex IV. Forty-four individual dolphins that were identified during December 2013 – February 2014 under HKLR03 impact phase monitoring surveys

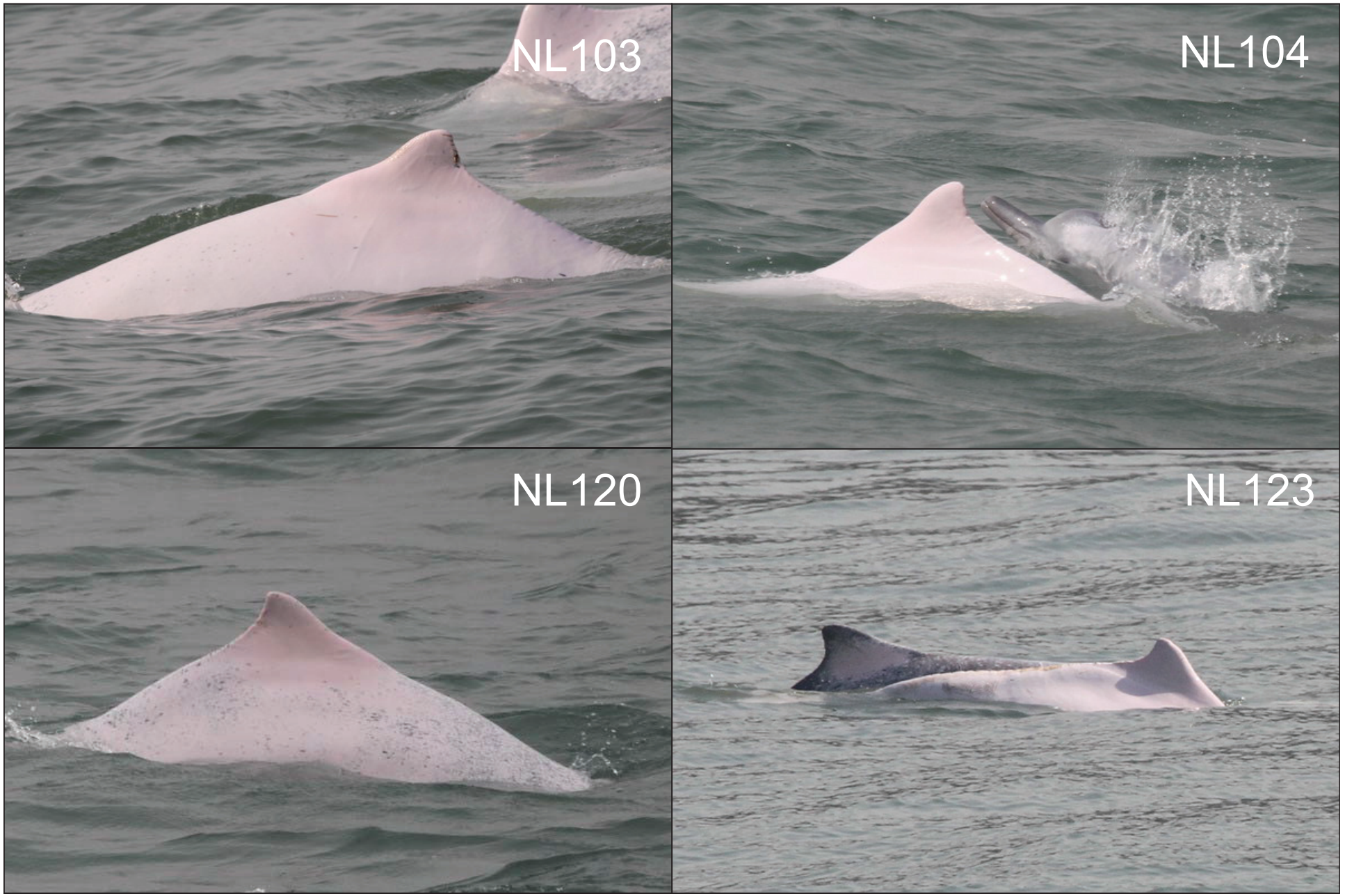


Annex IV. (cont'd)



Annex IV. (cont'd)

Annex IV. (cont'd)



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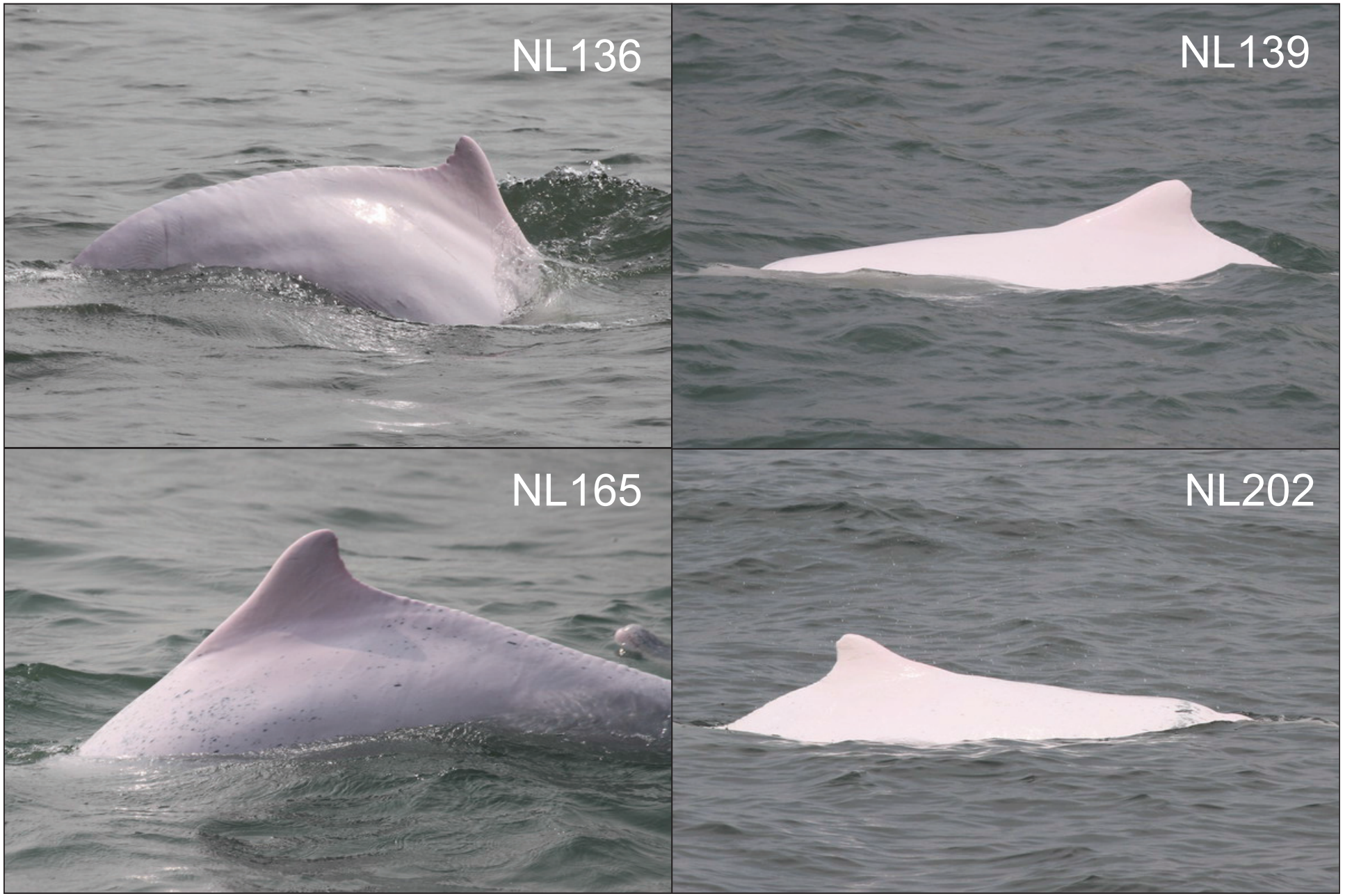
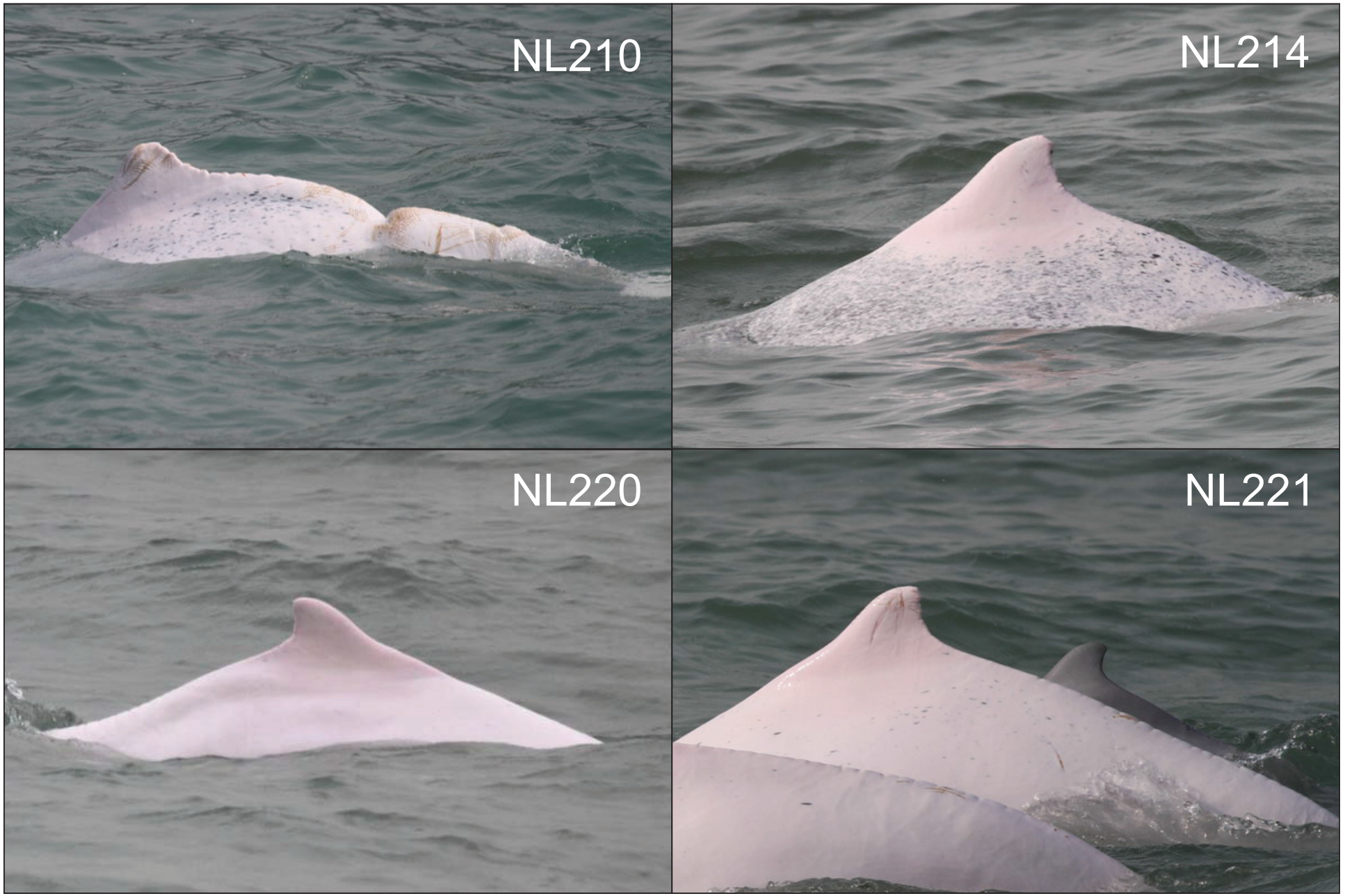
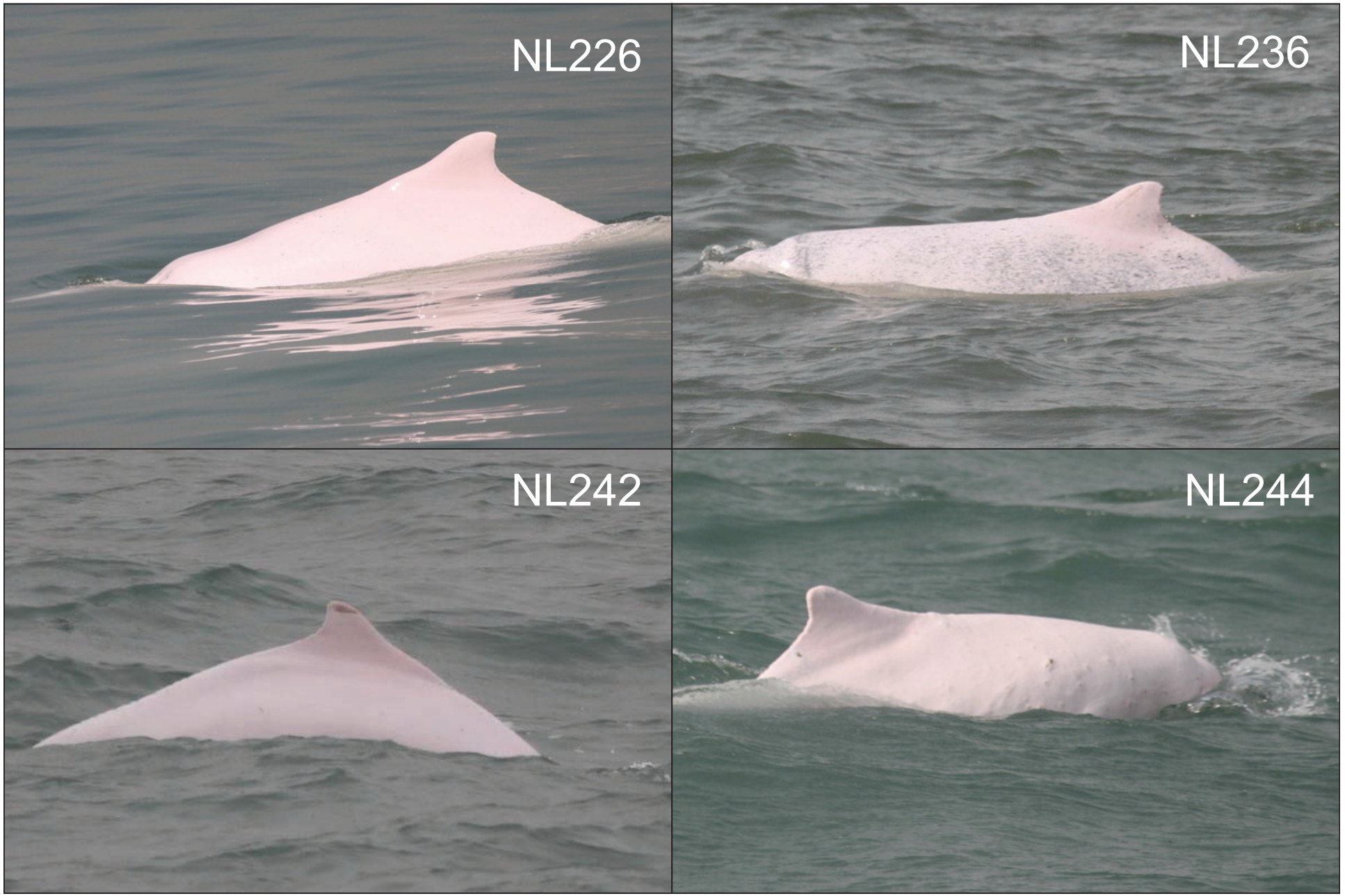


Annex IV. (cont'd)



Annex IV. (cont'd)

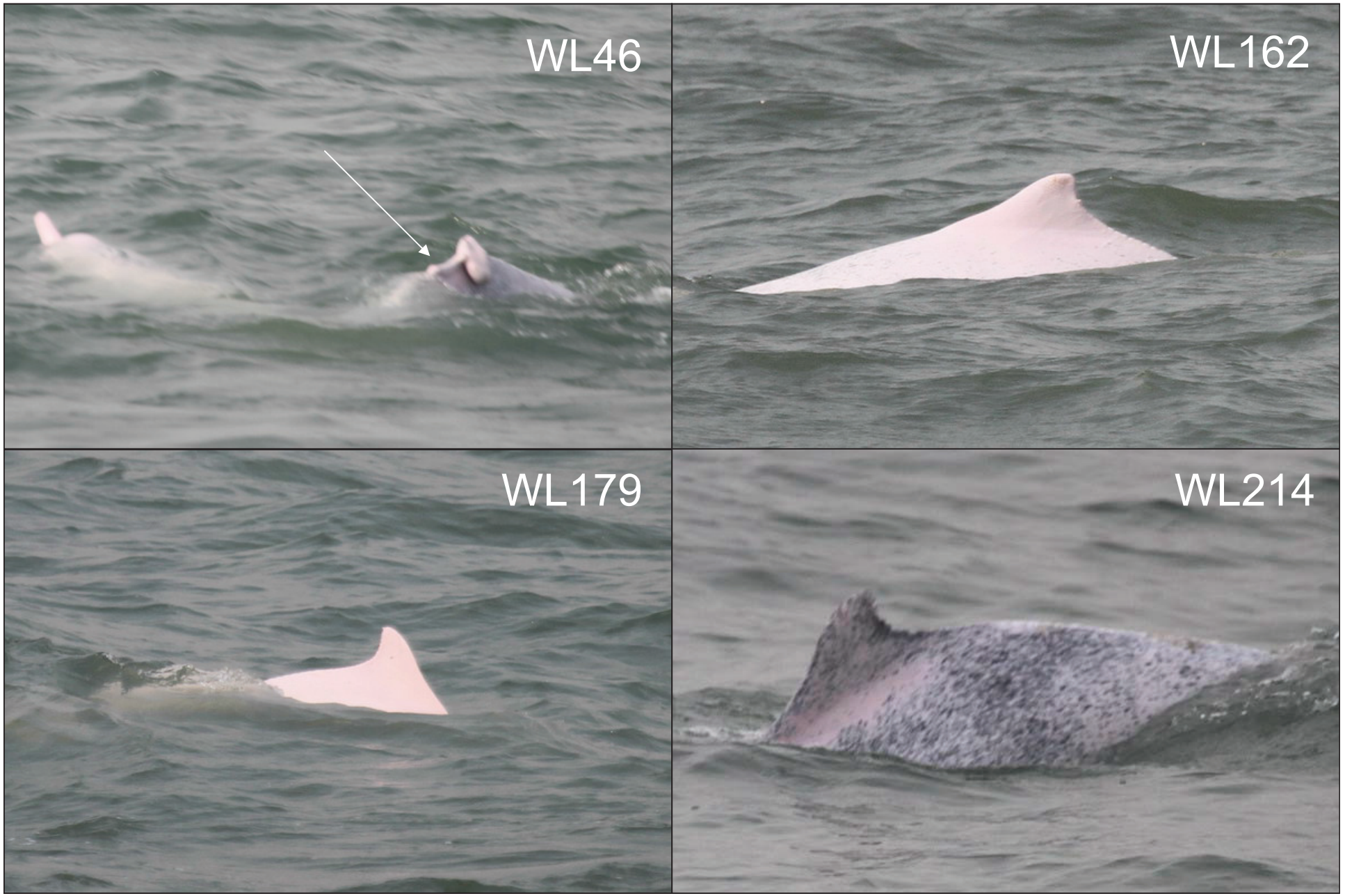


Annex IV. (cont'd)

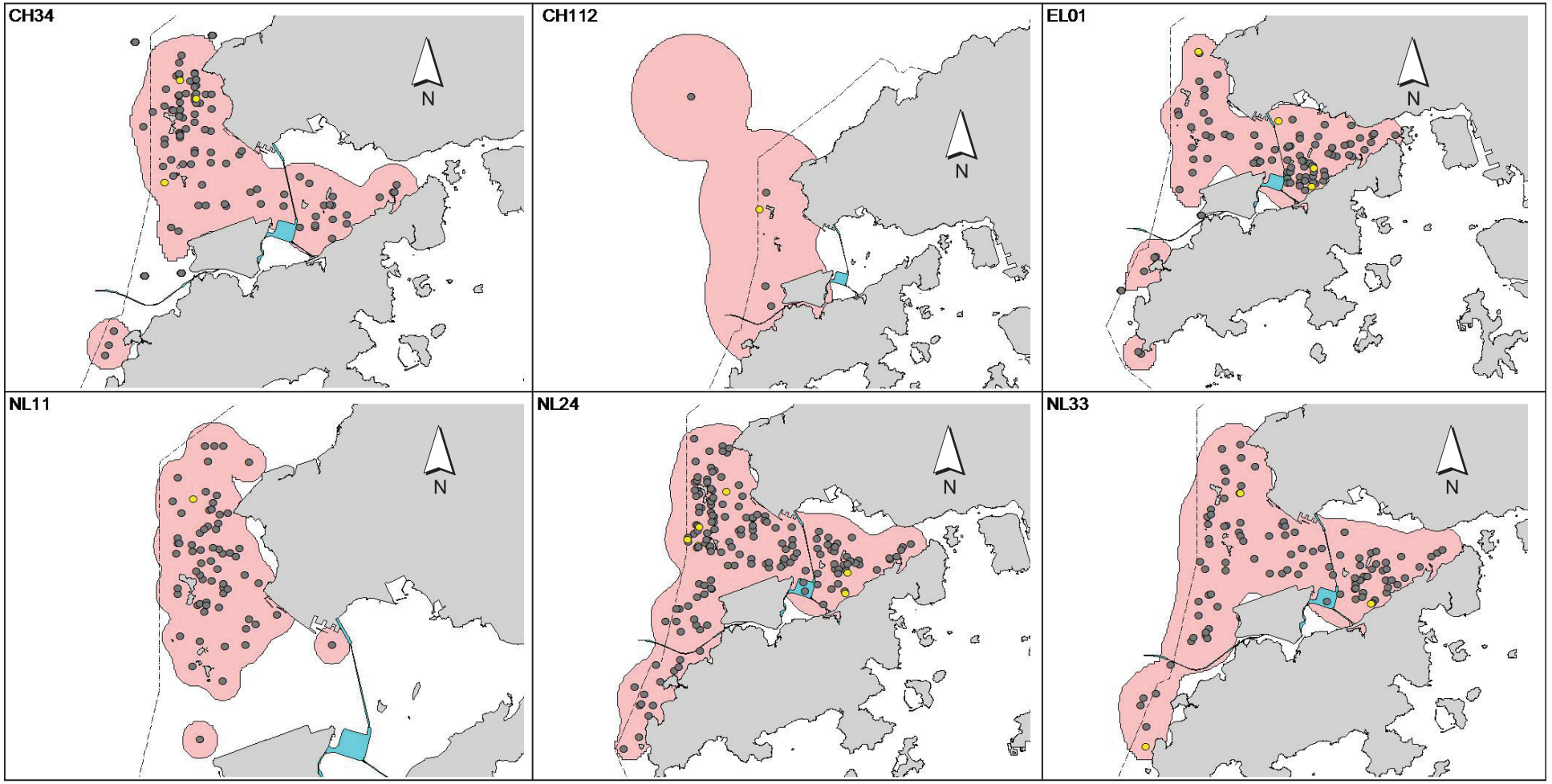
Annex IV. (cont'd)

Annex IV. (cont'd)

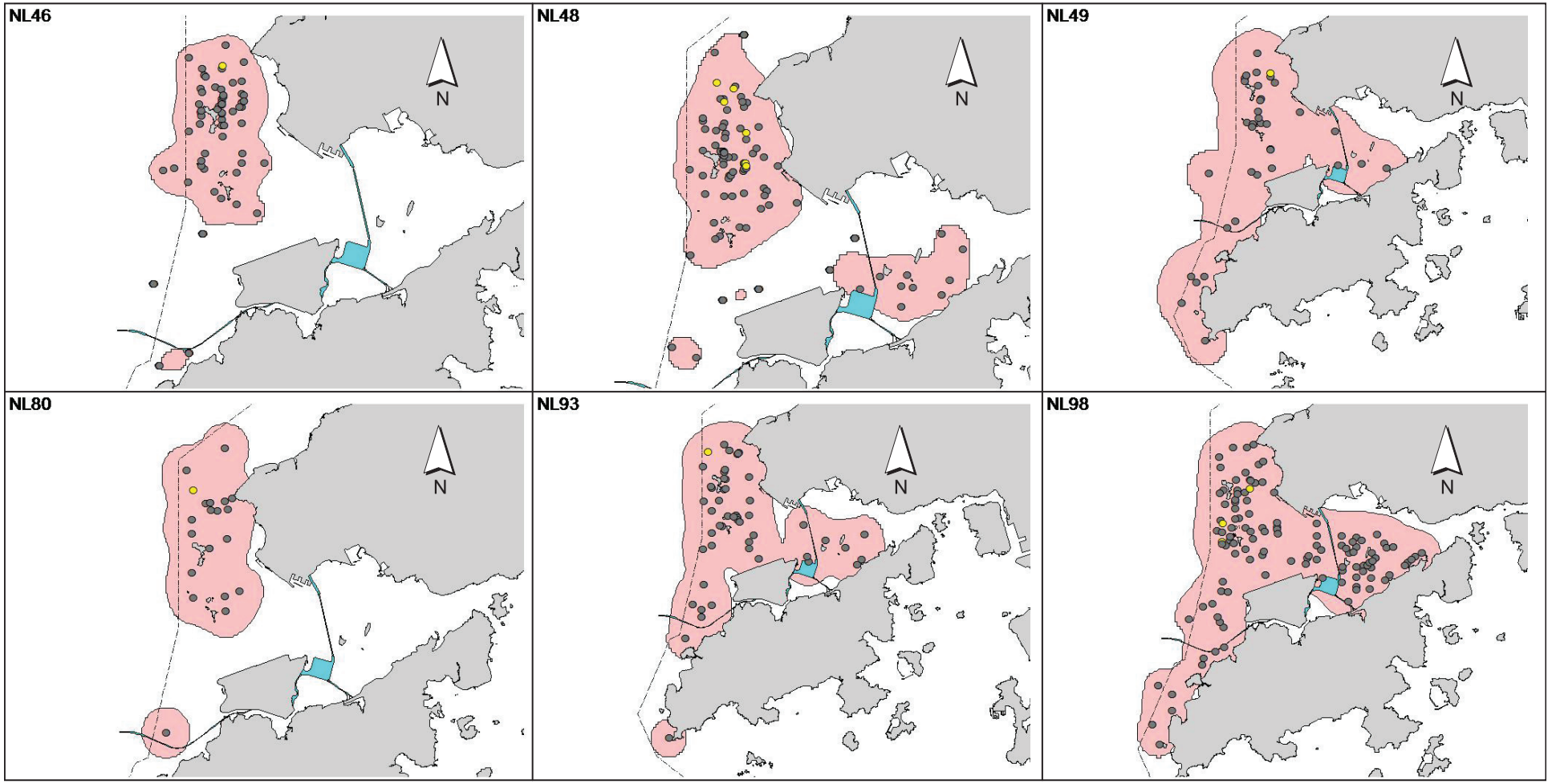
Annex IV. (cont'd)



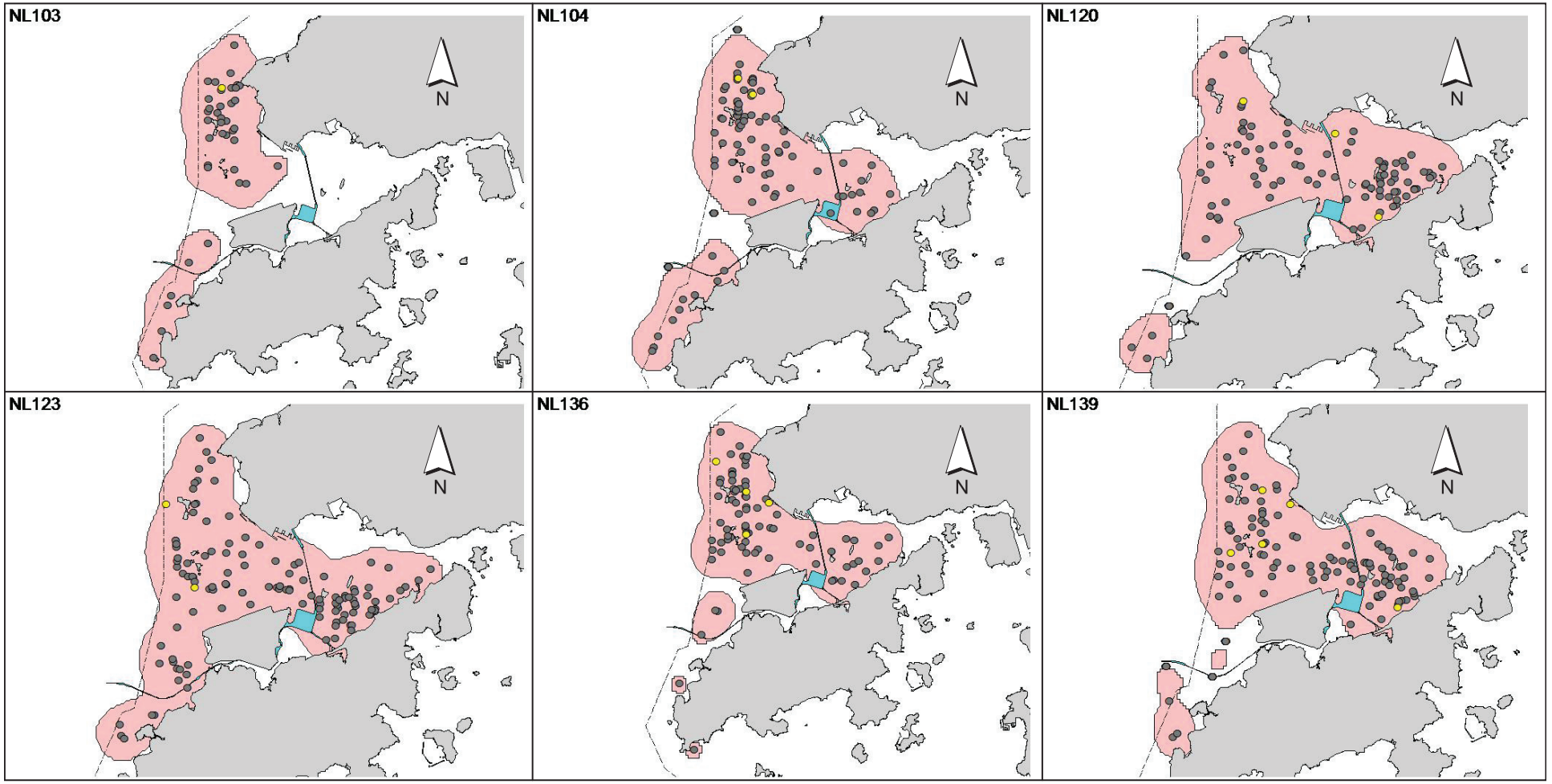
Annex V. Ranging patterns (95% kernel ranges) of 44 individual dolphins that were sighted during HKLR03 impact phase monitoring period (note: yellow dots indicates sightings made in December 2013 – February 2014)



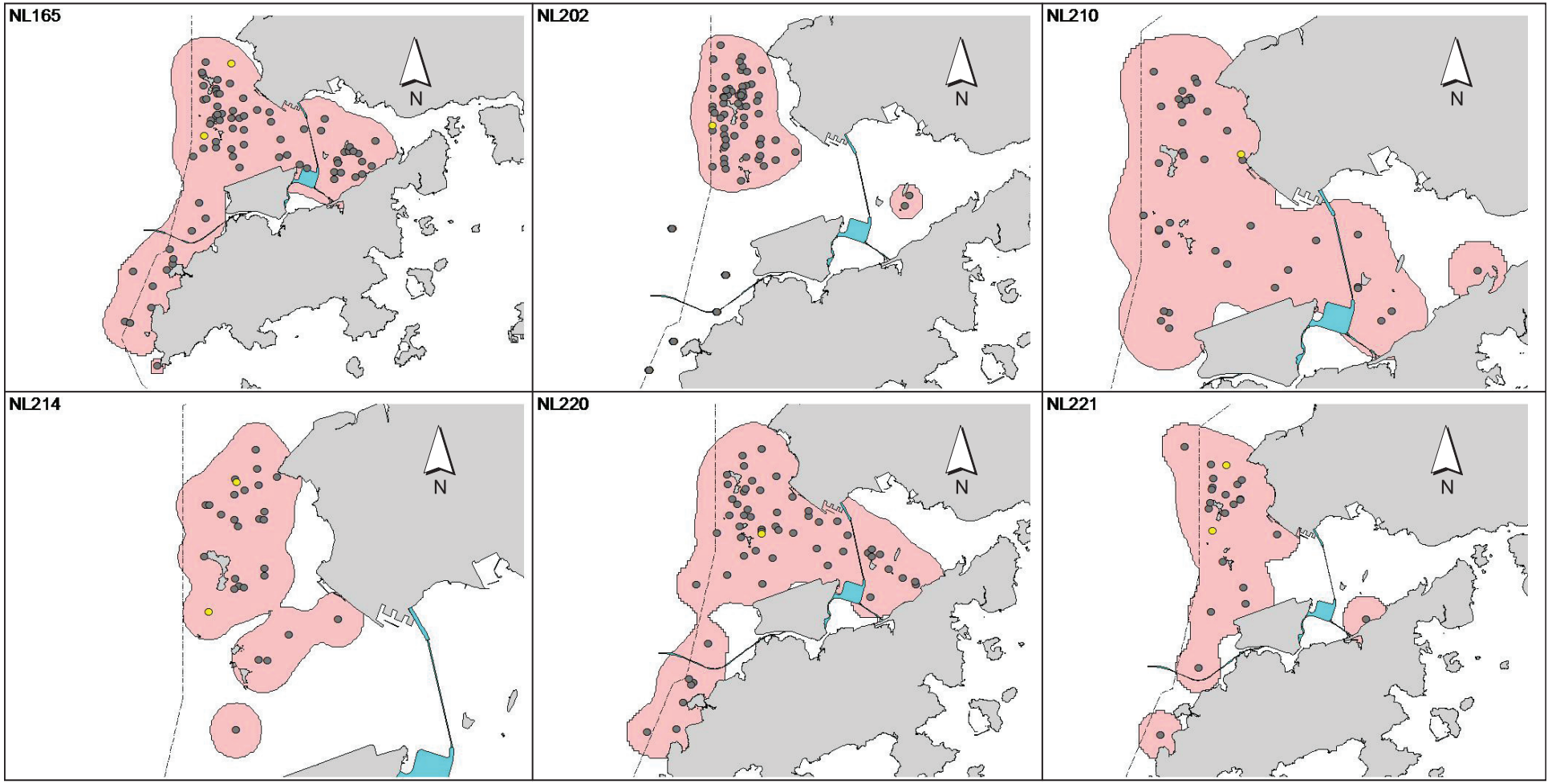
Annex V. (cont'd)



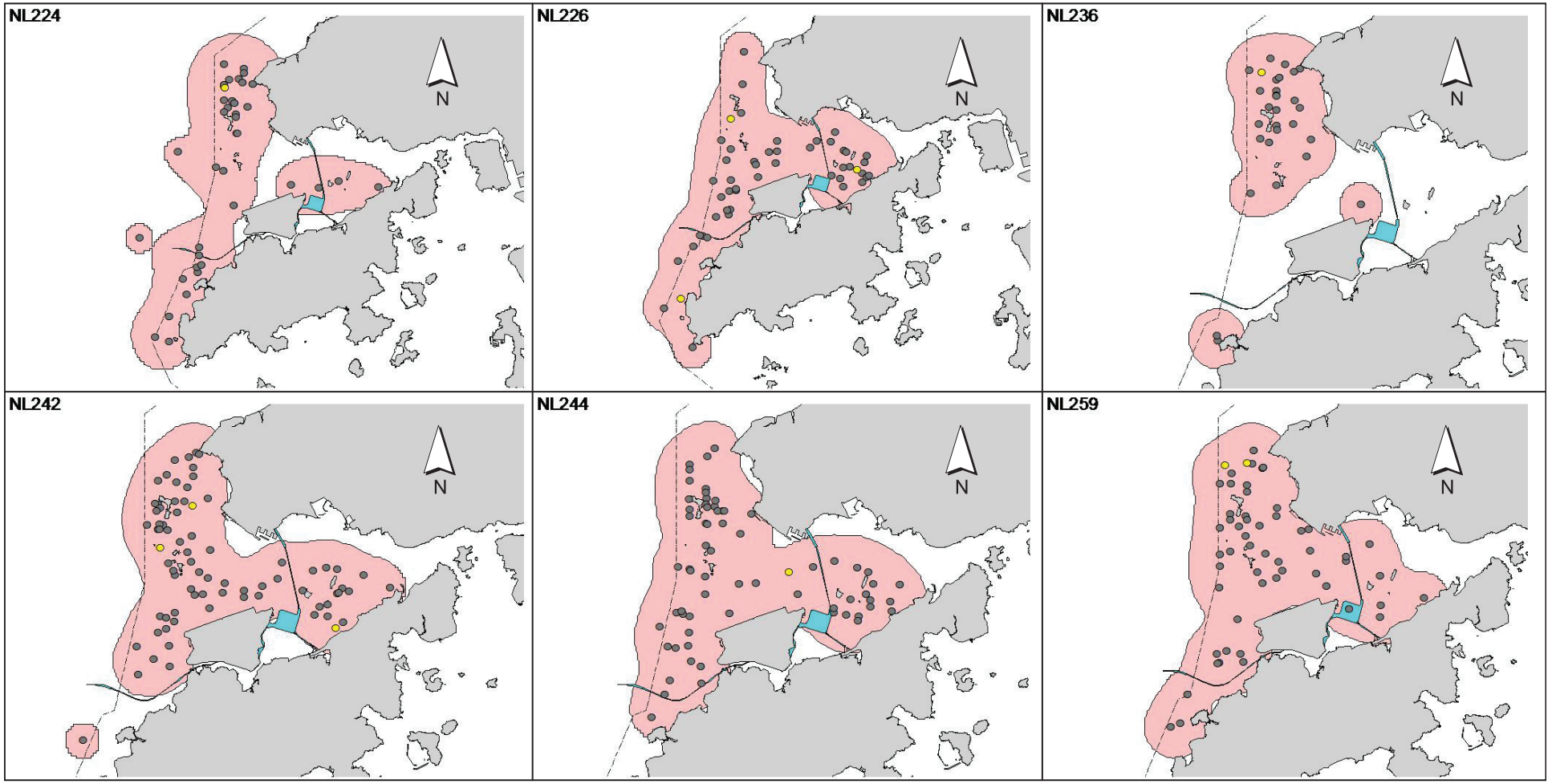
Annex V. (cont'd)



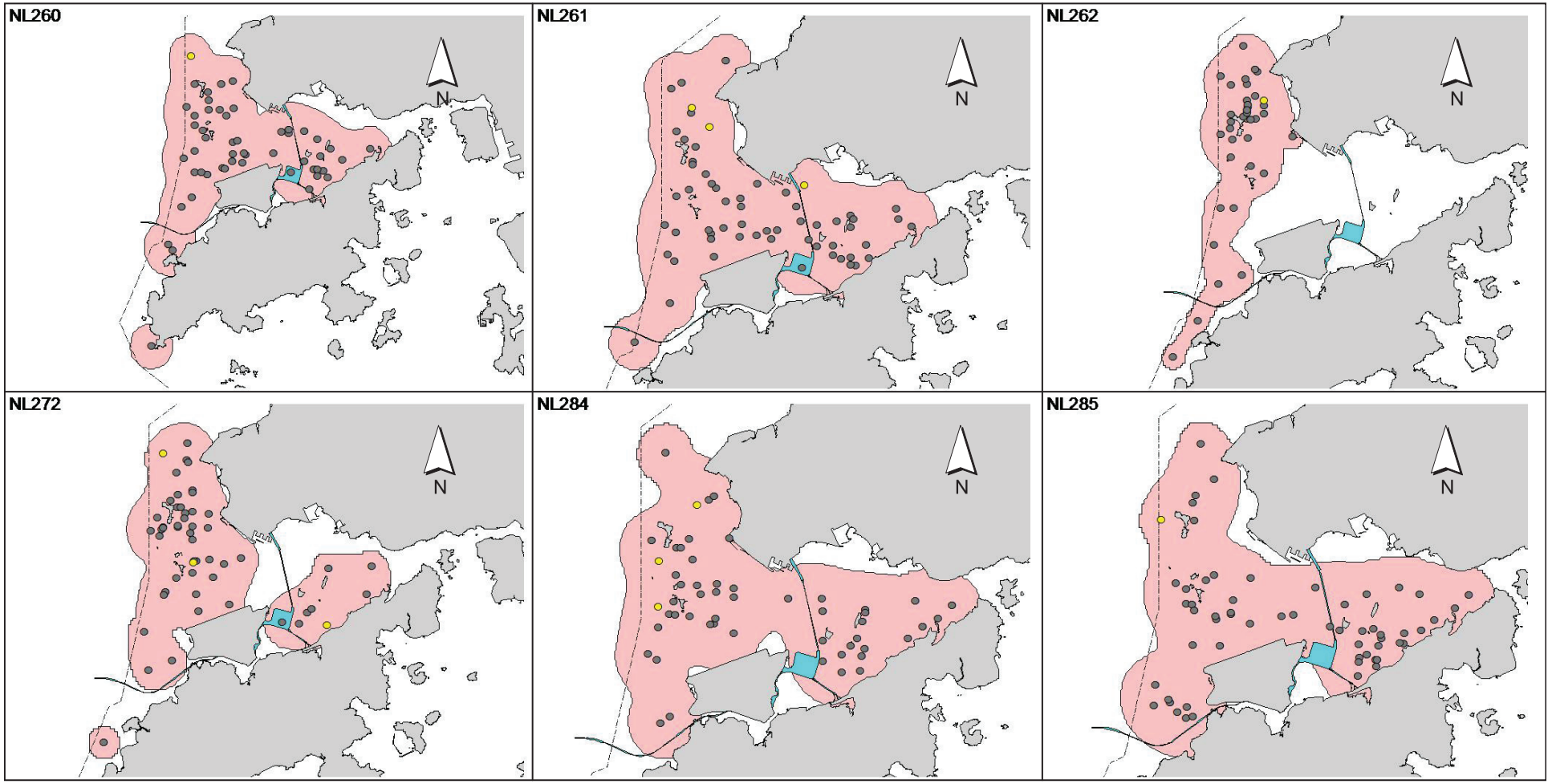
Annex V. (cont'd)



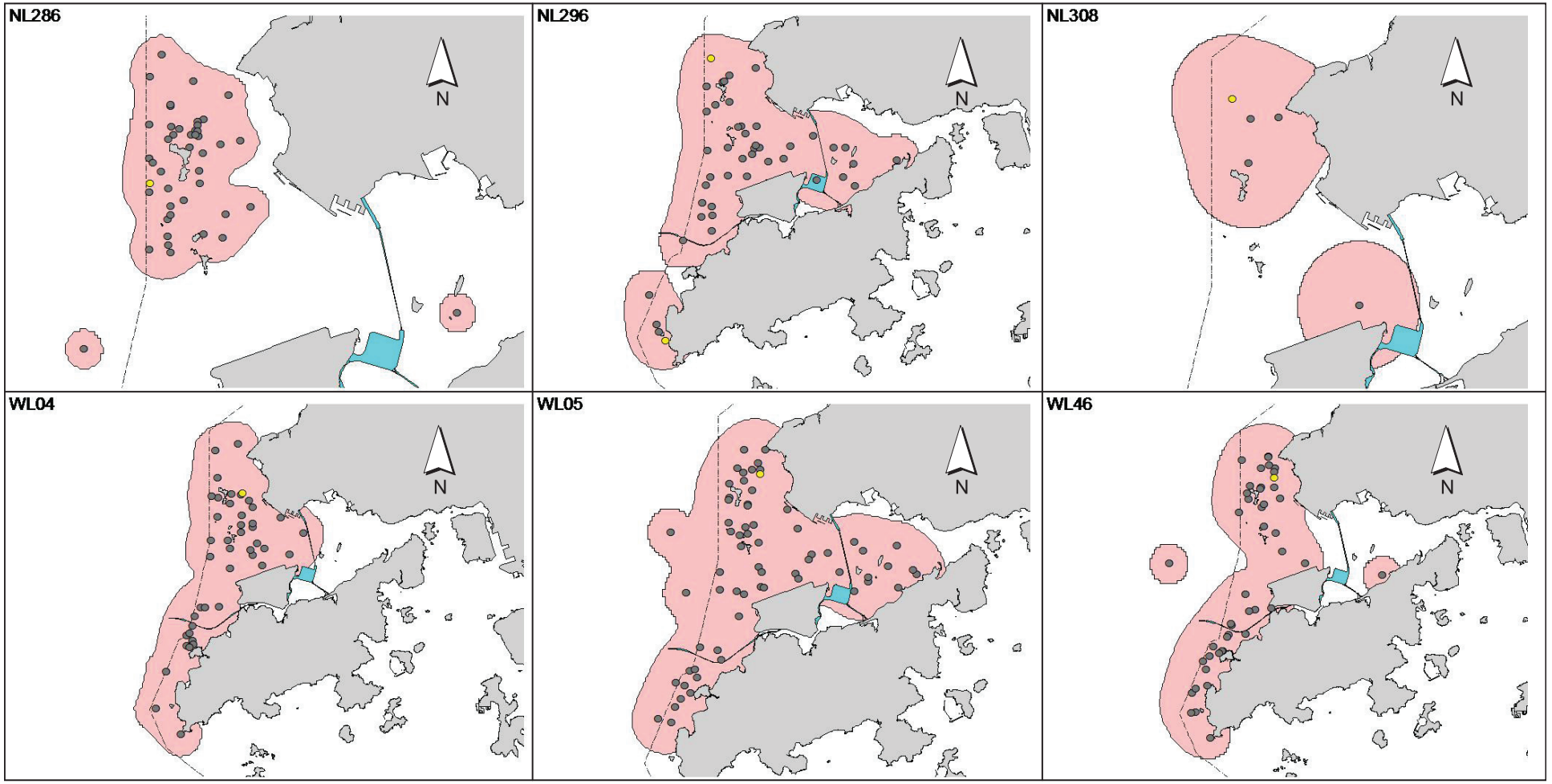
Annex V. (cont'd)



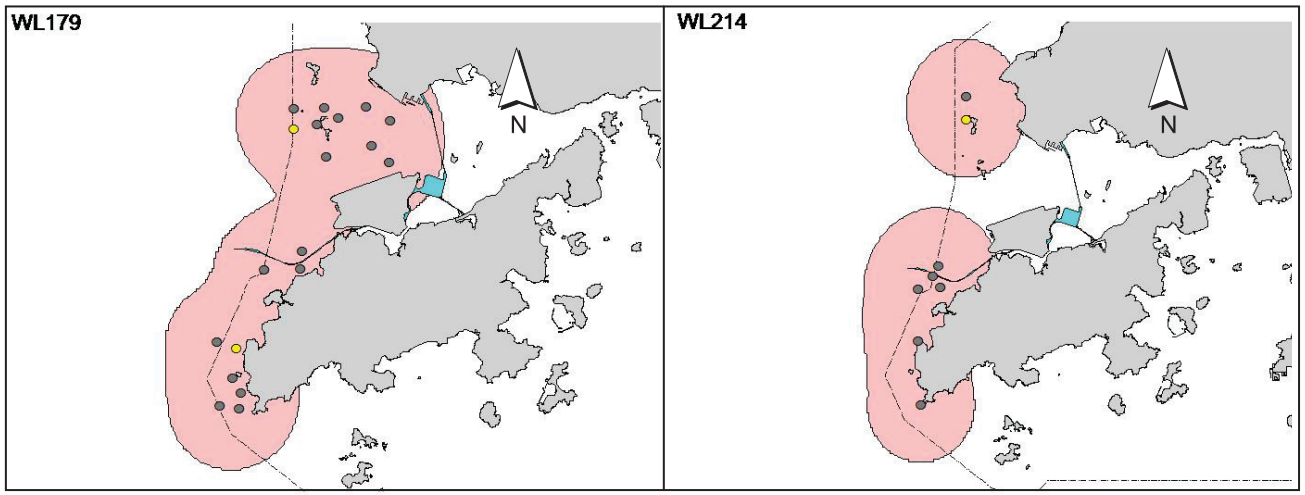
Annex V. (cont'd)



Annex V. (cont'd)



Annex V. (cont'd)



APPENDIX K

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE
Name of Department: HyD
Particular Specification

HKZMB Section Between HKLR and HKBCF
Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2013

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	8.472	0.000	8.472	0.000	0.000	11.120	0.000	0.000	0.000	0.000	0.293
Feb	8.644	0.000	8.644	0.000	0.000	8.501	0.000	0.000	0.000	0.000	0.091
Mar	6.826	0.000	6.826	0.000	0.000	1.548	0.000	0.243	0.000	0.000	0.117
Apr	6.822	0.000	6.822	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.059
May	8.588	0.000	8.584	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.098
Jun	7.073	0.000	7.073	0.000	0.000	7.977	0.000	0.000	0.000	0.508	0.182
Sub-total	46.423	0.000	46.420	0.000	0.004	29.204	0.000	0.243	0.000	0.508	0.839
Jul	11.495	0.000	11.495	0.000	0.000	14.006	0.000	0.000	0.000	0.000	0.143
Aug	4.963	0.000	4.963	0.000	0.000	9.268	0.000	0.000	0.000	1.600	0.338
Sep	10.574	0.000	10.574	0.000	0.000	57.331	0.000	0.000	0.000	0.000	0.319
Oct	10.820	0.000	10.820	0.000	0.000	116.284	0.000	0.000	0.000	0.000	0.176
Nov	8.223	0.000	8.223	0.000	0.000	162.132	0.000	0.000	0.000	0.000	0.182
Dec	7.716	0.000	7.716	0.000	0.000	201.482	0.000	0.000	0.000	0.000	0.195
Sub- total	53.790	0.000	53.790	0.000	0.000	560.503	0.000	0.000	0.000	1.600	1.352
Total	100.213	0.000	100.209	0.000	0.004	589.707	0.000	0.243	0.000	2.108	2.191

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

MOTHLY SUMMARY WASTE FLOW TABLE

Name o f Department: HyD

Particular Specification

HKZMB Section Between HKLR and HKBCF

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2014

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract *(Note 8)*	Reused in Other Projects *(Note 8)*	Disposed as Public Fill *(Note 6)*	Imported Fill *(Note 6)*	Metals	Paper / Cardboard Packaging	Plastics *(Note 3)*	Chemical Waste	Others, e.g. general refuse *(Note 8)*
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
Jan	6.396	0.000	6.396	0.000	0.000	127.813	0.000	0.000	0.000	0.000	0.163
Feb	10.568	0.000	10.568	0.000	0.000	98.249	0.000	0.000	0.000	0.000	0.124
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	16.963	0.000	16.963	0.000	0.000	226.062	0.000	0.000	0.000	0.000	0.286
Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub- total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	16.963	0.000	16.963	0.000	0.000	226.062	0.000	0.000	0.000	0.000	0.286

Note:

(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) Plastic refer to plastic bottles/containers, plastic sheets, foam from packaging materials.

(4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m^3.

(5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for recycling.

(6) Conversion factors for reporting purpose:
excavated (bulk): rock = 2.0 tonnes/m^3; soil = 1.8 tonnes/m^3 , sand=1.9tonnes/m^3

(7) Numbers are rounded off to the nearest three decimal places.

(8) 30T dump truck carries C&D waste of 8.0m3; 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
28.08.2013	VEP issued	05.09.2013	EP-352/2009/C	Highways Department	N/A
29.07.2013	VEP Issued	06.08.2013	EP-353/2009/G	Highways Department	N/A

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

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

Billing Account for Disposal of Construction Waste

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

Chemical Waste Producer Registration

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

Wastewater Discharge License

Item No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017

3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017.
4.	15.01.2013	WA 3	Application Ref No.356237 Water Discharge License Ref. WT00015423-2013 was granted on 4 Mar 2013	Valid until 31/03/2018
5.	15.01.2013	WA 4	Application Ref No. 356240 Applied for Water Discharge License and pending for approval	N/A
6	02.04.2013	Airport Road (Southern)	Water discharge license Ref. WT00015866-2013 was granted on 29 Apr 2013	Valid until 30/04/2018
7	02.04.2013	Airport Road (Northern)	Water discharge license Ref. WT00015865-2013 was granted on 29 Apr 2013	Valid until 30/04/2018

Construction Noise Permit

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
1	08.07.2013	Airport Road (CY Team)	Lighting / Wastewater treatment	CNP issued on 25.07.2013 (superseded by GW-RS0074-14)	GW-RS0836-13	13.08.2013 23:00	12.02.2014 0700
2	30.09.2013	WA3	Stockpiling/ wastewater treatment	CNP issued on 13 Sept 2013	GW-RS1012-13	28.09.2013 1900	27.03.2014 0700
3	27.09.2013	Portion X	Marine Works	CNP issued on 15.10.2013	GW-RS1144-13	15.10.2013 2300	11.04.2014 0700
4	05.10.2013	Portion X	Marine Works	CNP issued on 22.10.2013	GW-RS1170-13	22.10.2013 1900	18.04.2014 2300
5	21.10.2013	Kwo Lo Wan	Trial for Jet grouting	CNP issued on 04.11.2013	GW-RS1214-13	19.11.2013 0000	18.01.2014 0700
6	30.10.2013	Kwo Lo Wan	Pile pilling	CNP issued on 07.11.2013	GW-RS1253-13	04.12.2013 0000	03.06.2014 2400
7	04.11.2013	Kwo Lo Wan	Pile pilling	CNP issued on 15.11.2013	GW-RS1303-13	04.12.2013 1900	03.06.2014 2300
8	05.11.2013	N13	Billboard construction works	CNP issued on 11.11.2013	GW-RS 1268-13	21.11.2013 0000	17.02.2014 0700

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
9	08.11.2013	Tung Fai Road	Water Pipes installation	CNP issued on 15.11.2013	GW-RS1308-13	25.11.2013 2100	24.05.2014 0700
10	12.11.2013	WA4	Loading/ Unloading of stockpiles	CNP issued on 26.11.2013	GW-RW0842-13	04.12.2013 1900	03.06.2014 2300
11	18.11.2013	Portion X	Stone Column works during runway closure	CNP issued on 04.12 2013 (superseded by GW-RS0060-14)	GW-RS1351-13	05.12.2013 0130	04.02.2014 0700
12	21.11.2013	S14	Grouting works	CNP issued on 05.12.2013	GW-RS1411-13	06.12.2013 1900	05.06.2014 2300
13	21.11.2013	N13	Billboard construction works	CNP issued on 04.12.2013	GW-RS1401-13	06.12.2013	17.02.2014
14	16.12.2013	S15	Pumping test	CNP issued on 30.12.2013	GW-RS1464-13	31.12.2013 2300	31.01.2014 0700
15	19.12.2013	West Portal	Canopy/ grouting works	CNP issued on 02.01.2013	GW-RS1504-13	03.01.2014 1900	02.07.2014 2400
16	19.12.2013	Kwo Lo Wan	Jet Grouting Trial	CNP issued on 02.01.2013	GW-RS1487-13	19.01.2014 0000	30.03.2014 0700
17	03.01.2014	Kwo Lo Wan	TTA Works	CNP issued on17.01.2014	GW-RS0021-14	21.01.2014 0000	20.02.2014 0500
18	14.01.2014	Portion X	Stone Column works during runway closure	CNP issued on 28.01.2014	GW-RS0060-14	05.02.2014 0130	04.04.2014 0700
19	17.01.2014	Airport Road 1900	Rock Excavation	CNP issued on 30.01.2014	GW-RS0070-14	04.02.2014 1900	03.08.2014 2300
20	20.01.2014	Airport Road 2300	Wastewater treatment	CNP issued on 30.01.2014	GW-RS0074-14	12.02.2014 2300	11.08.2014 0700
21	24.01.2014	Kwo Lo Wan	Grouting works	CNP issued on 07.02.2014	GW-RS0096-14	10.02.2014 1900	08.08.2014 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.: 159

Date of Notification: 23 December 2013

Works Inspected: Data collected from water sampling works on 6 December 2013 and the test report was issued on 13 December 2013.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)6	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.32 x 120% = **12.4** mg/L for mid ebb) AND CS(Mf)5: 13.82 x 120% = **16.6** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.32 x 130% = **13.4** mg/L for mid ebb) AND CS(Mf)5: 13.82 x 130% = **18.0** mg/L for mid flood)	12.1	***26.5***
SS	SR10A	DA			8.2	***34.9***
SS	SR10B	DA			7.7	***24.9***

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

Possible reason for Action or Limit Level Non-compliance:

On 6 December 2013, AL exceedances at stations IS(Mf)6 and SR10B and a LL exceedance at station SR10A were recorded during mid-flood tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling and stone column installation at Zone 1, stone column installation at Zone 2, sand filling and removal of stone platform at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6, SR10A and SR10B during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)6	7.1	to	19	8.5	to	35
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

The measured value at station IS(Mf)6 and SR10B was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station SR10A was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

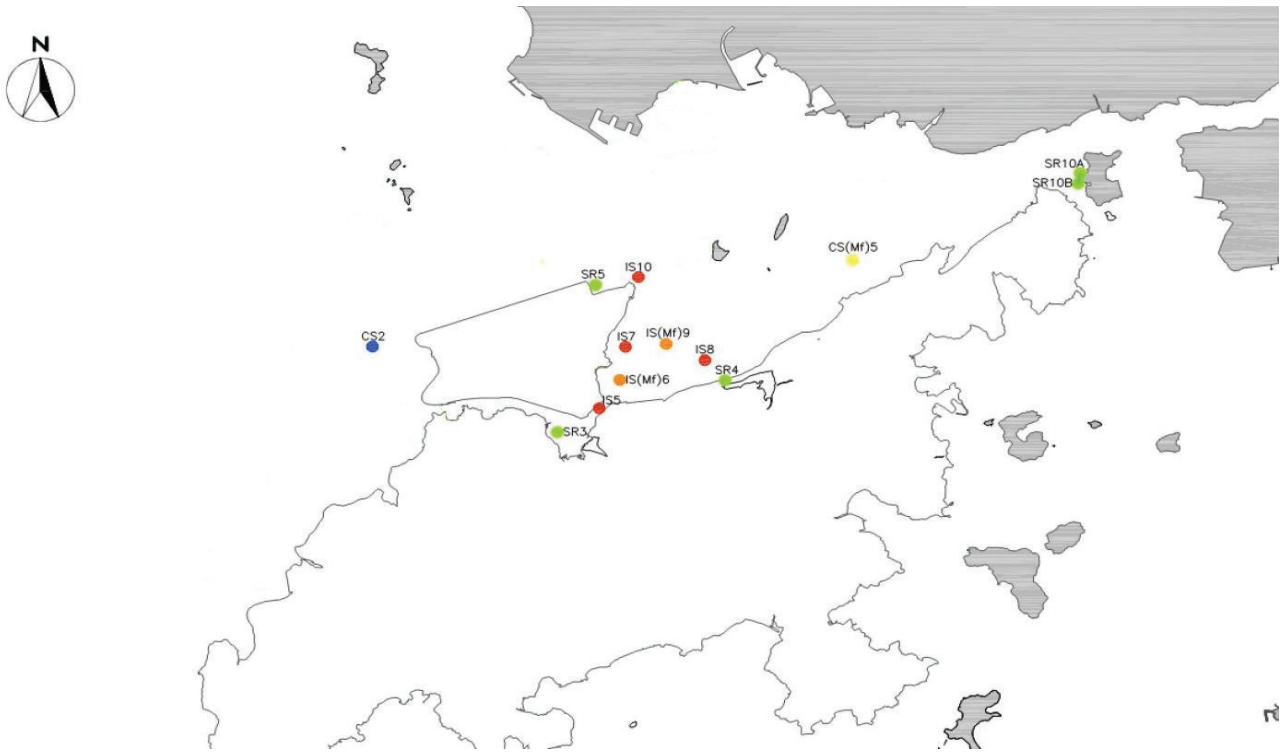
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 23 December 2013

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.: 160

Date of Notification: 6 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 11 December 2013 and the test report was issued on 19 December 2013

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***224***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 11 December 2013.

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

Zone 1

- Sand filling
- Aggregate filling for temporary stone platform
- Transfer of fill material
- Stone column works
- Installation of geotextile tubes

Zone 2

- Sand filling
- Stone column works

Zone 3A
- Sand filling
- Public fill filling
- Removal of temporary stone platform
- Transfer of fill material
- Band drain installation

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 71 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 161

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 16 December 2013 and the test report was issued on 23 December 2013.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS10	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.32 x 120% = **17.2** mg/L for mid ebb) AND CS(Mf)5: 11.58 x 120% = **13.9** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.32 x 130% =**18.6** mg/L for mid ebb) AND CS(Mf)5: 11.58 x 130% = **15.1** mg/L for mid flood)	14.0	***24.6***

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 16 December 2013, an AL exceedance at station IS10 was recorded during mid-flood tide.

The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling and stone column works at Zone 2, sand filling, public fill filling, transfer of fill material and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS10 during the baseline monitoring are shown as below:

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

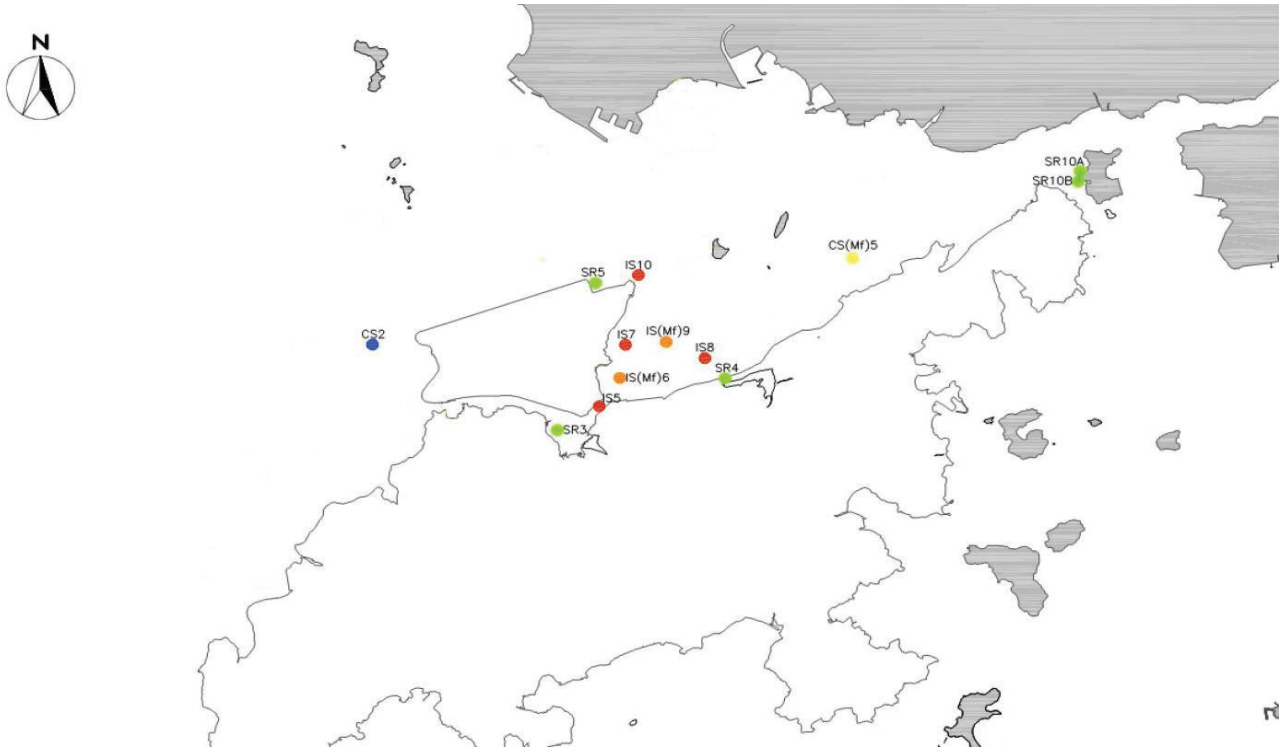
   The measured value at station IS10 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 162

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 18 December 2013 and the test report was issued on 27 December 2013.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)9	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.98 x 120% = **18.0** mg/L for mid ebb) AND CS(Mf)5: 10.85 x 120% = **13.0** 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: 14.98 x 130% =**19.5** mg/L for mid ebb) AND CS(Mf)5: 10.85 x 130% = **14.1** mg/L for mid flood)	11.9	***25.7***

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 18 December 2013, an AL exceedance at station IS(Mf)9 was recorded during mid-flood tide.

The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)9 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)9	5.5	to	20.1	7.3	to	26

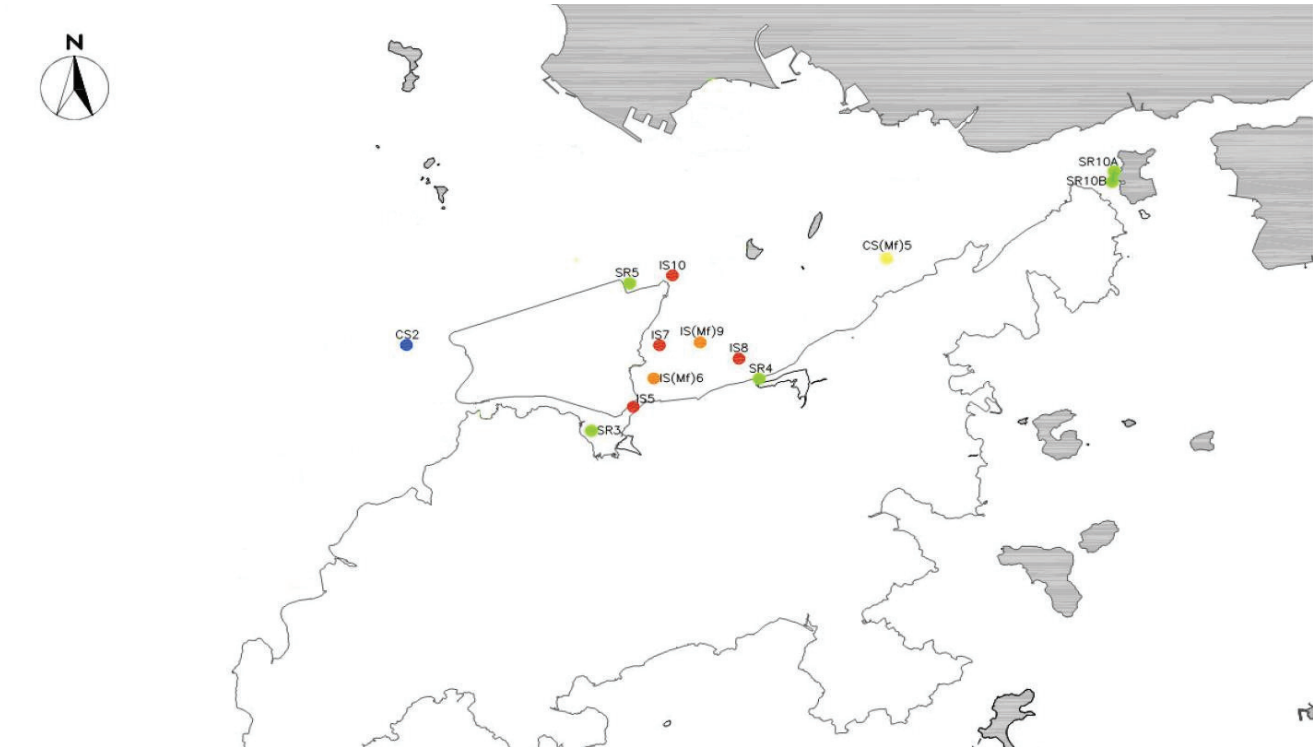
   The measured value at station IS(Mf)9 was within the range of suspended solid during baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 163

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 20 December 2013 and the test report was issued on 31 December 2013.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS7	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.12 x 120% = **7.3** mg/L for mid ebb) AND CS(Mf)5: 7.78x 120% = **9.3** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.12 x 130% =**8.0** mg/L for mid ebb) AND CS(Mf)5: 7.78 x 130% = **10.1** mg/L for mid flood)	14.4	***23.6***
SS	IS8	DA			9.1	***33.3***

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 20 December 2013, AL exceedances at stations IS7 and IS8 were recorded during mid-flood tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS7 and IS8 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS7	6.1	to	21	7.8	to	34
IS8	5.5	to	25.5	5.8	to	31.3

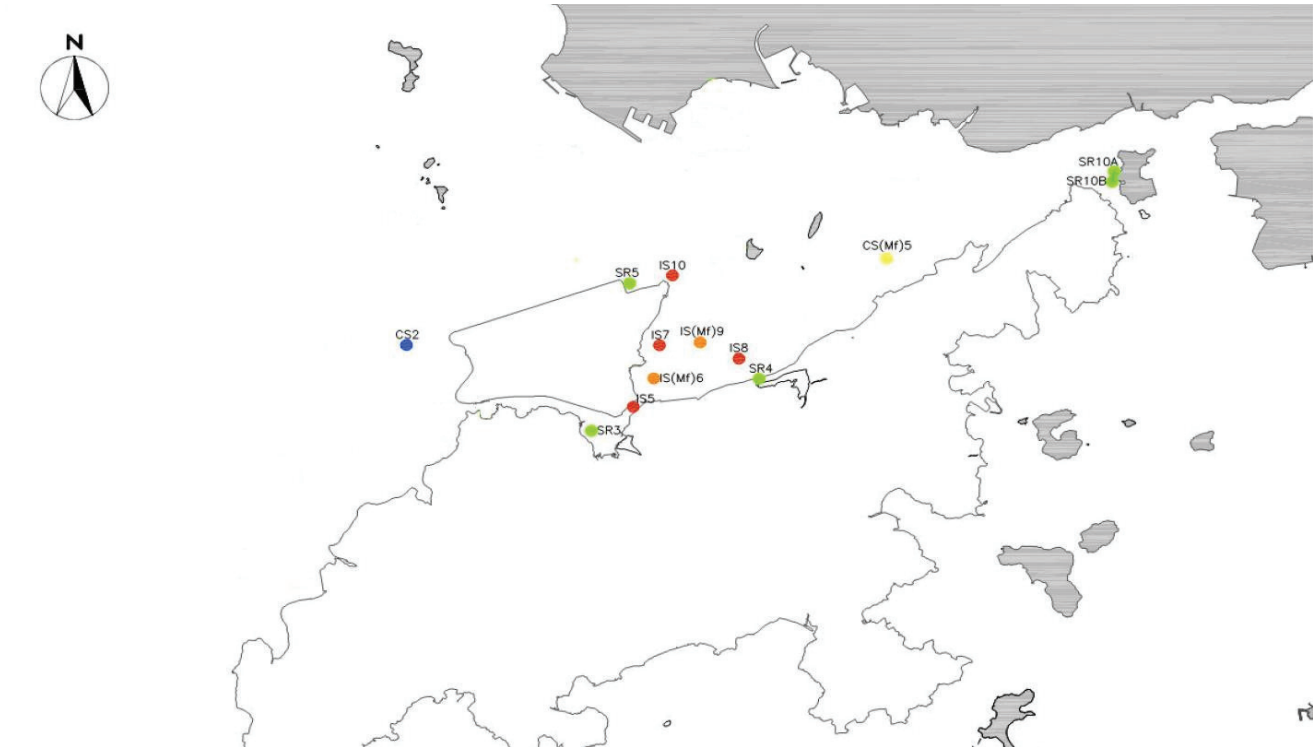
   The measured value at station IS7 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station IS8 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 164

Date of Notification: 9 January 2014

Works Inspected: Data collected from water sampling works on 27 December 2013 and the test report was issued on 6 January 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)6	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 15.67 x 120% = **18.8** mg/L for mid ebb) AND CS(Mf)5: 13.03 x 120% = **15.6** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 15.67 x 130% =**20.4** mg/L for mid ebb) AND CS(Mf)5: 13.03 x 130% = **16.9** mg/L for mid flood)	***27.1***	20.4

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

Possible reason for Action or Limit Level Non-compliance:

On 27 December 2013, an AL exceedance at station IS(Mf)6 was recorded during mid-ebb tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, rock filling and installation of stone column at Zone 1 and Zone 2, sand filling, public fill filling, transfer sand and public fill, removal of temporary stone platform at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)6	7.1	to	19	8.5	to	35

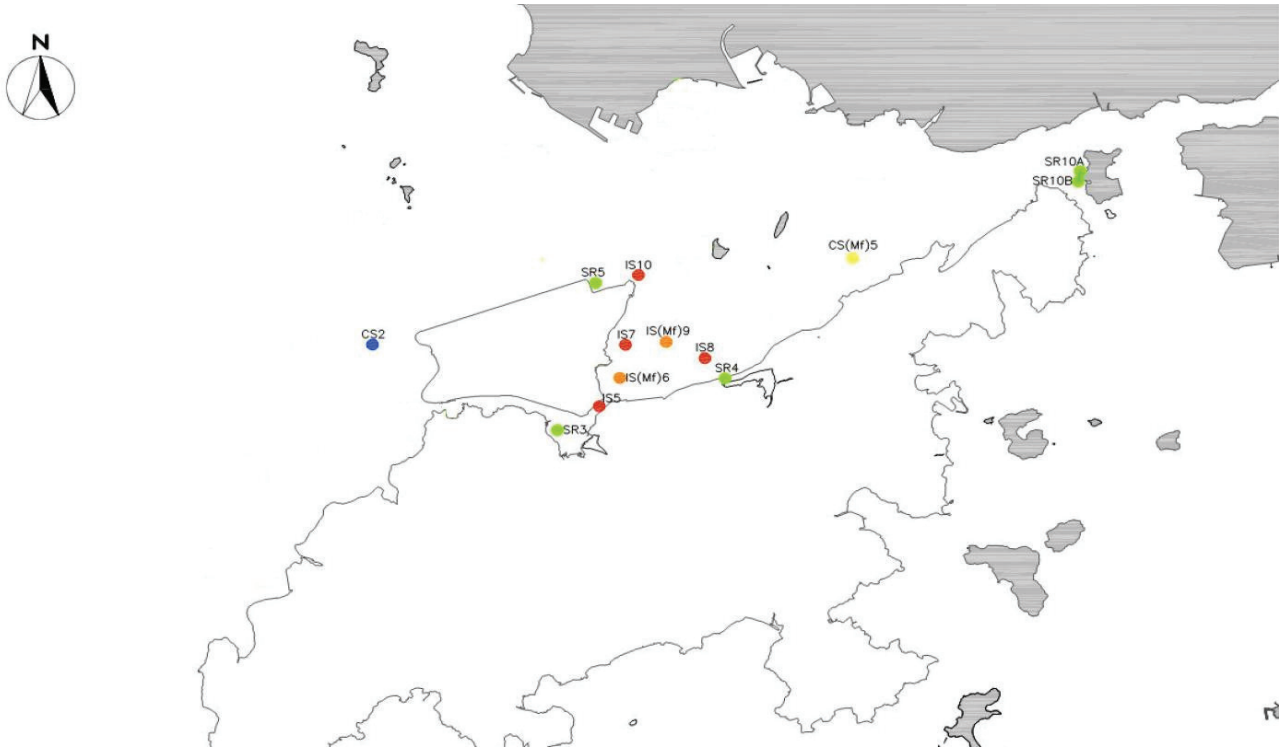
3. The measured value at station IS(Mf)6 was above the range of suspended solid during baseline monitoring for mid-ebb tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 165

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 23 December 2013 and the test report was issued on 3 January 2014

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***229***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 23 December 2013.

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

Zone 1

- Sand filling
- Rock filling
- Transfer of fill material
- Installation of stone column

Zone 2

- Sand filling
- Sand pumping
- Transfer of sand
- Rock filling
- Installation of stone column

Zone 3A
- Sand filling
- Public fill filling
- Transfer of sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

Mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 63 to 72 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 166

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 27 December 2013 and the test report was issued on 6 January 2014

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***262***

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

Possible reason for Action or Limit Level Non-compliance:

A Limit Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 27 December 2013.

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

Zone 1 and Zone 2

- Rock filling
- Sand filling
- Installation of stone platform

Zone 3A
- Sand filling
- Public fill filling
- Transfer sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

Mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 58 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 167

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 27 December 2013 and the test report was issued on 6 January 2014

Monitoring Location: AMS5 – Ma Wan Chung Village

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
24-hr TSP (8:00 – 8:00 hours)	Ma Wan Chung Village (AMS5)	164	260	***195***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS5, Ma Wan Chung Village, on 27 December 2013.

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

Zone 1 and Zone 2

- Rock filling
- Sand filling
- Installation of stone platform

Zone 3A
- Sand filling
- Public fill filling
- Transfer sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

The construction activities were carried far away from AMS5 (over 700m). In addition, mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 58 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

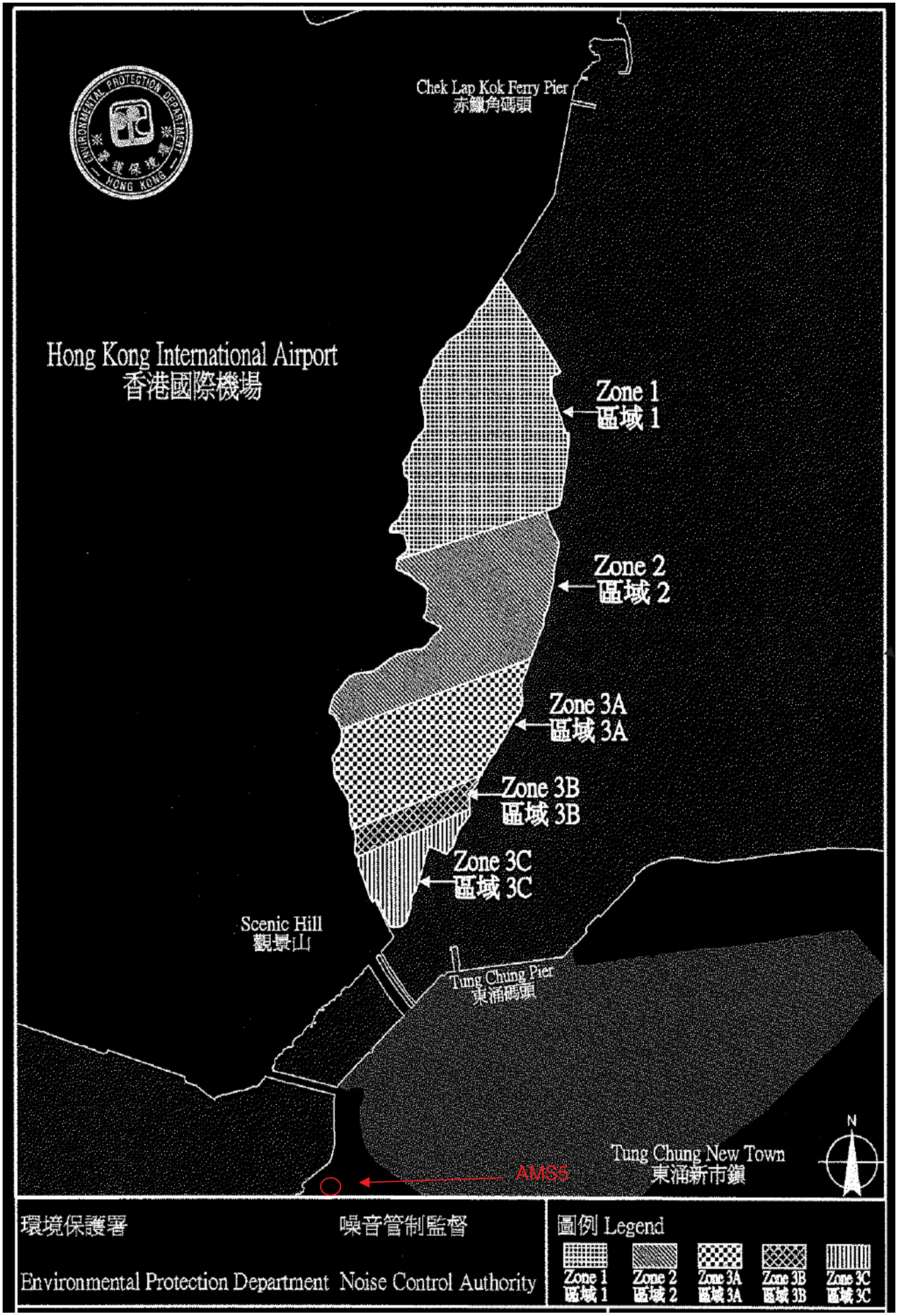
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
AMS5
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1
區域 1
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 168 (ver1)

Date of Notification: 12 February 2014

Works Inspected: Data collected from water sampling works on 3 January 2014 and the test report was issued on 10 January 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	SR3	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 7.32 x 120% = **8.8** mg/L for mid ebb) AND CS(Mf)5: 6.85 x 120% = **8.2** 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: 7.32 x 130% =**9.5** mg/L for mid ebb) AND CS(Mf)5: 6.85 x 130% = **8.9** mg/L for mid flood)	8.4	***31.3***
SS	SR5	DA			7.8	***26.7***

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 3 January 2014, two AL exceedances at stations SR3 and SR5 were recorded during mid-flood tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Rock filling and sand filling at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling and removal of temporary stone platform at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations SR3 and SR5 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
SR3	6.7	to	31	7.6	to	28
SR5	6.7	to	16.5	6.5	to	31.2

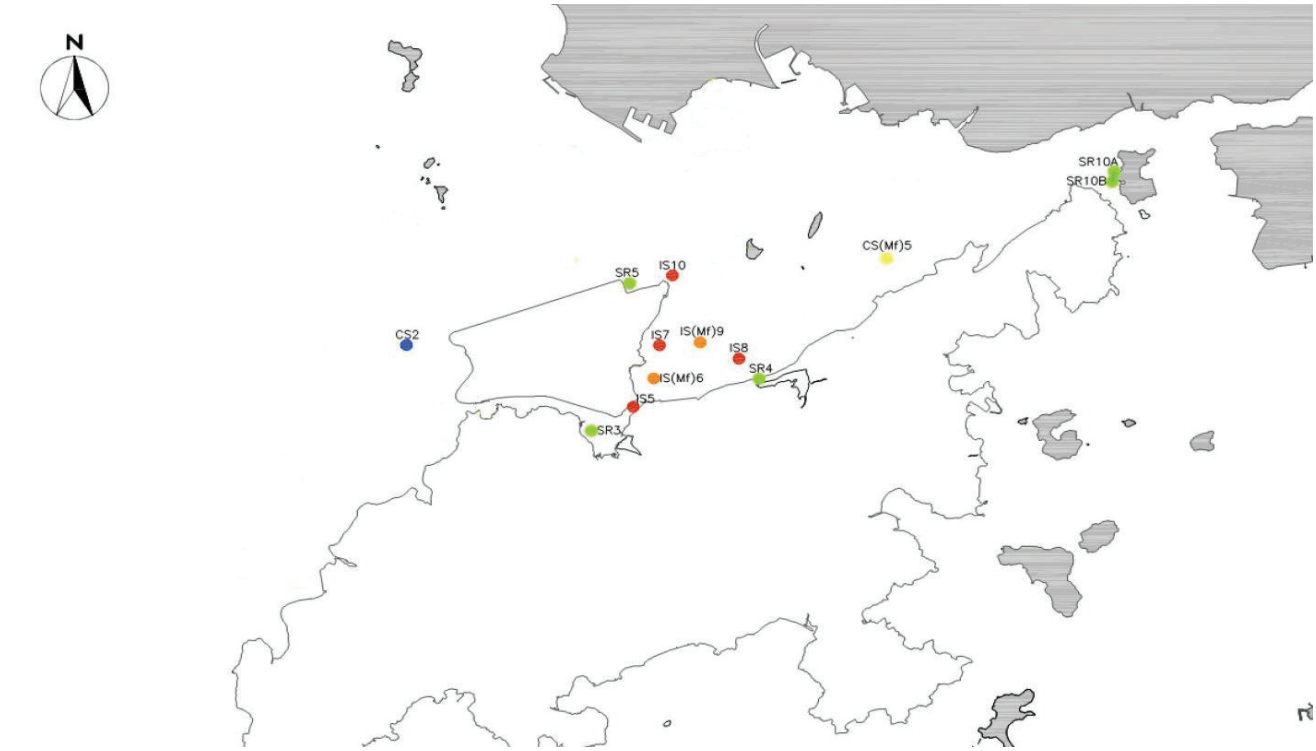
   The measured value at station SR5 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station SR3 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 12 February 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 169 (ver1)

Date of Notification: 12 February 2014

Works Inspected: Data collected from water sampling works on 6 January 2014 and the test report was issued on 10 January 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS(Mf)9	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.43 x 120% = **7.7** mg/L for mid ebb) AND CS(Mf)5: 7.22 x 120% = **8.7** 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: 6.43 x 130% =**8.4** mg/L for mid ebb) AND CS(Mf)5: 7.22 x 130% = **9.4** mg/L for mid flood)	7.2	***25.7***

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 6 January 2013, an AL exceedance at station IS(Mf)9 was recorded during mid-flood tide.

The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, rock filling and sand pumping at Zone 1, stone column works, levelling of temporary stone platform, removal of temporary stone platform and sand filling at Zone 2, sand filling and removal of temporary stone platform at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)9 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)9	5.5	to	20.1	7.3	to	26

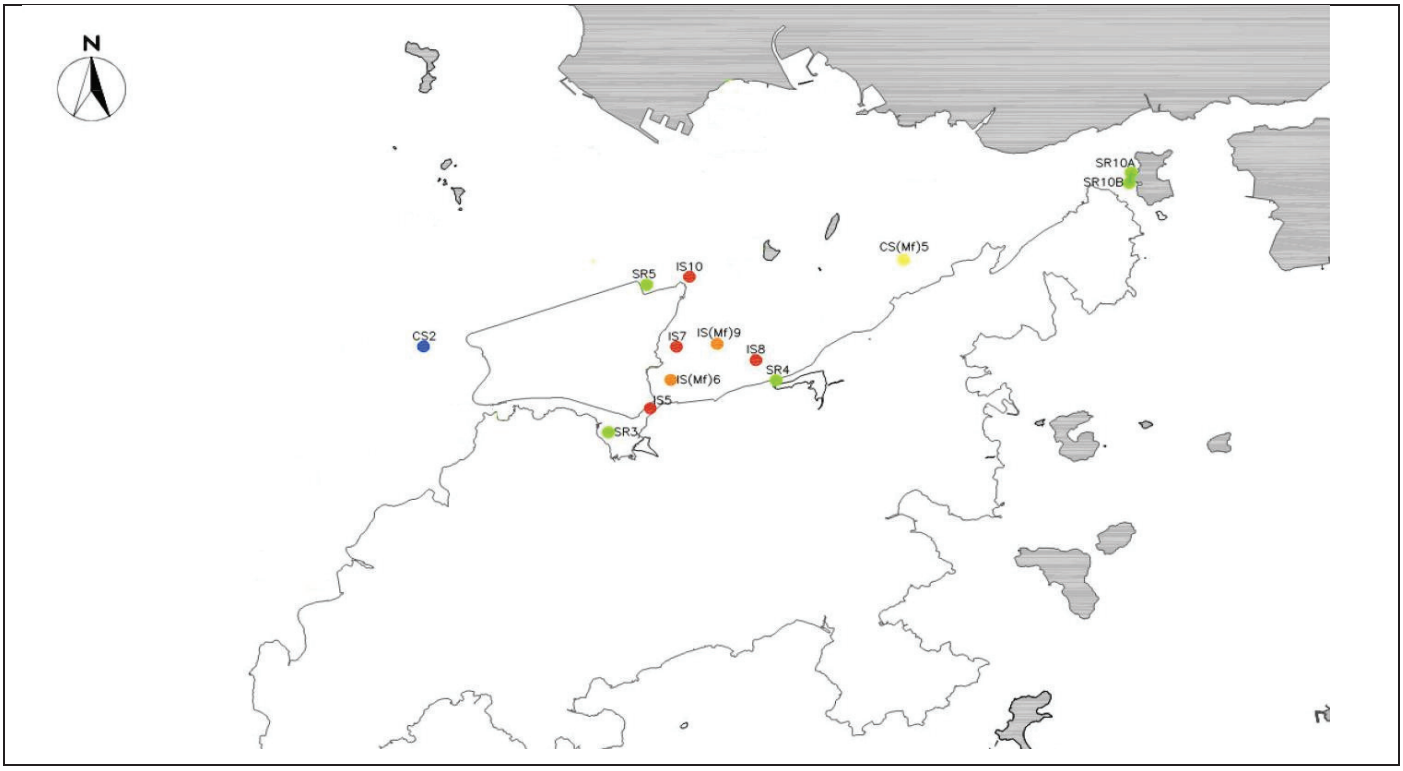
   The measured value at station IS(Mf)9 was within the range of suspended solid during baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 12 February 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 170

Date of Notification: 4 February 2014

Works Inspected: Data collected from water sampling works on 10 January 2014 and the test report was issued on 17 January 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.65 x 120% = **5.6** mg/L for mid ebb) AND CS(Mf)5: 2.68 x 120% = **3.2** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.65 x 130% =**6.0** mg/L for mid ebb) AND CS(Mf)5: 2.68 x 130% = **3.5** mg/L for mid flood)	6.3	***25.7***

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 10 January 2013, an AL exceedance at station IS5 was recorded during mid-flood tide.

The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, sand pumping, filling and levelling of stone platform and stone column works at Zone 1, excavation of aggregate for removal of temporary platform at Zone 2, excavation of aggregate for removal of temporary platform and public fill filling at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS5	8.1	to	25.7	7	to	23.7

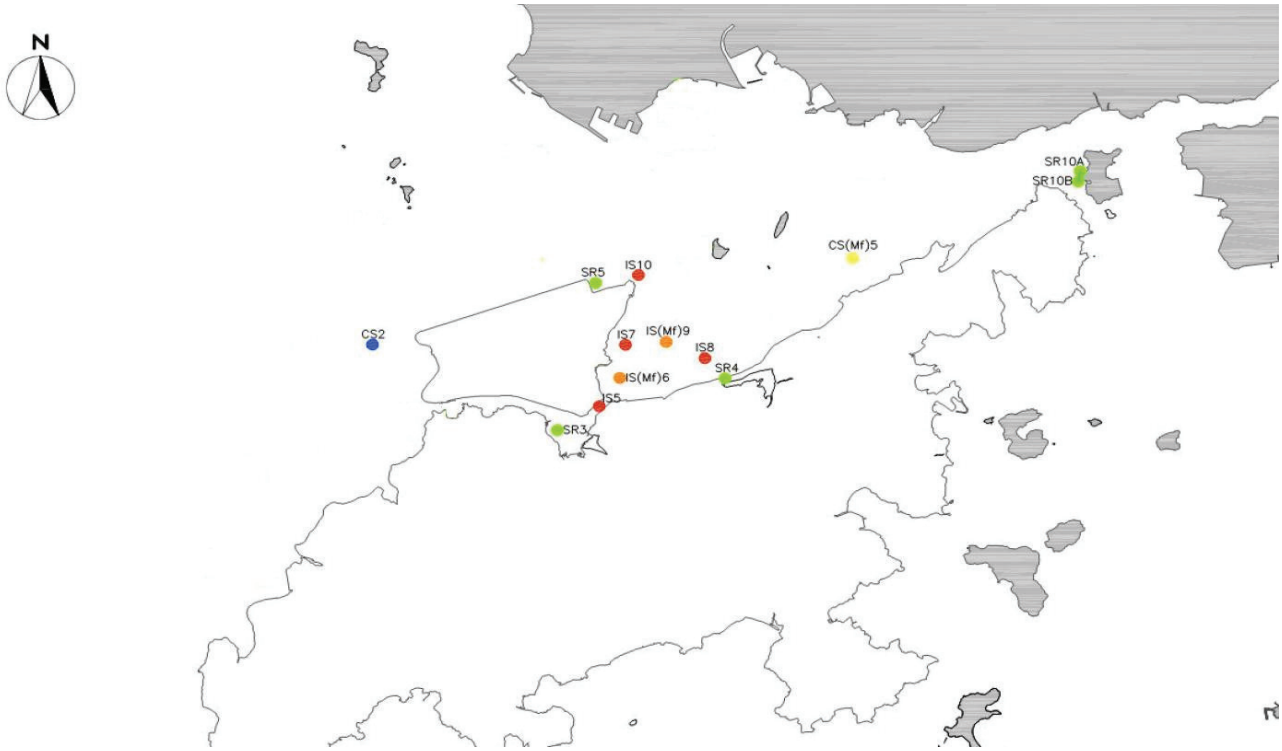
   The measured value at station IS5 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 4 February 2014

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 171

Date of Notification: 4 February 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 8 January 2014 and the test report was issued on 17 January 2014

Monitoring Location: AMS6 – Dragon Air Building (AMS6)

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***187***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 8 January 2014.

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

Zone 1

- Sand filling
- Filling and leveling of stone platform
- Sand pumping
- Stone column works

Zone 2
- Excavation of aggregate for removal of temporary platform
- Stone column works

Zone 3A
- Sand pumping
- Excavation of aggregate for removal of temporary platform
- Public fill filling

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The Air Quality Health Index (AQHI) recorded by EPD at the Tung Chung station during the sampling time ranged from 3 (low) o 9 (very high). Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

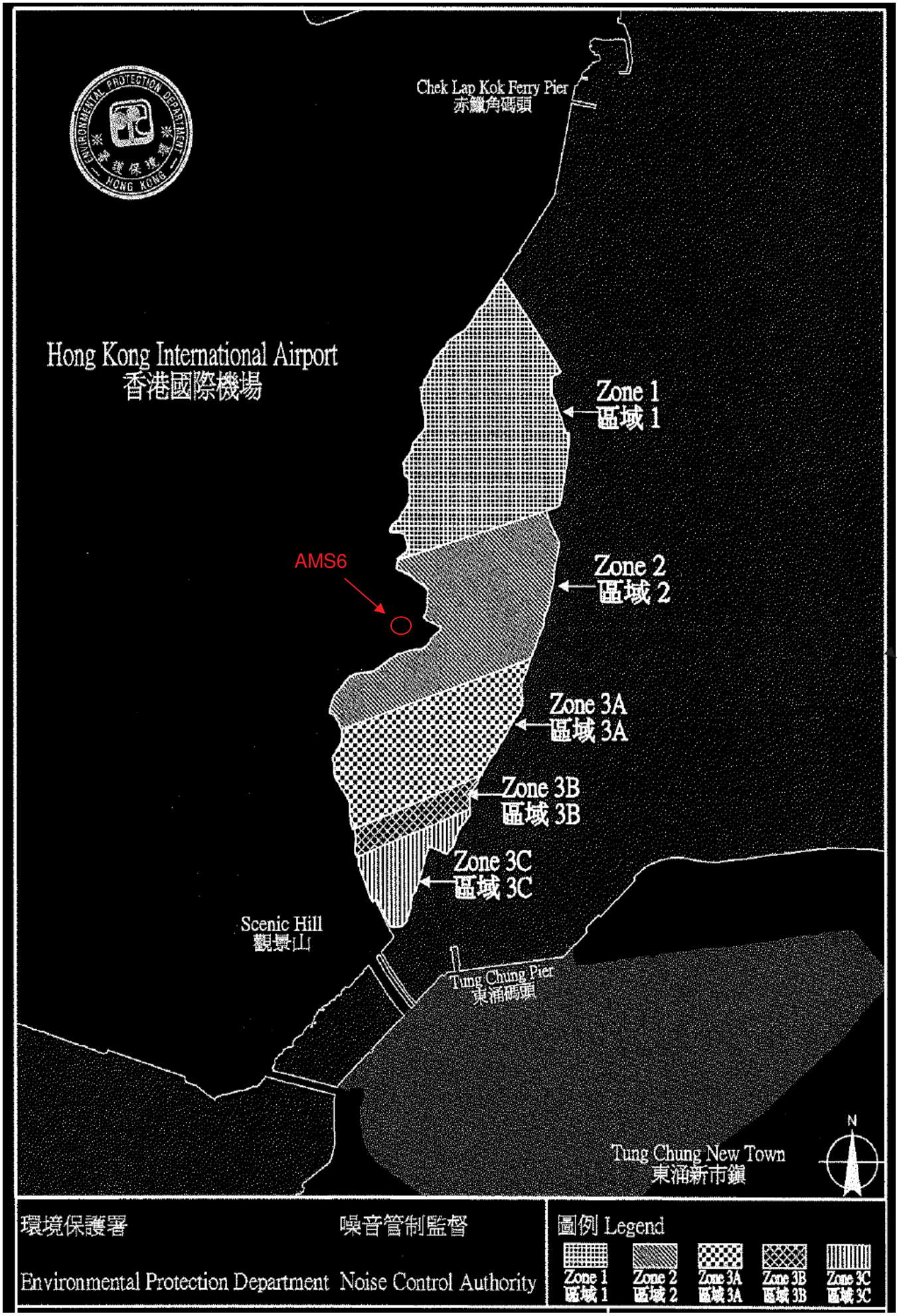
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 4 February 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
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環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 172

Date of Notification: 12 February 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 20 January 2014 and the test report was issued on 28 January 2014

Monitoring Location: AMS6 – Dragon Air Building (AMS6)

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***213***

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

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 20 January 2014.

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

Zone 1

- Stone column works
- Construction of stone platform
- Sand filling
- Geotextile tube installation

Zone 2

- Filling and leveling of stone platform

Zone 3A

- Public fill filling
- Excavation of aggregate for removal of temporary stone platform for the construction of permanent seawall
- Sand pumping

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The Air Quality Health Index (AQHI) recorded by EPD at the Tung Chung station during the sampling time ranged from 5 (moderate) to 10 (very high). Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

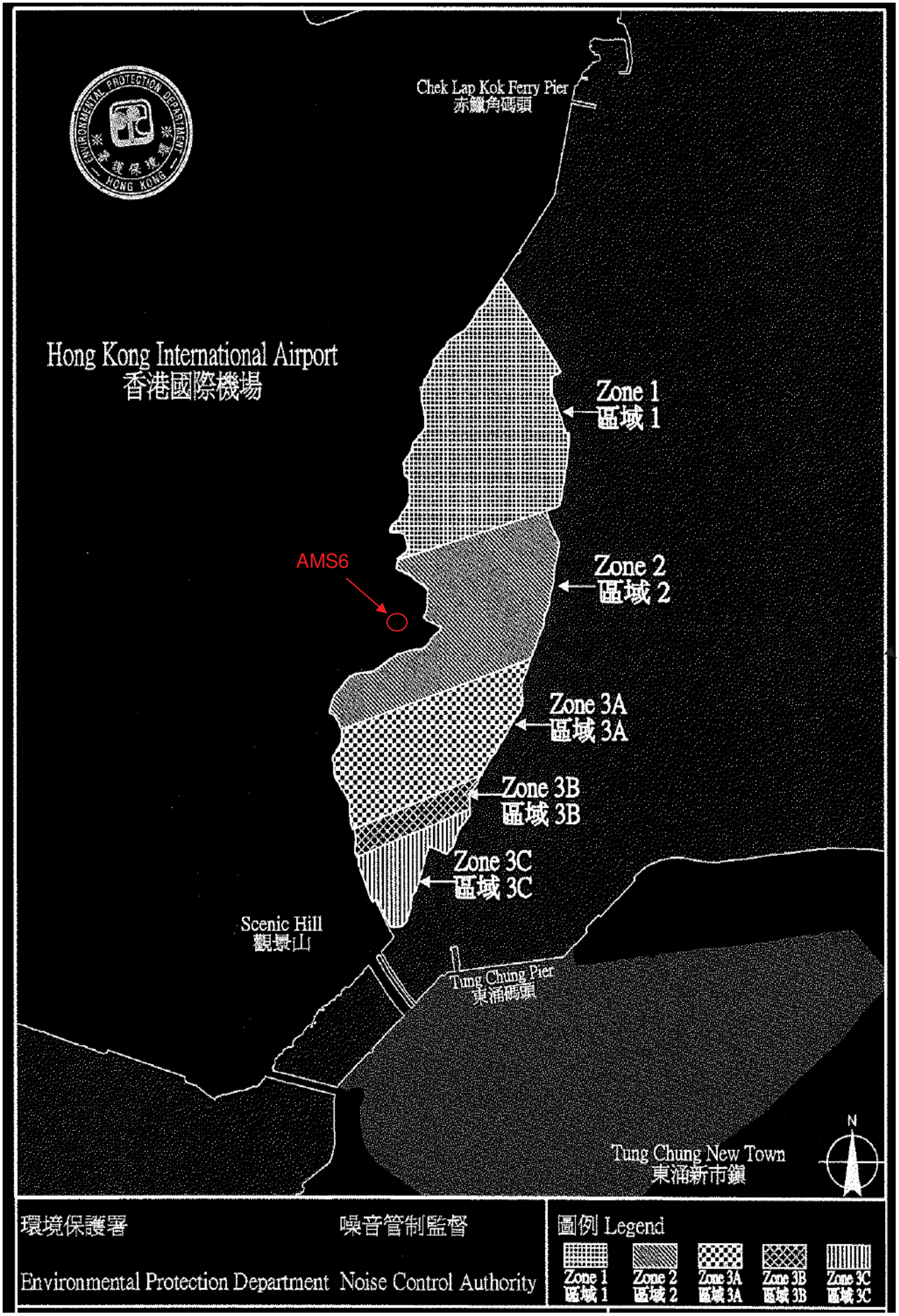
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 12 February 2014

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO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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
Notifications of Environmental Quality Limits Exceedances Notification No.: 173 ver2

Date of Notification: 5 May 2014

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 December 2013 - February 2014
	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 = 0.45; ANI = 1.34***
Northwest Lantau (NWL)	STG < 6.9 & ANI < 31.3		STG = 8.21; ANI = 32.58

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:

According to the contractor's information, the marine activities undertaken for HKLR03 during the two quarterly periods (September to November 2013 and December 2013 to February 2014) included stone platform construction, reclamation, stone column installation, band drain installation and excavation of stone platform, surcharge activities, construction of seawall and geotextile tube installation works.

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

Actions taken/ to be taken:

Inform the IEC, ER/SOR and Contractor
The ETL informed IEC, ENPO SOR and Contractor via email on 6 March 2014.

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 (sixth quarter of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0774 and 0.1671 respectively. If the alpha value is set at 0.1, significant difference was detected between the baseline and present quarters in the average dolphin encounter rates of STG, but not in the encounter rates of ANI.

For the comparison between the baseline period and the cumulative quarters in impact phase (i.e. first six quarters of the impact phase), the p-value for the differences in average dolphin encounter rates of STG and ANI were 0.0179 and 0.0092 respectively. If the alpha value is set at 0.1, significant difference was 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 December 2013 to February 2014 has been reviewed by the dolphin specialist, and only two groups of five dolphins were sighted from 163.31 km of survey effort on primary lines in NEL during the same quarter. This review has confirmed that the very low occurrence of dolphins reported by the HKLR03 monitoring survey in winter 2013 in NEL is accurate.

Identify source(s) of impact:

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

Recommendations/ mitigation measures/ actions if necessary:

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

All dolphin protective measures are fully and properly implemented in accordance with the EM&A Manual. The Contractor will continue to provide training to 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.

Reviewed by : Claudine Lee Title : ET Leader

Date : 5 May 2014

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

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

Complaint Register

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

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

Complaint Register

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

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-037	8-Oct-2013 9-Oct-2013 16-Oct-2013	--	Supervising Officer's Representative	Environmental (Noise)	The complainant complained the noise from barge operation from 21:30 to 22:30 hrs on 4 October 2013. The complainant complained that several loud bangs were heard starting from 21:00 hrs on 7 October 2013. The complainant complained that it was very noisy at the noon of 14 October 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: -minimize the quantities of plant used during restricted hours as far as practicable; and -regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-041	31-Oct-2013	21:52 hrs	EPD	Environmental (Noise)	A complaint was received on 31 October 2013 regarding the noise generated from a barge being moved by a tug boat in the morning of 31 October 2013 (around 05:55).	N/A	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during the night-time and early morning period (7pm to 7am).	Closed	-
COM-2013-043	11-Nov-2013	--	EPD	Environmental (Noise)	A complaint was received on 11 November 2013 regarding a barge moving through the southern channel of HyD's construction site after 23:00 hrs on 8 November 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-045	27-Dec-2013	--	HyD	Environmental (Noise)	A complaint was received on 27 December 2013 regarding barges operating at the south channel of Portion X in the afternoon of 26 December 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2014-046	16-Jan-2014	17:22 hrs	HyD	Environmental (Air Quality)	A complaint was received on 16 January 2014 regarding heavy exhausts generated at around 8 a.m. and 10 a.m. over past few months and or even midnight.	N/A	The Contractor has implemented the following measure to minimize exhaust fumes generated from machinery: - Maintenance for the all machinery regularly.	Closed	-
COM-2014-048	18-Jan-2014	--	EPD	Environmental (Other: Blackish mud)	A complaint was received on 18 January 2014 regarding blackish mud along the edge of the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Project near the airport in the morning of 18 January 2014.	Portion X	Based on the investigation results, it is considered that the blackish mud raised in the complaint was not related to HKLR03 Contract. In this case, no follow up action is required.	Closed	-

APPENDIX O

Mudflat Monitoring Results

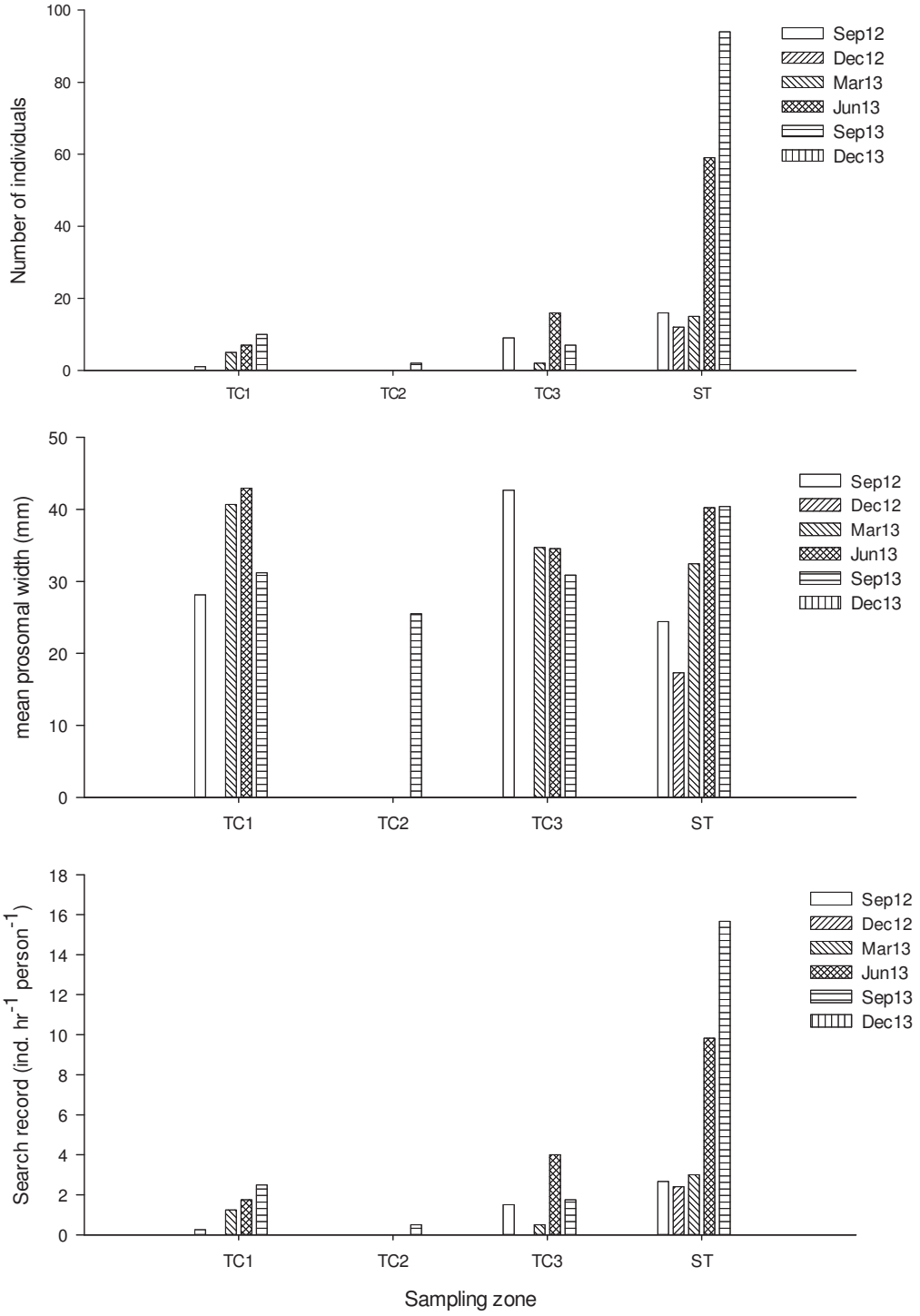


Figure 3.1. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus at the four sampling zones along the sampling months. * No individual was found in the survey of Dec. 2013.*

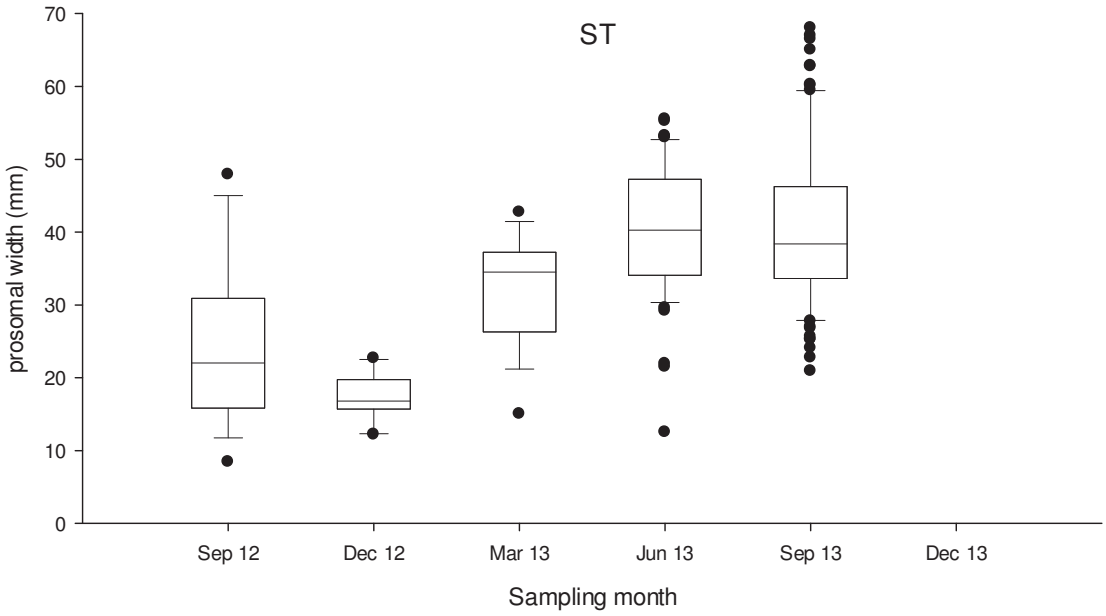


Figure 3.2. *Box plot of prosomal width of horseshoe crab Tachypleus tridentatus at the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.) * No individual was found in the survey of Dec. 2013.*

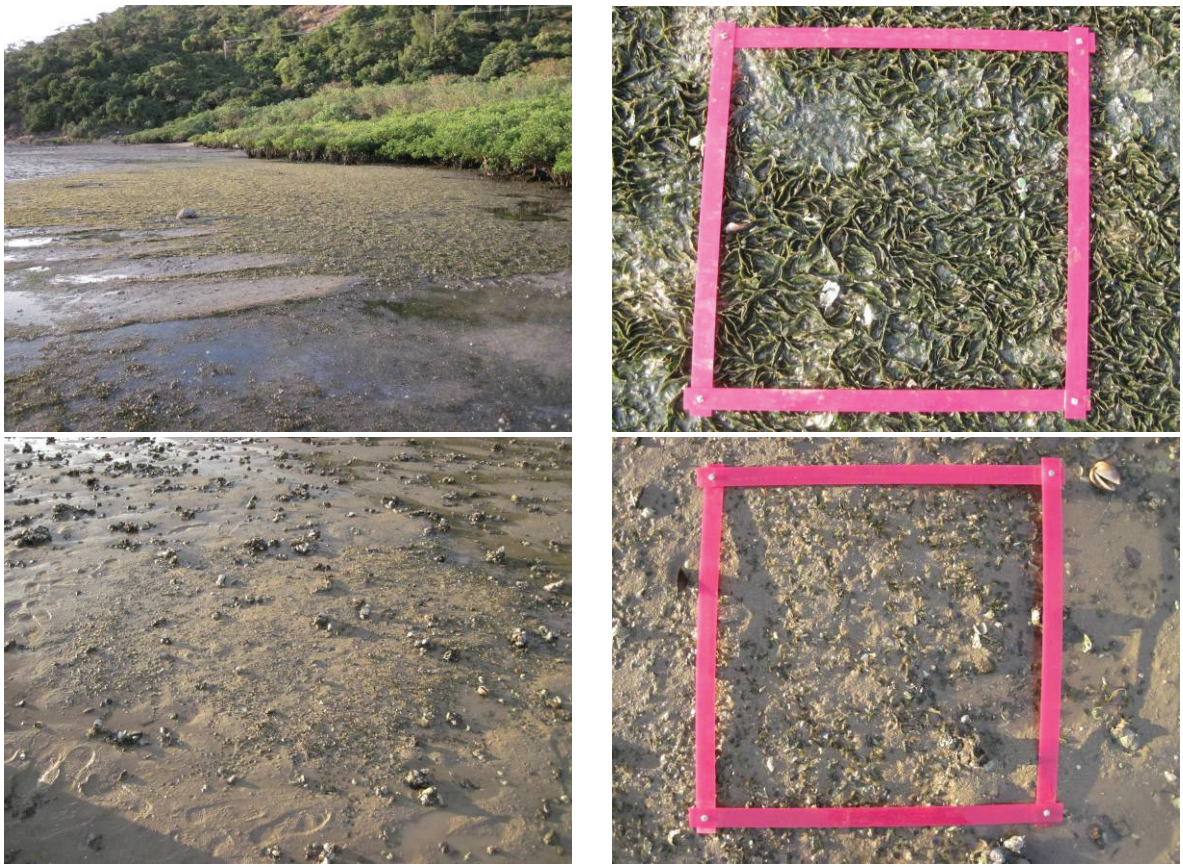
Table 3.1. *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	Estimated coverage (%)	GPS coordinate	Remark
TC1 (search hour = 2 hr) & TC2 (search hour = 2 hr) & TC3 (search hour = 2 hr)				
No record				
ST (search hour = 2 hr)				
Halophila ovalis	70.6	90-100	Fr : 22º 17.212' N 113º 55.475' E To : 22º 17.218' N 113º 55.475' E	A medium patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
	51.5	90-95	Fr : 22º 17.219' N 113º 55.477' E To : 22º 17.214' N 113º 55.481' E	
	511.5	90-100	Fr : 22º 17.210' N 113º 55.476' E To : 22º 17.196' N 113º 55.477' E	A large patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
	5.4	15	22° 17.209' N 113° 55.475' E	
	5.0	5	22° 17.201' N 113° 55.490' E	
	1.8	5	22° 17.199' N 113° 55.493' E	
	4.0	5	22° 17.188' N 113° 55.506' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
	1.0	5	22° 17.185' N 113° 55.508' E	
	1.2	50	22° 17.166' N 113° 55.512' E	
	33.9	50	22° 17.161' N 113° 55.505' E	
	6.9	50	22° 17.152' N 113° 55.503' E	

Table 3.1 (Cont'd). *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	Estimated coverage (%)	GPS coordinate		Remark
ST (search hour = 2 hr)					
Halophila ovalis	1.5	50	22° 17.174' N	113° 55.487' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
	1.8	25	22° 17.176' N	113° 55.485' E	
	3.4	50	22° 17.179' N	113° 55.482' E	
	6.4	80	22° 17.182' N	113° 55.483' E	
	2.9	5	22° 17.181' N	113° 55.486' E	
	13.0	25	22° 17.158' N	113° 55.490' E	
	5.5	30	22° 17.152' N	113° 55.495' E	
no. of patches	18				
Total area (m^2)	727.4				
Average area (m^2)	40.4				
Zostera japonica	5.4	20-30	22º 17.209' N	113º 55.475' E	A small patch grown in the long strand of another seagrass species *Halophila ovalis*
no. of patches	1				
Total area (m^2)	5.4				
Average area (m^2)	5.4				

Halophila ovalis



Zostera japonica

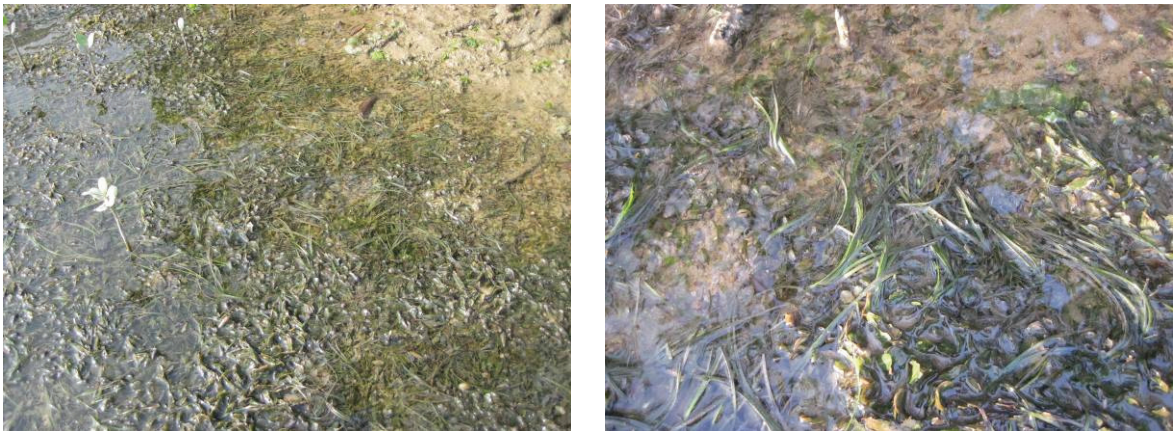


Figure 3.3. *Examples of photographic records of seagrass beds survey at ST (taken on 18/12/2013)*

Figure 3.4. P*hotographic records of flower of seagrass bed Halophila ovalis at ST (taken on 18/12/2013)*

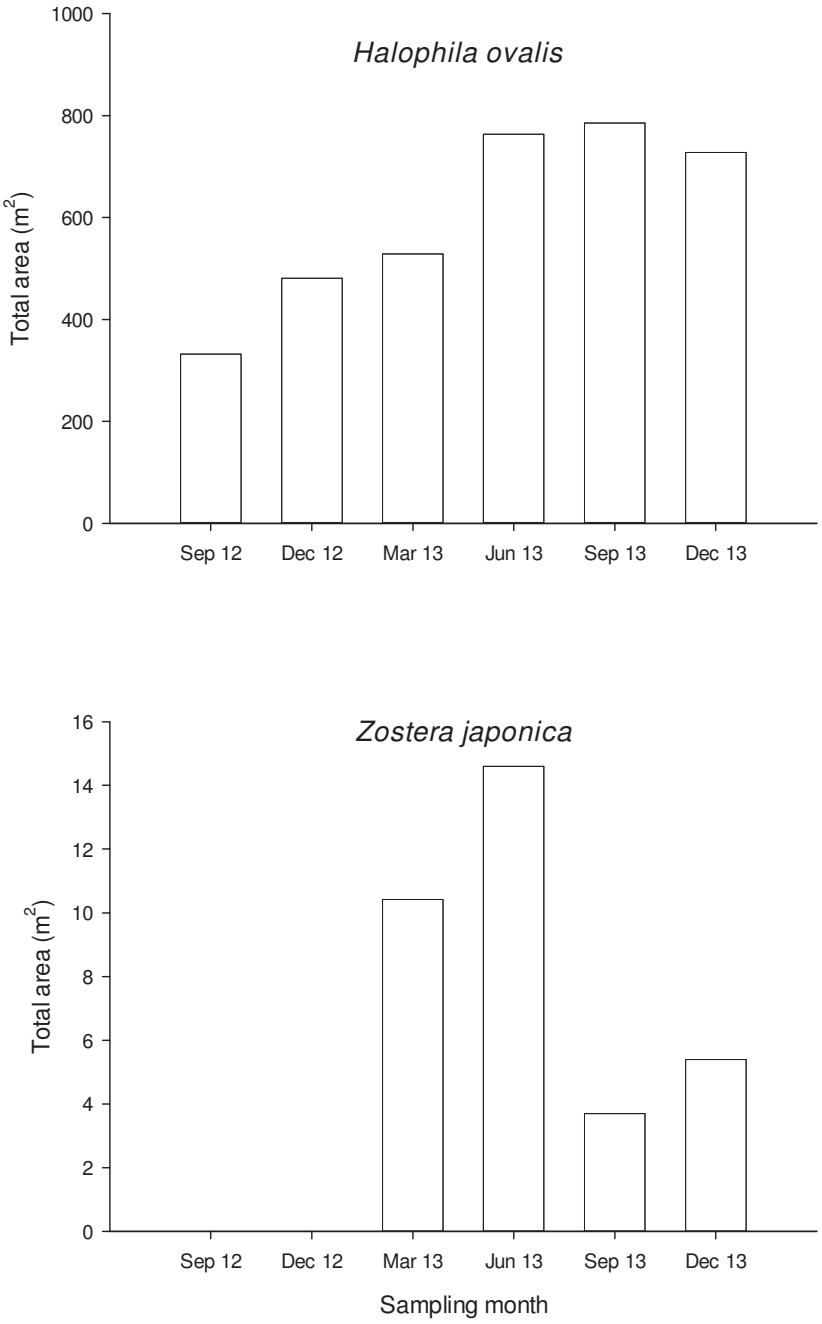


Figure 3.5. *Changes of estimated total area of seagrass beds at sampling zone ST along the sampling months*

Table 3.2. *Relative distribution (%) of types of substratum along the horizontal transect at every tidal level and sampling zone.*

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

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

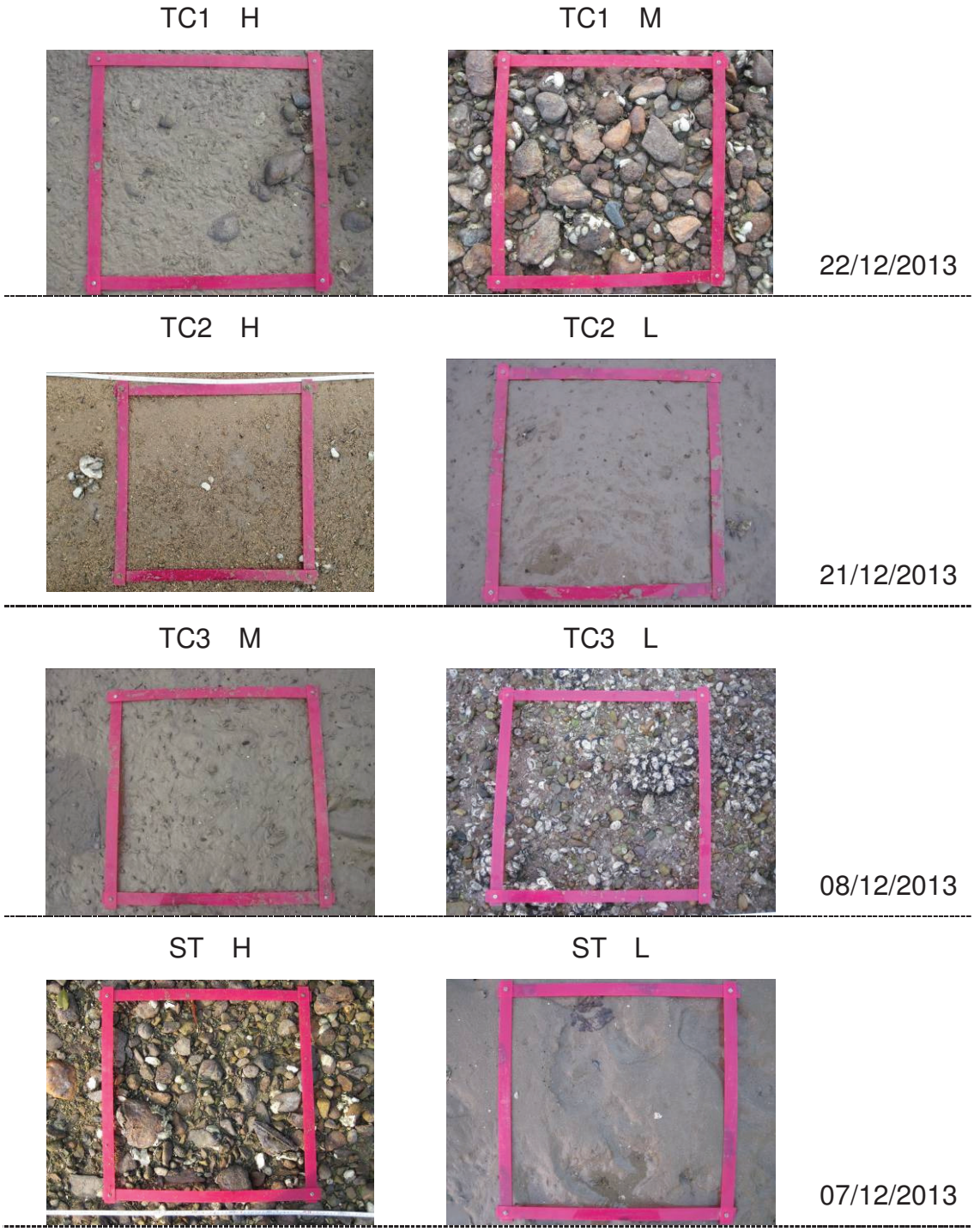


Figure 3.6. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

Table 3.3. *Total abundance, density and number of taxon of every phylum*

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Dec 2013				
Mollusca	13369	97.5	446	43
Arthropoda	201	1.5	7	12
Annelida	89	0.6	3	9
Sipuncula	36	0.3	1	1
Cnidaria	12	0.1	0	1
Echinodermata	7	0.1	0	2
Nemertea	3	0.0	0	1
Platyhelminthes	1	0.0	0	1
Total	13718			

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

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

Table 3.4. *The number of individuals, relative abundance (percentage) and density of each phylum at every sampling zone.*

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	14	0.4	2	40	1.6	5	21	0.4	3	14	0.5	2
Arthropoda	64	1.9	9	51	2.0	7	63	1.3	8	23	0.8	3
Cnidaria	1	0.0	0				1	0.0	0	10	0.3	1
Echinodermata	3	0.1	0	2	0.1	0	1	0.0	0	1	0.0	0
Mollusca	3250	97.3	433	2419	96.1	323	4759	97.7	635	2941	98.3	392
Nemertea	1	0.0	0	1	0.0	0	1	0.0	0			
Platyhelminthes							1	0.0	0			
Sipuncula	8	0.2	1	3	0.1	0	23	0.5	3	2	0.1	0
Sub-total	3341			2516			4870			2991		

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 3.5. *The abundant species (relative abundance >10%) at every sampling zone.*

Sampling zone TC1	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	327	79	79
Mid	G	*Batillaria multiformis*	382	59	59
	Bi	*Saccostrea cucullata*	123	19	77
	G	*Monodonta labio*	73	11	89
Low	Bi	*Saccostrea cucullata*	97	36	36
	G	*Batillaria zonalis*	38	14	50
	Bi	*Xenostrobus atrata*	30	11	61
	G	*Lunella coronata*	29	11	72

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species (relative abundance >10%) at every sampling zone.*

Sampling zone TC2	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	192	39	39
	G	*Batillaria multiformis*	147	30	69
	G	*Cerithidea cingulata*	66	13	82
	G	*Batillaria zonalis*	50	10	92
Mid	Bi	*Saccostrea cucullata*	124	32	32
	G	*Cerithidea djadjariensis*	72	19	51
	G	*Batillaria zonalis*	58	15	65
Low	G	*Batillaria zonalis*	35	28	28
	G	*Cerithidea djadjariensis*	30	24	52
	Bi	*Saccostrea cucullata*	23	18	71

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species at every sampling zone.*

Sampling zone TC3	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	238	54	54
	G	*Cerithidea djadjariensis*	144	33	87
Mid	G	*Batillaria multiformis*	379	58	58
	G	*Cerithidea djadjariensis*	105	16	74
Low	G	*Batillaria multiformis*	390	46	46
	Bi	*Saccostrea cucullata*	165	19	65
	G	*Monodonta labio*	119	14	79

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species at every sampling zone.*

Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	522	73	73
	G	*Monodonta labio*	74	10	84
Mid	Bi	*Saccostrea cucullata*	143	38	38
	G	*Batillaria multiformis*	54	14	52
	G	*Monodonta labio*	46	12	64
	G	*Lunella coronata*	40	10	75
Low	G	*Batillaria zonalis*	32	29	29
	Bi	*Saccostrea cucullata*	24	22	51

Bi = Bivalve, G = Gastropod

Table 3.6. *Mean values of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and sampling zone*

Sampling zone	Tidal level	Mean number of species (spp. 0.25 m^{-2})	Mean density (ind. m^{-2})	Mean *H'*	Mean *H'* across tidal level	Mean *J*	Mean *J* across tidal level
TC1	H	5	413	0.66		0.37	
	M	11	652	1.37	1.25	0.60	0.57
	L	11	272	1.73		0.73	
TC2	H	8	495	1.33		0.65	
	M	10	388	1.57	1.44	0.72	0.72
	L	7	124	1.43		0.79	
TC3	H	6	439	0.87		0.49	
	M	9	656	1.12	1.17	0.54	0.55
	L	12	852	1.51		0.62	
ST	H	12	710	1.11		0.44	
	M	13	379	1.81	1.49	0.72	0.66
	L	7	107	1.55		0.81	

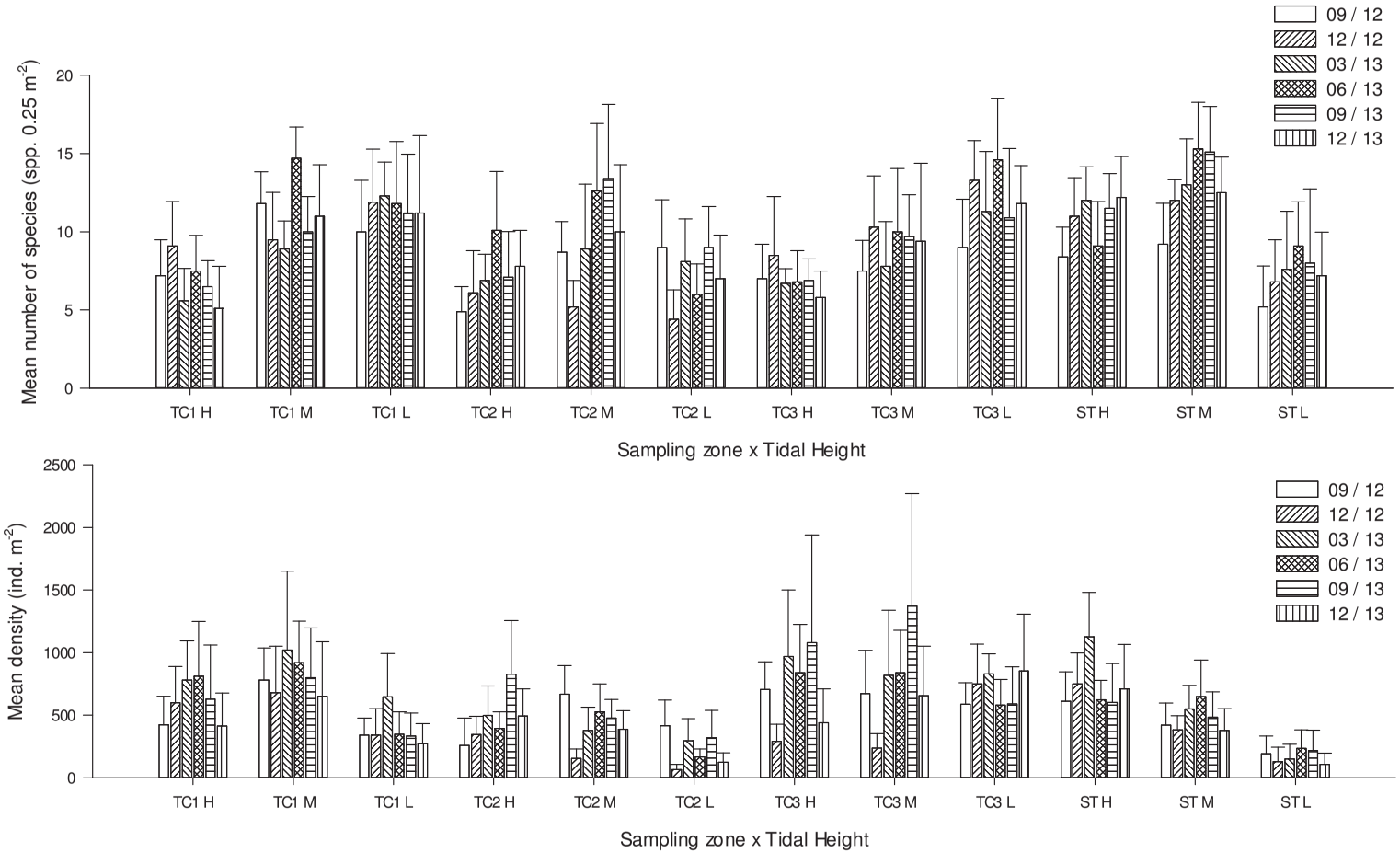


Figure 3.7. *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

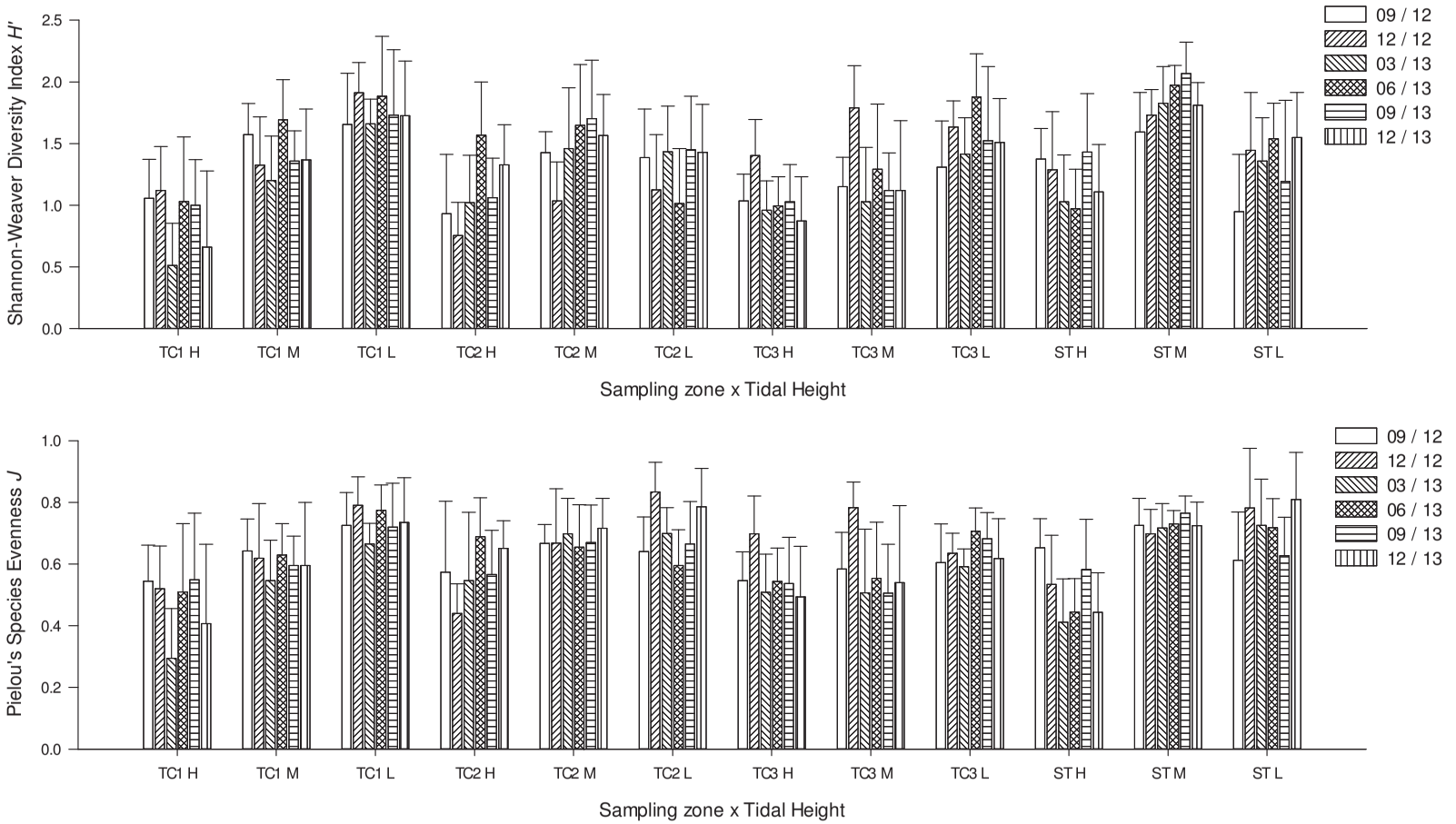


Figure 3.7 (Cont'd). *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

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

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glyceridae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.
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 lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Portunidae	*Charybdis affinis*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Holothuroidea			Sea cucumber spp.
Animalia	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	*Amphioplus depressus*
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Scapharca cornea*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Mesodesmatidae	*Caecella chinensis*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Anomalocardia squamosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Dosinia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Marcia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Meretrix meretrix*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Planaxidae	*Planaxis sulcatus*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	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	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
Animalia	Mollusca	Gastropoda		Trochidae	*Euchelus scaber*
Animalia	Mollusca	Gastropoda		Trochidae	*Monodonta labio*
Animalia	Mollusca	Gastropoda		Turbinidae	*Chlorostoma argyrostoma*
Animalia	Mollusca	Gastropoda		Turbinidae	*Lunella coronata*
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	*Lepidozona* sp.

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

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

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

Dec 2013 Sampling zone TC 1 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Geloina erosa*	3														1						4
Bi	*Saccostrea cucullata*	3				19		1		5												28
Bi	*Xenostrobus atrata*					2		1														3
C	*Hemigrapsus penicillatus*					2																2
G	*Batillaria multiformis*	13		27		173		146		103		31	1	142		92	15	3		72		818
G	*Batillaria zonalis*	3		1																		4
G	*Cerithidea cingulata*	6		8						1						1	11					27
G	*Cerithidea djadjariensis*	7		37		13								1		6	3			3		70
G	*Cerithidea rhizophorarum*			3		2						1		1								7
G	*Clithon faba*	9														3				2		14
G	*Clithon oualaniensis*	9														1						10
G	*Littoraria articulata*					9				2												11
G	*Monodonta labio*	2				6		6		4				3		2				10		33
G	*Nerita polita*			1																		1
G	*Patelloida pygmaea*					1																1
																					Total	1033

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

Dec 2013 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*			1																		1
Bi	*Barbatia signata*			1						1												2
Bi	*Barbatia virescens*	3		1				1				1										6
Bi	*Geloina erosa*	1																				1
Bi	*Ruditapes philippinarum*	1																				1
Bi	*Saccostrea cucullata*	13		73				51		29		59		23		17		28		14		307
Bi	*Xenostrobus atrata*			7				4		3		3		1						7		25
C	*Hemigrapsus penicillatus*			2		1		1		1				1		2		1				9
C	*Metopograpsus latifrons*			1								1										2
C	*Nanosesarma minutum*							4		2		1		1								8
C	*Uca* sp.						1															1
Cn	Sea anemone spp.																			1		1
Ec	Sea cucumber spp.	1										1										2
G	*Batillaria multiformis*	7		22				35		75		137		123		91		94		370		954
G	*Cellana grata*	1		2						2				2		2						9
G	*Cellana toreuma*			1																		1
G	*Cerithidea cingulata*	1		1										2		1				1		6
G	*Cerithidea djadjariensis*	16		1		1		1		1				2		3		7				32
G	*Cerithidea rhizophorarum*	1														2		4				7

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

Dec 2013 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Clithon faba*	2												6		3		7				18
G	*Clithon oualaniensis*					1										1						2
G	*Lepidozona* sp.							1														1
G	*Littoraia melanostoma*							1														1
G	*Littoraria articulata*									1										4		5
G	*Lunella coronata*	9		5						3		2				3		3				25
G	*Monodonta labio*	8		33				25		18		33		24		14		14		13		182
G	*Nassarius festivus*													1				3				4
G	*Nassarius* sp.											1						1				2
G	*Nerita polita*			2										2								4
G	*Patelloida pygmaea*			1						4						1						6
G	Peasiella spp.	1																				1
Ne	Nemertea spp.											1										1
Ol	Marine oligochaete spp.																			1		1
P	Nereididae spp.											1										1
																					Total	1629

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

Dec 2013 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*							4				2		2		7		6		5		26
Bi	*Barbatia signata*	2		1										2		1				3		9
Bi	*Barbatia virescens*	1				4								4				2		8		19
Bi	*Dosinia japonica*																				1	1
Bi	*Ruditapes philippinarum*													1						5		6
Bi	*Saccostrea cucullata*	48		24		67		8				4		15		7		9		61		243
Bi	*Xenostrobus atrata*	1		6		26		1						26						15		75
C	*Hemigrapsus penicillatus*			2										2						5		9
C	*Metopograpsus latifrons*					1														1		2
Ec	Sea cucumber spp.																1					1
G	*Batillaria bornii*														1						1	2
G	*Batillaria multiformis*	6		3				4		3	1	5		3	2	1		4		5		37
G	*Batillaria zonalis*			9		8		8		32	1	16	2	3	1	10		6				96
G	*Cerithidea cingulata*					1					1						1					3
G	*Cerithidea djadjariensis*	1		4		2		4	1	1												13
G	*Cerithidea rhizophorarum*							3														3
G	*Chlorostoma argyrostoma*																			1		1
G	*Clithon faba*															1				1		2
G	*Euchelus scaber*					2														3		5

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

Dec 2013 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	*Lunella coronata*	13		9		18		2				1		9		3		7		11		73
G	*Monodonta labio*	11										1		3						1		16
G	*Nassarius festivus*													1						3		4
G	*Nassarius* sp.										1						1					2
G	*Nerita polita*	1																		3		4
G	*Nipponacmea concinna*	1																				1
G	*Patelloida pygmaea*																			1		1
G	Peasiella spp.																	1				1
Hc	*Pagurus dubius*					1										1		1		1		4
P	Maldanidae spp.										1				1		2					4
P	Nereididae spp.							1							1						2	4
P	Onuphidae spp.										1				1							2
P	Oweniidae spp.														1	1						2
Sp	*Sipunculus nudus*			4		3															1	8

Total 679

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

Dec 2013 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*	2																				2
Bi	*Anomalocardia squamosa*																			1		1
Bi	*Barbatia virescens*											1										1
Bi	*Marcia japonica*															1						1
Bi	*Ruditapes philippinarum*																			3		3
Bi	*Saccostrea cucullata*	7				1				5		18		3		8				1		43
Bi	*Xenostrobus atrata*																			1		1
C	*Hemigrapsus penicillatus*															1						1
G	*Batillaria multiformis*			8		30	2	103	1	71		35	5	15	1	22	1	27	5	40	2	368
G	*Batillaria zonalis*					4		10		18	1			14		19		22	1	35		124
G	*Cerithidea cingulata*	8	1	4		29	5	6	7	12	2	39	5	3	3	2		4	9	14	11	164
G	*Cerithidea djadjariensis*	32	5	51	7	80	17	3	17	49	7	86	8	20	14	8		17	17	43		481
G	*Cerithidea rhizophorarum*			1		1								1								3
G	*Clithon oualaniensis*																	1		3		4
G	*Lepidozona* sp.											1										1
G	*Lunella coronata*	2						1		2		4								3		12
G	*Monodonta labio*									1		7		1								9
G	*Nassarius festivus*	4										1		1		1			1	2		10
G	*Nassarius* sp.									1		1		1								3

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

Dec 2013 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	Ampharetidae spp.				1																	1
P	Maldanidae spp.																1		1		1	3
P	Oweniidae spp.																		1			1
																					Total	1237

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

Dec 2013 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*					3		1												1		5
Bi	*Barbatia signata*					1						7		1								9
Bi	*Barbatia virescens*											1		1								2
Bi	*Cyclina sinesis*																		1			1
Bi	*Isognomon isognomon*											1										1
Bi	*Ruditapes philippinarum*							1												1		2
Bi	*Saccostrea cucullata*	92		49		75		27				31		32						3		309
Bi	*Xenostrobus atrata*	3		5		13						1		4								26
C	*Hemigrapsus penicillatus*	2				2		4				2		1								11
C	*Macrophthalmus erato*											1										1
Ec	Sea cucumber spp.	1																				1
G	*Batillaria bornii*											2		1	2							5
G	*Batillaria multiformis*	4		1		20		6		5		1		4	1	25	1	12	2	13		95
G	*Batillaria zonalis*							1		11	1	2		18		28		35	3	45		144
G	*Cellana toreuma*	2				1						1										4
G	*Cerithidea cingulata*	2				5		7				2		1		6		3	2	2		30
G	*Cerithidea djadjariensis*	11		2		18		10		14	2	20		10	7	19	9	19	10	25	5	181
G	*Cerithidea rhizophorarum*			2		2								1								5
G	*Littoraria articulata*	2		7																		9

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

Dec 2013 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*	1				8		8				6		6				2				31
G	*Monodonta labio*	36		25		7		3				4										75
G	*Nassarius festivus*							1						1								2
G	*Nassarius* sp.							2												1		3
G	*Nerita polita*			1								1										2
Hc	*Pagurus dubius*											1										1
Ol	Marine oligochaete spp.	2				4																6
P	Maldanidae spp.									4							1					5
P	Oweniidae spp.															1						1
Sp	*Sipunculus nudus*											3										3
																			Total			970

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

Dec 2013 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*	15				12												3				30
Bi	*Anomalocardia squamosa*												1			1						2
Bi	*Caecella chinensis*										1											1
Bi	*Dosinia japonica*												1									1
Bi	*Meretrix meretrix*	1																				1
Bi	*Saccostrea cucullata*	24		2		13		3										15				57
Bi	*Scapharca cornea*																	1				1
Bi	*Xenostrobus atrata*	2																				2
Ec	*Amphioplus depressus*														1							1
G	*Batillaria multiformis*			1			1									2		1				5
G	*Batillaria zonalis*			8		16	1	6		1				27		19		6	1	3		88
G	*Cellana toreuma*	2																				2
G	*Cerithidea cingulata*		1	1					1		1				1							5
G	*Cerithidea djadjariensis*	3	6	6		3	2	6	3	6	2			8		11	4	9	1	3	1	74
G	*Cerithidea rhizophorarum*															2			1	1		4
G	*Lunella coronata*	1																2				3
G	*Monodonta labio*	1							1													2
G	*Nassarius festivus*									1						1						2
G	*Nassarius hepaticus*																1					1

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

Dec 2013 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius* sp.																	1				1
G	*Pisania ignea*	1				1																2
Ne	Nemertea spp.										1											1
P	Goniadidae spp.																	1				1
P	Maldanidae spp.				4		2		1								2					9
P	Nereididae spp.																				1	1
P	Onuphidae spp.				1		2				1					1	2		1	1	2	11
P	Oweniidae spp.										1											1
																					Total	309

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

Dec 2013 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	*Dosinia japonica*		1														1					2
Bi	*Laternula anatina*		1																			1
Bi	*Saccostrea cucullata*					16						1						3				20
Bi	*Xenostrobus atrata*					1																1
C	*Nanosesarma minutum*			1																		1
C	*Uca lactea*													3				4				7
C	*Uca* sp.								1												1	2
G	*Batillaria multiformis*	5	3	81	11	74	16	37	11		29	12	1	71				191	5	49		596
G	*Batillaria zonalis*													1								1
G	*Cellana toreuma*					3																3
G	*Cerithidea cingulata*	10	1	12		2		1				21	1	2	1	6	1	6	2	7		73
G	*Cerithidea djadjariensis*	94		53	1	4	5	2	1			50		44	1	17		37	6	45		360
G	*Cerithidea rhizophorarum*	3		3								2				1	1	2		1		13
G	*Clithon faba*																	1				1
G	*Clithon oualaniensis*	1																				1
G	*Nassarius festivus*													1				1				2
Ne	Nemertea spp.																1					1
Ol	Marine oligochaete spp.								1													1
P	Ampharetidae spp.												2									2

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

Dec 2013 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Maldanidae spp.												6				2					8
P	Nereididae spp.																1					1
S	*Penaeus* sp.										1											1
																					Total	1098

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

Dec 2013 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*			6				7				1		1								15
Bi	*Anomalocardia squamosa*						1															1
Bi	*Barbatia signata*			3																		3
Bi	*Saccostrea cucullata*			43								19		16						5		83
Bi	*Xenostrobus atrata*			17										2								19
C	*Hemigrapsus penicillatus*			1								2		1								4
C	*Uca lactea*															1		4		2		7
Ec	Sea cucumber spp.													1								1
G	*Batillaria multiformis*	7	6	72	23	3		5			1	43	1	281	13	220	3	197	3	64	6	948
G	*Batillaria zonalis*	3	3	2	1			3	2			5	1									20
G	*Cellana grata*													1								1
G	*Cellana toreuma*			7																		7
G	*Cerithidea cingulata*	68	20		1	7		7	1		1	8		10	6	3	3	1		24	2	162
G	*Cerithidea djadjariensis*	50	3	2	1	68	7	46	2		2	30		8	4	5	5	3		23	4	263
G	*Cerithidea rhizophorarum*					8		1				3		1	1					4		18
G	*Clithon oualaniensis*			1		2														1		4
G	*Littoraria articulata*					1						3										4
G	*Lunella coronata*			4								4		1								9
G	*Monodonta labio*			10								4		10		6		1		2		33

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

Dec 2013 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius festivus*		1			1						1										3
G	*Nassarius* sp.				4							1										5
G	*Nerita polita*			2								6		1						1		10
Hc	*Pagurus dubius*					1		1				11										13
P	Ampharetidae spp.												1		1							2
P	Maldanidae spp.				1		1		1								1					4
P	Nereididae spp.													1								1
Pl	Platyhelminthes spp.														1							1
																				Total		1641

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

Dec 2013 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*	3		7				1				6		1								18
Bi	*Barbatia virescens*	3		9						5		9										26
Bi	*Geloina erosa*	3																		2		5
Bi	*Saccostrea cucullata*	3		51		51		20		42		65		44		29		36		18		359
Bi	*Xenostrobus atrata*	3		9								15		27		4		17				75
C	*Hemigrapsus penicillatus*	3								3								1				7
C	*Metopograpsus latifrons*	3										2										5
C	*Nanosesarma minutum*	3		1														1				5
Cn	Sea anemone spp.	3												1								4
G	*Batillaria multiformis*	3		32		23		11		100		13		66		232		356		131		967
G	*Batillaria zonalis*	3								1						1						5
G	*Cellana grata*	3														1				2		6
G	*Cellana toreuma*	3		4																		7
G	*Cerithidea cingulata*	3		2				17								1		6		2		31
G	*Cerithidea djadjariensis*	3		1				72								1		3		15		95
G	*Cerithidea rhizophorarum*	3				1		6										4		5		19
G	*Clithon faba*	3																		1		4
G	*Clithon oualaniensis*	3								1								1		3		8
G	*Littoraria articulata*	3								1		3		4		1						12

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

Dec 2013 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	3		5		4		1		7		12		2		11		8		6		59
G	*Monodonta labio*	3		8		9		6		15		76		49		48		44		17		275
G	*Nassarius festivus*	3				1																4
G	*Nerita polita*	3								3		6		1				1				14
G	*Nipponacmea concinna*	3																				3
G	*Patelloida pygmaea*	3						2		4		3		7		1		2		1		23
G	*Thais luteostoma*	3										4										7
Hc	*Pagurus dubius*	3								1		2										6
P	Nereididae spp.	3																		1		4
P	Polynoidae spp.	3										1										4
Sp	*Sipunculus nudus*	3		3		2		14				4										26

Total 2083

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

Dec 2013 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 signata*									1				1						1		3
Bi	*Barbatia virescens*	1												2		1				3		7
Bi	*Geloina erosa*															1						1
Bi	*Saccostrea cucullata*	6		6		4		11		24		14		19		7		10		15		116
Bi	*Xenostrobus atrata*							1		4		1						1				7
C	*Hemigrapsus penicillatus*							1				3						1		1		6
C	*Nanosesarma minutum*															1		1				2
Cn	Sea anemone spp.	1						4		1		2								1		9
G	*Batillaria bornii*	1		1						1				1						4		8
G	*Batillaria multiformis*	56		141		91		357		189		80		92		66		142		91		1305
G	*Batillaria zonalis*			2																		2
G	*Cellana grata*											5		1		3		1		2		12
G	*Cerithidea cingulata*	1						1				1				2				1		6
G	*Cerithidea djadjariensis*	2		3		1						1		1		2		1		2		13
G	*Cerithidea rhizophorarum*							1								1				1		3
G	*Clithon faba*			1		2				2										1		6
G	*Clithon oualaniensis*	1		1		1		2				1		2		3				6		17
G	*Dentalium sinuosum*							1														1

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

Dec 2013 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*	1								1												2
G	*Lunella coronata*	1		3		4		2		5		1		4		4		4		11		39
G	*Monodonta labio*	4		5		18		8		26		20		30		31		25		17		184
G	*Nerita polita*	1								3		2		2		2		3		1		14
G	*Patelloida pygmaea*			1				1				1		2		1		1		3		10
G	*Planaxis sulcatus*	1								1												2
																					Total	1776

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

Dec 2013 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*																	2				2
Bi	*Barbatia signata*	1										7						4		1		13
Bi	*Barbatia virescens*	2										1		8		1		1		7		20
Bi	*Dosinia japonica*				1																	1
Bi	*Ruditapes philippinarum*											1										1
Bi	*Saccostrea cucullata*	74		22		46		9				55		39		34		38		41		358
Bi	*Xenostrobus atrata*	10				3						1		1								15
C	*Charybdis affinis*											1						1				2
C	*Hemigrapsus penicillatus*	1														1				1		3
C	*Nanosesarma minutum*													1								1
Cn	Sea anemone spp.													1								1
Ec	Sea cucumber spp.				1																	1
G	*Batillaria bornii*				1	1		2				4		8		4		3				23
G	*Batillaria multiformis*	54		5	1	4		2		6		7		9		10		7		30		135
G	*Batillaria zonalis*			1		3		3		9	1											17
G	*Cellana grata*													3		4		2		4		13
G	*Cerithidea cingulata*	1								1												2
G	*Cerithidea djadjariensis*	2		2		6		21		7				4		3		1				46
G	*Cerithidea rhizophorarum*							3		2	1											6

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

Dec 2013 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	*Clithon oualaniensis*											1										1
G	*Dentalium sinuosum*										1											1
G	*Euchelus scaber*					1						3				2		6		1		13
G	*Lepidozona* sp.															1		1				2
G	*Lunella coronata*	3		4		10		5		2		7		15		17		28		8		99
G	*Monodonta labio*	15		6		1						17		19		23		17		17		115
G	*Nassarius festivus*	1								1		1		1		2		3		1		10
G	*Nassarius* sp.	11						1														12
G	*Nerita polita*			2		1						2		2		1		8				16
G	*Patelloida pygmaea*																			3		3
G	*Thais luteostoma*	2														1				2		5
Hc	*Clibanarius* sp.															1						1
Hc	*Pagurus dubius*					1								1								2
P	Glyceridae spp.					1																1
P	Maldanidae spp.										1											1
P	Onuphidae spp.				1						3											4
Sp	*Sipunculus nudus*					1																1

Total 947

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

Dec 2013 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 signata*	1												1		1		1				4
Bi	*Barbatia virescens*	5		3																		8
Bi	*Dosinia japonica*		1								3						1					5
Bi	*Geloina erosa*	1																				1
Bi	*Ruditapes philippinarum*	1												1								2
Bi	*Saccostrea cucullata*	25		22		2								3		4		3				59
Bi	*Xenostrobus atrata*			2																		2
G	*Batillaria bornii*	6																				6
G	*Batillaria multiformis*					1		3		3										3		10
G	*Batillaria zonalis*	7	1				2	17		32	2	3		1	11					3		79
G	*Cellana toreuma*			1																		1
G	*Cerithidea cingulata*										1	1								1		3
G	*Cerithidea djadjariensis*	2	4	2			1			1	1	1		3	2			1		1		19
G	*Cerithidea rhizophorarum*						1	1														2
G	*Euchelus scaber*	4	7			2										2						15
G	*Lepidozona* sp.			2																		2
G	*Lunella coronata*	1		14				1						3		2						21
G	*Monodonta labio*			6				1								1		1				9

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

Dec 2013 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	*Nassarius festivus*									1				1					1			3
G	*Nerita polita*	1																				1
G	*Patelloida pygmaea*	1		3																		4
P	Glyceridae spp.											1										1
P	Maldanidae spp.																				1	1
P	Onuphidae spp.						1				3	1	1									6
S	*Alpheus* sp.	1																				1
Sp	*Sipunculus nudus*															1						1
																				Total		268

Faunal group (Gp) label

Ba: Barnacle; Bi: Bivalve; C: Crab; Cn: Cnidarin; Ec: Echinoderm; G: Gastropod; Hc: Hermit crab; Ne: Nemertean; Ol: Oligochaete; P: Polychaete; Pl: Platyhelminthes; S: Shrimp & Prawns; Sp: Sipuculan