

# CONTRACT NO: CV/2004/02

# RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

# ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (WONG SHEK)

- NOV 2005 -

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	Subject	Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko L Monthly EM&A Summary Report	au Wan Public	Piers		IN Be

We refer to the November Monthly EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 10 January 2006 and are pleased to confirm we have no comment on the reports.

Should you require further information, please feel free to contact us.

Best regards,

Joseph Poon Independent Environmental Checker

JP/cy

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# EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for Nov 2005 under Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers. This report presents the environmental monitoring and auditing (EM&A) findings based on data and information recorded from the period  $1^{st}$  to  $30^{th}$  Nov 2005 for the construction of Wong Shek Public Pier.

## Construction Activities for the Reported Period

During this reporting period, the principal work activities at Wong Shek Pier include:

- Construction of main piles
- Erection of temporary unloading point

## Water Quality Monitoring

24 water quality monitoring events in terms of turbidity, dissolved oxygen, suspended solids, temperature, and salinity was carried out at MW1, MW2, CW1 and CW2 at Wong Shek.

Fluctuations for dissolved oxygen, turbidity and suspended solids resembled those fluctuations at the control stations which indicated that all the exceedances in water quality monitoring were due to natural phenomena and agreed with the changes in the control stations. Causation due to construction activities is unlikely and there were no valid exceedance for this reporting period.

### Waste Management

4.8m<sup>3</sup> inert C&D materials was disposed of at Tseung Kwan O Area 137 public filling area while 6m<sup>3</sup> general refuse was disposed of at SENT landfill. No chemical waste was transported off site in this reported period.

### Complaints, Notifications of Summons and Successful Prosecutions

There was no complaints, notification of prosecutions or summons in this reporting period.



## Site Inspections and Audit

5 site inspections were conducted by the Environmental Team (ET) in this reported period. An audit by the Independent Environmental Checker (IEC) was conducted on 8 Nov 2005 with the Engineers' Representative and the Environmental Team. Major observations are summarised in the following table. Major observations by the ET, actions by the Contractor and outcome are summarized in the following table.

Item	Date	Observations	Action taken by Contractor	Outcome
-	4-Nov	No particular finding	-	-
1	8-Nov	Scrap waste on flat barge was observed.	Clean up the scrap waste every day after work	Implemented properly
-	16-Nov	No particular finding	-	-
-	25-Nov	No particular finding	-	-
-	30-Nov	No particular finding	-	-

## Future Key Issues

The tentative works activities, predicted impacts and areas of environmental concern for the coming reporting month are summarized in the following table.

Construction Works	Predict Impacts	Proposed Mitigation Measures
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>
Erection of temporary unloading point	Noise	<ul> <li>Avoid concurrent noisy Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> </ul>
Erection of falsework for installation of precast units	Noise, Waste	<ul> <li>Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> <li>No littering in land or sea</li> </ul>
Pile loading test	Noise	Avoid concurrent noisy operation during lifting operation



## 1 INTRODUCTION

## 1.1 SCOPE OF THE REPORT

Lam Environmental Services (LAM) has been appointed to work as the Environmental Team (ET) for Kin Shing Construction Company Limited to implement the Environmental Monitoring and Audit (EM&A) programme for the Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers.

This report presents the environmental monitoring and auditing work carried out from the period 1<sup>st</sup> to 30<sup>th</sup> Nov 2005 for the construction of Wong Shek Public Pier in accordance to Section 26 of the Particular Specification, Project Profile (PP-191/2003) and Environmental Permit (EP-186/2004) for this Project.

The following information relating to this project is documented in the EM&A Manual and, to avoid duplication, it is not presented in detail within the monthly report.

- Event-Action Plans;
- Full set of environmental mitigation measures and;
- Contracted environmental requirements.

### 1.2 STRUCTURE OF THE REPORT

- **Section 1** *Introduction* details the scope and structure of the report.
- Section 2 *Project Background* summarizes background and scope of the project, site description, project organization and contact details of key personnel, construction programme and works undertaken during the reporting period.
- Section 3 *Implementation Status* summarizes the status of Environmental Permits / Licenses, implementation of environmental protection and pollution control / mitigation measures in an updated schedule for the reporting period.
- Section 4 *Monitoring Requirements* summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency and programmes.



- Section 5 *Monitoring Results* summarizes the monitoring results obtained in the reporting period.
- Section 6 Compliance Audit summarizes the auditing of monitoring results, all exceedances environmental parameters.
- Section 7 Site Inspection and Audit summarizes the findings of weekly site inspections and independent audit undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.
- Section 8 Complaints, Notification of Summons and Prosecution summarizes the complaints, notification of summons and successful prosecution for breaches of environmental legislation and the actions taken within the reporting period.
- Section 9 *Future Key Issues* summarizes the upcoming works and a forecast of the environmental impact and monitoring schedule for the next reporting period.
- Section 10 Conclusion



## 2 PROJECT BACKGROUND

### 2.1 SCOPE OF THE PROJECT AND SITE DESCRIPTION

The works mainly comprise demolition of the existing piers and construction of reinforced concrete piers with roof covers at Wong Shek. The construction of the Project is scheduled to commence in November 2004 for completion in September 2006. The construction period is 630 days for the entire construction.

The site layout plan is shown in *Figure 2.1*.

## 2.2 PROJECT ORGANIZATION AND CONTACT PERSONNEL

Civil Engineering Office of Civil Engineering and Development Department is the project proponent. The organization chart for the EM&A programme is attached in <u>Appendix A</u>.

Under the organization chart, Resident Engineer, Contractor, Independent Environmental Checker, Environmental Team are appointed to manage and control environmental issues for the construction phase of CV/2004/02. Overall responsibilities and duties of the team are found in the corresponding EM&A Manual. Key personnel and contact particulars are summarized in *Table 2.2*:

### Table 2.2 Contact Details of Key Personnel

Post	Name	Contact No.	Contact Fax	Mobile No.
Resident Engineer	David C S Leung	2760 5737	2714 2054	9630 1235
Site Agent	Simon Fok	2729 6779	2729 7858	6010 8730
Independent Environmental Checker (IEC)	Joseph T L Poon	2452 7140	2450 6138	9450 1968
Environmental Team Leader (ETL)	Raymond Dai	2975 3300	2897 5509	9738 0738

### 2.3 CONSTRUCTION PROGRAMME AND WORKS

Major construction works at Wong Shek Pier carried out during this reporting period are:

- Construction of main piles
- Erection of temporary unloading point

The master construction programme is given in *Figure 2.3*.



## 3 IMPLEMENTATION STATUS

## 3.1 STATUS OF REGULATORY COMPLIANCE

A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in *Table 3.1*.

### Table 3.1 Cumulative Summary of Valid Licences and Permits

Permits and/or Licences	Reference No.	Issued Date	Expiry Date	Status
Environmental Permit	EP-186/2004/A	28-04-2005	-	Issued on receipt of VEP-171/2005 dated 14-04-2005
Waste Producer Registration	WPN5213-742- K1081-05	12-05-2005	-	Notified
Construction Noise Permit	-	-	-	No valid CNP granted to the Contractor

### 3.2 IMPLEMENTATION OF POLLUTION CONTROL / MITIGATION MEASURES

The contractor implemented various environmental mitigation measures as recommended in the Particular Specification and the Environmental Permit. The implementation schedule is presented in *Appendix B*.



## 4 MONITORING REQUIREMENTS

Locations of environmental monitoring stations are referred in *Figure 4.1*.

## 4.1 WATER QUALITY MONITORING

The brief for EM&A works details 4 designated stations to be monitored during the construction period comprising 2 monitoring stations and 2 control stations. These stations have been coded as MW1, MW2, CW1 and CW2 respectively.

## Table 4.1a Water Quality Monitoring Stations

Station	HK Metric Grid (Easting / Northing)	Description
MW1	852 789.231E / 832 978.476N	Impact Monitoring
MW2	852 844.187E / 832 878.676N	Impact Monitoring
CW1	852 922.540E / 833 067.718N	Control during mid-flood
CW2	852 992.314E / 832 853.794N	Control during mid-ebb

## Monitoring Methodology

Measurements were be taken under two tidal conditions (mid-flood and mid-ebb) at 3 water depths, namely 1m below the water surface, mid-depth and 1m above the seabed, except where the water depth is less than 6m, the mid-depth sample may be omitted. If the water depth is less than 3m, only the mid-depth will be monitored.

Replicate in-situ measurements and samples were collected from each independent sampling event are required for all parameters to ensure a robust statistical interpretable dataset.

Water quality parameter in terms of: dissolved oxygen (mg/L and % saturation), salinity (ppt), turbidity (NTU), and suspended solids (mg/L) were measured in-situ with portable instruments. Other relevant data was also recorded, including the following:

- monitoring station and position;
- time;
- depth of water;
- tidal status;
- water temperature;
- weather conditions including ambient temperature;
- any special phenomena or activities at the construction site.



For the measurement of dissolved oxygen the probe shall be removed from the water column between each duplicate measurement. If the difference between each duplicate measurement is greater than a 25% then the two sets of data shall be rejected and the measurements re-taken.

Suspended solids (SS) were determined in the laboratory at Chai Wan managed by Lam Environmental Services Ltd.

# Monitoring Equipment

- Sample Bottles: Samples were kept in high density polythene bottles, packed in ice and cooled to 4°C or below, without being frozen, for delivery to the laboratory as soon as possible after collection.
- Thermometer: A standard certified laboratory mercury thermometer with an accuracy of at least 0.5°C was employed, calibrated against a certified thermometer of 0.1°C scale. This thermometer was employed for measuring both ambient and water temperatures.
- Depth Detector: As the depth of water being sampled was generally shallow, too shallow to allow for the use of an echosounder, a marked depth gSepe was employed to determine water depth at all designated monitoring stations.

All in-situ monitoring equipment shall be checked, verified and calibrated by Lam laboratory at Chai Wan, a HOKLAS accredited laboratory, prior to use on the Works and subsequently thereafter every three months throughout all stages of the water quality monitoring. Responses of the sensors and electrodes shall be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter shall be carried out before measurement.

For in-situ calibration of field equipment, the BS 1427: 1993 "Guide to Field and on-site test methods for the analysis of waters" shall be observed.

A set of backup monitoring instruments and equipment shall be made available so that the monitoring can proceed uninterrupted in case of apparatus malfunction or if equipment has been returned to the laboratory for calibration.

Current calibration certificates are presented in <u>Appendix C</u>.



## Laboratory Analysis

All samples are returned to the laboratory at Chai Wan for the determination of SS under a QA / QC scheme inclusive of blank, duplicate and spike recovery analysis under the requirement of HOKLAS. The laboratory test procedures conform to "Standard Methods for the Examination of Water and Wastewater" published by American Public Health Association (APHA) and United State Environmental Protection Agency (USEPA) test methods are summarized in *Table 4.3b*.

## Table 4.1bLaboratory Test Procedures

Parameter	Methodology	Method Ref.	Detection Limit
SS	Determination of Total Suspended Solids Dried at 103-105°C	APHA 19 <sup>th</sup> Ed. 2540D	2.0 mg/L



### 4.2 MONITORING PARAMETERS AND FREQUENCY

Water quality monitoring programme has been scheduled according to the requirements stipulated in the EM&A Manual produced for the Project summarized in *Tables 4.2*.

#### Table 4.2Water Quality Monitoring Parameters and Frequencies

Station(s)	Parameter	Frequency
MW1, MW2 CW1, CW2	DO, Temperature, Salinity, Turbidity, Suspended Solids, Water Depth	For piling or demolition works 3 days per week at mid-flood and mid-ebb For marine works other than piling or demolition works 1 day per week at mid-flood and mid-ebb

#### 4.3 WATER QUALITY CRITERIA

Water quality criteria were determined prior to the commencement of the construction of the project for the purpose of impact monitoring. Various levels established based on the results of baseline monitoring and the Event Action Plan stipulated in the EM&A Manual are summarized in *Tables 4.3*.

#### Table 4.3 Action and Limit Levels for Water Quality Monitoring

Parameter	Action Level	Target Level
Dissolved Oxygen (Surface, Middle & Bottom)	<u>Surface &amp; Middle</u> For Wong Shek – 6.96	<u>Surface &amp; Middle</u> For Wong Shek – 6.69
	<u>Bottom</u> For Wong Shek – 6.93	<u>Bottom</u> For Wong Shek – 6.71
Turbidity (depth- averaged)	For Wong Shek – 1.47 or 120% of upstream control station's Tby at the same tide of same day, whichever is lower	For Wong Shek – 4.05 or 130% of upstream control station's Tby at the same tide of same day, whichever is lower
Suspended Solids (depth-averaged)	For Wong Shek – 6.85 or 120% of upstream control station's SS at the same tide of same day, whichever is lower	For Wong Shek – 8.85 or 130% of upstream control station's SS at the same tide of same day, whichever is lower

#### Note:

- 1. "Depth-averaged" is calculated by taking the arithmetic means of reading all three depths.
- 2. For Dissolved Oxygen, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- 3. For Turbidity and Suspended Solid, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- 4. All the figures given in the table are used for reference only and the Engineer may amend the figures whenever it is considered as necessary.



### 4.4 MONITORING PROGRAMME

Environmental monitoring programme for this reporting period was carried out in accordance with the required monitoring frequency. The actual completion of monitoring work during the reporting period is presented in *Tables 4.4*.

## Table 4.4Environmental Monitoring Programme – Nov 05

Nas	. 0005	Water Quality (DO, Turbidity, SS)	Site Inspection
NOV	2005	MW1, MW2, CW1, CW2	
1	Tue		
2	Wed	Х	Х
3	Thu		
4	Fri	X	Х
5	Sat		
6	Sun		
7	Mon	Х	
8	Tue	Х	X (w/ IEC)
9	Wed		
10	Thu		
11	Fri	Х	
12	Sat		
13	Sun		
14	Mon	X	
15	Tue		
16	Wed	Х	Х
17	Thu		
18	Fri	X	
19	Sat		
20	Sun		
21	Mon	X	
22	Tue		
23	Wed	Х	
24	Thu		
25	Fri	Х	Х
26	Sat		
27	Sun		
28	Mon	Х	
29	Tue		
30	Wed	Х	Х

Note:

• X: Monitoring conducted

• Schedule is formulated and with consideration of statutory holidays (shaded in the table).



## 5 MONITORING RESULTS

## 5.1 WATER QUALITY MONITORING RESULTS

Water quality monitoring was carried out on 24 occasions at stations MW1, MW2, CW1 and CW2. Calculated water quality monitoring results in this reporting period are reviewed and summarized in **Tables 5.1a and 5.1b**. Details of measured and tested results can be referred in <u>Appendix D</u>. Graphical trend is presented in <u>Figure 5.1a – 5.1h</u>.

### Table 5.1a Water Quality Monitoring Results (mid-flood tide) – Nov 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	4.77	4.26	1.26	13.9
MW2	4.54	4.20	1.27	9.6
CW1	4.43	4.29	1.23	9.3
CW2	4.49	4.10	1.27	8.0

### Table 5.1b Water Quality Monitoring Results (mid-ebb tide) – Nov 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	4.84	4.67	1.29	8.8
MW2	4.67	4.30	1.22	10.0
CW1	4.59	Water depth < 3m	1.18	8.8
CW2	4.66	4.31	1.24	9.2

#### 5.2

## WASTE MONITORING RESULTS

4.8m<sup>3</sup> inert C&D materials was disposed of at Tseung Kwan O Area 137 public filling area while 6m<sup>3</sup> general refuse was disposed of at SENT landfill. No chemical waste was transported off site in this reported period.



## 6 COMPLIANCE AUDIT

Results of the calculated water quality results for various are audited against the water quality levels and the number of exceedances are summarized **Tables 6.1a and 6.1b**. Exceedances caused by natural phenomena namely fluctuation of overall water quality by comparing the graphical trends of monitoring and control stations are eliminated in order to identify the valid exceedance due to construction activities.

## Table 6.1a Summary of Water Quality Exceedance (mid-flood tide) – Nov 05

Station	Averaged DO Surface & Middle	Averaged DO Bottom	Averaged Turbidity	Averaged Suspended Solids
MW1	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MW2	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)

### Table 6.1b Summary of Water Quality Exceedance (mid-ebb tide) – Nov 05

Station	Averaged DO Surface & Middle	Averaged DO Bottom	Averaged Turbidity	Averaged Suspended Solids
MW1	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MW2	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)

As shown in the graphical trend, the observed trends and exceedances in dissolved oxygen at MW1 and MW2 resemble the fluctuations to the respective control stations, possibly due to variation in water current or tidal effect.

The observed exceedance for turbidity and suspended solids are respectively within 0.5 NTU and 15 mg/L, indicating the fluctuation could possibility due to the natural variation around the small values of turbidity and suspended solids, possibly due to water current or tidal interference.

To conclude, the fluctuations for dissolved oxygen, turbidity and suspended solids resembled those fluctuations at the control stations which indicated that all the exceedances in water quality monitoring were due to natural phenomena and agreed with the changes in the control stations. Therefore, causation due to CV/2004/02 construction activities is unlikely and there were no valid exceedance for this reporting period.



7

## SITE INSPECTION AND AUDIT

The ET undertook site inspection at least once a week. Monthly joint audit was undertaken by the IEC, the ETL, the Engineer and the Contractor.

The ET carried out 5 inspections during this reporting period. An audit was undertaken by the IEC on 8 Nov 2005. The results of these inspections and outcomes are summarized in *Table 7*.

 Table 7
 Summary of Environmental Inspection and Audit – Nov 05

Item	Date	Observations	Action taken by Contractor	Outcome
-	4-Nov	No particular finding	-	-
1	8-Nov	Scrap waste on flat barge was observed.	Clean up the scrap waste every day after work	Implemented properly
-	16-Nov	No particular finding	-	-
-	25-Nov	No particular finding	-	-
-	30-Nov	No particular finding	-	-



8

### COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

No complaint, inspection notice, notification of summons or prosecution was received in this reporting period. Complaint log, summaries of cumulative complaints and successful prosecutions are presented in *Table 8a*, *Table 8b*, *Table 8c* and *Table 8d* respectively.

#### Table 8aEnvironmental Complaints Log

Complaint Log No.	Date of Receipt	Received From and By	Nature of Complaint	Date investigated	Outcome	Date of Reply and to Whom
-	-	-	-	-	-	-

#### Table 8b Cumulative Statistics on Complaints

Environmental Parameters	Cumulative No. Brought Forward	No. of Complaints This Month	Cumulative No. Project-to-Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-

### Table 8c Cumulative Statistics on Successful Prosecutions

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Prosecutions this month (Offence Date)	Cumulative Number to Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-

#### Table 8c Cumulative Statistics on Notification of Summons

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Summons	Cumulative Number to Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-



## 9 FUTURE KEY ISSUES

The scheduled construction activities and the recommended mitigation measures for the coming month are listed below. The proposed monitoring schedule for the coming reporting period is detailed in *Appendix E*.

## Table 9 Construction Activities and Recommended Mitigation Measures – Dec 2005

Construction Works	Predict Impacts	Proposed Mitigation Measures
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>
Erection of temporary unloading point	Noise	<ul> <li>Avoid concurrent noisy Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> </ul>
Erection of falsework for installation of precast units	Noise, Waste	<ul> <li>Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> <li>No littering in land or sea</li> </ul>
Pile loading test	Noise	Avoid concurrent noisy     operation during lifting     operation



## 10 CONCLUSION

The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed in the previous EM&A Report were made in response to changing circumstances.

No exceedance due to construction activities was reported in routine environmental monitoring. Such results indicate that the construction operation generally performed reasonably acceptable against environmental auditing criteria.

In summary, environmental mitigation measures are being satisfactorily implemented within the CV/2004/02 project along with the on-going construction activities.



Figure 2.1

Location Plan



G		H		
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Figure 2.3

Master Construction Programme

ontract No.: CV/2004/02 construction of Wong Shek and o Lan Wan Public Piers		Mas	ter Progr (Version 2)	amme		Contractor: Kin Shing Construction Co. 1. Commencement Date: 15th Nov 20 Completion Date: 6th Aug 20 Programme Date: 21st Feb 20
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Commencement of the Works	I they	Mon 04/11/15 Mon 04/11/15		1 🔶 11 No	# 12 # 121 A 1 # 1   # 1   W 1   M 2   # 3	a ta katan 1 mia mia mia mia mia ha kata mia mia mia mana mia mia mia mia mia mia mia mia mia mi
Completion of Section 1 (Woog Size: Public Pier)	l day	Sun 06/8/6 Sun 06/8/6				4
Completion of Section 2 (Ko Lan Was Public Pier)	I day	Sam 06/8/6 Sun 06/8/6				
Preliminary			(10) -1 Common +1 (10)			
Establishment of Englager's Principal Sile Office	994 days	'Tue 04/11/16 Moa 07/8/6		\$ (¥)		INTERNAL AND
Suburission and approval	21 days	Tue 04/11/16 Mon 04/12/6		6 33153755	izra,	
Provision	8 days	Tue 04/12/7 Tue 04/12/14	0		7 22001	
Servicing during construction period	600 days	Wed 04/12/15 Sun 06/3/6	2	1	* EXTEXACTORX	District Colligion and the second
Servicing during maintenance period	364 days	Mae 06/8/7 Sun 02/3/5	a			r
	l day	Мов 07/8/6 Мов 07/8/5	. u			
Secondary Office	582 days	Maa 05/1/3 Mea 06/8/7			n (V)um	UDISANAS ATTAKA MANANASA DA MANANASA NA KANASA MANANASA MANANASA MANANASA MANANA
Sultiniasica and approval	£5 days	Moat 05/1/3 Mon (15/1/17		1	13 IVERT	823h
Provision	28 days	Tue 05/1/18 Mon 05/2/14	12.15	1		ា វីលែនយើលាក្រ
Servicing	538 days	Tue 05/2/15 Son 06/8/6	n		£ 1	14 ให้สุดรู้สุดรู้สุดรู้สุดสุดรู้สุดร สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดร สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู
Decommissioning	1 day	Moar 06/8/7 Moar 06/8/7	H		E	
Provision of Contractor's accommudation	602 days	Mon 04/12/13 Sub 06/8/6		1	16 TERRETERSE	a a second a second de la seconda de la s
fultial survey	20 days	Wed 04/12/15 Man 05/1/3			17 (2000000000000000000000000000000000000	- i i
Erection of boarding and project signbaard at Por. A	34 days	Mon 05/1/31 8at 05/3/5	- 17			18 TELEVESTERE TITTEN
Frection of hearding and project signboard at For. B	13 days	Mon 05/1/21 Sat 05/3/5		1		10 17922230
Application and Installation of dectrical system	75 déys	l/ri 04/12/31 "Twe 05/3/15		1	50 PERSENT	TFREETERSTERSTERSTERSTERSTERSTERSTERSTERST
Application and installation of water supply system	75 days	Son 05/1/16 Tho 05/3/31		1.4	21	(ATTERNAL STATES AND A STATES
Application and installation of telephone fines	75 days	Sun 05/1/16 Thu 05/3/31		1	27	· CITIZZZIANI AND
Notification of parties in concern	34 days	Wed 04/12/1 Fri 04/12/31		23	322 622 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Application for prinningation of Marine Department Notice for Wong Shek	71 days	Vri 04/12/17 Fri 05/2/25			24 12202.000.0010038	ANIMAN PROPERTY AND A CONTRACT OF A
Application for promotyation of Marine Department Notice for Ko Loo Wan	65 days	Pci 04/12/17 Snt 05/2/19			32 <i>47121242214</i>	anananan
Environmental Alemitaring	658 days	Mon 04/11/15 Sun 46/9/3		20 9 10/10/10	di sudana di suba	ACCOUNTS AND FRANKING STORE AND A STREET AND A
Submission and approval of ES and IC(Env)	dd days	Mon 04/11/15 Tee 04/12/28		27 245645642	manna i	
Endorsement of EM&A prograal	12 days	Wed 0491229 Sun 05/1/9	27	1 1	28 <b>1</b> 19519	
Basefine water quality monitoring	26 days	Mon 05/1/10 thi 05/2/4	31		29 128	22100229223
Preparation and approval of baseline report	21 days	Sat 05/2/5 Pri 05/2/25	29	1 (K	1	in transmits
Impaci ingenterieg	527 days	Snt 05/2/26 Sun 06/8/6	19	1		i torner and an and a second and a second se
Post construction manifering	28 days	Mon 06/8/7 Snut 06/9/3	51,110,202			
Section 1 (Wong Shek Public Pler)					10 10	
Temporary cover to existing pier	121 days	Man 04/11/15 Tac 05/3/15		34 (V) HUVE		
Design and ICE checking	66 daya	Men 04/11/15 Wed 05/1/19		38 92002A	ununnainma	223
	Rogen	Summer	()	Croical Tak (S	x 1.4.75 302222222222222	Couco Task Sec 23 WWWWWWW
nr Einanta mine (Min zani 2) Split	Concentration M	ilesano 🔶 Completion		Crizkal Tak (S		

econs	act No.: CV/20 struction of W u Wan Public	ong Shek and			Mas	ter Pr (Versi					. Commer Co Pro	Shing Coust accment Date ompletion Date ogramme Date	:: 15th Nov 20 te: 6th Aug 20 te: 21st Feb 20	1004 1000 1000
-		Zesk Strm.	Currier:	Stact	Einith	* molect	5785 July 1 2014	willion in the second s	105 2514 Classification 100	ni ni nek	US Nor With Washington Wash	1 V/ A/( wm/w201//21/3/21/9/21	105 200 15 W 1 5 W 20 1 5 W 15 W	11929
	Submission for En	gineel,s containe r	30 days	This 05/1/20	Fri 05/2/18	135		en i fan an de arrown de strat	36	Tanana		1		
	Festion		20 days	Sat 05/2/19	Thu \$5/3/10	1)e		141		37	UTITA	1		
	Certified by ICE a	id commissioning	5 days	Pri 05/3/11	Tue 05/3/15	112		8		1	1 38	1	- 22 	
P	Provision of tempora	ry bertik	192 days	Man 04/11/15	Wed 05/5/25		1.19			CALCULATION OF COMPANY	MINISTER OF	STATISTICS IN CONTRACTOR	WILLBRALLANARAR (*)	<u>9</u>
	Design and ICII of	ocking of temporary berth	60 days	Man 04/11/15	Wed 05/2/2	Reiz	i contra la la	40 025555525555555555555		errenth		2		
	Sultanission for En	gineer's comment	41 days	Thu 05/2:3	Tue 05/3/15	in .				41 128288833388	in the second	i.	1.4	
	Piling		40 days	Wod 05/3/16	Stut 05/4/24	34,29,23,41,38					42 3	000000000000000000000000000000000000000	a :	10
		and installation of fenders	25 days	-Mon 05/4/25	Thu 05/5/19	φ	·····		5			- 43	inams	
3	Relocation of navi	adion light by Marine Dapt.	66 days	Wed 05/3/16	Pri 05/5/20						H (W)	No. of Concession, Name		÷
		Maxine Department	65 days	Wed 05/3/16	Thu 05/5/19	· • • • • • • • • • • • • • • • • • • •					45 [2]	100000000000000000000000000000000000000	ATT232222222222	- 020
5366	Relocution wo		L day	Pri 05/5/20	Fri 05/5/20	13,45							46 5	- 242. - 144
		esting and commissioning of berth	5 days	Sat 05/5/21	Wed 05/5/25		Contract of the		1	÷			17 221	
	Ground Investigation		110 days	Wed 04/12/29	Sun 05/4/17				48 WASABAARA	0880 - 708		-		-
	Submission for En	승규가 잘 잘 알 수 있는 것을 것 같아요. 그 것 같아요. 나는 것 같아.	59 days	Wed 04/12/29	Pri 05/2/25				2000		14.532	1 ~		1
	Ground uncetigati		20 days	Sat 05/2/26	Thu 05/3/17	(2,14,75		12	in production		LO EURAXOZANDI	8 B	18 1	
	Preparation and ap		10 days	Fri 05/3/18	Suct 05/3/27	38		17			1 31	1325.	- 40	
		arts and determine pile founding levels	21 days	Mon 05/3/28	Sin1 05/4/17	9	encoste 🕴					S2 PERTENDEN	l	
	Colling for permanent	nier	282 days	Sat 05/1/1	Sun 05/10/9				53 ( <b>*</b> MUMPHER				In the second second second	CHILD I
		thod statement for pring	33 daya	Sat 05/1/1	Wed 05/2/2		and the second		M FEIDENTE	En la sector		1		
	Submission for Er		112 days	The U5/2/3	Wed 05/5/25	······			. An Address	and a second second second	121212222222222		***************	
8	Vertical prelimina		15 days	Thu 05/5/26	1hu 05%69	47,52,55,327	++++				1		36 3	E i
£		nving land plant (E1, H4, E2, H2)	30 days	Toe 05/6/28	Wed 05/7/27		Carlas, Michael		1			1		Lao I
1		(A11, B8, B11, C8, C11, D8, D11)	18 days	Sun 0546/19	Wed 05/7/6	128						2.74	1	
2	Temporary platfor		21 days	'Thu 05/3/7	Wed 05/7/27	18	encenning (S				8.9	3	1	8
2		(remaining 14 uos.)	35 days	Thu 05/7/7	Wed 05/8/10				1			1	1	12
		y piles and testing (B10)	15 days	Thu 05/7/28	Thm 05/8/11	\$2,30	and d		1	-45	1 I I I I I I I I I I I I I I I I I I I			
1			44 days	Fri 05/8/12	Sat 05/9/24	64								84
2	Ralang main piles		15 days	Sun 05/9/25	Sun 05/10/9	63	· · · · · · · · ·					4		
t	Pile test for main		A STATE OF STATE			allanna.			1					12
1	Construction of pile	i and a second second	212 days	Fri 05/6/10	Sat 06/1/7	51 G. B.S				1	11月 日			1
		aproval of precast yard	61 daya	Fri OSite I U	Tue 05/8/9		A 1997				8 B			
Ι.,		units at precast yard	61 days	Wed 05/8/10	Sun 05/10/9				1			1	1	
85	erm-tertied.	recking of falsework for pile cap and deck	62 days	Sun 05/7/10	Fri 05/9/9	1			1	1			1	
	Submission of cal	eplation and method statement for	30 days	Sat 0.5/9/ J0	Sen 05/10/9	62		÷1				2	1	1
	Erection of talsee	al roll, for installation of precast units.	20 days	Man 05/10/10	Sat 05/10/29	08,63		11 10		1				
115		11111111111111111111111111111111111111			******		and the second	terminate of the						des.
a ara No	0.0002004002	Kerni Tak (RRSTRING)	I Pragress	1	Sterning	4 - V	(V) BRABBARK (V)	Childred Tack (Sec 1 & 2)	800038339253	Crisicial Trak (Sec 2)	ND771228	825		
derities	ganette Version 21	Sulit	Commencement		40.004	en Milenaue	*	Ontical Tests (See 1)	27/1/22/228	(white and the second se	THERE	1221		

teco	tract No.: CV/2004/02 instruction of Wong Shek and lau Wan Public Plers			Mas	(Version 2)					Comme C Pi	n Shing Con ncement Da completion I cogramme D	te: 15th N Jate: 6th A Jate: 21st F	ov 200 ug 200 eb 200
n î	Task Mein:	Dection	\$°m	FIRES	Prodecessacs		TH TH	Day U.S. Turs Turs	vo wolwalwiziwisiw,	NG M	u Joint Joint	22 32 33 929 105 10 25 10 25 10	tas Intiadalwa
= 1	Installation of precast units with in-situ pile caps	60 days	Mon 05/30/10	Thu 05/12/8	56,68,63	10.03969.06903011	WALCOURTS.	10341 500 351 881	2010/2011/02/0122012	1	-		(XA) serve
	Cashing of in-situ pier deck	30 days	Fri 05/12/9	Sat 06/1/7	70,78		1	1		11	1		
	Construction of bollards	30 days	Fri 05/12/9	Sat 06/1/7	η						3	100	3
¥ į	Installation of corresion monitoring system	91 days	Sun 05/10/9	Sat 06/1/7	A. 4010444 - 1000000000	1		1					13
	Approval of specialist contractor and method statement	61 days	Sun 05/10/9	Thu 05/12/8								1.5	1
	Installation of convision monitoring system	30 days	Fri 05/12/9	Sal 06/L/7	76,74	1		1	1	10		1.15	1 3
	Roof over system	272 days	Tue 05/8/9	Sun 06/5/7	*****			<b>B</b>				1	
4	Approval of sporialist contractor	61 days	Tue 05/8/9	Sat 05/10/8				i			1		11
e i	Naturaission of weekshop drawings for connection details with	61 days	Sen 05/10/9	Thu 05/12/8				i.		10		0	
	deck	town Michael						ŝ.					
10	Material submissions	91 days	Son 05/10/9 Son 05/10/9	Sat 06/1/7 Sat 06/1/7		- 1		5		143		1.2	
46    -	Submission of weakshop drawing for remaining roof system	91 days	in a concernance and			1 1		1		1		1 R	
1	Construction of steel works	60 days	Sun 06/1/8	Wed 06/3/8	71,80,79	1			1	1		1 ÷	
24	Erection, of mod covers	fill days	Thu 05/3/9	Sun 06/5/7	aı			義			2 - 61 	1.0	1
1	Murrying-in to bandside	121 days	Wed 06/3/8	Thu 06/7/6		1	53				1		1
t, r	Application of Excavation Permit	90 days	Wed 06/3/8	Mon 06/6/5	1	2	8		÷	1 1 1 -	1	1	
*	Site works	31 days	Tue 06/6/6	Thu 06/7/6	84,31	1					12 B. 1		1
÷.	Electrical system, CLP meter box and lighting system	220 daşs	Mon 05/10/10	Wed 06/5/17		1				1	1.0	1	
. T.	Approval of specialist contractor	30 days	Mon 05/10/10	Tue 05/11/8	Start III ION-D	1	19		1		1		
e. *	Leason with CLP and EMSD	60 days	Wed 05/11/9	Sat 06/1/7	87	-				\$ at	2		
10	To stallation	120 days	Sun 0171/8	Sup 06/5/7	71,86	1			ł.	÷ 8			
έc.	Testing.	10 days	Man 06/5/8	Wed 06:5/17	30				1		1		
能型	Construction of floor finish	121 days	Wed 06/3/8	Thu 06/7/6			2		8				
6	Adaterial aubenissiona	61 days	Wed 06/3/8	Sun 06:5/7					5			12	
n i	Silie works	60 days	Mott 06/5/8	Thu 06/7/6	42.92		5	1.2	1		÷	22 23	
* 1	Construction of hand railing seating beaches and notice	150 days	Tue 06/2/7	Thu 66/7/6					d3			13.	
. !·	boards Material subsuission	60 days	Tas: 06/2/7	Fri 06/4/7	a management of		- 1	1	1			E.	
3	Construction	90 days	Sal 05/4/8	Tini 05/7/6	1139			1	3	3.1			
1.	Installation of fender system	190 days	Thu 05/12/29	Thu 06/7/6	• •	1	1	:		11			
w -	Material submission	31 days	Thu 05/12/29	Sat 06/1/28	· · · · · · · · · · · · · · · · · · ·	- 3	E.						
35	Ordering of meterial	59 days	San D6/1/29	Tite 06/3/28	199	-					1		
en:	Sine works	LCG days	Wed 06/3/29	Thu D6/7/6	71,99	1	-			<b>目</b> 月			
int.	Relucations of navigation light by Marine Dept.	92 days	Fri 06/4/7	Fri 86/7/7			4	8		11			
175	Application to Marine Department	91 daya	Fci 0644/7	Thu 06/7/6							20 0		
1				L	a - (a) - (- (- (- (- (- (- (- (- (- (- (- (- (	-					1	· II	
	Koron Test. [1521219222223	Dummer		Summary		mara	Tuk Bort & 95	Keeggesegeseg	Critical Task (Sec 2)	111792	3115		
l'ann à Mart	Programmer Vision 31	Pogena			0.000000000	1997 (1998) (1997) (199							
1986	Split	Commancement	Hileatorg	Campleli	or. Mileston	Cinical	Trak (See 1)	Manalla	Mainenince Perind	Willia:	11112		

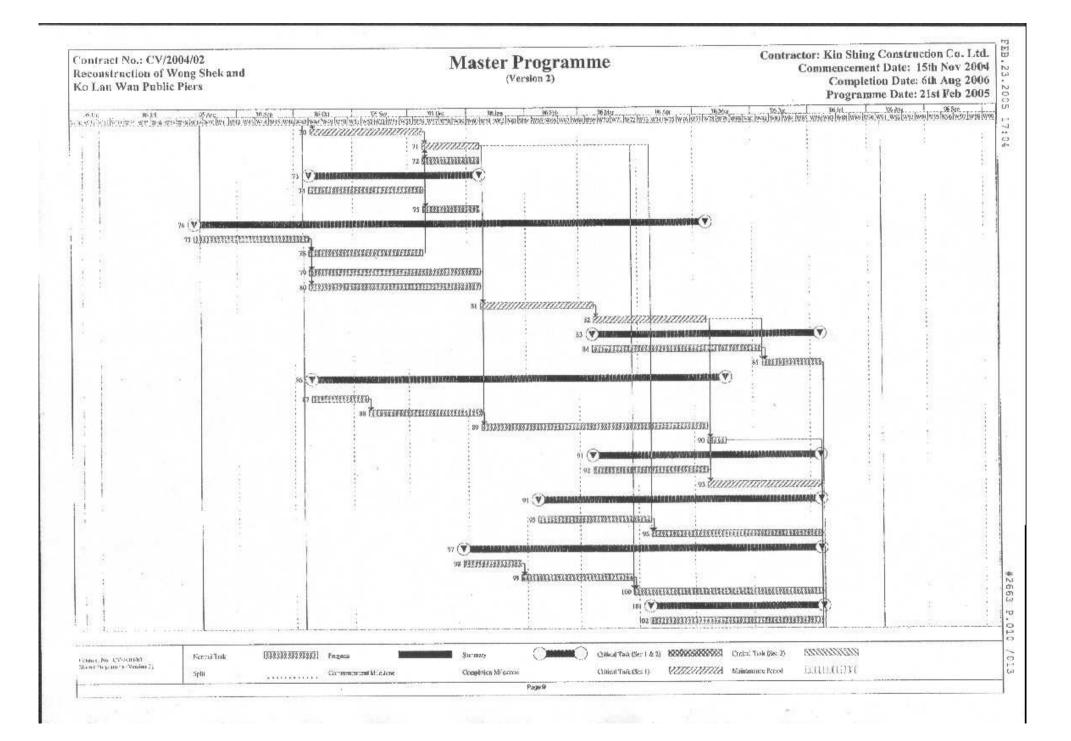
Reco	ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers			Mas	ter Progra (Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 20
1 -	T44, N980.	Diastica	Stact	Pins'-	Parlancestre	vij Soz. Soz Soz. Vij Soz. Vij Soz. Vij Soz. Vij Soz. Soz. Soz. Soz. Soz. Soz. Soz. Soz.
	Relocation	1 day	Fyi 06/7/7	Fri 06/7/7	105,93,91,81,169,96	
r _	Commissioning of the pier	1 day	Sat 06/7/8	Sat 96/7/8	iny	
IS .	Demodition of the temporary berth and the existing pier	151 days	Thu 06/3/9	Sam 06/8/6		
6 ±	Survey of axisting structures	31 days	Thu 06/3/9	Sac 06/4/8	COMPANY CONTRACTOR	
+1-	Design and ICH checking of demolitions plan	61 days	Sun 06/4/9	Thu 0646/8	105	
	Submission for Engineer's commonts	30 days	Fri 06/6/9	Sat 06/7/8	109	
1.1	Obtain consent from Country and Marine Park Authority	30 days	Fri 06/6/9	Sat 06/7/8	LOT	
2	Domohinsu	29 days	Sam 06/7/9	Sun 06/8/6	194,109,168	
	Ministenance Period for the Works	365 days	Maa 06/8/7	Mon 07/8/6	110	
	ction 2 (Ku Lun Wan Public Pier)					
66 <sup>-28</sup>	Cural Survey	626 days	Mon 04/11/15	Wed 86/8/2		
	Sole system and approval of specialist and method statement	73 days	Mon (4/11/15	Wed 05/1/26	****	
	Initial costs survey and approval by APCD	18 days	Site 05/2/20	Wed 05/3/9	104.25	
	Coral transforation	4 days	Thu 05/3/10	Sun 05/3/13	115	115 (\$\$\$\$\$\$\$\$
	Post irginalogation survey	4 days	Mon 05/3/14	Thu 05/3/17	146	116 (\$\$)
	Post pice construction survey	15 days	Wed 06/7/19	Wed 06/8/2	397	H1 13
	Temporary cover to existing pice	123 days	Mon 04/11/15	Thu 05/3/17		
	Design and ICE checking	66 days	Mon 04/11/15	Wed 05/1/19		
	Suberissian for Engineer's continent	30 daya	Thu 05/1/20	Fci 05/2/18	120	10/02/02/02/02/02/02/02/02/02/02/02/02/02
0	Greation	23 days	Sat 05/2/19	Sat 05/3/12	121	121 1221 1221 1221
4	Certified by ICE and commissioning	5 days	Sun 05/3/13	Thu 05/3/17	122	121 (53)
	Provision of responsivy berth	247 days	Mon 0411/15	Tue 05/7/19		124 🐨 RANGAMARANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
	Design and ICE checking of temporary betth	BO days	Mon 04/11/15	Wed 05/2/2		125 (HENSTEINGIGGE) THEORY MILLION PARTICIPATION OF A STATE OF
80	Submission for Engineer's commont	81 days	The 05/2/3	Sun 05/4/24	125	126 ТИХИЧИНИЦИНИЦИНИЦИНИЦИНИЦИНИЦИНИНИНИНИНИНИН
1	Filing (phase 1)	31 days	Mon 05-4/25	Wed 05/5/25	123.126,117,23,30.25,42	127 2017530556622283
	Piling (Phase 2)	9 days	Fri 05:6/10	Sat 05/6/16	56	
5	Deck construction and installation of fenders	25 daya	Sun 05/6/19	Wed 05/7/13	178	
199	Relocation of sprighting light by Marine Dept.	81 days	Man 05/4/25	Thu 05/9/14		
	Application to Marine Department	છે હવુના	Mon 05/4/25	Wed 05/7/13		THE FORMER FORMER FOR THE FORME FOR THE FORMER FOR THE FORME FOR THE FORMER FOR THE FOR THE FORMER FOR THE FORMER FOR THE FOR THE FORMER FOR THE FORMER FOR THE FOR T
ć i	Relocation works	1 day	Thu 05/7/14	Thu 05/7/14	139,331	
	Cartified by ICE, texting and commissioning of benth	S days	Eri 05/7/15	Tue 05/7/19	112	
	Denselition of part of the existing pier	115 duys	Man 05/4/18	Wed #5/8/10		134 (Yanatana and a second a s
15	Survey of existing cructures	31 days	Mon 05/4/18	Wed 05-5/18		1.5. 101303031303130313031
2×	Design and ICT checking of demolition plun	32 days	The 05/5/19	San 05/6/19	.13A	15 <u>Å111</u>
u+) 73	Normal Tax DESCRIPTION	Rogen	-	Summer		111121212122 5 555 11 10 12 12 12 12 12 12 12 12 12 12 12 12 12
astri D	ngrarme (Verrio) 7) Split	Concernoners	Milisten	Cruolulia	n Milesone	Contrast Task (Sec. 1) 272272222722 Minintersion Period COUNTERCOV

leco	ract No.: CV/2004/02 astruction of Wong Shek and an Wan Public Piers			Mas	(Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 2
6 I.	Taitline	Durcko	Stat	Finish	Andressan	Miller Miller (Miller) (Mi
×-	Submission for Engineer's comments	30 days	Mout 05/6/240	Tue 0.5/7/19	136	wiled willer (ed. wither felting) will all a will a felting state of a traditional states and second second sta
κ, I	Liaison with local residents	30 days	Mon 05/6/240	Тие (15/7/19	135	
ы	Denshing	22 days	Wed 05/7/20	Wed 05/8/10	133,138,197	
<b>3</b> 6	Grassad investigation	129 days	West 04/12/29	Fri 05/5/6	······································	1-11 (V DOODSSALASSALASSALASSALASSALASSALASSALAS
ii)	Submission for Engineer's commont	68 days	Wed 04/12/29	Son 05/3/6		(4) <u>####################################</u>
ż	Ground investigation works on sile	20 days	Fri 05/3/18	Wed 05/4/6	141.36,117	142 18237522828
ι¥.	Preparation and approval of reports	10 days	The 05/4/7	Sut 05:4/16	90	143 ( <b>ਇੱ</b> ਡਣੇਸ਼)
	Submission of reports to determine pile founding levels	20 daya	Sun 05/4/17	Eni 05/5/6	H3	144 (EREIKERERE)
8	Pilling for permanent pior	342 days	_ Sat 05/1/1	The 05/12/8		1/5 (* 168910109999884600
5	Compilation of method statement for pilling	33 days.	Sal 05/1/1	Wed 05/2/2	1	146 (22228) 2819 (22222) 241
1	Submission for Engineer's commont	189 days	710 05/2/3	Wed 05/8/10	146	147 <b>2</b> 37999999999999999999999999999999999999
1672) 1973	Vertical preliminary pile and leating	15 days	Thu 05/8/11	Thu 05/8/25	147,139,65,144	
4	Verneal amin piles (EL,E4,D1,D4,C1,C4)	20 days	Fri 05/8/26	Wed 05/9/14	143	
i i	Temporary platform for raking pile	21 days	The 05-9/15	Wed 05/10/5	119	
	Vertical main pile (remaining 15 nos)	45 days	Thu 05-9/15	Sut 05/10/29	125	
	Raking prelictionry piles and testing	Łő duys	The 05/10/6	Fyi 05/10/21	110,62	
1	Roking main piles (remaining 9 nos)	33 days	Sat 05/10/22	Wod 05/11/23	152	
9	Pile tests for main piles	15 days	Thu 05/11/24	Thu 05/12/8	171,133	
51	Construction of plic cap and deck	201 days	Weil 05/8/10	Sun 06/2/26		
41	Submission and approval of precist yard	60 days	Wed 05/8/10	Sat 05/10/8	Recenters I	
1	Custing of precast units, at precast yard	60 days	Mon 05/10/10	12u 05/12/8	156	
-	Design and ICE checking of falsework for pile cap and deck	60 days	Sat 05/9/10	Tue 05/11/8		
м.,	consumation Submission of calculation and anothed statement for Regeneor's approval	30 days	Woll 05/11/9	Thu 05/12.8	158	
10	Election of lidsework for installation of precast units	20 days	Pri 05/12/9	Wed 05/12/28	159,854	
1 **	histallation of precast units with modul pile capa	55 days	Fri 05/12/9	Wed 06/2/1	157,154	
÷.	Casing of marin pier dock	25 days	Thu 06/2/2	Sim 06/2/26	101,144	
3	Construction of bollards	25 days	Thu 06/2/2	Sun 06/2/26	161	
vi	Installation of corrosion monitoring system	85 tlays	Sun 05/12/4	Sam 06/2/26		
\$60	Approval of specialist contractor and method statement	60 days	San 05/12/4	Wed 06/2/1	0.0000000000000000000	
+ +	Jusial arias of concesson moniforing system	25 daya	Thu 06/2/2	Sun 01v2726	141,163	
\$2 <sup>-1</sup>	Construction of villa	110 daya	Pri #6/2/17	Tue 06/6/6		
-	Concrete structure	50 days	Man 06:2/27	Mon 06/4/17	162	
w	Friend	110 days	Fri 06/2/17	Tue 06/5/6		
30	Material submission	60 days	Pri 06/2/17	Man 06/4/17	In the second s second second se second second s	
26	Construction	50 days	Tue 06/4/18	Tue 06466	158.170	
activity Visiter 1	nes cyrynsong benes Tiek RHRHHIMMA	240 C		Sucranezs	(1717)	
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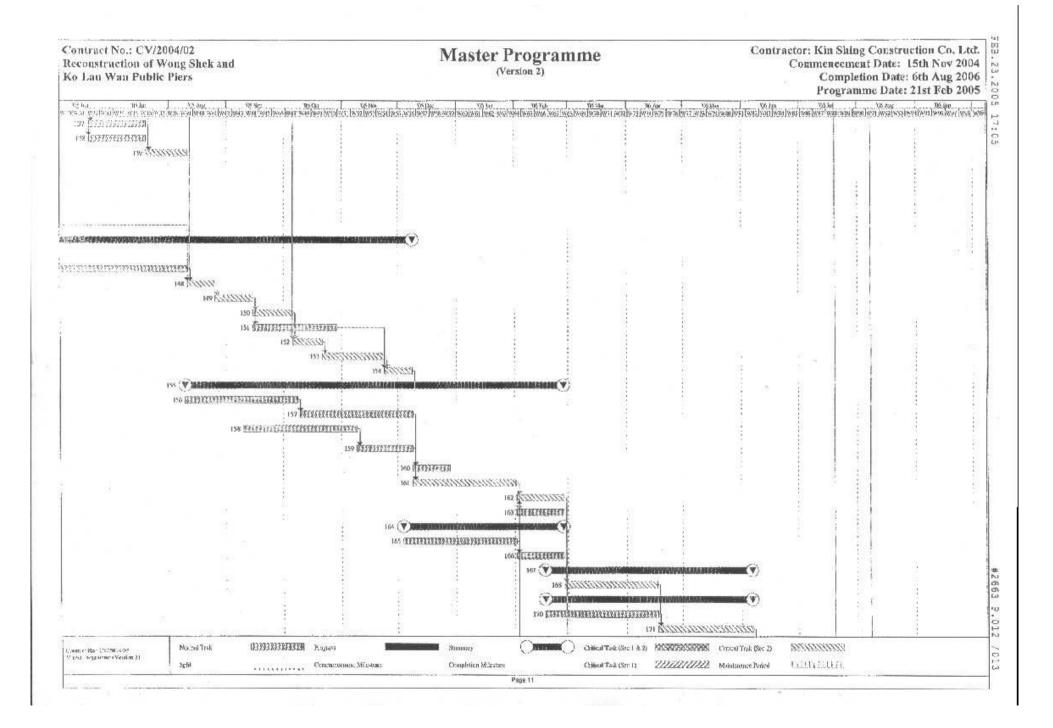
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11	Tan Hane	Durton	.San	Finish	Pteulegestaors	1. J	1 Dec	10	Ve Mar	to in the state of	ainsi 5
2	Construction of walking cover 1 & 2	245 days	Wed 05/10/5	Tue 06/6/6			93.0293.977.LWFD.957.9	- and the second se	; Attendencesenerseners	1000 JIBB FEASDER: IN CASH 012901	10.54.00
М.	Approval of specialist contractor	60 days	Wed 05/10/5	Sat 05/12/3			64		1.0		
	Sucuriasion of workshop drawings for connection details with	60 days	Sun 05/12/4	Wed 06/2/1	177	10 S		Đ	1		
4	deck Material submissions	85 days	Sun 05/12/4	Sun 06/2/26	171		1	1	11		
51	Submission of workshop drawing for remniaing roof system	85 days	Sun 05/12/4	Sun 06/2/26	179	-	1				
	Construction of sicel works	50 days	Moii 06/2/27	Mon 06/4/17	124,142,175	-	1		1 () () () () () () () () () () () () ()		
si.	Frection of roof covers	50 days	Tue 06/4/18	Tue 06/6/6	171		1		1 I.		
N.I.	Electrical system, CLP meter box and lighting system	200 clays	Tue 05/11/29	Frl 06/6/16			1	1			
d.	Approval of specialist contractor	30 days	The 05/11/29	Wed 05/12/28			-	1			
1	Liaison with CLP and EMSD	60 days	The 05/12/29	Sun 06/2/26	100			5			
2 1	lostaflation	100 days	Мон 06/2/27	Tue 06/6/6	162,184	***		i.	1 <sup>30</sup>		
i.	Testing	10 days	Wed 06/6/7	Fri 06/6/16	1.62		12	-	1 1 1		
5	Construction of Boor finish	130 days	Thu 06/3/9	Sun 06/7/16				i.	1		
	Malerial submissions	90 days	Thu 06/3/9	Tac 06-6/6	-			i.			
7	Site works	40 days	Wed 06/6/7	Sun 06/7/16	134,185,171			1			
1	Construction of hand railing, senting benches and notice hourds	(50 days	141 06/2/17	Sun 86/7/16	· · · · · · · · · · · · · · ·						
1	Materral submission	60 days	Pri 06/2/17	Man 06/4/17	-			1		8	
	Centurgation	90 days	Tue 06/4/18	Son 06/7/16	183						
ġ.	Installation of feuler system	190 days	Sun 06/1/8	Sun 86/7/16					1		
	Material submission	31 days	Sun D6/178	Tue 06/2/7				1	-		
1	Ordering of insterial	59 days	Wed 06/2/8	In 06/4/7	191			÷			
3	Site werks	100 days	Sat 06/4/8	Stats 06/7/16	192			đ	ŧ		
1	Relocation of navigation light by Marine Dept.	92 days	Mon 06/4/17	Mon 06/7/17				4	1		
	Application to Marine Department	91 days	Mon 06/4/17	Sunt 06/7/16		<u> </u>					
	Relocation	l day	Mon 06/7/17	Mon 06/7/17	113,193,195,396,189			1	4		
1	Commissioning of the pler	1 day	Tue #6/7/18	Tue 06/7/18	196			÷.		1	
	Demolition of the temporary burth and the existing pier	141 days	Sun 06/3/19	Sun 06/8/6					1		
1	Survey to existing structure	31 days	Son 06/3/19	The 064418				1	1	1	
3	Design and ICE checking of demolition plan	őt days	Wed 06/4/19	Sun 06/6/18	195			4		4	
1	Subarission for Engineer's comments	30 days	Men 06/6/19	The 06/7/18	2895			1	1.0		
-	Eisiaon with local residents	30 days	Mon 06/6/19	Tue 06/7/18	200						
s'i	Demolition	19 days	Wed 06/7/19	Sim 05/8/6	197,702,201				1	1	
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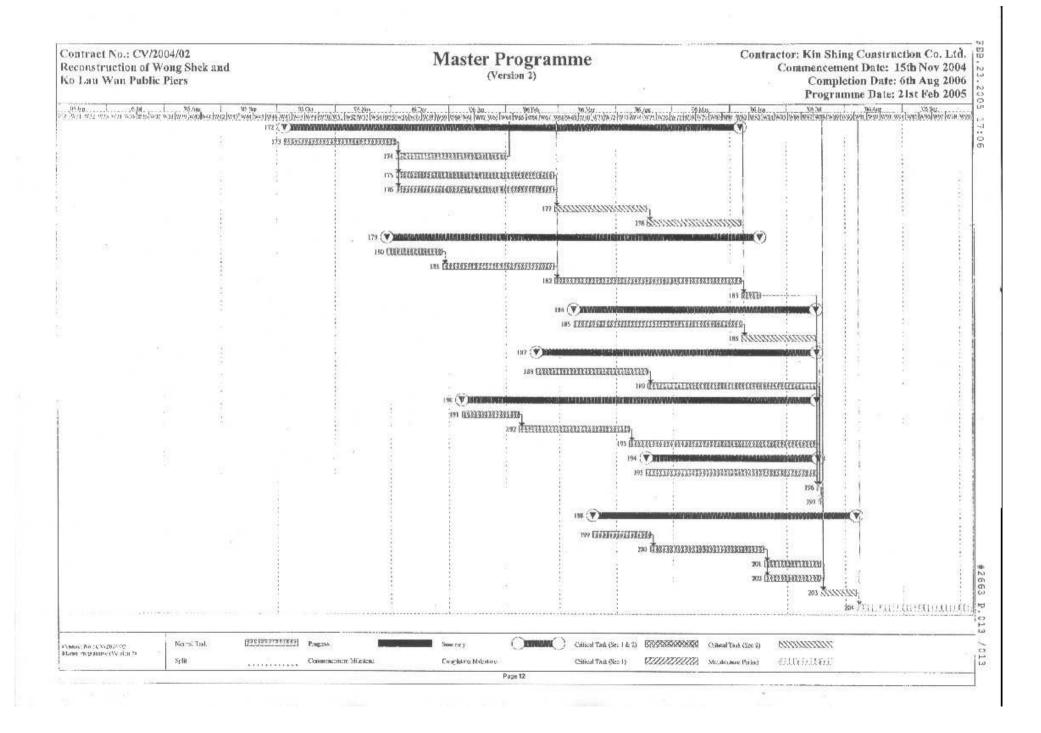




Figure 4.1

Layout of Environmental Monitoring Stations

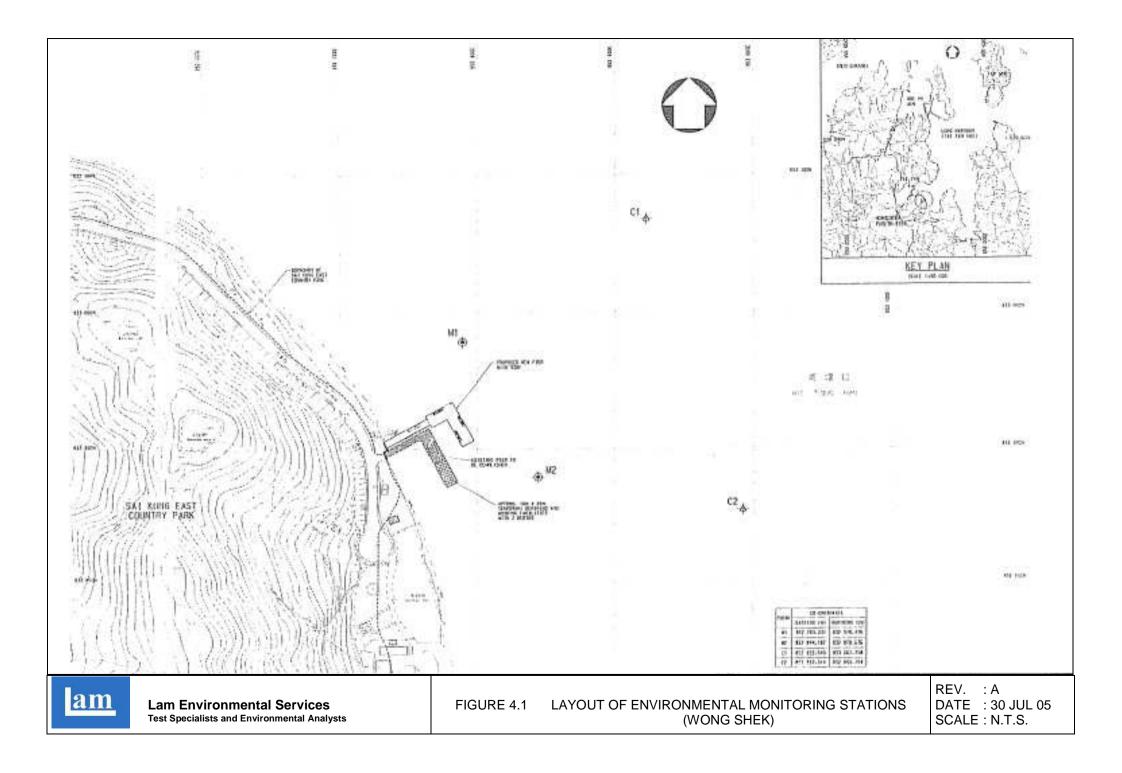
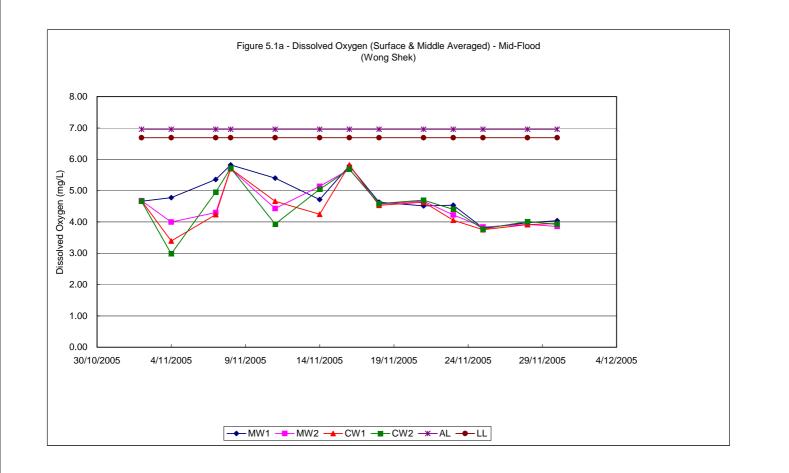
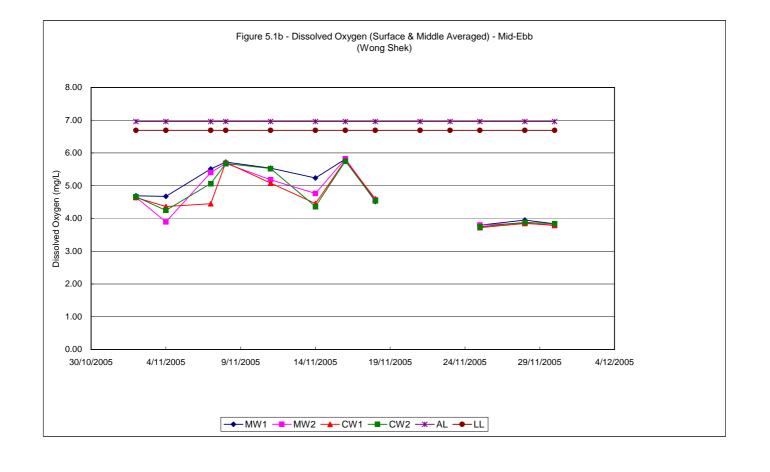


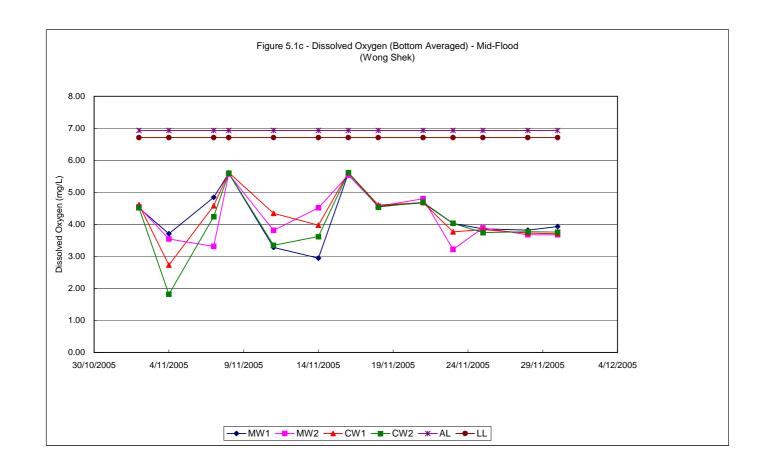


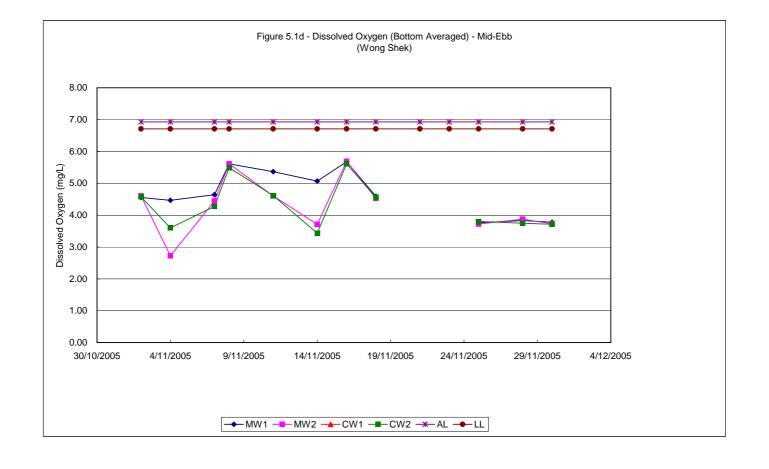
Figure 5.1a-h

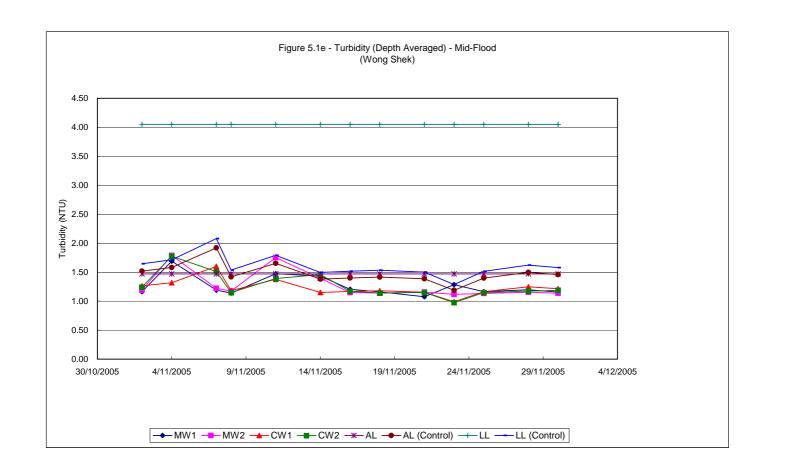
Graphical Plots of Water Quality Monitoring Results

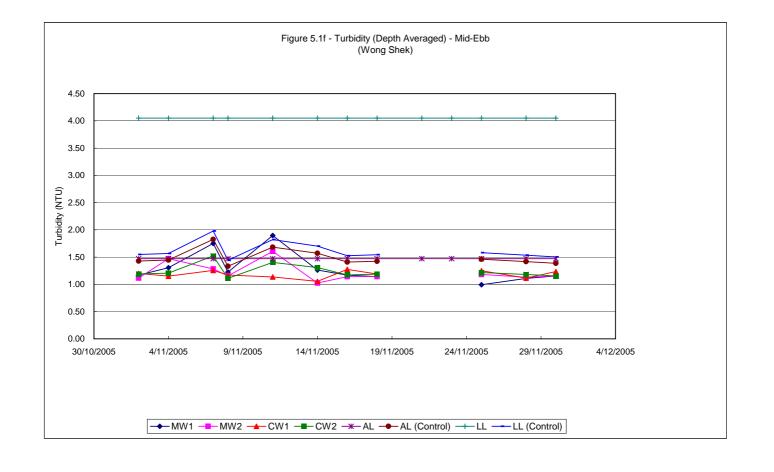


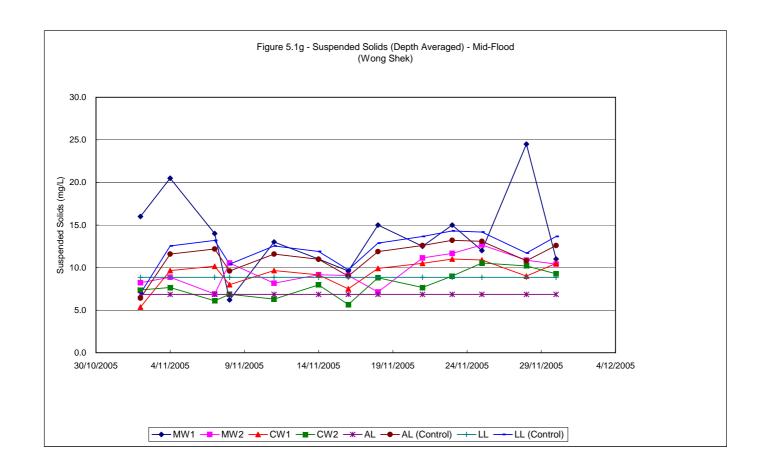


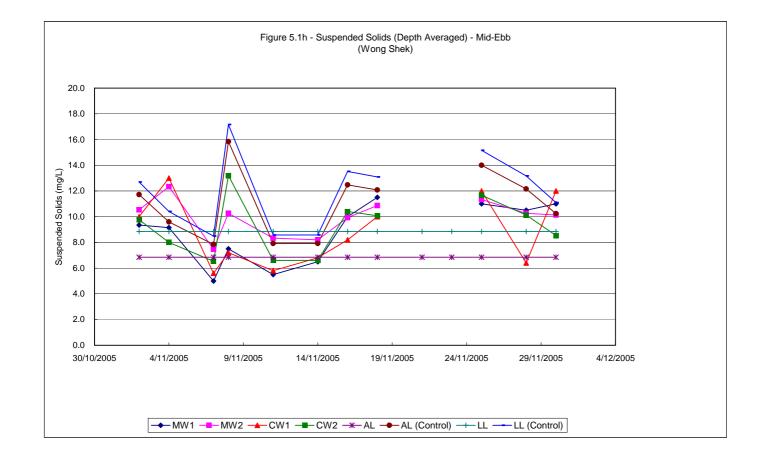














Appendix A

Organization Chart



**Project Proponent Environmental Protection Department Civil Engineering and Development Civil Engineering Office** Mr. David C. S. Leung (Tel: 2760 5737; Fax: 2714 2054; Mobile: 96301235) **Environmental Team** Independent Environmental Checker Lam Environmental Services MateriaLab Consultants Limited Mr. Jason T. L. Poon Mr. Raymond Dai Senior Environmental Scientist Manager (Tel: 2975 3300; Fax: 2897 5509; Mobile: 9738 0738) (Tel: 2452 7140; Fax: 2450 6138; Mobile: 9450 1968)

> Main Contractor Kin Shing Construction Co. Ltd. Mr. Simon Fok Site Agent (Tel: 27296779; Fax: 2729 7858; Mobile: 60108730)



Appendix B

Implementation Schedule of Mitigation Measures

Environmental Aspect	No.	Mitigation Measures	Implementation Status	Follow Up action(s)
Air Quality	AQ01	Provide a wash-pit or a wheel washing and/or vehicle cleaning facility at the exits.	Not applicable at this stage	-
	AQ02	Provide a hard surfaced road between the wheel washing facilities and any finished road.	Not applicable at this stage	-
	AQ03	No burning of construction wastes or vegetation shall be allowed on the Site.	Implemented	-
	AQ04	In the process of material handling, any material which has the potential to create dust shall be treated with water or sprayed with wetting agent.	Not applicable at this stage	-
	AQ05	Any vehicle with an open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards.	Not applicable at this stage	-
	AQ06	Materials having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	Not applicable at this stage	-
	AQ07	Stockpiles of sand, aggregate and construction and demolition material greater than 20m3 shall be enclosed on three sides, with walls extending above the pile and 2 meters beyond the front of the pile.	Not applicable at this stage	-
	AQ08	Water sprays shall be provided and used both to dampen stored materials and when receiving raw materials.	Not applicable at this stage	-
	AQ09	Clean and water the Site to minimize the fugitive dust emissions.	Implemented	-
	AQ10	Furnace, boiler or other plant or equipment or use any fuel that might in any circumstances produce smoke or any other air pollution should not be installed.	Implemented	-
	N01	All plant and equipment to be used on Site are properly maintained in good operating condition and noisy construction activities shall be effectively sound-reduced by means of silencers, mufflers, acoustic linings or shields, acoustic sheds or screens or other means to avoid disturbance to any nearby noise sensitive receivers.	Implemented	-
	N02	No excavator mounted breaker shall be used within 125m from any nearby noise sensitive receivers. Use hydraulic concrete crusher whenever applicable.	Implemented	-
	N03	All construction works should stop on Sundays and General Holidays.	Implemented	-
Water Quality	WQ01	Water in wheel washing facilities shall be changed at frequent intervals and sediments shall be removed regularly.	Not applicable at this stage	-
	WQ02	The polluted water from the wheel washing facilities would not be discharged into all existing stream courses/drains and nearby waterbodies.	Not applicable at this stage	-
	WQ03	All existing stream courses and drains within, and adjacent to the Site should be kept free from any debris and any excavated materials arising from the Works	Implemented	-
	WQ04	Chemicals and concrete agitator washings should not be deposited in watercourses.	Implemented	-
	WQ05	The effluent shall comply with the standards stated in the "Technical Memorandum on Standards and Effluent discharges into Drainage and Sewerage Systems, Inland and Coastal Waters" for the appropriate Water Control Zone.	Implemented	-
	WQ06	No spoil or debris of any kind is allowed to be pushed, washed down, fall or be deposited on land or on the seabed adjacent to the Site.	Implemented	-
	WQ07	Maintain any existing site drainage system at all times including removal of solids in sand traps, manholes and stream beds.	Implemented	-
	WQ08	Material from any earthworks should not be washed into the drainage system.	Implemented	-
	WQ09	Silt curtain shall be provided during all demolition works and piling works with the Site.	Implemented	-

#### Implementation Schedule of Mitigation Measures - Wong Shek



Environmental Aspect	No.	Mitigation Measures	Implementation Status	Follow Up action(s)
	WQ10	Silt curtain shall be formed from tough, abrasion-resistant permeable membranes suitable for the purpose, supported on floating booms in such a way as to ensure that the passage of turbid water to the surrounding water shall be restricted.	Implemented	-
	WQ11	No dredging and spoil dumping shall be conducted.	Not applicable at this stage	-
Ecology	E01	Marker buoys shall be set up to indicate the location of the "Coral Exclusion Zone". All working vessels shall be restricted to encroach the "Coral Exclusion Zone"	Implemented	-
	E02	No overloading of the working barges during operation and no movement of the working barges, particularly close to the pier and shallow areas, during low tide should be allowed.	Not applicable at this stage	-
	E03	No coral shall be enclosed by the silt curtain.	Not applicable at this stage	-
Waste	W01	All excavated materials should be sorted to recover the inert portions for reuse on site or disposal to designated outlets.	Not applicable at this stage	-
	W02	All metals should be recovered on site for collection by recycling contractors.	Scrap waste on flat barge was observed.	Clean up the scrap waste every day after work
	W03	All cardboard and paper packaging should be recovered on site, properly stockpiled in dry condition and covered to prevent cross contamination by other C&D materials.	Implemented	-
	W04	All demolition debris from demolition works should be sorted to recover on site broken concrete, reinforcement bars, mechanical and electrical fittings as well as other building services fittings/materials that have established recycling outlets.	Implemented	-

#### Implementation Schedule of Mitigation Measures - Wong Shek



Appendix C

Calibration Certificates for Monitoring Equipment

### Record sheet for calibration of Water Sonde

Item Stock No : $\underline{F, VZ}$ Date of Calibration : $\underline{V}$	A
Temp.: $\underline{}_{2,0}$ Operator : $\underline{}_{2,\ell}$	Signature :
A <u>Temperature Check</u>	
Reference Equipment Used : Mercury-in- Glass th	ermometer Stock No.: (33
Reference Equipment reading : <u>\\$4.() °C</u>	Sonde reading%_0°C
Reference Equipment reading : <u>C</u>	Sonde reading : °C

(Note: Difference between the two readings to be <0.5°C.)

#### B DO (% Saturation) Calibration

To be performed in aerated clean sea water before use and checked after use. Difference should be less than 10%.

Laboratory Check

Zero DO check (prepared in clean sea water according to APHA 4500-O G, section 3a.)

probe reading 0.00 %

### C <u>Conductivity (Salinity Calibration)</u>

Standards Used : \_\_\_\_\_ ppt \_\_\_\_ , \_\_\_\_\_ ,

Check Standard : ppt Readout Value : ppt

Difference between readout value and actual value should be less than 3%.

### D <u>Conductivity Calibration</u>

Standards Used : \_\_\_\_\_\_, \_\_\_\_\_, (mS/cm)

Check Standard : Readout Value : (mS/cm)

Difference between readout value and actual value should be less than 2%.

#### E <u>Turbidity Calibration</u>

Standards Used : \_\_\_\_\_\_, \_\_\_\_\_, (NTU)

Check Standard : \_\_\_\_\_ Readout Value : \_\_\_\_(NTU)

Difference between readout value and actual value should be less than 10%.

F <u>pH check</u> Standards Used : pH 7.00, pH 10.00. Buffer standard: pH 9.00. QC Check Standard : pH 9.182. Readout Value : pH 9.182.

Difference between readout value and actual value should be +/- 0.03pH unit.

Date : 16 Sunt 016 Certified by:

Lam Geotechnics Ltd Environmental Laboratory Procedure IC 51 Version No. : 1 Date : 30 December 2001

# CALIBRATION OF BIOCHEMICAL OXYGEN DEMAND PROBE (BY WINKLER TITRATION)

Equipment No.:  $\underline{H4B} \underline{H44}$ Conducted by :  $\underline{S} \underline{L}$ Checked by :  $\underline{H4B} \underline{H44}$  Calibration Temperature :  $22^{\circ}$ Date : 281905Date : 39-PJ5

(1) Standardization of sodium thiosulphate  $(Na_2S_2O_3)$  solution

	·		1
	Trial 1	Trial 2	
Final Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL			
Initial Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL			-
Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> consumed (O), mL			
Normality of $Na_2S_2O_3$ solution (N), N			ŀ
Average normality of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> solution	0.023		
<i>Calculation</i> : $N = 1/O$	standardized	Lon. 20171	2002

(2) Calibration of DO meter with distilled/deionised water

	Trial 1	Trial 2	Trial 3
Final Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL	10-3 X3	33.8	45.7
Initial Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL	[03]	ב- הר	33,8
Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used (V), mL	12.0	11.5	11.4
Dissolved oxygen,(DO) mg/L	Pri-	7.18	7.05
Average of dissolved oxygen	)	7.085	
DO determined by BOD probe		7.05	
Acceptance criteria, Deviation	Less	than +/- 0.3 mg	g DO/L

Calculation:

 $DO(mg/L) = V \times N \times 7999.7/(300-2)$ 

Cartified by:

\\Lab\Common\Calibration\ICform\Ic51

Lam Geotechnics Ltd Environmental Laboratory Procedure IC 51 Version No. : 1 Date : 30 December 2000

	Trial 1	Trial 2	Trial 3
Final Vol. of $Na_2S_2O_3$ used, mL	20.7	31. J-	GB (1.4
Initial Vol. of $Na_2S_2O_3$ used, mL	10.3	20.7	31.2
Vol. of $Na_2S_2O_3$ used (V), mL	10.4	105	(0.)
Dissolved oxygen,(DO) mg/L	b.41	6.50.	631
Average of dissolved oxygen		6.42.	
DO determined by BOD probe	· · · ·	625.	
Acceptance criteria, Deviation	Less	than +/- 0.3 mg	g DO/L

Calculation:

 $DO(mg/L) = V \times N \times 7999.7/(300-2)$ 

(4) Calibration of temperature compensator

(3) Calibration of salinity compensator [10 ppt or 20 ppt]

	Trial 1	Trial 2
Temperature reading from BOD probe		
Temperature reading from reference thermometer ( )		
Acceptance criteria, Deviation	tance criteria, Deviation Less than +/- 1°C	

(5) Linearity Check of BOD probe

	Reading form BOD probe	Result from Winker Titration
	I Reading form BOD probe	
First point (7 – 9 mg/L)		
Second point (4 - 6 mg/L)		
Third point (1 –3 mg/L)		
Linearity, R		
Acceptance Criteria, R	R > 0.	996

# Record sheet for calibration of Water Sonde

$\mathcal{F}_{\mathcal{A}} \mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A}$ . Item Stock No : Date of Calibration :	28 (9 (55 Procedure Used : <u>IC 34</u>
Temp.: $\gamma$ Operator : $\gamma$	Signature : M

#### A <u>Temperature Check</u>

Reference Equipment Used : Me	ercury-in- Glass th	ermometer Stock	No.:	
Reference Equipment reading :	<u>°C</u>	Sonde reading_	yan an ana ang ang ang ang ang ang ang an	°C
Reference Equipment reading :	°C	Sonde reading :		°C
	usedings to be	<0.5°C )		

(Note: Difference between the two readings to be  $<0.5^{\circ}$ C.)

#### B DO (% Saturation) Calibration

To be performed in aerated clean sea water before use and checked after use. Difference should be less than 10%.

Laboratory Check

Zero DO check (prepared in clean sea water according to APHA 4500-O G, section 3a.)

probe reading	%		In D.D. calibration
	· · ·	Regnarks:	10 pp.t. stal.
C <u>Conductivity (Salinity</u>	y Calibration)		+ 10.35 ppt
Standards Used :	ppt,	,	
Check Standard : 35.35	ppt Readout Value : 35	25 ppt	
Difference between readout v	value and actual value should b	be less than 3%	ю.

### D Conductivity Calibration

 Standards Used :
 , \_\_\_\_\_\_, \_\_\_\_\_ (mS/cm)

 Check Standard :
 Readout Value :
 (mS/cm)

Difference between readout value and actual value should be less than 2%.

#### E Turbidity Calibration

Standards Used :	,	·	(NTU)	
Check Standard :	Readou	t Value :		(NTU)

Difference between readout value and actual value should be less than 10%.



Appendix D

Water Quality Monitoring Results

Project:	Contract	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	2/11/2005		w	eather C	ondition:	Sunny				Ambier	nt Tempera	ature,⁰C:	26		٦	Fide State:	Mid-Floo	bd	_	
Station	Time	Sea	Overall	Sampling	Temper	ature, °C	Dissolve		n ma/l	Dissolve	d Oyvae	n %	Salinity,	nnt	Turbidity	NTU		Suspen	ded Solid	ls ma/l	Remarks
Oldion		Condition	Depth, m		a	b	a	b	Average	a		Average	a	b	a		Average	ouspend		Depth Average	Remains
MW1 S	17:30			1	25.0	25.0	4.62	4.70	4.66	67.3	66.9	67.1	35.4	35.4	1.34	1.18		13.0			
MW1 M	17:30		5	2.5	24.9	24.9			4.00			07.1					1.16			16.0	
MW1 B	17:32			4	24.9	24.9	4.50	4.53	4.52	65.8	65.3	65.6	35.3	35.3	1.16	0.97		19.0			
MW2 S	17:00			1	25.0	25.0	4.73	4.69	4.68	67.1	67.4	66.3	35.4	35.4	1.32	1.42		11.0	6.3		
MW2 M	17:01		10	5	24.8	24.8	4.63	4.66	4.00	64.9	65.7	00.5	35.3	35.3	1.17	0.83	1.19	4.3	13.0	8.2	
MW2 B	17:05			9	24.8	24.8	4.54	4.55	4.55	65.0	64.4	64.7	35.3	35.3	1.26	1.15		4.7	10.0		
CW1 S	17:45			1	25.0	25.0	4.67	4.68	4.68	68.0	66.5	67.3	35.4	35.4	1.29	1.20		5.0			
CW1 M	17:45		4						4.00			07.5					1.27			5.4	
CW1 B	17:46			3	24.8	24.8	4.63	4.60	4.62	66.7	66.2	66.5	35.4	35.3	1.23	1.34		5.7			
CW2 S	17:15			1	25.0	25.0	4.73	4.68	4.66	67.3	66.8	66.6	35.4	35.4	1.18	1.48		4.7			
CW2 M	17:16		11	5.5	24.9	24.9	4.65	4.57	4.00	66.4	66.0	00.0	35.3	35.2	1.30	1.06	1.24	7.7		7.4	
CW2 B	17:20			10	24.9	24.8	4.53	4.50	4.52	65.3	65.6	65.5	35.2	35.2	1.30	1.14		9.7			
Equipmer	t used:	Dissolved Ox	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	伊		
		Turbidity Met	er:		EM	2365		Calibrati	on Check:		9.8	NTU					Checked	By:	Raymon	id Dai	
		Salinity Mete	r:		EM	6167		Calibrati	on Check:		34.8	ppt					Date:		9/11/200	05	
		Thermomete	r:		<b>E</b> 8.4	0407															
			••		EM	6167															
Proiect:	Contract	No. CV/2004/0		truction of V			Lau Wa	n Public I	Piers		Client:	Kin Shina	Construc	ction Co	Ltd.		Job No.:	J429			
		No. CV/2004/0	02 Recons		Vong She	ek and Ko		n Public I	Piers			Kin Shing					Job No.: Fide State:				
Date of	Sampling:	2/11/2005	02 Recons	W	Vong She 'eather C	ek and Ko	Sunny				Ambier	nt Tempera	ature,°C:	28		1	Job No.: Fide State:	Mid-Ebb		-	Democio
Date of			02 Recons	Sampling	Vong She 'eather C	ek and Ko	Sunny	d Oxygei			Ambier d Oxyger	nt Tempera		28		, NTU		Mid-Ebb	ded Solid	Depth	Remarks
Date of Station	Sampling: Time	2/11/2005 Sea	02 Recons	W Sampling Depth,m	Vong She Veather C Tempera a	ek and Ko ondition: ature, °C b	Sunny Dissolve a	d Oxygei b	n, mg/L	Dissolve a	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solid		Remarks
Date of Station MW1 S	Sampling: Time 13:00	2/11/2005 Sea Condition	Overall Depth, m	Sampling	Vong She 'eather C Tempera	ek and Ko ondition: ature, °C	Sunny Dissolve	d Oxygei	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solid	Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 13:00 13:00	2/11/2005 Sea	02 Recons	W Sampling Depth,m	Vong She Yeather C Tempera a 25.3	ondition: ature, °C b 25.3	Sunny Dissolve a 4.66	d Oxygen b 4.72	n, mg/L Average 4.69	Dissolve a 68.4	Ambier d Oxyger b 68.2	nt Tempera n, % Average 68.3	ature,°C: Salinity, a 35.4	28 ppt b 35.4	Turbidity a 1.18	, NTU b 1.23	Fide State:	Mid-Ebb	ded Solid	Depth	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 13:00 13:00 13:01	2/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3	Vong She leather C Tempera a 25.3 25.0	ek and Ko ondition: ature, °C b 25.3 25.0	Sunny Dissolve a 4.66 4.53	d Oxyger b 4.72 4.58	n, mg/L Average	Dissolve a 68.4 66.3	Ambier d Oxyger b 68.2 66.7	nt Tempera n, % Average	Salinity, a 35.4 35.2	28 ppt b 35.4 35.2	Turbidity a 1.18 1.02	, NTU b 1.23 1.24	Fide State:	Mid-Ebb Suspend 9.7 9.0	ded Solid	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 13:00 13:00 13:01 12:30	2/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Vong She Yeather C Tempera 25.3 25.0 25.4	ek and Ko ondition: ature, °C b 25.3 25.0 25.4	Sunny Dissolve a 4.66 4.53 4.74	d Oxyger b 4.72 4.58 4.65	n, mg/L Average 4.69	Dissolve a 68.4 66.3 68.4	Ambier d Oxyger b 68.2 66.7 67.9	nt Tempera n, % Average 68.3	ature, °C: Salinity, a 35.4 35.2 35.4	28 ppt b 35.4 35.2 35.4	Turbidity a 1.18 1.02 0.99	, NTU b 1.23 1.24 1.16	Average	Mid-Ebb Suspend 9.7 9.0 8.3	ded Solid	Depth Average 9.4	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 13:00 13:00 13:01	2/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3	Vong She leather C Tempera a 25.3 25.0	ek and Ko ondition: ature, °C b 25.3 25.0	Sunny Dissolve a 4.66 4.53	d Oxyger b 4.72 4.58	n, mg/L Average 4.69 4.56	Dissolve a 68.4 66.3	Ambier d Oxyger b 68.2 66.7	nt Tempera n, % Average 68.3 66.5	Salinity, a 35.4 35.2	28 ppt b 35.4 35.2	Turbidity a 1.18 1.02	, NTU b 1.23 1.24	Fide State:	Mid-Ebb Suspend 9.7 9.0	ded Solid	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 13:00 13:00 13:01 12:30 12:31 12:34	2/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	Vong She 'eather C Tempera a 25.3 25.0 25.4 25.2	and Ko           ondition:           ature, °C           b           25.3           25.0           25.4           25.2	Sunny Dissolve a 4.66 4.53 4.74 4.62	d Oxygen b 4.72 4.58 4.65 4.58	n, mg/L Average 4.69 4.56 4.65	Dissolve a 68.4 66.3 68.4 67.0	Ambien d Oxygen b 68.2 66.7 67.9 66.3	nt Tempera n, % Average 68.3 66.5 67.4	Salinity,         a           35.4         35.2           35.4         35.1	28 ppt b 35.4 35.2 35.4 35.4 35.1	Turbidity a 1.18 1.02 0.99 1.24	, NTU b 1.23 1.24 1.16 1.03	Average	Mid-Ebb Suspend 9.7 9.0 8.3 14.0	ded Solid	Depth Average 9.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 13:00 13:01 12:30 12:31 12:34 13:15	2/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8	Vong She 'eather C Tempera 25.3 25.0 25.4 25.2 25.1	ek and Ko ondition: ature, °C b 25.3 25.0 25.4 25.2 25.1	Sunny Dissolve a 4.66 4.53 4.74 4.62 4.61	d Oxygen b 4.72 4.58 4.65 4.65 4.60	n, mg/L Average 4.69 4.56 4.65	Dissolve a 68.4 66.3 68.4 67.0 65.0	Ambien d Oxygen b 68.2 66.7 67.9 66.3 65.4	nt Tempera n, % Average 68.3 66.5 67.4	ature,°C: Salinity, a 35.4 35.2 35.4 35.1 35.1 35.1	28 ppt b 35.4 35.2 35.4 35.1 35.1	Turbidity a 1.18 1.02 0.99 1.24 1.15	, NTU b 1.23 1.24 1.16 1.03 1.12	Average	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3	ded Solid	Depth Average 9.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Sampling: Time 13:00 13:01 12:30 12:31 12:34 13:15 13:15	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	Vong She 'eather C Tempera a 25.3 25.0 25.4 25.2	and Ko           ondition:           ature, °C           b           25.3           25.0           25.4           25.2	Sunny Dissolve a 4.66 4.53 4.74 4.62	d Oxygen b 4.72 4.58 4.65 4.58	n, mg/L Average 4.69 4.56 4.65 4.61 4.64	Dissolve a 68.4 66.3 68.4 67.0	Ambien d Oxygen b 68.2 66.7 67.9 66.3	nt Tempera n, % Average 68.3 66.5 67.4 65.2 66.9	Salinity,         a           35.4         35.2           35.4         35.1	28 ppt b 35.4 35.2 35.4 35.4 35.1	Turbidity a 1.18 1.02 0.99 1.24	, NTU b 1.23 1.24 1.16 1.03	Average 1.17 1.12	Mid-Ebb Suspend 9.7 9.0 8.3 14.0	ded Solid	9.4 9.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Sampling: Time 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8 8	Vong She reather C 25.3 25.0 25.0 25.4 25.2 25.1 25.3	ek and Ko ondition: ature, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.2	Sunny Dissolve a 4.66 4.53 4.74 4.62 4.61 4.63	d Oxyger b 4.72 4.58 4.65 4.65 4.60	n, mg/L Average 4.69 4.56 4.65 4.61	Dissolve a 68.4 66.3 68.4 67.0 65.0 67.3	Ambien d Oxygee b 66.2 66.7 67.9 66.3 65.4 66.4	nt Tempera Average 68.3 66.5 67.4 65.2	ature,°C: <u>Salinity</u> , a 35.4 35.4 35.4 35.1 35.1 35.1 35.2	28 ppt 35.4 35.2 35.4 35.1 35.1 35.1 35.3	Turbidity a 1.18 1.02 0.99 1.24 1.15 1.17	1.23 1.24 1.12 1.12 1.12	Average 1.17 1.12	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0	ded Solid	9.4 9.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 S	Sampling: Time 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15 12:45	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 1.5 1.5	Vong She leather C 25.3 25.0 25.4 25.2 25.1 25.3 25.3	ek and Ko ondition: ture, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.2 25.2	Sunny           Dissolve           a           4.66           4.53           4.74           4.62           4.61           4.63           4.72	d Oxyger b 4.72 4.58 4.65 4.65 4.65 4.65 4.63	n, mg/L Average 4.69 4.56 4.65 4.61 4.64	Dissolve           a           68.4           66.3           68.4           67.0           65.0           67.3           68.5	Ambien d Oxygen b 66.2 66.7 66.3 65.4 66.4 66.4 68.0	nt Tempera n, % Average 68.3 66.5 67.4 65.2 66.9	ature,°C: <u>Salinity</u> , a 35.4 35.2 35.4 35.1 35.1 35.2 35.2 35.4	28 ppt b 35.4 35.2 35.4 35.1 35.1 35.1 35.3 35.4	Turbidity a 1.18 1.02 0.99 1.24 1.15 1.17 1.34	1.23 1.24 1.16 1.03 1.12 1.23	Average           1.17           1.12           1.20	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0 11.0	ded Solid	Depth Average 9.4 10.5 10.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 13:00 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15 12:45 12:46	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8 8 1.5 1 1 5	Vong She Veather C Tempera 25.3 25.0 25.4 25.2 25.1 25.3 25.3 25.3 25.3	ek and Ko ondition: ture, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.2 25.4 25.2 25.2	Sunny           Dissolve           a           4.66           4.53           4.74           4.62           4.61           4.63           4.72           4.63	d Oxyger b 4.72 4.58 4.65 4.65 4.60 4.65 4.63 4.63	n, mg/L Average 4.69 4.56 4.65 4.61 4.64 #DIV/0! 4.66	Dissolve           a           68.4           66.3           68.4           67.0           65.0           67.3           68.5           66.8	Ambient b 68.2 66.7 67.9 66.3 65.4 66.4 68.0 67.1	nt Tempera Average 68.3 66.5 67.4 65.2 66.9 #DIV/0! 67.6	ature,°C: Salinity, a 35.4 35.4 35.1 35.1 35.2 35.4 35.2 35.4 35.2	28 ppt b 35.4 35.2 35.4 35.1 35.1 35.1 35.3 35.3 35.4 35.4 35.2	Turbidity           a           1.18           1.02           0.99           1.24           1.15           1.17           1.34           1.26	NTU           b           1.23           1.24           1.16           1.03           1.12           1.23           1.12           1.23	Average 1.17 1.12	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0 11.0 7.3	ded Solid	9.4 9.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 S	Sampling: Time 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15 12:45	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 1.5 1.5	Vong She leather C 25.3 25.0 25.4 25.2 25.1 25.3 25.3	ek and Ko ondition: ture, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.2 25.2	Sunny           Dissolve           a           4.66           4.53           4.74           4.62           4.61           4.63           4.72	d Oxyger b 4.72 4.58 4.65 4.65 4.65 4.65 4.63	n, mg/L Average 4.69 4.56 4.65 4.61 4.64 #DIV/0!	Dissolve           a           68.4           66.3           68.4           67.0           65.0           67.3           68.5	Ambien d Oxygen b 66.2 66.7 66.3 65.4 66.4 66.4 68.0	nt Tempera n, % Average 68.3 66.5 67.4 65.2 66.9 #DIV/0!	ature,°C: <u>Salinity</u> , a 35.4 35.2 35.4 35.1 35.1 35.2 35.2 35.4	28 ppt b 35.4 35.2 35.4 35.1 35.1 35.1 35.3 35.4	Turbidity a 1.18 1.02 0.99 1.24 1.15 1.17 1.34	1.23 1.24 1.16 1.03 1.12 1.23	Average           1.17           1.12           1.20	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0 11.0	ded Solid	Depth Average 9.4 10.5 10.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 13:00 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15 13:15 12:46 12:50	2/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3 8	W Sampling Depth,m 1 3 1 4.5 8 8 1.5 1.5 1 5 9	Vong She Veather C Tempera 25.3 25.0 25.4 25.2 25.1 25.3 25.3 25.3 25.3	ek and Ko ondition: ture, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.2 25.4 25.2 25.2	Sunny           Dissolve           a           4.66           4.53           4.74           4.62           4.61           4.63           4.72           4.63	d Oxygee b 4.72 4.58 4.65 4.65 4.65 4.65 4.63 4.67 4.55	n, mg/L Average 4.69 4.56 4.65 4.61 4.64 #DIV/0! 4.66	Dissolve           a           68.4           66.3           68.4           67.0           65.0           67.3           68.5           66.8	Ambient b 68.2 66.7 67.9 66.3 65.4 66.4 68.0 67.1	nt Temperat n, % Average 68.3 66.5 67.4 65.2 66.9 #DIV/0! 67.6 65.3	ature,°C: Salinity, a 35.4 35.4 35.1 35.1 35.2 35.4 35.2 35.4 35.2	28 ppt b 35.4 35.2 35.4 35.1 35.1 35.1 35.3 35.3 35.4 35.4 35.2	Turbidity           a           1.18           1.02           0.99           1.24           1.15           1.17           1.34           1.26	NTU           b           1.23           1.24           1.16           1.03           1.12           1.23           1.12           1.23	Average           1.17           1.12           1.20	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0 11.0 7.3 11.0	ded Solid	Depth Average 9.4 10.5 10.0	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW2 S CW2 M CW2 B	Sampling: Time 13:00 13:00 13:01 12:30 12:31 12:34 13:15 13:15 13:15 13:15 12:46 12:50	2/11/2005 Sea Condition small wave small wave small wave	Overall Depth, m 4 9 3 3 8	W Sampling Depth,m 1 3 1 4.5 8 8 1.5 1.5 1 5 9	Vong She reather C Tempera 25.3 25.0 25.0 25.4 25.2 25.1 25.3 25.3 25.3 25.1 25.1	ek and Ko ondition: ture, °C b 25.3 25.0 25.4 25.2 25.1 25.2 25.4 25.2 25.4 25.1	Sunny           Dissolve           a           4.66           4.53           4.74           4.62           4.61           4.63           4.72           4.63           4.60	d Oxygen b 4.72 4.58 4.65 4.58 4.65 4.60 4.65 4.63 4.67 4.55 Calibratio	n, mg/L Average 4.69 4.56 4.65 4.61 4.64 #DIV/0! 4.66 4.58	Dissolve           a           68.4           66.3           68.4           67.0           65.0           67.3           68.5           66.8	Ambien d Oxygee b 66.2 66.7 67.9 66.3 65.4 66.4 66.4 66.0 67.1 65.0	nt Temperat n, % Average 68.3 66.5 67.4 65.2 66.9 #DIV/0! 67.6 65.3	ature,°C: Salinity, a 35.4 35.4 35.1 35.1 35.2 35.4 35.2 35.4 35.2	28 ppt b 35.4 35.2 35.4 35.1 35.1 35.1 35.3 35.3 35.4 35.4 35.2	Turbidity           a           1.18           1.02           0.99           1.24           1.15           1.17           1.34           1.26	NTU           b           1.23           1.24           1.16           1.03           1.12           1.23           1.12           1.23	Average           1.17           1.12           1.20           1.19	Mid-Ebb Suspend 9.7 9.0 8.3 14.0 9.3 10.0 11.0 7.3 11.0 8y:		Depth Average 9.4 10.5 10.0 9.8	Remarks

Thermometer:

EM 6167

Project:	Contract I	No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
Date of	Sampling:	4/11/2005		W	/eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	26			Tide State:	Mid-Floc	d	<u>.</u>	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ⁰C b	Dissolve a		n, mg/L Average	Dissolve a	d Oxygei b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth	Remarks
10044	40.44				05.0	05.4	5.40	F 00		70.4	70.0		00.0	00.4	4.00			22.0		Average	
MW1 S	16:11		5	1	25.2	25.1	5.10	5.08	4.78	79.1	78.9	75.8	32.2	32.4	1.08	1.11	1.69	22.0		20.5	
MW1 M	16:15		5	2.5	24.7	24.5	4.47	4.45	0.74	72.7	72.5	05.0	33.5	33.6	1.71	1.75	1.09			20.5	
MW1 B	16:23			4	23.9	23.8	3.71	3.70	3.71	65.3	65.1	65.2	34.1	34.2	2.23	2.26		19.0			
MW2 S	16:27			1	25.4	25.3	4.39	4.37	4.00	71.9	71.8	68.0	31.4	31.5	1.47	1.50		10.0			
MW2 M	16:31		10	5	24.2	24.4	3.62	3.61		64.2	64.1		32.2	32.3	1.59	1.61	1.79	9.3		8.9	
MW2 B	16:35			9	23.5	23.4	3.55	3.54	3.55	63.5	63.4	63.5	33.7	33.8	2.27	2.30		7.3			
CW1 S	16:02			1	24.8	24.9	3.40	3.38	3.39	62.0	61.8	61.9	31.3	31.2	1.44	1.45	-	8.3		-	
CW1 M			4														1.32			9.7	
CW1 B	16:07			3	23.9	23.8	2.74	2.72	2.73	55.2	55.0	55.1	32.5	32.4	1.18	1.20		11.0			
CW2 S	16:38			1	25.2	25.0	3.43	3.41	2.98	62.4	62.2	58.0	32.0	31.8	1.54	1.56		5.7			
CW2 M	16:45		11	5.5	24.2	24.1	2.55	2.53		53.8	53.6		33.1	32.9	1.29	1.30	1.78	8.0		7.7	
CW2 B	16:50			10	23.7	23.9	1.82	1.81	1.82	45.1	45.0	45.1	34.2	34.0	2.47	2.50		9.3			
		Turbidity Met			EM EM	2365 6167			on Check: on Check:		10 35						Checked Date:		Raymor		
					-																
		Thermomete	r:		EM	6167															
		No. CV/2004/	02 Recons		Vong She	k and Ko		n Public I			Client:	Kin Shing					Job No.:	J429	 -		
			02 Recons		Vong She /eather C	k and Ko	Sunny		Piers		Client: Ambie	<u>Kin Shing</u> nt Tempera		26		-		J429 Mid-Ebb	-	-	
Date of		No. CV/2004/	02 Recons	Sampling	Vong She /eather C	k and Ko		d Oxygei	Piers		Client: Ambier	<u>Kin Shing</u> nt Tempera		26		-	Job No.:	J429	-	ls, mg/L Depth	Remarks
Date of Station	Sampling: Time	No. CV/2004/0 4/11/2005 Sea	02 Recons	W Sampling Depth,m	Vong She /eather C Tempera a	ek and Ko ondition: ature, °C b	Sunny Dissolve a	d Oxygei b	Piers n, mg/L	Dissolve a	Client: Ambier d Oxyger b	Kin Shing nt Tempera	ature,°C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Job No.: Tide State:	J429 Mid-Ebb Suspend	-	- ls, mg/L	Remarks
Date of Station MW1 S	Sampling:	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m	Sampling	Vong She /eather C Tempera	ek and Ko ondition: ature, °C	Sunny Dissolve	d Oxygei	Piers n, mg/L	Dissolve	Client: Ambier	Kin Shing nt Tempera	ature,⁰C: Salinity,	26 ppt	Turbidity	, NTU	Job No.: Tide State: Average	J429 Mid-Ebb	-	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 13:05	No. CV/2004/0 4/11/2005 Sea	02 Recons	W Sampling Depth,m	Vong She /eather C Tempera a 25.6	ek and Ko ondition: ature, °C b 25.2	Sunny Dissolve a 4.67	d Oxygen b 4.68	Piers n, mg/L Average 4.68	Dissolve a 74.1	Client: Ambieu d Oxygeu b 74.2	Kin Shing nt Tempera n, % Average 74.2	ature, °C: Salinity, a 32.2	26 ppt b 32.4	Turbidity a 1.45	, NTU b 1.42	Job No.: Tide State:	J429 Mid-Ebb Suspenc 7.3	-	ls, mg/L Depth	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 13:05 13:12	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m	W Sampling Depth,m 1 3	Vong She leather C a 25.6 23.9	ature, °C b 25.2 24.2	Sunny Dissolve a 4.67 4.46	d Oxyger b 4.68 4.47	Piers n, mg/L Average	Dissolve a 74.1 73.0	Client: Ambieu d Oxygen b 74.2 72.8	Kin Shing nt Tempera n, % Average	Salinity, a 32.2 33.5	26 ppt b 32.4 33.6	Turbidity a 1.45 1.16	, NTU b 1.42 1.19	Job No.: Tide State: Average	J429 Mid-Ebb Suspence 7.3 11.0	-	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 13:05 13:12 13:17	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Vong She /eather C 25.6 23.9 25.2	ature, °C b 25.2 24.2 25.1	Sunny Dissolve a 4.67 4.46 4.39	d Oxyger b 4.68 4.47 4.37	Piers n, mg/L Average 4.68	Dissolve a 74.1 73.0 71.4	Client: Ambien b 74.2 72.8 71.2	Kin Shing nt Tempera n, % Average 74.2	ature, °C: Salinity, a 32.2 33.5 31.8	26 ppt b 32.4 33.6 32.0	Turbidity a 1.45 1.16 1.31	, NTU b 1.42 1.19 1.34	Job No.: Fide State: Average	J429 Mid-Ebb Suspend 7.3 11.0 11.0	-	s, mg/L Depth Average 9.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 13:05 13:12 13:17 13:24	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m	W Sampling Depth,m 1 3 1 4.5	Vong She /eather C 7 Empera 25.6 23.9 25.2 23.8	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0	Sunny Dissolve a 4.67 4.46 4.39 3.42	d Oxygen b 4.68 4.47 4.37 3.40	Piers n, mg/L Average 4.68 4.47 3.90	Dissolve a 74.1 73.0 71.4 62.3	Client: Ambieu d Oxygeu b 74.2 72.8 71.2 62.1	Kin Shing nt Tempera n, % Average 74.2 72.9 66.8	ature, °C: Salinity, a 32.2 33.5 31.8 33.2	26 ppt 32.4 33.6 32.0 33.4	Turbidity a 1.45 1.16 1.31 1.45	, NTU b 1.42 1.19 1.34 1.46	Job No.: Tide State: Average	J429 Mid-Ebb Suspend 7.3 11.0 11.0 14.0	-	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 13:05 13:12 13:17	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Vong She /eather C 25.6 23.9 25.2	ature, °C b 25.2 24.2 25.1	Sunny Dissolve a 4.67 4.46 4.39	d Oxyger b 4.68 4.47 4.37	Piers n, mg/L Average 4.68 4.47	Dissolve a 74.1 73.0 71.4	Client: Ambien b 74.2 72.8 71.2	Kin Shing nt Tempera n, % Average 74.2 72.9	ature, °C: Salinity, a 32.2 33.5 31.8	26 ppt b 32.4 33.6 32.0	Turbidity a 1.45 1.16 1.31	, NTU b 1.42 1.19 1.34	Job No.: Fide State: Average	J429 Mid-Ebb Suspend 7.3 11.0 11.0	-	s, mg/L Depth Average 9.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 13:05 13:12 13:17 13:24 13:30	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8	Vong She /eather C 7empera 25.6 23.9 25.2 23.8 23.2	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0 23.1	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71	d Oxygen b 4.68 4.47 4.37 3.40 2.74	Piers n, mg/L Average 4.68 4.47 3.90	Dissolve a 74.1 73.0 71.4 62.3 54.5	Client: Ambiei b 74.2 72.8 71.2 62.1 54.8	Kin Shing nt Tempera n, % Average 74.2 72.9 66.8	ature, °C: Salinity, a 32.2 33.5 31.8 33.2 34.5	26 ppt b 32.4 33.6 32.0 33.4 34.6	Turbidity a 1.45 1.16 1.31 1.45 1.62	, NTU b 1.42 1.19 1.34 1.46 1.65	Job No.: Tide State: Average 1.31 1.47	J429 Mid-Ebb Suspenc 7.3 11.0 14.0 14.0	-	is, mg/L Depth Average 9.2 12.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S	Sampling: Time 13:05 13:12 13:17 13:24	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	Vong She /eather C 7 Empera 25.6 23.9 25.2 23.8	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0	Sunny Dissolve a 4.67 4.46 4.39 3.42	d Oxygen b 4.68 4.47 4.37 3.40	Piers n, mg/L Average 4.68 4.47 3.90 2.73 4.37	Dissolve a 74.1 73.0 71.4 62.3	Client: Ambieu d Oxygeu b 74.2 72.8 71.2 62.1	Kin Shing nt Tempera 74.2 72.9 66.8 54.7 71.6	ature, °C: Salinity, a 32.2 33.5 31.8 33.2	26 ppt 32.4 33.6 32.0 33.4	Turbidity a 1.45 1.16 1.31 1.45	, NTU b 1.42 1.19 1.34 1.46	Job No.: Fide State: Average	J429 Mid-Ebb Suspend 7.3 11.0 11.0 14.0	-	s, mg/L Depth Average 9.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 13:05 13:12 13:17 13:24 13:30 13:00	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8	Vong She /eather C 25.6 23.9 25.2 23.8 23.2 25.5	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0 23.1 25.3	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71 4.38	d Oxygei b 4.68 4.47 4.37 3.40 2.74 4.35	Piers n, mg/L Average 4.68 4.47 3.90 2.73	Dissolve           a           74.1           73.0           71.4           62.3           54.5           71.6	Client: Ambiei d Oxyge b 74.2 72.8 71.2 62.1 54.8 71.5	Kin Shing nt Tempera Average 74.2 72.9 66.8 54.7	ature,°C: Salinity, a 32.2 33.5 31.8 33.2 34.5 35.0	26 ppt 32.4 33.6 32.0 33.4 34.6 35.2	Turbidity a 1.45 1.16 1.31 1.45 1.62 1.14	. NTU b 1.42 1.19 1.34 1.46 1.65	Job No.: Tide State: Average 1.31 1.47	J429 Mid-Ebb Suspend 7.3 11.0 11.0 14.0 12.0 13.0	-	is, mg/L Depth Average 9.2 12.3	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B	Sampling: Time 13:05 13:12 13:17 13:24 13:30 13:00 13:36	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 2 2 1	Vong She /eather C 25.6 23.9 25.2 23.8 23.2 23.8 23.2 25.5 25.5	ek and Ko ondition: b 25.2 24.2 25.1 24.0 23.1 25.3 25.3 25.0	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71 4.38 4.48	d Oxygen b 4.68 4.47 4.37 3.40 2.74 4.35 4.45	Piers n, mg/L Average 4.68 4.47 3.90 2.73 4.37	Dissolve a 74.1 73.0 71.4 62.3 54.5 71.6 72.9	Client: Ambiel b 74.2 72.8 71.2 62.1 54.8 71.5 71.5	Kin Shing nt Tempera 74.2 72.9 66.8 54.7 71.6	ature, °C: <u>Salinity</u> 32.2 33.5 31.8 33.2 34.5 35.0 33.1	26 ppt b 32.4 33.6 32.0 33.4 34.6 35.2 33.3	Turbidity a 1.45 1.16 1.31 1.45 1.62 1.14 1.19		Job No.: Tide State: Average 1.31 1.47 1.15	J429 Mid-Ebb Suspence 7.3 11.0 11.0 14.0 12.0 13.0 6.3	-	s, mg/L Depth Average 9.2 12.3 13.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 13:05 13:12 13:17 13:24 13:30 13:00 13:36 13:36 13:42	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8 8 2 2 1 5	Vong She /eather C 25.6 23.9 25.2 23.8 23.2 25.5 25.5 25.5 25.2 25.2 24.0	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0 23.1 25.3 25.3 25.0 24.1	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71 4.38 4.48 4.04	d Oxyger           b           4.68           4.47           4.37           3.40           2.74           4.35           4.45           4.02	Piers  h, mg/L  Average  4.68  4.47  3.90  2.73  4.37  #DIV/0!  4.25	Dissolve           a           74.1           73.0           71.4           62.3           54.5           71.6           72.9           68.2	Client: Ambiei d Oxyge b 74.2 72.8 71.2 62.1 54.8 71.5 72.8 68.0	Kin Shing           nt Temperative           n, %           Average           74.2           72.9           66.8           54.7           71.6           #DIV/0!           70.5	ature, °C: Salinity, a 32.2 33.5 31.8 33.2 34.5 35.0 33.1 34.4	26 ppt b 32.4 33.6 32.0 33.4 34.6 35.2 33.3 34.4	Turbidity a 1.45 1.16 1.31 1.45 1.62 1.14 1.19 1.25	. NTU b 1.42 1.42 1.44 1.46 1.46 1.46 1.46 1.46 1.46 1.20 1.20	Job No.: Tide State: Average 1.31 1.47	J429 Mid-Ebb Suspend 7.3 11.0 11.0 14.0 12.0 13.0 6.3 7.7	-	is, mg/L Depth Average 9.2 12.3	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	Sampling: Time 13:05 13:12 13:17 13:24 13:30 13:00 13:36	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 2 2 1	Vong She /eather C 25.6 23.9 25.2 23.8 23.2 23.8 23.2 25.5 25.5	ek and Ko ondition: b 25.2 24.2 25.1 24.0 23.1 25.3 25.3 25.0	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71 4.38 4.48	d Oxygen b 4.68 4.47 4.37 3.40 2.74 4.35 4.45	Piers h, mg/L Average 4.68 4.47 3.90 2.73 4.37 #DIV/0!	Dissolve a 74.1 73.0 71.4 62.3 54.5 71.6 72.9	Client: Ambiel b 74.2 72.8 71.2 62.1 54.8 71.5 71.5	Kin Shing           nt Temperative           n, %           Average           74.2           72.9           66.8           54.7           71.6           #DIV/0!	ature, °C: <u>Salinity</u> 32.2 33.5 31.8 33.2 34.5 35.0 33.1	26 ppt b 32.4 33.6 32.0 33.4 34.6 35.2 33.3	Turbidity a 1.45 1.16 1.31 1.45 1.62 1.14 1.19		Job No.: Tide State: Average 1.31 1.47 1.15	J429 Mid-Ebb Suspence 7.3 11.0 11.0 14.0 12.0 13.0 6.3	-	s, mg/L Depth Average 9.2 12.3 13.0	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 S CW2 M	Sampling: Time 13:05 13:12 13:17 13:24 13:30 13:00 13:36 13:42 13:47	No. CV/2004/0 4/11/2005 Sea	Overall Depth, m 4 9 3 10		Vong She /eather C 25.6 23.9 25.2 23.8 23.2 25.5 25.5 25.5 25.2 25.2 24.0	ek and Ko ondition: ature, °C b 25.2 24.2 25.1 24.0 23.1 25.3 25.3 25.0 24.1	Sunny Dissolve a 4.67 4.46 4.39 3.42 2.71 4.38 4.48 4.04 3.61	d Oxygee b 4.68 4.47 4.37 3.40 2.74 4.35 4.45 4.02 3.59	Piers  h, mg/L  Average  4.68  4.47  3.90  2.73  4.37  #DIV/0!  4.25	Dissolve           a           74.1           73.0           71.4           62.3           54.5           71.6           72.9           68.2	Client: Ambiei b 74.2 72.8 71.2 62.1 54.8 71.5 72.8 68.0 64.2	Kin Shing           nt Temperative           n, %           Average           74.2           72.9           66.8           54.7           71.6           #DIV/0!           70.5	ature, °C: <u>Salinity</u> , a 32.2 33.5 31.8 33.2 34.5 35.0 33.1 34.4	26 ppt b 32.4 33.6 32.0 33.4 34.6 35.2 33.3 34.4	Turbidity a 1.45 1.16 1.31 1.45 1.62 1.14 1.19 1.25	. NTU b 1.42 1.42 1.44 1.46 1.46 1.46 1.46 1.46 1.46 1.20 1.20	Job No.: Tide State: Average 1.31 1.47 1.15	J429 Mid-Ebb Suspend 7.3 111.0 111.0 114.0 12.0 13.0 6.3 7.7 10.0	-	s, mg/L Depth Average 9.2 12.3 13.0	Remarks

Salinity Meter: Thermometer: EM EM

6167 6167

Calibration Check:

35 ppt

Date:

11/11/2005

Project:	Contract	No. CV/2004/	02 Recons	truction of W	Vong She	ek and Ko	) Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	tion Co.,	Ltd.		Job No.:	J429			
-		: 7/11/2005				ondition:						nt Tempera					Tide State:		- od		
Station	Time	Sea		Sampling		ature, ⁰C			n ma/l	Dissolve	ed Oxyge		Salinity,		Turbidity			Suspend	ded Solid	te ma/l	Remarks
Station	Time	Condition	Depth, m		a	b	a	1	Average	a	b	Average	a a	b	a	b	Average	ouspend		Depth Average	Remarka
MW1 S	16:10			1	25.2	25.1	5.48	5.49	5.36	82.3	82.5	81.5	33.0	33.2	1.25	1.30		14.0			
MW1 M	16:10		5	2.5	24.1	24.2	5.23	5.22	5.50	80.6	80.5	01.5	33.4	33.3	1.00	1.02	1.19			14.0	
MW1 B	16:12			4	23.7	23.6	4.84	4.85	4.85	76.5	76.6	76.6	34.2	34.1	1.29	1.29		14.0			
MW2 S	16:20			1	25.2	25.0	4.76	4.74	4.30	75.5	75.3	70.9	32.7	32.5	0.83	0.86		7.3			
MW2 M	16:21		10	5	23.5	23.4	3.85	3.84		66.4	66.3	10.0	33.2	33.2	1.33	1.31	1.22	6.7		6.9	
MW2 B	16:25			9	22.4	22.5	3.32	3.30	3.31	61.0	61.2	61.1	34.5	34.3	1.50	1.51		6.7			
CW1 S	16:02			1	25.0	25.1	4.23	4.24	4.24	70.5	70.6	70.6	34.0	34.1	1.14	1.16		11.0			
CW1 M	16:02		4						4.24			70.6					1.60			10.2	
CW1 B	16:03			3	23.9	23.7	4.59	4.57	4.58	73.7	73.5	73.6	34.5	34.4	2.04	2.06		9.3			
CW2 S	16:34			1	25.2	25.1	5.14	5.15	4.95	79.1	79.0	77.4	34.4	34.3	1.40	1.41		6.3			
CW2 M	16:35		9	4.5	24.7	24.6	4.77	4.75	-1.00	75.7	75.6	77.4	34.7	34.5	1.67	1.68	1.51	4.7		6.1	
CW2 B	16:38			8	23.4	23.3	4.22	4.26	4.24	70.4	70.6	70.5	35.2	35.1	1.44	1.47		7.3			
Equipmer	it used:	Dissolved O	xvaen Mete	ır:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	Bv:	Pong		
		Turbidity Me			EM	2365			on Check:		10								Raymor	nd Dai	-
																	Checked				
		-															Checked	-			-
		Salinity Mete	er:		EM	6167			on Check:		34.5						Date:	-	14/11/2		-
		-	er:															-			-
Project:	Contract	Salinity Mete	er: er:		EM EM	6167 6167		Calibrati	on Check:		34.5		Construe	ction Co.,	Ltd.						-
		Salinity Mete	or: or: 02 Recons	truction of W	EM EM Vong She	6167 6167	) Lau Wa	Calibrati	on Check:		34.5 Client:	ppt					Date:	J429	14/11/2		-
Date of		Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	er: 02 Recons	truction of W W Sampling	EM EM Vong She	6167 6167 ek and Kc ondition: ature, °C	b Lau Wa	Calibrati	on Check: Piers	Dissolve	34.5 Client: Ambie	ppt Kin Shing nt Tempera		26 ppt		, NTU	Date: Job No.: Fide State:	J429	14/11/2	005 - ds, mg/L	Remarks
Date of	Sampling	Salinity Mete Thermomete No. CV/2004/	er: 02 Recons	truction of W W Sampling	EM EM Vong She	6167 6167 ek and Ko ondition:	b Lau Wa	Calibrati n Public	on Check: Piers		34.5 Client: Ambie	ppt Kin Shing	ature,°C:	26		1	Date: Job No.:	J429 Mid-Ebb	14/11/2	-	Remarks
Date of Station	Sampling	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	er: 02 Recons	truction of W W Sampling	EM EM Vong She 'eather C Tempera	6167 6167 ek and Kc ondition: ature, °C	D Lau Wa Sunny Dissolve	Calibrati	on Check: Piers n, mg/L Average	Dissolve	34.5 Client: Ambie	ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity,	26 ppt	Turbidity	, NTU	Date: Job No.: Fide State:	J429 Mid-Ebb	14/11/2	005 ds, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	er: 02 Recons	truction of W W Sampling Depth,m	EM EM Vong She Yeather C	6167 6167 ek and Ko ondition: ature, °C b	Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers	Dissolve	34.5 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Date: Job No.: Fide State:	J429 Mid-Ebb	14/11/2	005 ds, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 14:03	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM Vong She Yeather C	6167 6167 ek and Ko ondition: ature, °C b	Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers n, mg/L Average	Dissolve	34.5 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Date: Job No.: Tide State: Average	J429 Mid-Ebb	14/11/2	ds, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 14:03 14:03	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m	Sampling Depth,m	EM EM Vong She reather C Tempera a 24.8	6167 6167 ek and Kc ondition: ature, °C b 24.6	Dissolve a 5.52	Calibrati	n, mg/L Average 4.65	Dissolve a 83.8	34.5 Client: Ambie d Oxyge b 83.6	Kin Shing nt Tempera Average 83.7 74.9	ature,⁰C: Salinity, a 34.1	26 ppt b 34.0	Turbidity a 1.84	7, NTU b 1.80	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend	14/11/2	ds, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 14:03 14:03 14:04	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m	Sampling Depth,m 1 3	EM EM Vong She Veather C Tempera a 24.8 23.5	6167 6167 ondition: ature, °C b 24.6 23.4	Dissolve a 5.52 4.65	Calibrati n Public d Oxyge b 5.50 4.64	on Check: Piers n, mg/L Average 5.51	Dissolve a 83.8 74.9	34.5 Client: Ambie b 83.6 74.8	ppt Kin Shing nt Tempera Average 83.7	Salinity, a 34.1 34.6	26 ppt b 34.0 34.5	Turbidity a 1.84 1.67	, NTU b 1.80 1.69	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend 6.8	14/11/2	ds, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 14:03 14:03 14:04 14:10	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4	Sampling Depth,m 1 3 1	EM EM Vong She Yeather C Tempera a 24.8 23.5 25.1	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2	Dissolve a 5.52 4.65 5.64	Calibrati n Public d Oxyge b 5.50 4.64 5.63	n, mg/L Average 4.65	Dissolve a 83.8 74.9 84.6	34.5 Client: Ambie d Oxyge b 83.6 74.8 84.5	Kin Shing nt Tempera Average 83.7 74.9	ature,°C: Salinity, a 34.1 34.6 33.0	26 ppt b 34.0 34.5 33.2	Turbidity a 1.84 1.67 0.85	, NTU b 1.80 1.69 0.84	Date: Job No.: Tide State: Average 1.75	J429 Mid-Ebb Suspend 6.8 3.2 6.2	14/11/2		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 14:03 14:03 14:04 14:10 14:11	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4	Sampling Depth,m 1 3 1 4	EM EM Vong She Veather C Tempera a 24.8 23.5 25.1 23.6	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5	Dissolve a 5.52 4.65 5.64 5.17	Calibrati n Public b 5.50 4.64 5.63 5.16	on Check: Piers Average 5.51 4.65 5.40 4.45	Dissolve a 83.8 74.9 84.6 79.2	34.5 Client: Ambie b 83.6 74.8 84.5 79.1	ppt Kin Shing nt Tempera Average 83.7 74.9 81.9 72.5	ature, °C: Salinity, a 34.1 34.6 33.0 33.4	26 ppt 34.0 34.5 33.2 33.6	Turbidity a 1.84 1.67 0.85 1.25	1.80 1.69 0.84 1.26	Date: Job No.: Tide State: Average 1.75	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6	14/11/2		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 14:03 14:03 14:04 14:10 14:11 14:14	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4	Sampling Depth,m 1 3 1 4	EM EM Vong She Veather C Tempera a 24.8 23.5 25.1 23.6	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5	Dissolve a 5.52 4.65 5.64 5.17	Calibrati n Public b 5.50 4.64 5.63 5.16	on Check: Piers n, mg/L Average 5.51 4.65 5.40	Dissolve a 83.8 74.9 84.6 79.2	34.5 Client: Ambie b 83.6 74.8 84.5 79.1	ppt <u>Kin Shing</u> nt Tempera n, % Average 83.7 74.9 81.9	ature, °C: Salinity, a 34.1 34.6 33.0 33.4	26 ppt 34.0 34.5 33.2 33.6	Turbidity a 1.84 1.67 0.85 1.25	1.80 1.69 0.84 1.26	Date: Job No.: Tide State: Average 1.75	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6	14/11/2		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 14:03 14:03 14:04 14:10 14:11 14:14 14:00	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9	Sampling Depth,m 1 3 1 4 8	EM EM Vong She Veather C Tempera a 24.8 23.5 25.1 23.6 22.9	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5 22.7	Lau Wa           Sunny           Dissolve           a           5.52           4.65           5.64           5.17           4.45	Calibrati n Public b 5.50 4.64 5.63 5.16 4.44	on Check: Piers Average 5.51 4.65 5.40 4.45	Dissolve a 83.8 74.9 84.6 79.2 72.5	34.5 Client: Ambie b 83.6 74.8 84.5 79.1 72.4	ppt Kin Shing nt Tempera Average 83.7 74.9 81.9 72.5	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1	26 ppt 34.0 34.5 33.2 33.6 34.2	Turbidity a 1.84 1.67 0.85 1.25 1.74	, NTU b 1.80 1.69 0.84 1.26 1.75	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6 8.6	14/11/2	dos ds, mg/L Depth Average 5.0 7.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B	Sampling: Time 14:03 14:04 14:04 14:10 14:11 14:14 14:00 14:00	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9	Sampling Depth,m 1 3 1 4 8	EM EM Vong She Veather C Tempera a 24.8 23.5 25.1 23.6 22.9	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5 22.7	Lau Wa           Sunny           Dissolve           a           5.52           4.65           5.64           5.17           4.45	Calibrati n Public b 5.50 4.64 5.63 5.16 4.44	on Check: Piers n, mg/L Average 5.51 4.65 5.40 4.45 4.45 #DIV/0!	Dissolve a 83.8 74.9 84.6 79.2 72.5	34.5 Client: Ambie b 83.6 74.8 84.5 79.1 72.4	ppt           Kin Shing           nt Temperative           Average           83.7           74.9           81.9           72.5           72.9           #DIV/0!	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1	26 ppt 34.0 34.5 33.2 33.6 34.2	Turbidity a 1.84 1.67 0.85 1.25 1.74	, NTU b 1.80 1.69 0.84 1.26 1.75	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6 8.6	14/11/2	dos ds, mg/L Depth Average 5.0 7.5	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	Sampling: Time 14:03 14:03 14:04 14:10 14:11 14:14 14:00 14:00 14:00	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9	Sampling Depth,m 1 3 1 4 8 2	EM EM Vong She reather C Tempera a 24.8 23.5 25.1 23.6 22.9 25.3	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5 22.7 25.4	Lau Wa           Sunny           Dissolve           a           5.52           4.65           5.64           5.17           4.45           4.46	Calibrati n Public b 5.50 4.64 5.63 5.16 4.44 4.44	on Check: Piers n, mg/L Average 5.51 4.65 5.40 4.45 4.45	Dissolve           a           83.8           74.9           84.6           79.2           72.5	34.5 Client: Ambie d Oxyge b 83.6 74.8 84.5 79.1 72.4 72.8	ppt           Kin Shing           nt Temperative           n, %           Average           83.7           74.9           81.9           72.5           72.9	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1 33.7 33.7	26 ppt b 34.0 34.5 33.2 33.6 34.2 33.5	Turbidity a 1.84 1.67 0.85 1.25 1.74 1.25	, NTU b 1.80 1.69 0.84 1.26 1.75	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6 8.6 5.6	14/11/2	dos ds, mg/L Depth Average 5.0 7.5	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M CW1 S CW1 M CW1 B CW1 S CW1 A CW1 S CW2 S	Sampling: Time 14:03 14:04 14:04 14:10 14:11 14:14 14:00 14:00 14:00 14:22	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9 9 3	truction of W W Sampling Depth,m 1 3 1 4 8 2 2 1	EM EM Vong She reather C Tempera a 24.8 23.5 25.1 23.6 22.9 25.3 24.6	6167 6167 ek and Ko ondition: 24.6 23.4 25.2 23.5 22.7 25.4 24.7	Dissolve a 5.52 4.65 5.64 5.17 4.45 4.46	Calibrati n Public d Oxyge b 5.50 4.64 5.63 5.16 4.44 4.44 5.63	on Check: Piers n, mg/L Average 5.51 4.65 5.40 4.45 4.45 #DIV/0!	Dissolve           a           83.8           74.9           84.6           79.2           72.5           72.9           84.5	34.5 Client: Ambie d Oxyge b 83.6 74.8 84.5 79.1 72.4 72.8 84.3	ppt           Kin Shing           nt Temperative           Average           83.7           74.9           81.9           72.5           72.9           #DIV/0!	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1 33.7 33.7 33.2	26 ppt b 34.0 34.5 33.2 33.6 34.2 33.5 33.4	Turbidity a 1.84 1.67 0.85 1.25 1.74 1.25 1.58	1.69 1.26 1.26 1.26 1.26	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6 8.6 8.6 5.6 4.4	14/11/2	005 is, mg/L Depth Average 5.0 7.5 5.6	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 M CW1 B CW1 S CW1 S CW2 S CW2 M	Sampling: Time 14:03 14:04 14:04 14:10 14:11 14:14 14:00 14:00 14:00 14:22 14:23	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9 9 3	ruction of V W Sampling Depth,m 1 3 1 4 8 8 2 2 1 3.5	EM EM Vong She reather C Tempera a 24.8 23.5 25.1 23.6 22.9 25.3 25.3 25.3 24.6 23.8	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5 22.7 25.4 25.4 24.7 23.8	Dissolve a 5.52 4.65 5.64 5.17 4.45 4.46 5.64 4.51	Calibrati n Public b 5.50 4.64 5.63 5.16 4.44 4.44 5.63 4.44	on Check: Piers n, mg/L Average 5.51 4.65 5.40 4.45 4.45 #DIV/0! 5.07	Dissolve           a           83.8           74.9           84.6           79.2           72.5           72.9           84.5           73.7	34.5 Client: Ambie d Oxyge b 83.6 74.8 84.5 79.1 72.4 72.8 84.3 73.6	ppt           Kin Shing           nt Temperative           Average           83.7           74.9           81.9           72.5           72.9           #DIV/0!           79.0	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1 33.7 33.7 33.2 33.5	26 ppt b 34.0 34.5 33.2 33.6 34.2 33.5 33.4 33.4 33.6	Turbidity a 1.84 1.67 0.85 1.25 1.74 1.25 1.74 1.25 1.58 1.67	NTU b 1.80 1.69 0.84 1.26 1.75 1.26 1.26 1.61 1.61	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspend 6.8 3.2 6.2 7.6 8.6 8.6 8.6 4.4 7.4	14/11/2	005 is, mg/L Depth Average 5.0 7.5 5.6	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 14:03 14:03 14:04 14:10 14:11 14:14 14:00 14:00 14:00 14:22 14:23 14:26	Salinity Mete Thermomete <u>No. CV/2004/</u> : <u>7/11/2005</u> Sea	r: 02 Recons Overall Depth, m 4 9 9 3 3 8	Sampling           Depth,m           1           3           1           3           1           3           1           3           1           3           1           3           1           3           1           3           1           3           1           3           1           3           1           3           7	EM EM Vong She reather C Tempera a 24.8 23.5 25.1 23.6 22.9 25.3 25.3 25.3 24.6 23.8	6167 6167 ek and Kc ondition: ature, °C b 24.6 23.4 25.2 23.5 22.7 25.4 25.4 24.7 23.8	Lau Wa           Sunny           Dissolve           a           5.52           4.65           5.64           5.17           4.45           4.46           5.64           4.45           4.45           4.46           4.28	Calibrati n Public b 5.50 4.64 5.63 5.16 4.44 4.44 5.63 4.44 4.49 4.27	on Check: Piers n, mg/L Average 5.51 4.65 5.40 4.45 4.45 #DIV/0! 5.07	Dissolve           a           83.8           74.9           84.6           79.2           72.5           72.9           84.5           73.7	34.5 Client: Ambie d Oxyge b 83.6 74.8 84.5 79.1 72.4 72.8 84.3 73.6 73.6 70.1	ppt           Kin Shing           nt Temperative           Average           83.7           74.9           81.9           72.5           72.9           #DIV/0!           79.0	ature, °C: Salinity, a 34.1 34.6 33.0 33.4 34.1 33.7 33.7 33.2 33.5	26 ppt b 34.0 34.5 33.2 33.6 34.2 33.5 33.4 33.4 33.6	Turbidity a 1.84 1.67 0.85 1.25 1.74 1.25 1.74 1.25 1.58 1.67	NTU b 1.80 1.69 0.84 1.26 1.75 1.26 1.26 1.61 1.61	Date: Job No.: Tide State: 1.75 1.28	J429 Mid-Ebb Suspence 6.8 3.2 6.2 7.6 8.6 8.6 5.6 4.4 7.4 7.8	14/11/2	005 is, mg/L Depth Average 5.0 7.5 5.6	Remarks

EM 2365 Calibration Check: 10 NTU Turbidity Meter: Checked By: Raymond Dai EM 6167 Calibration Check: 34.5 ppt Date: 14/11/2005 Salinity Meter: Thermometer:

EM 6167

Project:	Contract I	No. CV/2004/0	02 Recons	truction of W	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	8/11/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	28		T	Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solids	s, mg/L	Remarks
		Condition		Depth,m	а	b	а	b	Average	а		Average	а	b	а	b	Average			Depth Average	
MW1 S	16:00			1	26.0	26.0	5.87	5.77	5.82	71.4	71.0	71.2	32.3	32.3	1.16	1.19		8.0			
MW1 M	16:00	small wave	5						5.62			/1.2					1.14			6.2	
MW1 B	16:02			4	25.7	25.7	5.62	5.57	5.60	70.3	69.4	69.9	32.2	32.2	0.98	1.23		4.4			
MW2 S	15:40			1	25.8	25.8	5.73	5.74	5.00	71.1	72.0	70.4	32.4	32.4	1.20	1.30		6.6			
MW2 M	15:41	small wave	10	5	25.6	25.6	5.66	5.64	5.69	69.4	69.0	70.4	32.2	32.2	1.06	1.11	1.17	11.0		10.5	
MW2 B	15:45			9	25.5	25.5	5.55	5.59	5.57	68.4	69.0	68.7	32.1	32.1	1.14	1.23		14.0			
CW1 S	16:10			1	25.8	25.8	5.72	5.68	5.70	72.3	71.7	72.0	32.4	32.4	1.22	1.15		7.8			
CW1 M	16:10	small wave	4						5.70			72.0					1.18			8.0	
CW1 B	16:11			3	25.6	25.6	5.63	5.60	5.62	69.4	68.6	69.0	32.2	32.2	1.18	1.18		8.2			
CW2 S	15:50			1	25.8	25.8	5.80	5.75	5 70	70.4	71.0	70.1	32.4	32.4	1.34	1.24		6.4			
CW2 M	15:51	small wave	11	5.5	25.6	25.6	5.68	5.64	5.72	69.7	69.1	70.1	32.2	32.2	1.05	1.12	1.15	6.6		6.9	
CW2 B	15:55			10	25.6	25.6	5.60	5.60	5.60	68.3	68.5	68.4	32.1	32.1	1.11	1.04		7.6			
Equipmer	t used:	Dissolved Ox	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	伊		
		Turbidity Met	ter:		EM	2365		Calibrati	on Check:		10.2	NTU					Checked	By:	Raymon	d Dai	
		Salinity Mete	r:		EM	6167		Calibrati	on Check:		35.5	ppt					Date:		15/11/20	05	
		Thermomete	r:		EM	6167															
Project:	Contract I	No. CV/2004/0	02 Recons	truction of W	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
		No. CV/2004/0 8/11/2005			Vong She Veather C			n Public	Piers			Kin Shing					Job No.: Fide State:		-		
		8/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambie d Oxyge	nt Tempera	ature,⁰C: Salinity,	28 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids		Remarks
Date of	Sampling:	8/11/2005		W	eather C	ondition:	Sunny				Ambie d Oxyge	nt Tempera	ature,°C:	28		1		Mid-Ebb	ded Solids	s, mg/L Depth Average	Remarks
Date of	Sampling:	8/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L Average	Dissolve	Ambie d Oxyge	nt Tempera n, % Average	ature,⁰C: Salinity,	28 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station	Sampling: Time	8/11/2005 Sea	Overall	W Sampling Depth,m	Tempera a	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L	Dissolve a	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station MW1 S	Sampling: Time 11:50	8/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m	Tempera a	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 11:50 11:50	8/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m	Tempera a 25.8	ondition: ature, °C b 25.8	Sunny Dissolve a 5.74	d Oxyge b 5.70	n, mg/L Average 5.72 5.61	Dissolve a 71.1	Ambier d Oxyger b 71.6	nt Tempera Average 71.4 69.9	ature, ⁰C: Salinity, a 32.3	28 ppt b 32.3	Turbidity a 1.34	, NTU b 1.22	Fide State:	Mid-Ebb Suspend 11.0	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 11:50 11:50 11:51	8/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3	l'eather C Tempera a 25.8 25.7	ondition: ature, °C b 25.8 25.7	Sunny Dissolve a 5.74 5.58	d Oxyge b 5.70 5.64	n, mg/L Average 5.72	Dissolve a 71.1 70.3	Ambieu d Oxygeu b 71.6 69.4	nt Tempera n, % Average 71.4	Salinity, a 32.3 32.1	28 ppt b 32.3 32.1	Turbidity a 1.34 1.21	, NTU b 1.22 1.13	Fide State:	Mid-Ebb Suspend 11.0 4.0	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 11:50 11:50 11:51 11:30	8/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Tempera           a           25.8           25.7           25.7	ondition: ature, °C b 25.8 25.7 25.7	Sunny Dissolve a 5.74 5.58 5.72	d Oxyge b 5.70 5.64 5.68	n, mg/L Average 5.72 5.61	Dissolve a 71.1 70.3 72.4	Ambien d Oxygen b 71.6 69.4 71.8	nt Tempera Average 71.4 69.9	ature,°C: Salinity, a 32.3 32.1 32.4	28 ppt b 32.3 32.1 32.4	Turbidity a 1.34 1.21 1.06	, NTU b 1.22 1.13 1.25	Average	Mid-Ebb Suspend 11.0 4.0 8.8	ded Solids	Depth Average 7.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 11:50 11:50 11:51 11:30 11:31	8/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	leather C Tempera 25.8 25.7 25.7 25.7 25.5	ondition: ature, °C b 25.8 25.7 25.7 25.7 25.5	Sunny Dissolve a 5.74 5.58 5.72 5.66	d Oxyge b 5.70 5.64 5.68 5.66	n, mg/L Average 5.72 5.61 5.68 5.61	Dissolve a 71.1 70.3 72.4 70.5	Ambier d Oxyger b 71.6 69.4 71.8 70.5	nt Tempera n, % Average 71.4 69.9 71.3 69.2	ature, °C: Salinity, a 32.3 32.1 32.4 32.2	28 ppt b 32.3 32.1 32.4 32.2	Turbidity a 1.34 1.21 1.06 1.28	, NTU b 1.22 1.13 1.25 1.16	Average	Mid-Ebb Suspend 11.0 4.0 8.8 12.0	ded Solids	Depth Average 7.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 11:50 11:50 11:51 11:30 11:31 11:34	8/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	leather C Tempera 25.8 25.7 25.7 25.7 25.5	ondition: ature, °C b 25.8 25.7 25.7 25.7 25.5	Sunny Dissolve a 5.74 5.58 5.72 5.66	d Oxyge b 5.70 5.64 5.68 5.66	n, mg/L Average 5.72 5.61 5.68	Dissolve a 71.1 70.3 72.4 70.5	Ambier d Oxyger b 71.6 69.4 71.8 70.5	nt Tempera n, % Average 71.4 69.9 71.3	ature, °C: Salinity, a 32.3 32.1 32.4 32.2	28 ppt b 32.3 32.1 32.4 32.2	Turbidity a 1.34 1.21 1.06 1.28	, NTU b 1.22 1.13 1.25 1.16	Average	Mid-Ebb Suspend 11.0 4.0 8.8 12.0	ded Solids	Depth Average 7.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 11:50 11:51 11:30 11:31 11:34 12:00	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8	eather C Tempera 25.8 25.7 25.7 25.5 25.5	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6	Sunny Dissolve a 5.74 5.58 5.72 5.66 5.63	d Oxyge b 5.70 5.64 5.68 5.66 5.59	n, mg/L Average 5.72 5.61 5.68 5.61	Dissolve a 71.1 70.3 72.4 70.5 69.0	Ambien d Oxygen b 71.6 69.4 71.8 70.5 69.4	nt Tempera n, % Average 71.4 69.9 71.3 69.2	ature, °C: Salinity, a 32.3 32.1 32.4 32.2 32.2	28 ppt b 32.3 32.1 32.4 32.2 32.2 32.2	Turbidity a 1.34 1.21 1.06 1.28 1.09	1.22 1.13 1.25 1.16 1.08	Average 1.23 1.15	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0	ded Solids	Depth Average 7.5 10.3	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 M	Sampling: Time 11:50 11:50 11:51 11:30 11:31 11:34 12:00 12:00	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8	eather C Tempera 25.8 25.7 25.7 25.5 25.5	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6	Sunny Dissolve a 5.74 5.58 5.72 5.66 5.63	d Oxyge b 5.70 5.64 5.68 5.66 5.59	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0!	Dissolve a 71.1 70.3 72.4 70.5 69.0	Ambien d Oxygen b 71.6 69.4 71.8 70.5 69.4	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0!	ature, °C: Salinity, a 32.3 32.1 32.4 32.2 32.2	28 ppt b 32.3 32.1 32.4 32.2 32.2 32.2	Turbidity a 1.34 1.21 1.06 1.28 1.09	1.22 1.13 1.25 1.16 1.08	Average 1.23 1.15	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0	ded Solids	Depth Average 7.5 10.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Sampling: Time 11:50 11:50 11:51 11:30 11:31 11:34 12:00 12:00	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8 8	reather C Tempera 25.8 25.7 25.7 25.5 25.5 25.5 25.6	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6	Sunny           Dissolve           a           5.74           5.58           5.72           5.66           5.63           5.74	d Oxyge b 5.70 5.64 5.68 5.66 5.59	n, mg/L Average 5.72 5.61 5.68 5.61 5.71	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3	Ambiei d Oxygei b 71.6 69.4 71.8 70.5 69.4 70.6	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0	ature, °C: Salinity, a 32.3 32.1 32.4 32.2 32.2 32.2	28 ppt b 32.3 32.1 32.4 32.2 32.2 32.2 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09	, NTU b 1.22 1.13 1.25 1.16 1.08	Average 1.23 1.15	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0 7.2	ded Solids	Depth Average 7.5 10.3	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW2 S	Sampling: Time 11:50 11:50 11:51 11:30 11:31 11:34 12:00 12:00 11:40	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 0.5 1	reather C Tempera 25.8 25.7 25.7 25.5 25.5 25.6 25.6 25.8	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6 25.6 25.8	Sunny           Dissolve           a           5.74           5.58           5.72           5.66           5.63           5.74           5.74           5.74	d Oxyge b 5.70 5.64 5.66 5.66 5.59 5.68 5.68	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0!	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3 72.0	Ambiei d Oxygei b 71.6 69.4 71.8 70.5 69.4 70.6 70.6	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0!	ature, °C: Salinity, a 32.3 32.1 32.4 32.2 32.2 32.2 32.2 32.4	28 ppt b 32.3 32.1 32.4 32.2 32.2 32.3 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09 1.21 1.16	, NTU b 1.22 1.13 1.25 1.16 1.08 1.13 1.08	Average           1.23           1.15           1.17	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0 7.2 13.0	ded Solids	Depth Average 7.5 10.3 7.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 11:50 11:50 11:51 11:30 11:31 11:34 12:00 12:00 12:00 11:40 11:41	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 0.5 0.5	reather C Tempera 25.8 25.7 25.7 25.5 25.5 25.6 25.6 25.8 25.8 25.8	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6 25.8 25.8 25.6	Sunny           Dissolve           a           5.74           5.58           5.72           5.66           5.63           5.74           5.74           5.69	d Oxyge b 5.70 5.64 5.66 5.66 5.68 5.68 5.68	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0! 5.68	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3 72.0 70.7	Ambiei d Oxygei b 71.6 69.4 71.8 70.5 69.4 70.6 70.6 71.6 70.0	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0! 71.1	ature, °C: Salinity, a 32.3 32.4 32.2 32.2 32.2 32.2 32.4 32.2 32.2	28 ppt b 32.3 32.4 32.2 32.2 32.3 32.3 32.3 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09 1.21 1.16 1.24	. NTU b 1.22 1.13 1.25 1.16 1.08 1.08 1.08	Average           1.23           1.15           1.17	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0 7.2 13.0 19.0	ded Solids	Depth Average 7.5 10.3 7.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 11:50 11:50 11:51 11:31 11:34 12:00 12:00 11:40 11:41 11:45	8/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3 10	W Sampling Depth,m 1 3 1 4.5 8 0.5 0.5 0.5 0.5 9	reather C Tempera 25.8 25.7 25.7 25.5 25.5 25.6 25.6 25.8 25.8 25.8	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6 25.8 25.8 25.6	Sunny Dissolve a 5.74 5.74 5.74 5.66 5.63 5.74 5.74 5.74 5.74 5.74 5.74 5.74	d Oxyge b 5.70 5.64 5.68 5.66 5.59 5.63 5.63 5.63 5.63 5.63	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0! 5.68	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3 72.0 70.7	Ambiei d Oxygei b 71.6 69.4 71.8 70.5 69.4 70.6 70.6 71.6 70.0	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0! 71.1 69.4	ature, °C: Salinity, a 32.3 32.4 32.2 32.2 32.2 32.2 32.4 32.2 32.2	28 ppt b 32.3 32.4 32.2 32.2 32.3 32.3 32.3 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09 1.21 1.16 1.24	. NTU b 1.22 1.13 1.25 1.16 1.08 1.08 1.08	Average           1.23           1.15           1.17	Mid-Ebb Suspend 111.0 4.0 8.8 12.0 10.0 7.2 13.0 19.0 7.6	ded Solids	Depth Average 7.5 10.3 7.2	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW2 S CW2 M CW2 B	Sampling: Time 11:50 11:50 11:51 11:31 11:34 12:00 12:00 11:40 11:41 11:45	8/11/2005 Sea Condition small wave small wave small wave	Overall Depth, m 4 9 3 10 xygen Mete	W Sampling Depth,m 1 4.5 8 0.5 1 5 9 9	reather C Tempera 25.8 25.7 25.7 25.5 25.5 25.5 25.6 25.6 25.8 25.7 25.5	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6 25.6 25.6 25.6 25.6 25.5	Sunny           Dissolve           a           5.58           5.72           5.66           5.63           5.74           5.74           5.74           5.63           5.74           5.74           5.74           5.74           5.74           5.74	d Oxyge b 5.70 5.64 5.66 5.66 5.59 5.68 5.63 5.63 5.63 5.63 5.63 5.55	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0! 5.68 5.49	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3 72.0 70.7	Ambiel d Oxygen b 71.6 69.4 70.5 69.4 70.5 69.4 70.6 71.6 70.0 69.3	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0! 71.1 69.4 . 100%:	ature, °C: Salinity, a 32.3 32.4 32.2 32.2 32.2 32.2 32.4 32.2 32.2	28 ppt b 32.3 32.4 32.2 32.2 32.3 32.3 32.3 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09 1.21 1.16 1.24	. NTU b 1.22 1.13 1.25 1.16 1.08 1.08 1.08	Average           1.23           1.15           1.17           1.11	Mid-Ebb Suspend 11.0 4.0 8.8 12.0 10.0 7.2 13.0 19.0 7.6 By:		Depth Average 7.5 10.3 7.2 13.2	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling: Time 11:50 11:50 11:51 11:31 11:34 12:00 12:00 11:40 11:41 11:45	8/11/2005 Sea Condition small wave small wave small wave Dissolved Op	Overall Depth, m 4 9 3 10 cvgen Mete	W Sampling Depth,m 1 3 1 4.5 8 0.5 0.5 1 5 9 9	Tempera         25.8         25.7         25.5         25.5         25.6         25.8         25.7         25.5         25.5         25.6         25.7         25.6         25.7         25.6         25.7         25.8         25.5	ondition: ature, °C b 25.8 25.7 25.7 25.5 25.6 25.6 25.6 25.6 25.6 25.6 25.5 6167	Sunny Dissolve a 5.74 5.58 5.72 5.66 5.63 5.74 5.74 5.69 5.43	d Oxyge b 5.70 5.68 5.68 5.68 5.68 5.68 5.68 5.68 5.68	n, mg/L Average 5.72 5.61 5.68 5.61 5.71 #DIV/0! 5.68 5.49 on Check:	Dissolve a 71.1 70.3 72.4 70.5 69.0 71.3 72.0 70.7	Ambiei d Oxygei b 71.6 69.4 71.8 70.5 69.4 70.6 70.6 71.6 70.0 69.3	nt Tempera n, % Average 71.4 69.9 71.3 69.2 71.0 #DIV/0! 71.1 69.4 100%: NTU	ature, °C: Salinity, a 32.3 32.4 32.2 32.2 32.2 32.2 32.4 32.2 32.2	28 ppt b 32.3 32.4 32.2 32.2 32.3 32.3 32.3 32.3	Turbidity a 1.34 1.21 1.06 1.28 1.09 1.21 1.16 1.24	. NTU b 1.22 1.13 1.25 1.16 1.08 1.08 1.08	Average           1.23           1.15           1.17           1.11           Sampled	Mid-Ebb Suspend 111.0 4.0 8.8 12.0 10.0 7.2 13.0 19.0 7.6 By: By:		Depth Average 7.5 10.3 7.2 13.2	Remarks

Thermometer:

Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	11/11/2005		N	/eather C	ondition:	Sunny				Ambier	nt Tempera	ature,°C:	26			Tide State:	Mid-Floo	bd	_	
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxvae	n. ma/L	Dissolve	d Oxyger	ı. %	Salinity,	ppt	Turbidity	. NTU		Suspend	ded Solid	ls. ma/L	Remarks
		Condition	Depth, m		а	b	а	b	Average	а	b	Average	а	b	a	b	Average			Depth Average	
MW1 S	14:39			1	25.1	24.9	5.40	5.40	5.40	82.5	82.4	00.5	32.4	32.5	1.60	1.62		12			
MW1 M	14:39		5	2.5					5.40			82.5					1.48			13.0	
MW1 B	14:41			4	23.2	23.1	3.27	3.28	3.28	60.4	60.5	60.5	34.2	34.1	1.33	1.35		14			
MW2 S	15:03			1	24.9	24.8	4.62	4.60	4.43	74.7	74.5	72.5	32.5	32.6	1.37	1.38		10			
MW2 M	15:04		10	5	23.3	23.2	4.25	4.24	4.40	70.2	70.4	72.0	33.0	33.2	1.72	1.75	1.75	7.8		8.2	
MW2 B	15:08			9	22.5	22.6	3.82	3.80	3.81	66.6	66.7	66.7	34.6	34.5	2.14	2.15		6.7			
CW1 S	14:32			1	25.0	25.2	4.67	4.65	4.66	74.0	74.2	74.1	33.3	33.4	1.27	1.25		11			
CW1 M	14:32		4						4.00			74.1					1.38			9.7	
CW1 B	14:33			3	24.3	24.2	4.35	4.34	4.35	71.7	71.6	71.7	34.2	34.3	1.49	1.50		8.3			
CW2 S	15:19			1	24.9	25.0	4.12	4.09	3.93	69.3	69.4	67.3	32.8	32.9	1.20	1.21		6.3			
CW2 M	15:20		9	4.5	23.2	23.3	3.77	3.75		65.2	65.3		33.7	33.5	1.47	1.49	1.39	4.7		6.3	
CW2 B	15:23			8	22.7	22.6	3.34	3.35	3.35	61.5	61.4	61.5	34.4	34.3	1.49	1.48		7.9			
Equipmer	nt used:	Dissolved Ox		er:	EM	6167			on Check:		100	100%:					Sampled		Pong		
		Turbidity Met			EM	2365			on Check:		9.9	NTU					Checked	Ву:	Raymon		
		Salinity Mete			EM	6167		Calibrati	on Check:		35	ppt					Date:		18/11/20	JU5	
		Thermomete	r:		EM	6167															
Project:	Contract																				
Date of		No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
	Sampling:	No. CV/2004/0			Vong She /eather C			n Public	Piers			Kin Shing					Job No.: Tide State:		- )		
Station	Sampling: Time	: 11/11/2005 Sea	Overall	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb	ded Solid		Remarks
Station		11/11/2005		Sampling	/eather C	ondition:	Sunny		-		Ambier d Oxyger	nt Tempera	ature,°C:	30		-		Mid-Ebb		ls, mg/L Depth Average	Remarks
Station MW1 S		: 11/11/2005 Sea	Overall	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
	Time	: 11/11/2005 Sea	Overall	N Sampling Depth,m	/eather C	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,⁰C: Salinity, a	30 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb		Depth	Remarks
MW1 S	Time 8:17	: 11/11/2005 Sea	Overall Depth, m	N Sampling Depth,m	/eather C	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,⁰C: Salinity, a	30 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb		Depth Average	Remarks
MW1 S MW1 M	Time 8:17 8:17	: 11/11/2005 Sea	Overall Depth, m	Sampling Depth,m	Veather Contract of Contract o	ondition: ature, °C b 25.6	Sunny Dissolve a 5.54	d Oxyge b 5.53	n, mg/L Average 5.54	Dissolve a 85.4	Ambier d Oxyger b 85.3	nt Tempera n, % Average 85.4	ature, °C: Salinity, a 33.2	30 ppt b 33.1	Turbidity a 1.46	, NTU b 1.50	Tide State:	Mid-Ebb		Depth Average	Remarks
MW1 S MW1 M MW1 B	Time 8:17 8:17 8:18	: 11/11/2005 Sea	Overall Depth, m	Sampling Depth,m 1 3	/eather C a 25.6 24.5	ature, °C b 25.6 24.4	Sunny Dissolve a 5.54 5.37	d Oxyge b 5.53 5.36	n, mg/L Average 5.54 5.37	Dissolve a 85.4 81.7	Ambier d Oxyger b 85.3 81.8	nt Tempera n, % Average 85.4 81.8	ature, °C: Salinity, a 33.2 34.6	30 ppt b 33.1 34.5	Turbidity a 1.46 2.30	, NTU b 1.50 2.32	Tide State:	Mid-Ebb Suspend 5.8 5.2		Depth Average	Remarks
MW1 S MW1 M MW1 B MW2 S	Time 8:17 8:17 8:18 8:24	: 11/11/2005 Sea	Overall Depth, m 4	N Sampling Depth,m 1 3 1	/eather C Tempera 25.6 24.5 24.9	ondition: ature, °C b 25.6 24.4 24.8	Sunny Dissolve a 5.54 5.37 5.42	d Oxyge b 5.53 5.36 5.41	n, mg/L Average 5.54 5.37	Dissolve a 85.4 81.7 82.0	Ambier d Oxyger b 85.3 81.8 82.2	nt Tempera n, % Average 85.4 81.8	ature, °C: Salinity, a 33.2 34.6 34.0	30 ppt b 33.1 34.5 34.1	Turbidity a 1.46 2.30 1.17	, NTU b 1.50 2.32 1.20	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8		Depth Average 5.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M	Time 8:17 8:17 8:18 8:24 8:25	: 11/11/2005 Sea	Overall Depth, m 4	V Sampling Depth,m 1 3 3 1 4	/eather C Tempera 25.6 24.5 24.9 24.2	ondition: ature, °C b 25.6 24.4 24.8 24.0	Sunny Dissolve a 5.54 5.37 5.42 4.95	d Oxyge b 5.53 5.36 5.41 4.94	n, mg/L Average 5.54 5.37 5.18	Dissolve a 85.4 81.7 82.0 77.4	Ambien d Oxygen b 85.3 81.8 82.2 77.5	nt Tempera n, % Average 85.4 81.8 79.8	ature, °C: Salinity, a 33.2 34.6 34.0 34.4	30 ppt b 33.1 34.5 34.1 34.3	Turbidity a 1.46 2.30 1.17 1.45	, NTU b 1.50 2.32 1.20 1.46	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6		Depth Average 5.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Time 8:17 8:17 8:18 8:24 8:25 8:28	: 11/11/2005 Sea	Overall Depth, m 4	V Sampling Depth,m 1 3 3 1 4	/eather C Tempera 25.6 24.5 24.9 24.2	ondition: ature, °C b 25.6 24.4 24.8 24.0	Sunny Dissolve a 5.54 5.37 5.42 4.95	d Oxyge b 5.53 5.36 5.41 4.94	n, mg/L Average 5.54 5.37 5.18 4.61	Dissolve a 85.4 81.7 82.0 77.4	Ambien d Oxygen b 85.3 81.8 82.2 77.5	nt Tempera Average 85.4 81.8 79.8 74.9	ature, °C: Salinity, a 33.2 34.6 34.0 34.4	30 ppt b 33.1 34.5 34.1 34.3	Turbidity a 1.46 2.30 1.17 1.45	, NTU b 1.50 2.32 1.20 1.46	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6		Depth Average 5.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14	: 11/11/2005 Sea	Overall Depth, m 4 9	V Sampling Depth,m 1 3 1 4 8	Veather C a 25.6 24.5 24.9 24.2 23.7	ondition: ature, °C b 25.6 24.4 24.8 24.8 24.0 23.5	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60	d Oxyge b 5.53 5.36 5.41 4.94 4.61	n, mg/L Average 5.54 5.37 5.18 4.61	Dissolve a 85.4 81.7 82.0 77.4 74.9	Ambien d Oxygen b 85.3 81.8 82.2 77.5 74.8	nt Tempera Average 85.4 81.8 79.8 74.9	ature, °C: Salinity, a 33.2 34.6 34.0 34.4 35.2	30 ppt b 33.1 34.5 34.1 34.3 35.1	Turbidity a 1.46 2.30 1.17 1.45 2.17	, NTU b 1.50 2.32 1.20 1.46 2.18	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6		Depth Average 5.5 8.3	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14 8:14	: 11/11/2005 Sea	Overall Depth, m 4 9	V Sampling Depth,m 1 3 1 4 8	Veather C a 25.6 24.5 24.9 24.2 23.7	ondition: ature, °C b 25.6 24.4 24.8 24.8 24.0 23.5	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60	d Oxyge b 5.53 5.36 5.41 4.94 4.61 5.07 5.64	n, mg/L Average 5.54 5.37 5.18 4.61 5.08	Dissolve a 85.4 81.7 82.0 77.4 74.9	Ambien d Oxygen b 85.3 81.8 82.2 77.5 74.8	nt Tempera Average 85.4 81.8 79.8 74.9 78.4	ature, °C: Salinity, a 33.2 34.6 34.0 34.4 35.2	30 ppt b 33.1 34.5 34.1 34.3 35.1	Turbidity a 1.46 2.30 1.17 1.45 2.17	, NTU b 1.50 2.32 1.20 1.46 2.18	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6		Depth Average 5.5 8.3	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14 8:14 8:14	: 11/11/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4 8	/eather C Tempera 25.6 24.5 24.9 24.2 23.7 25.4	ondition: ature, °C b 25.6 24.4 24.8 24.0 23.5 25.2	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60 5.09	d Oxyge b 5.53 5.36 5.41 4.94 4.61 5.07	n, mg/L Average 5.54 5.37 5.18 4.61 5.08 #DIV/0!	Dissolve           a           85.4           81.7           82.0           77.4           74.9           78.5	Ambien d Oxygee b 85.3 81.8 82.2 77.5 74.8 78.3	nt Tempera n, % Average 85.4 81.8 79.8 74.9 78.4 #DIV/0!	ature,°C: <u>Salinity</u> , a 33.2 34.6 34.0 34.4 35.2 34.9	30 ppt b 33.1 34.5 34.1 34.3 35.1 34.8	Turbidity           a           1.46           2.30           1.17           1.45           2.17           1.13	. NTU b 1.50 2.32 1.20 2.18 1.14	Tide State: Average 1.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6 5.8		Depth Average 5.5 8.3	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14 8:14 8:14 8:14 8:37	: 11/11/2005 Sea	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4 8 2 2 1	/eather C Tempera 25.6 24.5 24.9 24.2 23.7 25.4 25.4	ondition: ature, °C b 25.6 24.4 24.8 24.0 23.5 25.2 25.2 25.1	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60 5.09 5.65	d Oxyge b 5.53 5.36 5.41 4.94 4.61 5.07 5.64	n, mg/L Average 5.54 5.37 5.18 4.61 5.08 #DIV/0!	Dissolve           a           85.4           81.7           82.0           77.4           74.9           78.5           84.2	Ambient d Oxygen b 85.3 81.8 82.2 77.5 74.8 78.3 84.4	nt Tempera n, % Average 85.4 81.8 79.8 74.9 78.4 #DIV/0!	ature,°C: <u>Salinity</u> , <u>a</u> 33.2 34.6 34.0 34.4 35.2 34.9 34.9 34.4	30 ppt b 33.1 34.5 34.1 34.3 35.1 34.8 34.5	Turbidity           a           1.46           2.30           1.17           1.45           2.17           1.13           1.49		I.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6 5.8 5.8 4.5		Depth Average 5.5 8.3 5.8	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M CW1 S CW1 M CW1 B CW1 B CW2 S CW2 M	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14 8:14 8:14 8:14 8:37 8:38 8:41	Sea Condition	Overall Depth, m 4 9 3 8	V Sampling Depth,m 1 3 1 4 8 2 2 1 3.5 7	Veather C Tempera 25.6 24.5 24.9 24.2 23.7 25.4 25.4 25.4 25.4 25.4 25.2 23.9 22.4	ature, °C         b         25.6         24.4         24.8         24.0         23.5         25.2         25.1         23.8         22.3	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60 5.09 5.65 5.40 4.62	d Oxyge b 5.53 5.36 5.41 4.94 4.61 5.07 5.64 5.41 4.61	n, mg/L Average 5.54 5.37 5.18 4.61 5.08 #DIV/0! 5.53 4.62	Dissolve           a           85.4           81.7           82.0           77.4           74.9           78.5           84.2           82.8	Ambien d Oxygen b 85.3 81.8 82.2 77.5 74.8 84.4 82.9 74.3	nt Tempera n, % Average 85.4 81.8 79.8 74.9 78.4 #DIV/0! 83.6 74.4	ature,°C: Salinity, a 33.2 34.6 34.0 34.4 35.2 34.9 34.9 34.4 34.8	30 ppt b 33.1 34.5 34.3 34.3 35.1 34.8 34.8 34.5 34.5 34.7	Turbidity           a           1.46           2.30           1.17           1.45           2.17           1.13           1.49           1.25	, NTU b 1.50 1.20 1.46 2.18 1.14 1.50 1.26	Inde State:           Average           1.90           1.61           1.14           1.40	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6 5.8 5.8 4.5 7.4 7.9		Depth Average 5.5 8.3 5.8	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S CW2 S	Time 8:17 8:17 8:18 8:24 8:25 8:28 8:28 8:14 8:14 8:14 8:14 8:37 8:38 8:41	: 11/11/2005 Sea	Overall Depth, m 4 9 3 3 8 sygen Mete	V Sampling Depth,m 1 3 1 4 8 2 2 1 3.5 7	Veather C Tempera a 25.6 24.5 24.9 24.2 23.7 25.4 25.4 25.2 23.9	ature, °C         b         25.6         24.4         24.8         24.0         23.5         25.2         25.1         23.8	Sunny Dissolve a 5.54 5.37 5.42 4.95 4.60 5.09 5.65 5.40 4.62	d Oxyge b 5.53 5.36 5.41 4.94 4.61 5.07 5.64 5.41 4.61 Calibrati	n, mg/L Average 5.54 5.37 5.18 4.61 5.08 #DIV/0! 5.53	Dissolve           a           85.4           81.7           82.0           77.4           74.9           78.5           84.2           82.8	Ambien d Oxygen b 85.3 81.8 82.2 77.5 74.8 84.4 82.9 74.3	nt Tempera Average 85.4 81.8 79.8 74.9 78.4 #DIV/0! 83.6	ature,°C: Salinity, a 33.2 34.6 34.0 34.4 35.2 34.9 34.9 34.4 34.8	30 ppt b 33.1 34.5 34.3 34.3 35.1 34.8 34.8 34.5 34.5 34.7	Turbidity           a           1.46           2.30           1.17           1.45           2.17           1.13           1.49           1.25	, NTU b 1.50 1.20 1.46 2.18 1.14 1.50 1.26	I.90	Mid-Ebb Suspend 5.8 5.2 7.8 8.6 8.6 8.6 5.8 4.5 7.4 7.9 8y:		Depth Average 5.5 8.3 5.8 6.6	Remarks

 
 Turbidity Meter:
 EM
 2365
 Calibration Check:
 9.9
 NTU

 Salinity Meter:
 EM
 6167
 Calibration Check:
 35
 ppt

 Thermometer:
 EM
 6167
 Calibration Check:
 35
 ppt
 Date: 18/11/2005

Project:	Contract	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
Date of	Sampling:	14/11/2005		W	eather C	ondition:	Sunny				Ambier	nt Tempera	ature,°C:	27			Tide State:	Mid-Floo	d	-	
Station	Time	Sea	Overall	Sampling			Dissolve				d Oxyger		Salinity,		Turbidity		<b>I</b> .	Suspend	ded Solid		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	15:26			1	25.8	25.6	4.73	4.70	4.72	75.1	74.8	75.0	33.8	34.6	1.25	1.26		10.0			
MW1 M	15:26		5														1.43			11.0	
MW1 B	15:28			4	23.7	23.5	2.95	2.94	2.95	57.8	57.6	57.7	35.5	35.4	1.56	1.66		12.0			
MW2 S	15:41			1	24.9	24.8	5.28	5.27	5.14	80.4	80.2	90.0	33.9	34.0	1.22	1.25		10.0			
MW2 M	15:42		10	5	23.5	23.4	5.00	4.99		78.7	78.6		34.9	34.7	1.36	1.37	1.40	8.8		9.2	
MW2 B	15:46			9	22.0	22.3	4.52	4.51	4.52	73.2	73.1	80.8	35.4	35.5	1.57	1.60		8.7			
CW1 S	15:16			1	24.8	24.7	4.25	4.24	4.25	70.8	70.7	70.8	34.2	34.5	1.01	1.02		10.0			
CW1 M	15:16		4						4.20			70.0					1.15			9.2	
CW1 B	15:17			3	23.2	23.4	3.97	3.98	3.98	67.3	67.2	67.3	35.7	35.6	1.27	1.30		8.3			
CW2 S	16:00			1	24.5	24.8	5.54	5.56	5.04	83.2	83.1	78.4	34.0	34.1	1.47	1.46		9.3			
CW2 M	16:01		9	4.5	23.4	23.5	4.53	4.54	5.04	73.6	73.5	70.4	34.5	34.6	1.64	1.63	1.46	6.7		8.0	
CW2 B	16:04			8	22.0	22.2	3.62	3.62	3.62	64.4	64.6	64.5	34.8	34.9	1.27	1.29		7.9			
Proiect:	Contract	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0	r: r:	truction of V	EM EM	2365 6167 6167			on Check: on Check:		9.9 35	ppt					Checked Date:		Raymon 21/11/20		
		14/11/2005	JZ RECONS			k and Ka	Lou Ma	n Dublia	Diere		Cliente	Kin China	Construe	tion Co	أمدا		lah Na i	1420			
Station	Time				Vong She			n Public	Piers			Kin Shing					Job No.: Tide State:				
olulion		Sea		W	/eather C	ondition:	Sunny				Ambier	nt Tempera	ature,°C:	27		-		Mid-Ebb		-	Remarks
MW1 S		Sea Condition	Overall Depth, m	Sampling	/eather C	ondition:					Ambier d Oxyger	nt Tempera		27		-		Mid-Ebb	led Solid	Depth	Remarks
	10:57		Overall	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L Average	Dissolve	Ambier d Oxyger	nt Tempera n, % Average	ature,°C: Salinity,	27 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb			Remarks
MW1 M	10:57 10:57		Overall	W Sampling Depth,m	/eather C	ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L	Dissolve a	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	27 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb Suspend		Depth	Remarks
MW1 M MW1 B			Overall Depth, m	W Sampling Depth,m	/eather C	ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,°C: Salinity, a	27 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb Suspend		Depth Average	Remarks
	10:57		Overall Depth, m	W Sampling Depth,m	Veather Contract of Contract o	ature, °C b 24.6	Sunny Dissolve a 5.23	d Oxyge b 5.24	n, mg/L Average 5.24 5.07	Dissolve a 80.4	Ambier d Oxyger b 80.2	nt Tempera Average 80.3 78.5	Salinity, a 34.2	27 ppt b 34.4	Turbidity a 1.28	, NTU b 1.30	Tide State:	Mid-Ebb		Depth Average	Remarks
MW1 B	10:57 10:58		Overall Depth, m	W Sampling Depth,m 1 3	Veather C Tempera a 24.8 24.2	ature, °C b 24.6 24.1	Sunny Dissolve a 5.23 5.07	d Oxyge b 5.24 5.07	n, mg/L Average 5.24	Dissolve a 80.4 78.5	Ambier d Oxyger b 80.2 78.4	nt Tempera n, % Average 80.3	Salinity, a 34.2 34.9	27 ppt b 34.4 34.8	Turbidity a 1.28 1.20	, NTU b 1.30 1.27	Tide State:	Mid-Ebb Suspend 6.8 6.2		Depth Average	Remarks
MW1 B MW2 S	10:57 10:58 11:05		Overall Depth, m 4	W Sampling Depth,m 1 3 1	/eather C Tempera 24.8 24.2 24.2 24.7	24.6 24.5	Sunny Dissolve a 5.23 5.07 4.86	d Oxyge b 5.24 5.07 4.85	n, mg/L Average 5.24 5.07	Dissolve a 80.4 78.5 76.1	Ambier d Oxyger b 80.2 78.4 76.2	nt Tempera Average 80.3 78.5	ature,°C: Salinity, a 34.2 34.9 34.1	27 ppt 34.4 34.8 34.2	Turbidity a 1.28 1.20 1.04	, NTU b 1.30 1.27 1.08	Average	Mid-Ebb Suspend 6.8 6.2 7.5		Depth Average 6.5	Remarks
MW1 B MW2 S MW2 M	10:57 10:58 11:05 11:06		Overall Depth, m 4	W Sampling Depth,m 1 3 3 1 4	Veather C Tempera 24.8 24.2 24.2 24.7 24.2	24.6 24.1 24.3	Sunny Dissolve a 5.23 5.07 4.86 4.68	d Oxyge b 5.24 5.07 4.85 4.67	n, mg/L Average 5.24 5.07 4.77 3.71	Dissolve a 80.4 78.5 76.1 74.5	Ambier b 80.2 78.4 76.2 74.3	nt Tempera h, % Average 80.3 78.5 75.3 65.2	Salinity,         a         34.2         34.9         34.1         34.5	27 ppt 34.4 34.8 34.8 34.2 34.6	Turbidity a 1.28 1.20 1.04 1.07	, NTU b 1.30 1.27 1.08 1.09	Average	Mid-Ebb Suspend 6.8 6.2 7.5 8.6		Depth Average 6.5	Remarks
MW1 B MW2 S MW2 M MW2 B	10:57 10:58 11:05 11:06 11:09		Overall Depth, m 4	W Sampling Depth,m 1 3 3 1 4	Veather C Tempera 24.8 24.2 24.2 24.7 24.2	24.6 24.1 24.3	Sunny Dissolve a 5.23 5.07 4.86 4.68	d Oxyge b 5.24 5.07 4.85 4.67	n, mg/L Average 5.24 5.07 4.77	Dissolve a 80.4 78.5 76.1 74.5	Ambier b 80.2 78.4 76.2 74.3	nt Tempera n, % Average 80.3 78.5 75.3	Salinity,         a         34.2         34.9         34.1         34.5	27 ppt 34.4 34.8 34.8 34.2 34.6	Turbidity a 1.28 1.20 1.04 1.07	, NTU b 1.30 1.27 1.08 1.09	Average	Mid-Ebb Suspend 6.8 6.2 7.5 8.6		Depth Average 6.5	Remarks
MW1 B MW2 S MW2 M MW2 B CW1 S	10:57 10:58 11:05 11:06 11:09 10:55		Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4 8	/eather C a 24.8 24.2 24.2 24.7 24.2 23.0	24.6 24.1 24.5 24.3 23.2	Sunny Dissolve a 5.23 5.07 4.86 4.68 3.72	d Oxyge b 5.24 5.07 4.85 4.67 3.70	n, mg/L Average 5.24 5.07 4.77 3.71	Dissolve a 80.4 78.5 76.1 74.5 65.3	Ambier b 80.2 78.4 76.2 74.3 65.1	nt Tempera h, % Average 80.3 78.5 75.3 65.2	Salinity,         a         34.2         34.9         34.1         34.5         35.4	27 ppt 34.4 34.8 34.2 34.6 35.3	Turbidity a 1.28 1.20 1.04 1.07 0.92	, NTU b 1.30 1.27 1.08 1.09 0.94	Tide State: Average 1.26	Mid-Ebb Suspend 6.8 6.2 7.5 8.6 8.5		Depth Average 6.5 8.2	Remarks
MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	10:57 10:58 11:05 11:06 11:09 10:55 10:55		Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4 8	/eather C a 24.8 24.2 24.2 24.7 24.2 23.0	24.6 24.1 24.5 24.3 23.2	Sunny Dissolve a 5.23 5.07 4.86 4.68 3.72	d Oxyge b 5.24 5.07 4.85 4.67 3.70	n, mg/L Average 5.24 5.07 4.77 3.71 4.46 #DIV/0!	Dissolve a 80.4 78.5 76.1 74.5 65.3	Ambier b 80.2 78.4 76.2 74.3 65.1	nt Temperat n, % Average 80.3 78.5 75.3 65.2 72.5 #DIV/0!	Salinity,         a         34.2         34.9         34.1         34.5         35.4	27 ppt 34.4 34.8 34.2 34.6 35.3	Turbidity a 1.28 1.20 1.04 1.07 0.92	, NTU b 1.30 1.27 1.08 1.09 0.94	Tide State: Average 1.26	Mid-Ebb Suspend 6.8 6.2 7.5 8.6 8.5		Depth Average 6.5 8.2	Remarks
MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B	10:57 10:58 11:05 11:06 11:09 10:55 10:55		Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4 8 8	/eather C Tempera a 24.8 24.2 24.2 24.2 24.2 23.0 24.6	24.6 24.6 24.1 24.5 24.3 23.2 24.7	Sunny Dissolve a 5.23 5.07 4.86 4.68 3.72 4.45	d Oxyge b 5.24 5.07 4.85 4.67 3.70 4.46	n, mg/L Average 5.24 5.07 4.77 3.71 4.46	Dissolve a 80.4 78.5 76.1 74.5 65.3 72.6	Ambier b 80.2 78.4 76.2 74.3 65.1 72.4	nt Tempera n, % Average 80.3 78.5 75.3 65.2 72.5	Ature,°C: Salinity, a 34.2 34.2 34.9 34.1 34.5 35.4 34.0	27 ppt 34.4 34.8 34.2 34.6 35.3 34.3	Turbidity a 1.28 1.20 1.04 1.07 0.92 1.05	. NTU b 1.30 1.27 1.08 1.09 0.94	Tide State: Average 1.26	Mid-Ebb Suspence 6.8 6.2 7.5 8.6 8.5 6.8		Depth Average 6.5 8.2	Remarks
MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S	10:57 10:58 11:05 11:06 11:09 10:55 10:55 10:55 11:21		Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4 8 2 2 1	Veather C Tempera 24.8 24.2 24.2 24.2 23.0 24.6 25.1	24.6 24.6 24.3 24.3 23.2 24.7 24.7 25.0	Sunny Dissolve a 5.23 5.07 4.86 4.68 3.72 4.45 4.79	d Oxyge b 5.24 5.07 4.85 4.67 3.70 4.46 4.78	n, mg/L Average 5.24 5.07 4.77 3.71 4.46 #DIV/0!	Dissolve a 80.4 78.5 76.1 74.5 65.3 72.6 72.6	Ambier d Oxygen b 80.2 78.4 76.2 74.3 65.1 72.4 75.7	nt Temperat n, % Average 80.3 78.5 75.3 65.2 72.5 #DIV/0!	Salinity,         a         34.2         34.3         34.4         34.5         35.4         34.0         33.7	27 ppt b 34.4 34.8 34.2 34.6 35.3 34.3 33.6	Turbidity a 1.28 1.20 1.04 1.07 0.92 1.05 0.82		Average           1.26           1.02           1.06	Mid-Ebb Suspend 6.8 6.2 7.5 8.6 8.5 6.8 6.8 5.5		Depth Average 6.5 8.2 6.8	Remarks

 
 Turbidity Meter:
 EM
 2365
 Calibration Check:
 9.9
 NTU

 Salinity Meter:
 EM
 6167
 Calibration Check:
 35
 ppt

 Thermometer:
 EM
 6167
 Checked By: Raymond Dai Date: 21/11/2005

Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	) Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	16/11/2005		W	/eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	26		ī	Tide State:	Mid-Floo	bd		
Station	Time	Sea	Overall	Sampling	Tompor	oturo °C	Discolut	ed Oxyge	o ma/l	Discolut	ed Oxyge	n 9/	Salinity,	pot	Turbidity			Success	ded Solids, m	~/I [	Remarks
Station	Time	Condition	Depth, m		a	b	a	b	Average	a	b	Average	a a	b	a	b	Average	Suspen	Dep	th	Remarks
MW1 S	18:16			1	25.3	25.3	5.83	5.76		73.6	73.0		35.5	35.5	1.16	1.22		11.0	Ave	rage	
			F		20.0	20.0	0.00	0.10	5.80	10.0	10.0	73.3	00.0	00.0			1.01			.6	
MW1 M	18:20	small wave	5														1.21		9	.0	
MW1 B	18:24			4	25.1	25.1	5.62	5.58	5.60	71.8	71.5	71.7	35.3	35.3	1.14	1.30		8.2			
MW2 S	17:56			1	25.4	25.4	5.74	5.73	5.68	72.5	72.2	71.7	35.6	35.6	1.25	1.07		9.0			
MW2 M	18:00	small wave	10	5	25.2	25.2	5.62	5.62		71.3	70.9		35.6	35.4	1.25	1.09	1.15	8.4	9	.1	
MW2 B	18:04			9	25.1	25.1	5.53	5.54	5.54	69.5	70.5	70.0	35.3	35.3	1.10	1.13		9.8			
CW1 S	18:26			1	25.3	25.3	5.84	5.80		72.2	71.6		35.4	35.4	0.98	1.15		5.8			
CW1 M	18:30	small wave	4						5.82			71.9					1.17		7	.5	
CW1 B	18:34			3	25.1	25.1	5.63	5.60	5.62	70.6	70.6	70.6	35.4	35.4	1.34	1.20		9.2			
CW2 S	18:06			1	25.2	25.2	5.73	5.70		73.3	72.8		35.5	35.6	1.39	1.14		5.8			
CW2 M	18:10	small wave	11	5.5	25.0	25.0	5.66	5.63	5.68	70.4	70.6	71.8	35.2	35.2	1.21	1.14	1.17	5.4	5	.7	
CW2 B	18:14	_		10	24.9	25.0	5.57	5.66	5.62	68.5	69.2	68.9	35.2	35.2	1.06	1.08	-	5.8			
Equipmer	nt used:	Dissolved Ox	kygen Mete	ır:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Pong		
		Turbidity Met	ter:		EM	2365	_	Calibrati	on Check:		9.8	NTU					Checked I	By:	Raymond Da	i	
		Salinity Mete			EM	6167			on Check:		35.5						Date:		23/11/2005		
		Thermomete			EM	6167		ouibruu			00.0	PP					Duto.		20,11,2000		
		memorie				0107	•														
Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	) Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	16/11/2005		W	/eather C	ondition:	Cloudy				Ambie	nt Tempera	ature,⁰C:	28		1	Tide State:	Mid-Ebb			
Station	Time	Sea	Overall	Sampling	Tempera	ature. °C	Dissolve	ed Oxyge	n. ma/L	Dissolve	ed Oxyge	n. %	Salinity,	ppt	Turbidity	NTU		Suspen	ded Solids, m	a/L F	Remarks
		Condition	Depth, m		а	b	а	b	Average	а	b	Average	а	b	а	b	Average		Dep		
MW1 S	12:26			1	25.6	25.6	5.79	5.84		76.3	74.9		35.6	35.6	1.22	1.15	1	10.0		ugo	
MW1 M	12:30	small wave	4						5.82			75.6					1.17		10	0.0	
MW1 B	12:34			3	25.4	25.5	5.66	5.70	5.68	75.3	75.6	75.5	35.4	35.4	1.24	1.06		10.0			
									0.00			10.0									
MW2 S	12:06	amellin	_	1	25.6	25.6	5.74	5.81	5.82	75.5	75.0	76.0	35.8	35.6	1.30	1.22		11.0			
MW2 M	12:10	small wave	9	4.5	25.4	25.4	5.83	5.90		76.8	76.6		35.5	35.5	1.17	1.10	1.14	11.0	9	.9	
MW2 B	12:14		1	8	25.4	25.3	5.64	5.74	5.69	74.3	75.0	74.7	35.4	35.4	1.06	1.00		7.8			
CW1 S	40.00	1			1																
CW1 M	12:36								5.78			76.0									
l	12:36	small wave	3	1.5	25.4	25.5	5.80	5.75	5.78	76.0	75.9	76.0	35.7	35.7	1.19	1.36	1.28	8.2	8	.2	
CW1 B		small wave	3	1.5	25.4	25.5	5.80	5.75	5.78 #DIV/0!	76.0	75.9	76.0 #DIV/0!	35.7	35.7	1.19	1.36	1.28	8.2	8	.2	
CW1 B CW2 S	12:40	small wave	3	1.5	25.4	25.5 25.6	5.80	5.75	#DIV/0!	76.0	75.9 75.5	#DIV/0!	35.7 35.6	35.7 35.7	1.19	1.36	1.28	8.2	8	.2	
	12:40 12:44	small wave	3														1.28			.2	
CW2 S	12:40 12:44 12:16			1	25.5	25.6	5.69	5.75	#DIV/0!	75.4	75.5	#DIV/0!	35.6	35.7	1.15	1.20		13.0			
CW2 S CW2 M	12:40 12:44 12:16 12:20			1	25.5 25.3	25.6 25.3	5.69 5.80	5.75	#DIV/0!	75.4 76.3	75.5 76.6	#DIV/0!	35.6 35.4	35.7 35.5	1.15 1.34	1.20 1.01		13.0 9.8			
CW2 S CW2 M	12:40 12:44 12:16 12:20 12:24		10	1 5 9	25.5 25.3	25.6 25.3	5.69 5.80 5.56	5.75 5.77 5.66	#DIV/0!	75.4 76.3	75.5 76.6	#DIV/0! 76.0 74.6	35.6 35.4	35.7 35.5	1.15 1.34	1.20 1.01		13.0 9.8 8.4			
CW2 S CW2 M CW2 B	12:40 12:44 12:16 12:20 12:24	small wave	10 kygen Mete	1 5 9	25.5 25.3 25.3	25.6 25.3 25.3	5.69 5.80 5.56	5.75 5.77 5.66 Calibrati	#DIV/0! 5.75 5.61	75.4 76.3	75.5 76.6 74.8	#DIV/0! 76.0 74.6	35.6 35.4	35.7 35.5	1.15 1.34	1.20 1.01	1.17	13.0 9.8 8.4 By:	10	).4	
CW2 S CW2 M CW2 B	12:40 12:44 12:16 12:20 12:24	small wave	10 kygen Mete	1 5 9	25.5 25.3 25.3 EM	25.6 25.3 25.3 6167	5.69 5.80 5.56	5.75 5.77 5.66 Calibrati	#DIV/0! 5.75 5.61 on Check:	75.4 76.3	75.5 76.6 74.8	#DIV/0! 76.0 74.6 100%: NTU	35.6 35.4	35.7 35.5	1.15 1.34	1.20 1.01	1.17 Sampled	13.0 9.8 8.4 By:	Pong	).4	

Thermometer:

EM 6167

Thermometer:

EM 6167

Project:	Contract I	No. CV/2004/0	2 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	21/11/2005		w	eather C	ondition:	cloudy				Ambie	nt Temper	ature,ºC:	19		٦	Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solids	s, mg/L	Remarks
		Condition	Depth, m		а	b	а	b	Average	а		Average	а	b	а		Average			Depth Average	
MW1 S	15:21			1	16.3	16.3	4.49	4.53	4.51	59.2	58.6	58.9	35.4	35.4	1.16	1.23		15.0			
MW1 M	15:25	small wave	5			16.2			4.51			56.9					1.08			12.5	
MW1 B	15:29			4	16.2	16.1	4.66	4.68	4.67	59.3	59.6	59.5	35.4	35.4	0.97	0.95		10.0			
MW2 S	15:02			1	16.1	16.1	4.65	4.62	4.66	59.2	58.9	58.0	35.4	35.4	1.22	1.31		12.0			
MW2 M	15:06	small wave	10	5	16.1	16.1	4.69	4.69	4.00	56.6	57.1	00.0	35.4	35.4	1.15	1.04	1.16	13.0		11.1	
MW2 B	15:10			9	16.1	16.1	4.83	4.77	4.80	59.9	60.1	60.0	35.4	35.4	1.22	1.00		8.4			
CW1 S	15:31			1	16.3	16.3	4.61	4.65	4.63	59.5	59.6	59.6	35.4	35.4	0.95	1.22		9.0			
CW1 M	15:35	small wave	4														1.16			10.5	
CW1 B	15:39			3	16.2	16.2	4.68	4.68	4.68	60.1	59.8	60.0	35.4	35.4	1.20	1.25		12.0			
CW2 S	15:12			1	16.1	16.1	4.71	4.74	4.70	60.3	60.7	60.1	35.4	35.4	1.04	1.29	-	7.6			
CW2 M	15:16	small wave	11	5.5	16.1	16.1	4.65	4.68		59.8	59.5		35.4	35.4	1.15	1.13	1.15	6.8		7.7	
CW2 B	15:20			10	16.1	16.1	4.68	4.70	4.69	60.1	59.7	59.9	35.3	35.3	1.21	1.08		8.6			
Equipmer	t uppede	Dissolved O	unon Moto		<b>E</b> M	6167		Colibrati	on Chooku		100	100%					Compled	D. a	(73)		
Equipmen		Dissolved Ox Turbidity Met			EM	6167 2365			on Check: on Check:		100	-					Sampled   Checked	-	伊 Raymon	1 Doi	
		Salinity Mete			EM	6167			on Check:		9.9 35	-					Date:		28/11/20		
		Thermomete			EM	6167		Galibrati	on oncor.		00	PPr					Dute.		20/11/20	00	
Project:	Contract I	No. CV/2004/0	)2 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429			
		No. CV/2004/0 21/11/2005							Piers ng nigh tim			Kin Shing					Job No.: Fide State:		at 03:00		
Date of		21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L	Dissolve	Ambie d Oxyge	nt Temper	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids		Remarks
Date of	Sampling:	21/11/2005 Sea		W	eather C	ondition:	Site inac	ctive duri	ng nigh tim	ie	Ambie d Oxyge	nt Temper	ature,⁰C:	30		7	Fide State:	Mid-Ebb	ded Solids	s, mg/L Depth Average	Remarks
Date of	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average	Dissolve	Ambie d Oxyge	nt Temper n, % Average	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L	Dissolve	Ambie d Oxyge	nt Temper	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station MW1 S	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average	Dissolve	Ambie d Oxyge	nt Temper n, % Average	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper Average #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	n, % Average #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	n, % Average #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! 1 #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 M	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	Sampling:	21/11/2005 Sea	Overall	W	eather C	ondition:	Site inac	ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW2 S CW2 M CW2 B	Sampling:	21/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m	eather C Tempera a	ondition: ature, °C b	Site inac	d Oxyge	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		Ambiel d Oxygei b	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling:	21/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m	eather C Tempera a	6167	Site inac	ctive durii d Oxyge b	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! mDIV/0!		Ambiel d Oxygei b	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!       Sampled I	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW2 S CW2 M CW2 B	Sampling:	21/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m	eather C Tempera a	ondition: ature, °C b		ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		Ambiel d Oxygei b	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! 100%: NTU	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling:	21/11/2005 Sea Condition Dissolved O Turbidity Met	Overall Depth, m	W Sampling Depth,m	eather C Tempera a EM	ondition: ature, °C b 		ctive duri	ng nigh tim n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! on Check:		Ambiel d Oxygen b c c c c c c c c c c c c c c c c c c	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! TU0%: NTU	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!       Checked I	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks

Project:	Contract I	No. CV/2004/0	02 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	23/11/2005		w	eather C	ondition:	Sunny				Ambie	nt Temper	ature,°C:	21		٦	Fide State:	Mid-Floo	bd		
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxvae	n ma/l	Dissolve	d Oxyge	n %	Salinity,	nnt	Turbidity	NTU		Suspen	ded Solids	ma/l	Remarks
olulion		Condition		Depth,m	a	b	a	b	Average	a	b	Average	a	b	a		Average	Cuopon	[	Depth Average	. containe
MW1 S	15:15			1	22.8	22.8	4.70	4.74	4.54	77.1	77.0	74.3	32.8	33.0	1.22	1.25		18.0			
MW1 M	15:19		5	2.5	21.4	21.5	4.39	4.31	4.54	71.6	71.4	74.5	34.1	34.0	1.13	1.15	1.29			15.0	
MW1 B	15:26			4	20.5	20.2	4.02	4.03	4.03	61.4	61.3	61.4	34.2	34.1	1.47	1.49		12.0			
MW2 S	15:30			1	22.2	22.0	4.00	4.45	4.23	72.5	72.6	71.5	30.7	30.9	1.06	1.07		11.0			
MW2 M	15:34		10	5	21.6	21.7	4.22	4.23	4.20	70.4	70.5	11.0	32.7	32.5	0.95	0.94	1.12	12.0		11.7	
MW2 B	15:38			9	19.5	19.4	3.21	3.22	3.22	63.3	63.4	63.4	34.1	34.1	1.34	1.35		12.0			
CW1 S	15:06			1	22.3	22.2	4.06	4.05	4.06	68.1	67.9	68.0	33.2	33.1	0.84	0.82		12.0			
CW1 M			4														0.99			11.0	
CW1 B	15:11			3	21.3	21.4	3.77	3.76	3.77	65.3	65.2	65.3	34.7	34.6	1.14	1.16		10.0			
CW2 S	15:43			1	22.3	22.1	4.46	4.45	4.40	72.5	72.4	71.8	32.4	32.3	0.76	0.77		10.0			
CW2 M	15:47		9	4.5	20.7	20.8	4.35	4.34		71.2	71.0		33.9	33.8	0.85	0.86	0.98	8.4		9.0	
CW2 B	15:52			8	19.4	19.5	4.02	4.04	4.03	68.6	68.7	68.7	34.5	34.4	1.31	1.30		8.6			
Equipmer		Dissolved Ox			EM	6167			on Check:		100	-					Sampled	-	伊		
		Turbidity Met			EM	2365			on Check:		10.3						Checked I	By:	Raymond		
		Salinity Mete			EM	6167		Calibrati	on Check:		35.7	ppt					Date:		30/11/200	05	
		Thermomete	r:		EM	6167															
Project:	Contract I	No. CV/2004/0	02 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429	-		
		No. CV/2004/0 23/11/2005							Piers ng night tir			Kin Shing					Job No.: Fide State:				
Date of		23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L	ne Dissolve	Ambie d Oxyge	nt Temper	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	at 06:00		Remarks
Date of	Sampling:	23/11/2005		W	eather C	ondition:	Site inac	tive duri	ng night tir	ne	Ambie d Oxyge	nt Temper	ature,°C:	30		1		Mid-Ebb	ded Solids	, mg/L Depth Average	Remarks
Date of	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L	ne Dissolve	Ambie d Oxyge	nt Temper	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station MW1 S	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! *#DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper Average #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! *#DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	mg night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper Average #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW2 S	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	mg night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW2 S	Sampling:	23/11/2005 Sea	Overall	W	eather C	ondition: ature, °C	Site inac	tive durii	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling:	23/11/2005	Overall Depth, m	W Sampling Depth,m	eather C Tempera a	ondition: ature, °C b	Site inacconductor	d Oxygee	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambiel d Oxygei b	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!	Mid-Ebb Suspend	at 06:00	Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling:	23/11/2005 Sea	Overall Depth, m	W Sampling Depth,m	eather C	ondition: ature, °C	Site inacconductor	calibrati	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambie d Oxyge	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!	Mid-Ebb	ded Solids	Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW2 S CW2 M CW2 B	Sampling:	23/11/2005 Sea Condition	Overall Depth, m	W           Sampling Depth,m           Image: Constraint of the second sec	EM	6167	Site inacconductor	d Oxyge b Calibrati	ng night tir n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ne Dissolve	Ambiei d Oxygei b	nt Temper n, % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Average       #DIV/0!       #DIV/0!       #DIV/0!       #DIV/0!       Sampled I	Mid-Ebb	6 at 06:00	Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks

Project:	Contract I	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	25/11/2005		W	eather C	ondition:	Sunny				Ambier	nt Tempera	ature,°C:	26		٦	Fide State:	Mid-Floo	bd		
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxygei	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solids,	mg/L	Remarks
		Condition	Depth, m		а	b	а		Average	а		Average	а	b	а	b	Average		C	Depth Average	
MW1 S				1	23.2	23.2	3.76	3.85		54.6	53.8	54.0	35.6	35.6	1.32	1.06		13.0			
MW1 M		small wave	4						3.81			54.2					1.17			12.0	
MW1 B				3	22.8	22.9	3.90	3.82	3.86	55.3	55.5	55.4	35.6	35.6	1.21	1.07		11.0			
MW2 S				1	23.1	23.1	3.73	3.74	3.84	53.9	54.3	54.4	35.6	35.6	1.17	1.13		11.0			
MW2 M		small wave	11	5.5	22.7	22.7	3.95	3.93	5.04	53.7	55.7	34.4	35.6	35.6	1.19	1.24	1.13	12.0		12.7	
MW2 B				10	22.6	22.6	3.90	3.88	3.89	55.6	55.4	55.5	35.6	35.6	0.97	1.10		15.0			
CW1 S				1	23.1	23.1	3.74	3.76	3.75	53.6	53.8	53.7	35.6	35.5	1.22	1.07		9.8			
CW1 M		small wave	4														1.17			10.9	
CW1 B				3	22.9	22.7	3.82	3.85	3.84	54.2	54.4	54.3	35.6	35.4	1.12	1.25		12.0			
CW2 S				1	23.0	23.0	3.75	3.80	3.77	54.2	53.8	54.4	35.6	35.6	1.38	1.19		11.0			
CW2 M		small wave	10	5	22.7	22.7	3.79	3.75	-	54.5	55.0		35.6	35.6	1.24	1.07	1.15	9.6		10.5	
CW2 B				9	22.7	22.7	3.64	3.85	3.75	55.0	54.9	55.0	35.5	35.6	0.86	1.15		11.0			
<b>F</b> amily and	4 di	Discoluted O				0407		Oslihasti	o ob e e la		400	1000/-					O a ser a la d l	<b>D</b>	/11		
Equipmer		Dissolved O			EM	6167			on Check:		100						Sampled I		<u>伊</u>		
		Turbidity Met			EM	2365			on Check:		10.2						Checked I	⊃у.	Raymond		
		Salinity Mete			EM	6167		Calibrati	on Check:		35.5	ppt					Date:		2/12/2005	)	
		Thermomete	ı.		EM	6167															
Project:	Contract I	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
		No. CV/2004/0			Vong She			n Public	Piers			Kin Shing					Job No.: Fide State:		<del>.</del> )		
Date of	Sampling: Time	25/11/2005 Sea	Overall	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids,		Remarks
Date of Station	Sampling: Time	25/11/2005		W Sampling Depth,m	/eather C	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b		Dissolve	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	30 ppt b	Turbidity a	ז , NTU b		Mid-Ebb	ded Solids,	, mg/L Depth Average	Remarks
Date of Station MW1 S	Sampling: Time	25/11/2005 Sea Condition	Overall Depth, m	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids,	Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time	25/11/2005 Sea	Overall	W Sampling Depth,m	Veather Contract of Contract o	ondition: ature, °C b 23.0	Sunny Dissolve a 3.83	d Oxyge b 3.76	n, mg/L Average 3.80	Dissolve a 56.3	Ambier d Oxyger b 55.9	nt Tempera n, % Average 56.1	ature, °C: Salinity, a 35.8	30 ppt b 35.8	Turbidity a 0.84	, NTU b 0.95	Fide State:	Mid-Ebb Suspend 11.0	ded Solids,	Depth	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time	25/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3	Veather C a 23.0 23.0	ature, °C b 23.0 23.0	Sunny Dissolve a 3.83 3.76	d Oxyge b 3.76 3.76	n, mg/L Average	Dissolve a 56.3 56.1	Ambier d Oxyger b 55.9 55.4	nt Tempera n, % Average	Salinity, a 35.8 35.7	30 ppt b 35.8 35.7	Turbidity a 0.84 1.16	, NTU b 0.95 1.02	Fide State:	Mid-Ebb Suspend 11.0 11.0	ded Solids,	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time	25/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	/eather C Tempera 23.0 23.0 23.1	ondition: ature, °C b 23.0 23.0 23.1	Sunny Dissolve a 3.83 3.76 3.84	d Oxyge b 3.76 3.76 3.85	n, mg/L Average 3.80	Dissolve a 56.3 56.1 57.0	Ambier d Oxyger b 55.9 55.4 56.4	nt Tempera n, % Average 56.1	ature, °C: Salinity, a 35.8 35.7 35.8	30 ppt b 35.8 35.7 35.8	Turbidity a 0.84 1.16 1.26	, NTU b 0.95 1.02 1.18	Average	Mid-Ebb Suspend 11.0 11.0 12.0	ded Solids,	Depth Average 11.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time	25/11/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3 1 5	Veather C Tempera 23.0 23.0 23.0 23.1 23.0	ondition: ature, °C b 23.0 23.0 23.1 23.0	Sunny Dissolve a 3.83 3.76 3.84 3.72	d Oxyge b 3.76 3.76 3.85 3.79	n, mg/L Average 3.80 3.76 3.80	Dissolve a 56.3 56.1 57.0 55.3	Ambien d Oxygen b 55.9 55.4 56.4 55.6	nt Tempera n, % Average 56.1 55.8 56.1	ature, ℃: Salinity, a 35.8 35.7 35.8 35.7	30 ppt 5 35.8 35.7 35.8 35.7	Turbidity a 0.84 1.16 1.26 1.16	, NTU b 0.95 1.02 1.18 1.15	Fide State:	Mid-Ebb Suspend 11.0 11.0 12.0 12.0	ded Solids,	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time	25/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	/eather C Tempera 23.0 23.0 23.1	ondition: ature, °C b 23.0 23.0 23.1	Sunny Dissolve a 3.83 3.76 3.84	d Oxyge b 3.76 3.76 3.85	n, mg/L Average 3.80 3.76	Dissolve a 56.3 56.1 57.0	Ambier d Oxyger b 55.9 55.4 56.4	nt Tempera Average 56.1 55.8	ature, °C: Salinity, a 35.8 35.7 35.8	30 ppt b 35.8 35.7 35.8	Turbidity a 0.84 1.16 1.26	, NTU b 0.95 1.02 1.18	Average	Mid-Ebb Suspend 11.0 11.0 12.0	ded Solids,	Depth Average 11.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 5 9	/eather C Tempera 23.0 23.0 23.0 23.0 23.0 23.0	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.0 23.0	Sunny Dissolve a 3.83 3.76 3.84 3.72 3.66	d Oxyge b 3.76 3.76 3.85 3.79 3.78	n, mg/L Average 3.80 3.76 3.80	Dissolve a 56.3 56.1 57.0 55.3 54.8	Ambien d Oxygen b 55.9 55.4 56.4 55.6 55.6 54.9	nt Tempera n, % Average 56.1 55.8 56.1	ature, °C: Salinity, a 35.8 35.7 35.8 35.7 35.7 35.7	30 ppt b 35.8 35.7 35.8 35.7 35.7 35.7	Turbidity a 0.84 1.16 1.26 1.16 1.08	, NTU b 0.95 1.02 1.18 1.15 1.25	Average 0.99 1.18	Mid-Ebb Suspend 11.0 11.0 12.0 12.0 10.0	ded Solids,	Depth Average 11.0 11.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S	Sampling: Time	25/11/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 5	Veather C Tempera 23.0 23.0 23.0 23.1 23.0	ondition: ature, °C b 23.0 23.0 23.1 23.0	Sunny Dissolve a 3.83 3.76 3.84 3.72	d Oxyge b 3.76 3.76 3.85 3.79	n, mg/L Average 3.80 3.76 3.80 3.72 3.72	Dissolve a 56.3 56.1 57.0 55.3	Ambien d Oxygen b 55.9 55.4 56.4 55.6	nt Tempera n, % Average 56.1 55.8 56.1 54.9 55.3	ature, ℃: Salinity, a 35.8 35.7 35.8 35.7	30 ppt 5 35.8 35.7 35.8 35.7	Turbidity a 0.84 1.16 1.26 1.16	, NTU b 0.95 1.02 1.18 1.15	Average	Mid-Ebb Suspend 11.0 11.0 12.0 12.0	ded Solids,	Depth Average 11.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 5 9 9	/eather C Tempera a 23.0 23.0 23.1 23.0 23.0 23.0 23.2 23.2	ature, °C b 23.0 23.0 23.1 23.0 23.0 23.0 23.0 23.2	Sunny Dissolve a 3.83 3.76 3.84 3.72 3.66 3.74	d Oxyge b 3.76 3.85 3.79 3.78 3.70	n, mg/L Average 3.80 3.76 3.80 3.72	Dissolve a 56.3 56.1 57.0 55.3 54.8 55.2	Ambier d Oxyger b 55.9 55.4 56.4 55.6 54.9 55.3	nt Tempera Average 56.1 55.8 56.1 54.9	ature, °C: Salinity, a 35.8 35.7 35.7 35.7 35.7 35.7	30 ppt b 35.8 35.7 35.7 35.7 35.7 35.7	Turbidity a 0.84 1.16 1.26 1.08 1.26	NTU b 0.95 1.02 1.18 1.25 1.24	Average 0.99 1.18	Mid-Ebb Suspend 11.0 12.0 12.0 10.0	ded Solids,	Depth Average 11.0 11.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW1 S	Sampling: Time	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 10 3	W Sampling Depth,m 1 3 1 5 9 9 1.5	Veather C Tempera a 23.0 23.2 23.1 23.2	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.2 23.2 23.1	Sunny           Dissolve           a           3.83           3.76           3.84           3.72           3.66           3.74           3.81	d Oxyge b 3.76 3.76 3.85 3.79 3.78 3.70 3.70 3.75	n, mg/L Average 3.80 3.76 3.80 3.72 3.72	Dissolve           a           56.3           56.1           57.0           55.3           54.8           55.2           56.3	Ambier d Oxyger b 55.9 55.4 56.4 55.6 54.9 55.3 55.3 56.5	nt Tempera n, % Average 56.1 55.8 56.1 54.9 55.3	ature, °C: <u>Salinity</u> a 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.8 35.7 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13	NTU           b           0.95           1.02           1.15           1.25           1.24           1.22	Average 0.99 1.18	Mid-Ebb Suspend 11.0 12.0 12.0 10.0 12.0 10.0 11.0	ded Solids,	Depth           Verage           11.0           11.3           12.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 5 9 9 1.5 9 1.5 1 4.5	Veather C Tempera a 23.0 23.0 23.1 23.0 23.0 23.2 23.2 23.2 23.2 23.2 23.2	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.0 23.2 23.2 23.1 23.2 23.2	Sunny           Dissolve           a           3.83           3.76           3.84           3.72           3.66           3.74           3.81           3.69	d Oxyge b 3.76 3.76 3.85 3.79 3.78 3.70 3.75 3.74	n, mg/L Average 3.80 3.76 3.80 3.72 3.72 #DIV/0! 3.75	Dissolve a 56.3 55.3 54.8 55.2 56.3 54.8	Ambien d Oxygen b 55.9 55.4 56.4 55.6 54.9 55.3 56.5 55.3	nt Tempera Average 56.1 55.8 56.1 54.9 55.3 #DIV/0! 55.7	ature, °C: <u>Salinity</u> , a 35.8 35.7 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13 1.09	NTU           b           0.95           1.02           1.18           1.15           1.25           1.24           1.22           1.18	Average 0.99 1.18	Mid-Ebb Suspend 11.0 12.0 12.0 10.0 12.0 11.0 11.0	ded Solids,	Depth Average 11.0 11.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW1 S	Sampling: Time	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 10 3	W Sampling Depth,m 1 3 1 5 9 9 1.5	Veather C Tempera a 23.0 23.2 23.1 23.2	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.2 23.2 23.1	Sunny           Dissolve           a           3.83           3.76           3.84           3.72           3.66           3.74           3.81	d Oxyge b 3.76 3.76 3.85 3.79 3.78 3.70 3.70 3.75	n, mg/L Average 3.80 3.76 3.80 3.72 3.72 #DIV/0!	Dissolve           a           56.3           56.1           57.0           55.3           54.8           55.2           56.3	Ambier d Oxyger b 55.9 55.4 56.4 55.6 54.9 55.3 55.3 56.5	nt Tempera n, % Average 56.1 55.8 56.1 54.9 55.3 #DIV/0!	ature, °C: <u>Salinity</u> a 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.8 35.7 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13	NTU           b           0.95           1.02           1.15           1.25           1.24           1.22	Average 0.99 1.18	Mid-Ebb Suspend 11.0 12.0 12.0 10.0 12.0 10.0 11.0	ded Solids,	Depth           Verage           11.0           11.3           12.0	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling:	25/11/2005 Sea Condition small wave small wave	Overall Depth, m 4 10 3 9	W Sampling Depth,m 1 3 1 5 9 9 1.5 1 1 4.5 8	Veather C Tempera a 23.0 23.0 23.1 23.0 23.0 23.2 23.2 23.2 23.2 23.2 23.2	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.0 23.2 23.2 23.1 23.2 23.2	Sunny Dissolve a 3.83 3.76 3.84 3.72 3.66 3.74 3.81 3.69 3.82	d Oxyge b 3.76 3.85 3.79 3.78 3.70 3.75 3.74 3.79	n, mg/L Average 3.80 3.76 3.80 3.72 3.72 #DIV/0! 3.75	Dissolve a 56.3 55.3 54.8 55.2 56.3 54.8	Ambien d Oxygen b 55.9 55.4 56.4 55.6 54.9 55.3 56.5 55.3	nt Tempera n, % Average 56.1 55.8 56.1 54.9 55.3 #DIV/0! 55.7 55.1	ature, °C: <u>Salinity</u> , a 35.8 35.7 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13 1.09	NTU           b           0.95           1.02           1.18           1.15           1.25           1.24           1.22           1.18	Average 0.99 1.18	Mid-Ebb Suspend 11.0 12.0 12.0 12.0 11.0 11.0 11.0 13.0	ded Solids,	Depth           Verage           11.0           11.3           12.0	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling: Time	25/11/2005 Sea Condition small wave small wave small wave	Overall Depth, m 4 10 3 9 9	W Sampling Depth,m 1 3 1 5 9 9 1.5 1 1 4.5 8	Veather C          Tempera         23.0         23.0         23.0         23.1         23.0         23.1         23.2         23.1         23.2         23.1         22.9	ondition: ature, °C b 23.0 23.0 23.1 23.0 23.0 23.2 23.2 23.2 23.1 22.9 22.9	Sunny           Dissolve           a           3.83           3.76           3.84           3.72           3.66           3.74           3.81           3.69           3.82	d Oxyge b 3.76 3.76 3.85 3.79 3.78 3.79 3.70 3.70 3.74 3.79 Calibrati	n, mg/L Average 3.80 3.76 3.80 3.72 3.72 #DIV/0! 3.75 3.81	Dissolve a 56.3 55.3 54.8 55.2 56.3 54.8	Ambien d Oxyger b 55.9 55.4 55.4 55.6 55.3 55.3 55.3 55.1	nt Tempera Average 56.1 55.8 56.1 54.9 55.3 #DIV/0! 55.7 55.1 .100%:	ature, °C: <u>Salinity</u> , a 35.8 35.7 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13 1.09	NTU           b           0.95           1.02           1.18           1.15           1.25           1.24           1.22           1.18	Average           0.99           1.18           1.25           1.22	Mid-Ebb Suspend 11.0 12.0 12.0 12.0 12.0 12.0 12.0 11.0 11		Depth           Werage           11.0           11.3           12.0           11.7	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling: Time	25/11/2005 Sea Condition small wave small wave small wave small wave	Overall Depth, m 4 10 3 9 sygen Mete er:	W Sampling Depth,m 1 3 1 5 9 9 1.5 1 1 4.5 8	Tempera         a         23.0         23.1         23.0         23.1         23.0         23.1         23.2         23.1         22.9         22.9         EM	ondition: ature, °C b 23.0 23.0 23.0 23.1 23.0 23.2 23.2 23.1 22.9 22.9 6167	Sunny Dissolve a 3.83 3.76 3.84 3.72 3.66 3.74 3.81 3.69 3.82	d Oxyge b 3.76 3.85 3.79 3.78 3.70 3.75 3.74 3.79 Calibrati	n, mg/L Average 3.80 3.76 3.80 3.72 3.72 #DIV/0! 3.75 3.81 on Check:	Dissolve a 56.3 55.3 54.8 55.2 56.3 54.8	Ambier d Oxyger b 55.9 55.4 55.4 55.4 55.6 54.9 55.3 55.3 55.3 55.3 55.1 100	nt Tempera n, % Average 56.1 55.8 56.1 54.9 55.3 #DIV/0! 55.7 55.1 100%: NTU	ature, °C: <u>Salinity</u> , a 35.8 35.7 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	30 ppt b 35.8 35.7 35.7 35.7 35.8 35.8 35.8 35.8 35.8	Turbidity a 0.84 1.16 1.26 1.16 1.08 1.26 1.13 1.09	NTU           b           0.95           1.02           1.18           1.15           1.25           1.24           1.22           1.18	Average       0.99       1.18       1.25       1.22       Sampled I	Mid-Ebb Suspend 11.0 12.0 12.0 12.0 12.0 12.0 12.0 11.0 11	ded Solids,	Depth <u>Verage</u> 11.0 11.3 12.0 11.7 Dai	Remarks

Project:	Contract I	No. CV/2004/0	02 Recons	truction of V	Vong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
Date of	Sampling:	28/11/2005		w	eather C	ondition:	cloudy				Ambie	nt Tempera	ature,⁰C:	25		Т	Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxygei	n, mg/L	Dissolve	d Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solids, m	ng/L f	Remarks
		Condition	Depth, m	-	а	b	а		Average	а		Average	а	b	а		Average		Dep		
MW1 S				1	23.0	23.0	3.95	4.00		57.3	56.8		35.6	35.6	1.26	1.20		22.0			
MW1 M	16:10	samll wave	5						3.98			57.1					1.20		2	4.5	
MW1 B				4	22.9	22.9	3.85	3.79	3.82	56.1	55.8	56.0	35.6	35.6	1.15	1.18		27.0			
MW2 S				1	22.9	22.9	3.84	3.81	3.92	55.9	55.3	56.3	35.6	35.6	1.24	1.13		9.6			
MW2 M	15:50	samll wave	10	5	22.8	22.8	4.05	3.98		57.2	56.8		35.5	35.5	1.07	1.12	1.16	11.0	1	0.9	
MW2 B				9	22.8	22.8	3.69	3.66	3.68	54.3	53.0	53.7	35.6	35.6	1.15	1.22		12.0			
CW1 S				1	22.9	22.9	3.93	3.90	3.92	56.7	57.0	56.9	35.6	35.6	1.34	1.27		8.0			
CW1 M	16:20	samll wave	4						0.02			00.0					1.25		ę	9.0	
CW1 B				3	22.8	22.8	3.75	3.70	3.73	54.8	54.8	54.8	35.5	35.5	1.19	1.19		10.0			
CW2 S				1	22.9	22.9	4.07	4.12	4.02	57.1	57.1	56.7	35.6	35.6	1.23	1.21		10.0			
CW2 M	16:00	samll wave	11	5.5	22.8	22.8	3.97	3.90		56.2	56.4		35.5	35.5	1.15	1.17	1.18	8.6	1	0.2	
CW2 B				10	22.8	22.8	3.83	3.71	3.77	55.9	55.3	55.6	35.5	35.5	1.07	1.22		12.0			
Equipmer	t used:	Dissolved Ox	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Pong		
		Turbidity Met	er:		EM	2365		Calibrati	on Check:		10.4	NTU					Checked I	By:	Raymond Da	ai	
		Salinity Mete	r:		EM	6167		Calibrati	on Check:		35.5	ppt					Date:		5/12/2005		
		Thermomete	r:		EM	6167															
						0107															
Project:	Contract I	No. CV/2004/0		truction of V				n Public I	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
		No. CV/2004/0 28/11/2005	02 Recons		Vong She	ek and Ko	Lau Wa	n Public I	Piers			Kin Shing					Job No.: Fide State:				
Date of	Sampling:	28/11/2005	02 Recons	<u> </u>	Vong She /eather C	ek and Ko	Lau Wa				Ambie	nt Tempera	ature,⁰C:	26		Т	Job No.: Fide State:	Mid-Ebb			Remarks
			02 Recons	Sampling	Vong She /eather C	ek and Ko	Lau Wa	d Oxygei		Dissolve	Ambie	nt Tempera		26		T , NTU		Mid-Ebb	ded Solids, m	pth	Remarks
Date of	Sampling:	28/11/2005 Sea	02 Recons	Sampling	Vong She /eather C Tempera	ek and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	d Oxygei	n, mg/L Average	Dissolve	Ambie d Oxyge	nt Tempera	ature,⁰C: Salinity,	26 ppt	Turbidity	T , NTU	Tide State:	Mid-Ebb	ded Solids, m		Remarks
Date of Station	Sampling:	28/11/2005 Sea	02 Recons	N Sampling Depth,m	Vong She /eather C Tempera a	ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	d Oxygei b	n, mg/L	Dissolve	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	26 ppt b	Turbidity a	T , NTU b	Tide State:	Mid-Ebb	ded Solids, m Dep Ave	pth	Remarks
Date of Station MW1 S	Sampling: Time	28/11/2005 Sea Condition	Overall Depth, m	N Sampling Depth,m	Vong She /eather C Tempera a	ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	d Oxygei b	n, mg/L Average	Dissolve	Ambier d Oxyger b	nt Tempera n, % Average	ature,°C: Salinity, a	26 ppt b	Turbidity a	T , NTU b	Tide State:	Mid-Ebb	ded Solids, m Dep Ave	pth erage	Remarks
Date of Station MW1 S MW1 M	Sampling: Time	28/11/2005 Sea Condition	Overall Depth, m	Sampling Depth,m	Vong She Veather C Tempera a 22.9	ondition: ature, °C b 22.9	Lau Wa Sunny Dissolve a 3.94	d Oxygen b 3.96	n, mg/L Average 3.95 3.83	Dissolve a 5.73	Ambier d Oxyger b 5.69	nt Tempera Average 5.7 5.7	ature, °C: Salinity, a 35.4	26 ppt b 35.4	Turbidity a 1.13	T , NTU b 0.85	Tide State:	Mid-Ebb Suspend	ded Solids, m Dep Ave	pth erage	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time	28/11/2005 Sea Condition	Overall Depth, m	N Sampling Depth,m 1 3	Vong She /eather C 7 22.9 22.7	ek and Ko ondition: ature, °C b 22.9 22.7	Lau Wa Sunny Dissolve a 3.94 3.84	d Oxyger b 3.96 3.82	n, mg/L Average 3.95	Dissolve a 5.73 5.66	Ambien d Oxygen b 5.69 5.68	nt Tempera n, % Average 5.7	Salinity, a 35.4 35.4	26 ppt b 35.4 35.4	Turbidity a 1.13 1.19	, <u>NTU</u> b 0.85 1.26	Tide State:	Mid-Ebb Suspend 10 11.0	ded Solids, m Dep Ave	pth erage	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 10:00	28/11/2005 Sea Condition samll wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Vong She Yeather C Tempera 22.9 22.7 22.8	ek and Ko ondition: ature, °C b 22.9 22.7 22.8	Lau Wa       Sunny       Dissolve       a       3.94       3.84       4.02	d Oxyger b 3.96 3.82 3.94	n, mg/L Average 3.95 3.83	Dissolve a 5.73 5.66 5.82	Ambiei d Oxygei b 5.69 5.68 5.85	nt Tempera Average 5.7 5.7	ature, °C: Salinity, a 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29	1.10	Average	Mid-Ebb Suspend 10 11.0 8.8	ded Solids, m Dep Ave	oth erage 0.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 10:00	28/11/2005 Sea Condition samll wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	Vong She /eather C Tempera a 22.9 22.7 22.7 22.8 22.6	ek and Ko ondition: ture, °C b 22.9 22.7 22.8 22.6	Lau Wa           Sunny           Dissolve           a           3.94           3.84           4.02           3.76	d Oxygen b 3.96 3.82 3.94 3.72	n, mg/L Average 3.95 3.83 3.86 3.88	Dissolve a 5.73 5.66 5.82 5.58	Ambien d Oxygen b 5.69 5.68 5.85 5.85 5.61	nt Tempera Average 5.7 5.7 5.7 5.7 5.7	ature, °C: Salinity, a 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05	1.10 1.18	Average	Mid-Ebb Suspend 10 11.0 8.8 12.0	ded Solids, m Dep Ave	oth erage 0.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 10:00	28/11/2005 Sea Condition samll wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	Vong She /eather C Tempera a 22.9 22.7 22.7 22.8 22.6	ek and Ko ondition: ture, °C b 22.9 22.7 22.8 22.6	Lau Wa           Sunny           Dissolve           a           3.94           3.84           4.02           3.76	d Oxygen b 3.96 3.82 3.94 3.72	n, mg/L Average 3.95 3.83 3.86	Dissolve a 5.73 5.66 5.82 5.58	Ambien d Oxygen b 5.69 5.68 5.85 5.85 5.61	n, % Average 5.7 5.7 5.7	ature, °C: Salinity, a 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05	1.10 1.18	Average	Mid-Ebb Suspend 10 11.0 8.8 12.0	Jed Solids, m Deg Ave 1	oth erage 0.5	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 10:00 9:45	28/11/2005 Sea Condition samll wave samll wave	Overall Depth, m 4	V Sampling Depth,m 1 3 1 4.5 8	Vong She /eather C 7 22.9 22.7 22.8 22.6 22.6 22.6	ek and Ko ondition: ature, °C b 22.9 22.7 22.8 22.6 22.6 22.6	Lau Wa Sunny Dissolve a 3.94 3.84 4.02 3.76 3.85	d Oxygen b 3.96 3.82 3.94 3.72 3.90	n, mg/L Average 3.95 3.83 3.86 3.88	Dissolve a 5.73 5.66 5.82 5.58 5.63	Ambien d Oxygen b 5.69 5.68 5.85 5.61 5.72	nt Tempera Average 5.7 5.7 5.7 5.7 5.7	ature, °C: Salinity, a 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04	1.26 1.10 1.13	Tide State: Average 1.11	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0	Jed Solids, m Deg Ave 1	0.5 0.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S	Sampling: Time 10:00 9:45	28/11/2005 Sea Condition samll wave samll wave	Overall Depth, m 4	V Sampling Depth,m 1 3 1 4.5 8	Vong She /eather C 7 22.9 22.7 22.8 22.6 22.6 22.6	ek and Ko ondition: ature, °C b 22.9 22.7 22.8 22.6 22.6 22.6	Lau Wa Sunny Dissolve a 3.94 3.84 4.02 3.76 3.85	d Oxygen b 3.96 3.82 3.94 3.72 3.90	n, mg/L Average 3.95 3.83 3.86 3.88 3.88 3.88 #DIV/0!	Dissolve a 5.73 5.66 5.82 5.58 5.63	Ambien d Oxygen b 5.69 5.68 5.85 5.61 5.72	nt Tempera n, % Average 5.7 5.7 5.7 5.7 5.7 5.8 #DIV/0!	ature, °C: Salinity, a 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04	1.26 1.10 1.13	Tide State: Average 1.11	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0	Jed Solids, m Deg Ave 1	0.5 0.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Sampling: Time 10:00 9:45	28/11/2005 Sea Condition samll wave samll wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8 8	Vong She Veather C 22.9 22.7 22.8 22.6 22.6 22.6 22.8	ek and Ko ondition: turre, °C b 22.9 22.7 22.8 22.6 22.6 22.6 22.8	Lau Wa           Sunny           Dissolve           a           3.94           3.84           4.02           3.76           3.85           3.75	d Oxygen b 3.96 3.82 3.94 3.72 3.90 3.94	n, mg/L Average 3.95 3.83 3.86 3.88 3.88	Dissolve           a           5.73           5.66           5.82           5.58           5.63	Ambiel d <u>Oxyge</u> b 5.69 5.68 5.85 5.85 5.61 5.72 5.82	nt Tempera n, % Average 5.7 5.7 5.7 5.7 5.8	ature,°C: Salinity, a 35.4 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04 1.04	NTU         b           0.85         1.26           1.10         1.18           1.13         1.19	Tide State: Average 1.11	Mid-Ebb	Jed Solids, m Dep Ave 1 1	0.5 0.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 M MW2 M MW2 M CW1 S CW1 S CW1 M CW1 B	Sampling: Time 10:00 9:45 10:10	28/11/2005 Sea Condition samIl wave samIl wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 1.5 1.5	Vong She /eather C 22.9 22.7 22.8 22.6 22.6 22.6 22.8 22.8 22.8	ek and Ko ondition: turre, °C b 22.9 22.7 22.8 22.6 22.6 22.6 22.8 22.8 22.8	Lau Wa Sunny Dissolve a 3.94 4.02 3.76 3.85 3.75 3.80	d Oxygen b 3.96 3.82 3.94 3.72 3.90 3.94 3.79	n, mg/L Average 3.95 3.83 3.86 3.88 3.88 3.88 #DIV/0!	Dissolve a 5.73 5.66 5.82 5.58 5.63 5.73 5.63	Ambiel d Oxygen b 5.69 5.68 5.61 5.72 5.82 5.82 5.82	nt Tempera n, % Average 5.7 5.7 5.7 5.7 5.7 5.8 #DIV/0!	ature,°C: <u>Salinity</u> a 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04 1.04 1.32	T NTU b 0.85 1.26 1.10 1.18 1.13 1.19 0.94	Tide State: Average 1.11 1.13 1.12	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0 6.4 9.8	Jed Solids, m Dep Ave 1 1	0.5 0.3 6.4	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 S	Sampling: Time 10:00 9:45 10:10	28/11/2005 Sea Condition samIl wave samIl wave	Overall Depth, m 4 9 3	W Sampling Depth,m 1 3 1 4.5 8 8 1.5 1 1 5	Vong She (eather C 22.9 22.7 22.8 22.6 22.6 22.8 22.8 22.8 22.8 22.8	ek and Ko ondition: b 22.9 22.7 22.8 22.6 22.8 22.8 22.8 22.8 22.8 22.8	Lau Wa Sunny Dissolve a 3.94 4.02 3.76 3.85 3.75 3.80 3.95	d Oxyger b 3.96 3.82 3.94 3.72 3.90 3.94 3.99 3.99	n, mg/L Average 3.95 3.83 3.86 3.88 3.85 #DIV/0! 3.88	Dissolve a 5.73 5.66 5.63 5.63 5.63 5.63 5.75	Ambiei d Oxygei b 5.69 5.68 5.61 5.72 5.82 5.61 5.61 5.81	nt Tempera Average 5.7 5.7 5.7 5.7 5.8 #DIV/0! 5.7	ature, °C: <u>Salinity</u> , a 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04 1.04 1.04 1.32 1.10	T NTU b 0.85 1.26 1.10 1.18 1.13 1.19 0.94 1.15	Tide State: Average 1.11 1.13 1.12	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0 6.4 9.8 11.0	Jed Solids, m Dep Ave 1 1	0.5 0.3 6.4	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW1 B CW1 B CW2 S CW2 M	Sampling: Time 10:00 9:45 10:10 9:55	28/11/2005 Sea Condition samIl wave samIl wave	Overall Depth, m 4 9 3 10	V Sampling Depth,m 1 3 1 4.5 8 1.5 1.5 1 5 9	Vong She (eather C 22.9 22.7 22.8 22.6 22.6 22.8 22.8 22.8 22.8 22.8	ek and Ko ondition: b 22.9 22.7 22.8 22.6 22.8 22.8 22.8 22.8 22.8 22.8	Lau Wa           Sunny           Dissolve           a           3.94           3.94           3.84           4.02           3.76           3.75           3.80           3.95           3.75	d Oxyger b 3.96 3.82 3.94 3.72 3.90 3.94 3.79 3.99 3.74	n, mg/L Average 3.95 3.83 3.86 3.88 3.85 #DIV/0! 3.88	Dissolve a 5.73 5.66 5.63 5.63 5.63 5.63 5.75	Ambiei d Oxygei b 5.69 5.68 5.61 5.72 5.82 5.61 5.61 5.81	nt Tempera n, % Average 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7	ature, °C: <u>Salinity</u> , a 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04 1.04 1.04 1.32 1.10	T NTU b 0.85 1.26 1.10 1.18 1.13 1.19 0.94 1.15	Tide State: Average 1.11 1.13 1.12	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0 6.4 9.8 11.0 9.6	Jed Solids, m Dep Ave 1 1	0.5 0.3 6.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 10:00 9:45 10:10 9:55	28/11/2005 Sea Condition samII wave samII wave samII wave samII wave	Overall Depth, m 4 9 3 10 cygen Mete	V Sampling Depth,m 1 3 1 4.5 8 1.5 1.5 1 5 9	Vong She Veather C 22.9 22.7 22.7 22.8 22.6 22.6 22.6 22.8 22.8 22.8 22.8	ek and Ko ondition: tature, °C b 22.9 22.7 22.8 22.6 22.6 22.8 22.8 22.8 22.8 22.8	Lau Wa Sunny Dissolve a 3.94 4.02 3.76 3.85 3.75 3.80 3.95 3.75	d Oxyger b 3.96 3.82 3.94 3.72 3.90 3.94 3.79 3.99 3.74 Calibrati	n, mg/L Average 3.95 3.83 3.86 3.88 3.88 3.88 #DIV/0! 3.88 3.75	Dissolve a 5.73 5.66 5.63 5.63 5.63 5.63 5.75	Ambiel d Oxygen b 5.69 5.63 5.61 5.72 5.82 5.61 5.81 5.60	nt Tempera n, % Average 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7	ature, °C: <u>Salinity</u> , a 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	26 ppt b 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	Turbidity a 1.13 1.19 1.29 1.05 1.04 1.04 1.04 1.32 1.10	T NTU b 0.85 1.26 1.10 1.18 1.13 1.19 0.94 1.15	Tide State: Average 1.11 1.13 1.12 1.18	Mid-Ebb Suspend 10 11.0 8.8 12.0 10.0 6.4 9.8 11.0 9.6 By:	Jed Solids, m           Deg           Ave           1	0.5         0.5           0.3         6.4	Remarks

Thermometer:

EM 6167

Project:	Contract I	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429			
Date of S	Sampling:	30/11/2005		<u> </u>	/eather C	ondition:	cloudy				Ambie	nt Tempera	ature,⁰C:	25		T	Fide State:	Mid-Floo	bd		
Station Time Sea Overall Sampling Temperature, °C Dissolved Oxygen, mg/L Dissolved Oxygen, % Salinity, ppt Turbidity, NTU										Suspended Solids, mg/L Remarks											
		Condition	Depth, m		а	b	а	b	Average	а		Average	а	b	а	b	Average		[	Depth Average	
MW1 S				1	22.8	22.8	4.07	4.01	55.6	55.9	55.0	35.4	35.4	1.26	1.18		12.0				
MW1 M		samll wave	5						4.04			55.8					1.16			11.0	
MW1 B				4	22.8	22.8	3.93	3.93	3.93	55.6	55.8	55.7	35.4	35.4	1.15	1.04		10.0			
MW2 S				1	22.9	22.9	3.89	3.92	3.86	55.5	55.4	56.0	35.4	35.4	1.07	1.36		11.0			
MW2 M		samll wave	11	5.5	22.8	22.8	3.86	3.76	3.80	56.4	56.6	56.0	35.5	35.5	0.93	1.10	1.14	12.0		10.4	
MW2 B				10	22.8	22.8	3.69	3.66	3.68	53.4	54.1	53.8	35.5	35.5	1.25	1.11		8.2			
CW1 S				1	22.9	22.9	3.93	3.97	3.95	56.3	55.9	56.1	35.4	35.4	1.09	1.29		9.0			
CW1 M		samll wave	4						5.55			50.1					1.22			10.5	
CW1 B				3	22.8	22.8	3.67	3.74	3.71	53.8	54.4	54.1	35.4	35.4	1.15	1.33		12.0			
CW2 S				1	22.9	22.9	3.91	3.88	3.92	55.8	55.4	55.8	35.4	35.4	1.24	1.17		8.4			
CW2 M		samll wave	10	5	22.8	22.8	3.95	3.95	0.02	56.2	55.9	55.6	35.5	35.4	1.15	1.06	1.19	8.4		9.3	
CW2 B				9	22.8	22.8	3.72	3.80	3.76	55.3	54.8	55.1	35.4	35.4	1.30	1.19		11.0			
Equipment	used:	Dissolved Oxygen Meter:			EM 6167 Calibration Check:					<u>    100</u> 100%:					Sampled	By:	Pong				
		Turbidity Meter:			EM 2365 Calibration Check:				<u>10.8</u> NTU					Checked	By:	Raymond	Dai				
		Salinity Meter:			EM 6167 Calibration Check:					35.6 ppt					Date:			7/12/2005			
		Thermomete	r:		EM	6167															
Project:	Contract I	No. CV/2004/0	02 Recons	truction of V	Vong She	k and Ko	) Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	Ltd.		Job No.:	J429			
-		No. CV/2004/0 30/11/2005			Vong She			n Public	Piers			Kin Shing					Job No.: Fide State:		_		
Date of §						ondition:	Sunny					nt Tempera		26		1		Mid-Ebb	_	, mg/L	Remarks
Date of S	Sampling:	30/11/2005		Sampling	/eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	26		1		Mid-Ebb	ded Solids	, mg/L Depth Average	Remarks
Date of S	Sampling:	30/11/2005 Sea	Overall	Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L Average	Dissolve	Ambie d Oxyge	nt Tempera n, % Average	ature,⁰C: Salinity,	26 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of S	Sampling:	30/11/2005 Sea	Overall	N Sampling Depth,m	/eather C	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L	Dissolve a	Ambier d Oxyger b	nt Tempera	ature,°C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station MW1 S	Sampling:	30/11/2005 Sea Condition	Overall Depth, m	N Sampling Depth,m	/eather C	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,°C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of S Station MW1 S MW1 M	Sampling:	30/11/2005 Sea Condition	Overall Depth, m	Sampling Depth,m	Veather Contraction Contractio	ondition: ature, °C b 23.1	Sunny Dissolve a 3.85	d Oxyge b 3.82	n, mg/L Average 3.84 3.78	Dissolve a 53.8	Ambien d Oxygen b 54.1	nt Tempera Average 54.0 52.9	ature, °C: Salinity, a 35.5	26 ppt b 35.5	Turbidity a 1.14	, NTU b 0.91	Fide State:	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of S Station MW1 S MW1 M MW1 B	Sampling:	30/11/2005 Sea Condition	Overall Depth, m	Sampling Depth,m 1 3	Veather C a 23.0 22.8	ondition: ature, °C b 23.1 22.9	Sunny Dissolve a 3.85 3.77	d Oxyge b 3.82 3.79	n, mg/L Average 3.84	Dissolve a 53.8 52.6	Ambien d Oxygen b 54.1 53.2	nt Tempera n, % Average 54.0	ature, °C: Salinity, a 35.5 35.4	26 ppt b 35.5 35.4	Turbidity a 1.14 1.35	, NTU b 0.91 1.22	Fide State:	Mid-Ebb Suspend 10.0 12.0	ded Solids	Depth Average	Remarks
Date of S Station MW1 S MW1 M MW1 B MW2 S	Sampling:	30/11/2005 Sea Condition samll wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	/eather C a 23.0 22.8 23.0	ondition: ature, °C b 23.1 22.9 23.0	Sunny Dissolve a 3.85 3.77 3.76	d Oxyge b 3.82 3.79 3.67	n, mg/L Average 3.84 3.78	Dissolve a 53.8 52.6 52.8	Ambiei d Oxygei b 54.1 53.2 53.3	nt Tempera Average 54.0 52.9	ature, °C: Salinity, a 35.5 35.4 35.4	26 ppt 35.5 35.4 35.4	Turbidity a 1.14 1.35 1.08	, NTU b 0.91 1.22 1.15	Average	Mid-Ebb Suspend 10.0 12.0 7.4	ded Solids	Depth Average 11.0	Remarks
Date of S Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling:	30/11/2005 Sea Condition samll wave	Overall Depth, m 4	V Sampling Depth,m 1 3 3 1 5	/eather C Tempera 23.0 22.8 23.0 22.8	ondition: ature, °C b 23.1 22.9 23.0 22.8	Sunny Dissolve a 3.85 3.77 3.76 3.85	d Oxyge b 3.82 3.79 3.67 3.84	n, mg/L Average 3.84 3.78 3.78 3.73	Dissolve a 53.8 52.6 52.8 52.8 54.6	Ambieu d Oxygeu b 54.1 53.2 53.3 53.3 54.0	nt Tempera Average 54.0 52.9 53.7 53.6	ature, °C: Salinity, a 35.5 35.4 35.4 35.4	26 ppt 35.5 35.4 35.4 35.4	Turbidity a 1.14 1.35 1.08 1.17	0.91 0.91 1.22 1.15 1.20	Average	Mid-Ebb Suspend 10.0 12.0 7.4 12.0	ded Solids	Depth Average 11.0	Remarks
Date of S Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling:	30/11/2005 Sea Condition samll wave	Overall Depth, m 4	V Sampling Depth,m 1 3 3 1 5	/eather C Tempera 23.0 22.8 23.0 22.8	ondition: ature, °C b 23.1 22.9 23.0 22.8	Sunny Dissolve a 3.85 3.77 3.76 3.85	d Oxyge b 3.82 3.79 3.67 3.84	n, mg/L Average 3.84 3.78 3.78	Dissolve a 53.8 52.6 52.8 52.8 54.6	Ambieu d Oxygeu b 54.1 53.2 53.3 53.3 54.0	nt Tempera n, % Average 54.0 52.9 53.7	ature, °C: Salinity, a 35.5 35.4 35.4 35.4	26 ppt 35.5 35.4 35.4 35.4	Turbidity a 1.14 1.35 1.08 1.17	0.91 0.91 1.22 1.15 1.20	Average	Mid-Ebb Suspend 10.0 12.0 7.4 12.0	ded Solids	Depth Average 11.0	Remarks
Date of S Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling:	30/11/2005 Sea Condition samll wave samll wave	Overall Depth, m 4	V Sampling Depth,m 1 3 1 5 9	Veather C Tempera 23.0 22.8 23.0 22.8 22.8 22.8	ondition: ature, °C b 23.1 22.9 23.0 22.8 22.8 22.8	Sunny Dissolve a 3.85 3.77 3.76 3.85 3.71	d Oxyge b 3.82 3.79 3.67 3.84 3.75	n, mg/L Average 3.84 3.78 3.78 3.73	Dissolve a 53.8 52.6 52.8 54.6 53.3	Ambien d Oxygen b 54.1 53.2 53.3 54.0 53.8	nt Tempera Average 54.0 52.9 53.7 53.6	ature, °C: Salinity, a 35.5 35.4 35.4 35.4 35.4 35.5	26 ppt 35.5 35.4 35.4 35.4 35.5	Turbidity a 1.14 1.35 1.08 1.17 1.28	, NTU b 0.91 1.22 1.15 1.20 1.04	Average 1.16 1.15	Mid-Ebb Suspend 10.0 12.0 7.4 12.0 11.0	ded Solids	Depth Average 11.0 10.1	Remarks
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Thermometer:



Appendix E

Monitoring Schedule - Upcoming month

## CEDD Construction No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Water Quality Monitoring Schedule Environmental Monitoring Schedule December 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
					WQM <sup>3</sup>	
					(Ebb: 12:26)	
					(Flood: 16:43)	
4	5	6	7	8	9	10
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 14:20)		(Ebb: 16:38)		(Ebb: 18:20)	
	(Flood: 9:34)		(Flood: 11:31)		(Flood: 13:19)	
11	12	13	14	15	16	17
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 9:28)		(Ebb:11:12)		(Ebb: 12:14)	
	(Flood: 15:37)		(Flood: 16:57)		(Flood: 17:52)	
18	19	20	21	22	23	24
	2		2		2	
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 01:07)*		(Ebb: 15:31)		(Ebb: 03:34)*	
	(Flood: 9:22)		(Flood: 10:54)		(Flood: 12:19)	
25		27	28	29	30	31
	Public Holiday	Public Holiday				
			WQM <sup>3</sup>		WQM <sup>3</sup>	
			(Ebb: 9:57)		(Ebb: 11:30)	
			(Flood: 15:04)		(Flood: 15:51)	

Notes:

1. WQM - water quality monitoring on mid-flood and mid-ebb tides at Wong Shek (CW1, CW2, MW1 & MW2)

2. WQM - water quality monitoring on mid-flood and mid-ebb tides at Ko Lau Wan (CK1, CK2, MK1, MK2, MK3 & MK4)

3. WQM - water quality monitoring on mid-flood and mid-ebb tides at Ko Lau (CK1, CK2, MK1, MK2, MK3 & MK4) and Wong Shek (CW1, CW2, MW1 & MW2))

\* There will be no sample collection at Mid-ebb tides, due to site inactive during the mid-ebb period



#### CONTRACT NO: CV/2004/02

#### RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

#### ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (KO LAU WAN)

- NOV 2005 -

#### CLIENT:

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**CERTIFIED BY:** 

Raymond Dai Senior Environmental Scientist

DATE:

7 Feb 2006

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	Fax No.	2897 5509	
At Daymood Dai	Date	13 January 2	2006
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From Joseph Poon		2729 7858	
Mr. Simon Fok (Kin Shing Con. Co. Ltd.)	- Fax No.	Harry & Harry	ALL Providence ( ) all ( ) } *********************************
Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko L Monthly EM&A Summary Report	au Wan Public	Piers	u)]][=====100177====600177====600177===600177=
	ALAB CONSULTANTS LIMITED lopment Centre Telephone : +852 eet, 17 M.S. Castle Peak Road, Telefax : +852 ien Mun, N.T., Hong Kong. Email : mcl@ SSAGE I normal / I urgent Lam Environmental Services Mr. Raymond Dai Joseph Poon Mr. Simon Fok (Kin Shing Con. Co. Ltd.) Contract No. CV/2004/02 Paconstruction of Wong Shek and Ko L	ALAB CONSULTANTS LIMITED         lopment Centre       Telephone : +852-24508233         eet, 17 M.S. Castle Peak Road,       Telefax : +852-24506138         Jen Mun, N.T., Hong Kong.       Email : mcl@fugro.com.hk         SSAGE       FAXEL         In normal / I urgent       Ref. No.         Lam Environmental Services       Ref. No.         Mr. Raymond Dai       Date         Joseph Poon       No. of Pages         Mr. Simon Fok (Kin Shing Con. Co. Ltd.)       Fax No.         Contract No. CV/2004/02       Fax No.         Paconstruction of Wong Shek and Ko Lau Wan Public       Fax No	ALAB CONSULTANTS LIMITED         Telephone : +852-24508233         Telephone : +852-24508233         Telephone : +852-24506138         telefax : +852-24506138         Email : mcl@fugro.com.hk         SSAGE         I normal / I urgent         Lam Environmental Services       Ref. No.       MCLF1359         Mr. Raymond Dai       Date       13 January 2         Joseph Poon       No. of Pages       1         Mr. Simon Fok (Kin Shing Con. Co. Ltd.)       Fax No.       2729 7858         Contract No. CV/2004/02       Paconstruction of Wong Shek and Ko Lau Wan Public Piers

We refer to the November Monthly EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 10 January 2006 and are pleased to confirm we have no comment on the reports.

Should you require further information, please feel free to contact us.

Best regards,

Joseph Poon Independent Environmental Checker

JP/cy

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# EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for Nov 2005 under Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers. This report presents the environmental monitoring and auditing (EM&A) findings based on data and information recorded from the period  $1^{st}$  to  $30^{th}$  Nov 2005 for the construction of Ko Lau Wan Public Pier.

# Construction Activities for the Reported Period

During this reporting period, the principal work activities at Ko Lau Wan Pier include:

• Construction of main piles

# Water Quality Monitoring

26 water quality monitoring events in terms of turbidity, dissolved oxygen, suspended solids, temperature, and salinity was carried out at MK1, MK2, MK3, MK4, CK1 and CK2 at Ko Lau Wan.

Fluctuations for dissolved oxygen, turbidity and suspended solids resembled those fluctuations at the control stations which indicated that all the exceedances in water quality monitoring were due to natural phenomena and agreed with the changes in the control stations. Causation due to construction activities is unlikely and there were no valid exceedance for this reporting period.

# Waste Management

4.8m<sup>3</sup> inert C&D materials was disposed of at Tseung Kwan O Area 137 public filling area while 6m<sup>3</sup> general refuse was disposed of at SENT landfill. No chemical waste was transported off site in this reported period.

### Complaints, Notifications of Summons and Successful Prosecutions

There was no complaints, notification of prosecutions or summons in this reporting period.



### Site Inspections and Audit

5 site inspections were conducted by the Environmental Team (ET) in this reported period. An audit by the Independent Environmental Checker (IEC) was conducted on 8 Nov 2005 with the Engineers' Representative and the Environmental Team. Major observations by the ET, actions by the Contractor and outcome are summarized in the following table.

Item	Date	Observations	Action taken by Contractor	Outcome
-	4-Nov	No particular finding	-	-
-	8-Nov	No particular finding	-	-
-	16-Nov	No particular finding	-	-
-	25-Nov	No particular finding	-	-
-	30-Nov	No particular finding	-	-

### Future Key Issues

The tentative works activities, predicted impacts and areas of environmental concern for the coming reporting month are summarized in the following table.

Construction Works	Predict Impacts	Proposed Mitigation Measures
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>
Erection of temporary unloading point	Noise	<ul> <li>Avoid concurrent noisy Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> </ul>
Erection of falsework for installation of precast units	Noise, Waste	<ul> <li>Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> <li>No littering in land or sea</li> </ul>
Pile loading test	Noise	Avoid concurrent noisy operation during lifting operation



1

# INTRODUCTION

# 1.1 SCOPE OF THE REPORT

Lam Environmental Services (LAM) has been appointed to work as the Environmental Team (ET) for Kin Shing Construction Company Limited to implement the Environmental Monitoring and Audit (EM&A) programme for the Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers.

This report presents the environmental monitoring and auditing work carried out from the period 1<sup>st</sup> to 30<sup>th</sup> Nov 2005 for the construction of Ko Lau Wan Public Pier in accordance to Section 26 of the Particular Specification, Project Profile (PP-191/2003) and Environmental Permit (EP-186/2004) for this Project.

The following information relating to this project is documented in the EM&A Manual and, to avoid duplication, it is not presented in detail within the monthly report.

- Event-Action Plans;
- Full set of environmental mitigation measures and;
- Contracted environmental requirements.

# 1.2 STRUCTURE OF THE REPORT

- **Section 1** *Introduction* details the scope and structure of the report.
- Section 2 *Project Background* summarizes background and scope of the project, site description, project organization and contact details of key personnel, construction programme and works undertaken during the reporting period.
- Section 3 *Implementation Status* summarizes the status of Environmental Permits / Licenses, implementation of environmental protection and pollution control / mitigation measures in an updated schedule for the reporting period.
- Section 4 *Monitoring Requirements* summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency and programmes.



- Section 5 *Monitoring Results* summarizes the monitoring results obtained in the reporting period.
- Section 6 Compliance Audit summarizes the auditing of monitoring results, all exceedances environmental parameters.
- Section 7 Site Inspection and Audit summarizes the findings of weekly site inspections and independent audit undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.
- Section 8 Complaints, Notification of Summons and Prosecution summarizes the complaints, notification of summons and successful prosecution for breaches of environmental legislation and the actions taken within the reporting period.
- Section 9 *Future Key Issues* summarizes the upcoming works and a forecast of the environmental impact and monitoring schedule for the next reporting period.
- Section 10 Conclusion



# 2 PROJECT BACKGROUND

### 2.1 SCOPE OF THE PROJECT AND SITE DESCRIPTION

The works mainly comprise demolition of the existing piers and construction of reinforced concrete piers with roof covers at Ko Lau Wan. The construction of the Project is scheduled to commence in November 2004 for completion in September 2006. The construction period is 630 days for the entire construction.

The site layout plan is shown in *Figure 2.1*.

# 2.2 PROJECT ORGANIZATION AND CONTACT PERSONNEL

Civil Engineering Office of Civil Engineering and Development Department is the project proponent. The organization chart for the EM&A programme is attached in <u>Appendix A</u>.

Under the organization chart, Resident Engineer, Contractor, Independent Environmental Checker, Environmental Team are appointed to manage and control environmental issues for the construction phase of CV/2004/02. Overall responsibilities and duties of the team are found in the corresponding EM&A Manual. Key personnel and contact particulars are summarized in *Table 2.2*:

# Table 2.2 Contact Details of Key Personnel

Post	Name	Contact No.	Contact Fax	Mobile No.
Resident Engineer	David C S Leung	2760 5737	2714 2054	9630 1235
Site Agent	Simon Fok	2729 6779	2729 7858	6010 8730
Independent Environmental Checker (IEC)	Joseph T L Poon	2452 7140	2450 6138	9450 1968
Environmental Team Leader (ETL)	Raymond Dai	2975 3300	2897 5509	9738 0738

### 2.3 CONSTRUCTION PROGRAMME AND WORKS

Major construction works at Ko Lau Wan Pier carried out during this reporting period are:

Construction of main piles

The master construction programme is given in *Figure 2.3*.



### 3 IMPLEMENTATION STATUS

### 3.1 STATUS OF REGULATORY COMPLIANCE

A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in *Table 3.1*.

### Table 3.1 Cumulative Summary of Valid Licences and Permits

Permits and/or Licences	Reference No.	Issued Date	Expiry Date	Status
Environmental Permit	EP-186/2004/A	28-04-2005	-	Issued on receipt of VEP-171/2005 dated 14-04-2005
Waste Producer Registration	WPN5213-742- K1081-05	12-05-2005	-	Notified
Construction Noise Permit	-	-	-	No valid CNP granted to the Contractor

### 3.2 IMPLEMENTATION OF POLLUTION CONTROL / MITIGATION MEASURES

The contractor implemented various environmental mitigation measures as recommended in the Particular Specification and the Environmental Permit. The implementation schedule is presented in *Appendix B*.



# 4 MONITORING REQUIREMENTS

Locations of environmental monitoring stations are referred in Figure 4.1.

# 4.1 WATER QUALITY MONITORING

The brief for EM&A works details 6 designated stations to be monitored during the construction period comprising 4 monitoring stations and 2 control stations. These stations have been coded as MK1, MK2, MK3, MK4, CK1 and CK2 respectively.

# Table 4.1aWater Quality Monitoring Stations

Station	HK Metric Grid (Easting / Northing)	Description
MK1	855 212.850E / 835 496.101N	Impact Monitoring
MK2	855 158.643E / 835 539.315N	Impact Monitoring
МКЗ	855 170.762E / 835 401.962N	Impact Monitoring
MK4	855 108.767E / 835 402.196N	Impact Monitoring
CK1	854 822.145E / 835 428.000N	Control during mid-ebb
CK2	854 996.976E / 835 675.135N	Control during mid-flood

### Monitoring Methodology

Measurements were be taken under two tidal conditions (mid-flood and mid-ebb) at 3 water depths, namely 1m below the water surface, mid-depth and 1m above the seabed, except where the water depth is less than 6m, the mid-depth sample may be omitted. If the water depth is less than 3m, only the mid-depth will be monitored.

Replicate in-situ measurements and samples were collected from each independent sampling event are required for all parameters to ensure a robust statistical interpretable dataset.



Water quality parameter in terms of: dissolved oxygen (mg/L and % saturation), salinity (ppt), turbidity (NTU), and suspended solids (mg/L) were measured in-situ with portable instruments. Other relevant data was also recorded, including the following:

- monitoring station and position;
- time;
- depth of water;
- tidal status;
- water temperature;
- weather conditions including ambient temperature;
- any special phenomena or activities at the construction site.

For the measurement of dissolved oxygen the probe shall be removed from the water column between each duplicate measurement. If the difference between each duplicate measurement is greater than a 25% then the two sets of data shall be rejected and the measurements re-taken.

Suspended solids (SS) were determined in the laboratory at Chai Wan managed by Lam Environmental Services Ltd.

### Monitoring Equipment

- Sample Bottles: Samples were kept in high density polythene bottles, packed in ice and cooled to 4°C or below, without being frozen, for delivery to the laboratory as soon as possible after collection.
- Thermometer: A standard certified laboratory mercury thermometer with an accuracy of at least 0.5°C was employed, calibrated against a certified thermometer of 0.1°C scale. This thermometer was employed for measuring both ambient and water temperatures.
- Depth Detector: As the depth of water being sampled was generally shallow, too shallow to allow for the use of an echosounder, a marked depth gSepe was employed to determine water depth at all designated monitoring stations.

All in-situ monitoring equipment shall be checked, verified and calibrated by Lam laboratory at Chai Wan, a HOKLAS accredited laboratory, prior to use on the Works and subsequently thereafter every three months throughout all stages of the water quality monitoring. Responses of the sensors and electrodes shall be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter shall be carried out before measurement.



For in-situ calibration of field equipment, the BS 1427: 1993 "Guide to Field and on-site test methods for the analysis of waters" shall be observed.

A set of backup monitoring instruments and equipment shall be made available so that the monitoring can proceed uninterrupted in case of apparatus malfunction or if equipment has been returned to the laboratory for calibration.

Current calibration certificates are presented in <u>Appendix C</u>.

# Laboratory Analysis

All samples are returned to the laboratory at Chai Wan for the determination of SS under a QA / QC scheme inclusive of blank, duplicate and spike recovery analysis under the requirement of HOKLAS. The laboratory test procedures conform to "Standard Methods for the Examination of Water and Wastewater" published by American Public Health Association (APHA) and United State Environmental Protection Agency (USEPA) test methods are summarized in *Table 4.3b*.

# Table 4.1b Laboratory Test Procedures

Parameter	Methodology	Method Ref.	Detection Limit
SS	Determination of Total Suspended Solids Dried at 103-105°C	APHA 19 <sup>th</sup> Ed. 2540D	2.0 mg/L



#### 4.2 MONITORING PARAMETERS AND FREQUENCY

Water quality monitoring programme has been scheduled according to the requirements stipulated in the EM&A Manual produced for the Project summarized in *Tables 4.2*.

#### Table 4.2Water Quality Monitoring Parameters and Frequencies

Station(s)	Parameter	Frequency
MK1, MK2 MK3, MK4 CK1, CK2	DO, Temperature, Salinity, Turbidity, Suspended Solids, Water Depth	For piling or demolition works 3 days per week at mid-flood and mid-ebb For marine works other than piling or demolition works 1 day per week at mid-flood and mid-ebb

#### 4.3 WATER QUALITY CRITERIA

Water quality criteria were determined prior to the commencement of the construction of the project for the purpose of impact monitoring. Various levels established based on the results of baseline monitoring and the Event Action Plan stipulated in the EM&A Manual are summarized in *Tables 4.3*.

#### Table 4.3 Action and Limit Levels for Water Quality Monitoring

Parameter	Action Level	Target Level
Dissolved Oxygen (Surface, Middle & Bottom)	<u>Surface &amp; Middle</u> For Ko Lau Wan – 6.90	<u>Surface &amp; Middle</u> For Ko Lau Wan – 6.79
	<u>Bottom</u> For Ko Lau Wan – 6.75	<u>Bottom</u> For Ko Lau Wan – 5.63
Turbidity (depth- averaged)	For Ko Lau Wan – 1.25 or 120% of upstream control station's Tby at the same tide of same day, whichever is lower	For Ko Lau Wan – 1.60 or 130% of upstream control station's Tby at the same tide of same day, whichever is lower
Suspended Solids (depth-averaged)	For Ko Lau Wan – 6.30 or 120% of upstream control station's SS at the same tide of same day, whichever is lower	For Ko Lau Wan – 6.87 or 130% of upstream control station's SS at the same tide of same day, whichever is lower

#### Note:

- 1. "Depth-averaged" is calculated by taking the arithmetic means of reading all three depths.
- 2. For Dissolved Oxygen, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- 3. For Turbidity and Suspended Solid, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.
- 4. All the figures given in the table are used for reference only and the Engineer may amend the figures whenever it is considered as necessary.



### 4.4 MONITORING PROGRAMME

Environmental monitoring programme for this reporting period was carried out in accordance with the required monitoring frequency. The actual completion of monitoring work during the reporting period is presented in *Tables 4.4*.

# Table 4.4Environmental Monitoring Programme – Nov 05

No.	2005	Water Quality (DO, Turbidity, SS)	Site Inspection
NOV	2005	MK1, MK2, MK3, MK4, CK1, CK2	
1	Tue		
2	Wed	X	Х
3	Thu		
4	Fri	X	Х
5	Sat		
6	Sun		
7	Mon	X	
8	Tue	X	X (w/ IEC)
9	Wed		
10	Thu		
11	Fri	X	
12	Sat		
13	Sun		
14	Mon	X	
15	Tue		
16	Wed	Х	Х
17	Thu		
18	Fri	X	
19	Sat		
20	Sun		
21	Mon	Х	
22	Tue		
23	Wed	Х	
24	Thu		
25	Fri	Х	Х
26	Sat		
27	Sun		
28	Mon	X	
29	Tue		
30	Wed	X	Х

Note:

• X: Monitoring conducted

• Schedule is formulated and with consideration of statutory holidays (shaded in the table).



# 5 MONITORING RESULTS

# 5.1 WATER QUALITY MONITORING RESULTS

Water quality monitoring was carried out on 24 occasions at stations MK1, MK2, MK3, MK4, CK1 and CK2. Calculated water quality monitoring results in this reporting period are reviewed and summarized in **Tables 5.1a and 5.1b**. Details of measured and tested results can be referred in <u>Appendix D</u>. Graphical trend is presented in <u>Figure 5.1a – 5.1h</u>.

### Table 5.1a Water Quality Monitoring Results (mid-flood tide) – Nov 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MK1	4.77	4.42	1.18	9.0
MK2	4.83	4.43	1.29	8.6
MK3	4.71	4.39	1.20	8.4
MK4	4.76	4.33	1.30	9.9
CK1	4.75	4.39	1.24	9.6
CK2	4.69	4.26	1.24	10.4

### Table 5.1b Water Quality Monitoring Results (mid-ebb tide) – Nov 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MK1	4.87	4.46	1.26	8.9
MK2	4.89	4.54	1.21	9.8
MK3	4.75	4.34	1.29	9.2
MK4	4.65	4.35	1.28	9.5
CK1	4.74	4.47	1.19	9.2
CK2	4.84	4.36	1.27	9.5

### 5.2 WASTE MONITORING RESULTS

4.8m<sup>3</sup> inert C&D materials was disposed of at Tseung Kwan O Area 137 public filling area while 6m<sup>3</sup> general refuse was disposed of at SENT landfill. No chemical waste was transported off site in this reported period.



# 6 COMPLIANCE AUDIT

Results of the calculated water quality results for various are audited against the water quality levels and the number of exceedances are summarized **Tables 6.1a and 6.1b**. Exceedances caused by natural phenomena namely fluctuation of overall water quality by comparing the graphical trends of monitoring and control stations are eliminated in order to identify the valid exceedance due to construction activities.

# Table 6.1a Summary of Water Quality Exceedance (mid-flood tide) – Nov 05

Station	Averaged DO Surface & Middle	Averaged DO Bottom	Averaged Turbidity	Averaged Suspended Solids
MK1	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK2	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK3	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK4	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)

# Table 6.1b Summary of Water Quality Exceedance (mid-ebb tide) – Nov 05

Station	Averaged DO Surface & Middle	Averaged DO Bottom	Averaged Turbidity	Averaged Suspended Solids
MK1	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK2	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK3	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)
MK4	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)	0 (AL); 0 (LL)

As shown in the graphical trend, the observed trends and exceedances in dissolved oxygen at MK1, MK2, MK3 and MK4 resemble the fluctuations to the respective control stations, possibly due to variation in water current or tidal effect.

The observed exceedance for turbidity and suspended solids are respectively around within 0.75 NTU and 10 mg/L, indicating the fluctuation could possibility due to the natural variation around the small values of turbidity and suspended solids, possibly due to water current or tidal interference.

To conclude, the fluctuations for dissolved oxygen, turbidity and suspended solids resembled those fluctuations at the control stations which indicated that all the exceedances in water quality monitoring were due to natural phenomena and agreed with the changes in the control stations. Therefore, causation due to CV/2004/02 construction activities is unlikely and there were no valid exceedance for this reporting period.



7

# SITE INSPECTION AND AUDIT

The ET undertook site inspection at least once a week. Monthly joint audit was undertaken by the IEC, the ETL, the Engineer and the Contractor.

The ET carried out 5 inspections during this reporting period. An audit was undertaken by the IEC on 8 Nov 2005. The results of these inspections and outcomes are summarized in *Table 7*.

### Table 7 Summary of Environmental Inspection and Audit – Nov 05

Item	Date	Observations	Action taken by Contractor	Outcome
-	4-Nov	No particular finding	-	-
-	8-Nov	No particular finding	-	-
-	16-Nov	No particular finding	-	-
-	25-Nov	No particular finding	-	-
-	30-Nov	No particular finding	-	-



8

### COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

No complaint, inspection notice, notification of summons or prosecution was received in this reporting period. Complaint log, summaries of cumulative complaints and successful prosecutions are presented in *Table 8a*, *Table 8b*, *Table 8c* and *Table 8d* respectively.

#### Table 8aEnvironmental Complaints Log

Complaint Log No.	Date of Receipt	Received From and By	Nature of Complaint	Date investigated	Outcome	Date of Reply and to Whom
-	-	-	-	-	-	-

#### Table 8b Cumulative Statistics on Complaints

Environmental Parameters	Cumulative No. Brought Forward	No. of Complaints This Month	Cumulative No. Project-to-Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-

### Table 8c Cumulative Statistics on Successful Prosecutions

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Prosecutions this month (Offence Date)	Cumulative Number to Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-

#### Table 8c Cumulative Statistics on Notification of Summons

Environmental Parameters	Cumulative No. Brought Forward	No. of Successful Summons	Cumulative Number to Date
Air	-	-	-
Noise	-	-	-
Water	-	-	-
Waste	-	-	-
Total	-	-	-



# 9 FUTURE KEY ISSUES

The scheduled construction activities and the recommended mitigation measures for the coming month are listed below. The proposed monitoring schedule for the coming reporting period is detailed in *Appendix E*.

# Table 9 Construction Activities and Recommended Mitigation Measures – Dec 2005

Construction Works	Predict Impacts	Proposed Mitigation Measures
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>
Erection of temporary unloading point	Noise	<ul> <li>Avoid concurrent noisy Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> </ul>
Erection of falsework for installation of precast units	Noise, Waste	<ul> <li>Avoid concurrent noisy operation during timber and steel preparation</li> <li>Material and waste to be stored properly</li> <li>No littering in land or sea</li> </ul>
Pile loading test	Noise	Avoid concurrent noisy     operation during lifting     operation



# 10 CONCLUSION

The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed in the previous EM&A Report were made in response to changing circumstances.

No exceedance due to construction activities was reported in routine environmental monitoring. Such results indicate that the construction operation generally performed reasonably acceptable against environmental auditing criteria.

In summary, environmental mitigation measures are being satisfactorily implemented within the CV/2004/02 project along with the on-going construction activities.



Figure 2.1

Location Plan

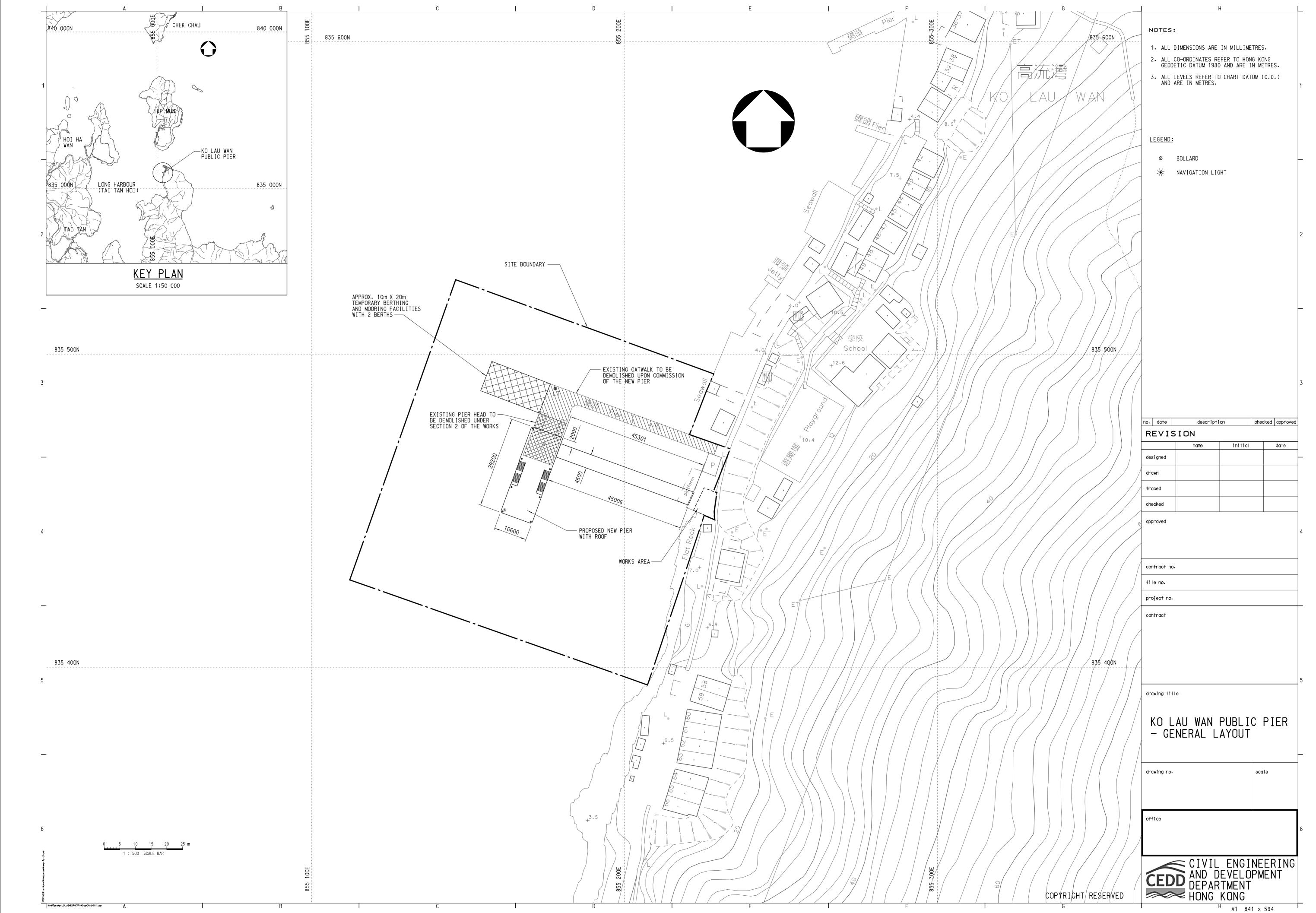




Figure 2.3

Master Construction Programme

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Servicing during maintenance period	364 days	Mae 06/8/7 Sun 02/3/5	a			r
	l day	Мов 07/8/6 Мов 07/8/5	. u			
Secondary Office	582 days	Maa 05/1/3 Mea 06/8/7			n (V)um	UDISANAS ATTAKA MANANASA DA MANANASA NA KANASA MANANASA MANANASA MANANASA MANANA
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Preparation and approval of baseline report	21 days	Sat 05/2/5 Pri 05/2/25	29	1 (K	1	in transmits
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Post construction manifering	28 days	Mon 06/8/7 Snut 06/9/3	51,110,202			
Section 1 (Wong Shek Public Pler)					10 10	
Temporary cover to existing pier	121 days	Man 04/11/15 Tac 05/3/15		34 (V) HUVE		
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	Piling		40 days	Wod 05/3/16	Stut 05/4/24	34,29,23,41,38					42 3	000000000000000000000000000000000000000	a :	10
		and installation of fenders	25 days	-Mon 05/4/25	Thu 05/5/19	φ	·····		5			- 43	inams	
3	Relocation of navi	adion light by Marine Dapt.	66 days	Wed 05/3/16	Pri 05/5/20						H (W)	No. of Concession, Name		÷
		Maxine Department	65 days	Wed 05/3/16	Thu 05/5/19	· • • • • • • • • • • • • • • • • • • •					45 [2]	100000000000000000000000000000000000000	ATT232222222222	- 020
5366	Relocution wo		L day	Pri 05/5/20	Fri 05/5/20	13,45							46 5	- 242. - 144
		esting and commissioning of berth	5 days	Sat 05/5/21	Wed 05/5/25		Contract of the		1	÷			17 221	
	Ground Investigation		110 days	Wed 04/12/29	Sun 05/4/17				48 WASABAARA	0880 - 708		-		-
	Submission for En	승규가 잘 잘 알 수 있는 것을 것 같아요. 그 것 같아요. 나는 것 같아.	59 days	Wed 04/12/29	Pri 05/2/25				2000		14.532	1 ~		1
	Ground uncetigati		20 days	Sat 05/2/26	Thu 05/3/17	(2,14,75		12	in production		LO EURAXOZANDI	8 B	18 1	
	Preparation and ap		10 days	Fri 05/3/18	Suct 05/3/27	38		17			1 31	1325.	- 45	
	- 1070 (S. 1070) (S. 1070)	arts and determine pile founding levels	21 days	Mon 05/3/28	Sin1 05/4/17	9	encoste 🕴					S2 PERTENDEN	l	
	Colling for permanent	nier	282 days	Sat 05/1/1	Sun 05/10/9				53 ( <b>*</b> MUMININ				In the second second second	
		thod statement for pring	33 daya	Sat 05/1/1	Wed 05/2/2		and the second		M FEIDENTE	En la sector		1		
	Submission for Er		112 days	The U5/2/3	Wed 05/5/25	······			. An Address	and a second second second	121212222222222		***************	
8	Vertical prelimina		15 days	Thu 05/5/26	1hu 05%69	47,52,55,327	++++				1		36 3	E i
£		nving land plant (E1, H4, E2, H2)	30 days	Toe 05/6/28	Wed 05/7/27		Carlas, Michael		1	8		1		Lao I
1		(A11, B8, B11, C8, C11, D8, D11)	18 days	Sun 0546/19	Wed 05/7/6	128						2.74	1	
2	Temporary platfor		21 days	'Thu 05/3/7	Wed 05/7/27	18	encenning (S				8.9	3	1	8
2		(remaining 14 uos.)	35 days	Thu 05/7/7	Wed 05/8/10				1			1	1	12
		y piles and testing (B10)	15 days	Thu 05/7/28	Thm 05/8/11	\$2,30	and d		1	-45	1 I I I I I I I I I I I I I I I I I I I			
1			44 days	Fri 05/8/12	Sat 05/9/24	64								84
2	Ralang main piles		15 days	Sun 05/9/25	Sun 05/10/9	63	· · · · · · · · ·					4		
t	Pile test for main	Construction of the second	A second second			allanna.			1					12
1	Construction of pile		212 days	Fri 05/6/10	Sat 06/1/7	51 G. B.S				1	11月 日			1
		aproval of precast yard	61 daya	Fri OSite I U	Tue 05/8/9						8 B			
Ι.,		units at precast yard	61 days	Wed 05/8/10	Sun 05/10/9				1			3	1	
85	erm-tertied.	recking of falsework for pile cap and deck	62 days	Sun 05/7/10	Fri 05/9/9	1			1	1			1	
	Submission of cal	eplation and method statement for	30 days	Sat 0.5/9/ J0	Sen 05/10/9	62		÷1				2	1	1
	Erection of talsee	al roll, for installation of precast units.	20 days	Man 05/10/10	Sat 05/10/29	08,63		11 10		1				
115		11111111111111111111111111111111111111			******		and the second	terminate of the		····				des.
a ara No	0.0002004002	Kerni Tak (RRSTRING)	I Pragress	1	Sterning	4 - V	(V) BRABBARK (V)	Childal Tada (Sep 1 & 2)	800038339253	Crisicial Trak (Sec 2)	ND771223	825		
derities	ganette Version 21	Sulit	Commencement		40.004	en Milenaue	*	Ontical Tests (See 1)	27/1/22/228	(white and the second se	THERE	1221		

teco	tract No.: CV/2004/02 instruction of Wong Shek and lau Wan Public Plers			Mas	(Version 2)					Comme C Pi	n Shing Con ncement Da completion I cogramme D	te: 15th N Jate: 6th A Jate: 21st F	ov 200 ug 200 eb 200
n î	Task Mein:	Dection	\$°m	FIRES	Prodecessacs		TH TH	Day U.S. Turs Turs	vo wolwalwiziwisiw,	NG M	u Joint Joint	22 32 33 929 105 10 25 10 25 10	tas In la de live
= 1	Installation of precast units with in-situ pile caps	60 days	Mon 05/30/10	Thu 05/12/8	56,68,63	10.03969.06903011	WALCOURTS.	10341 500 351 881	2010/2011/02/0122012	1	-		(CA) serve
	Cashing of in-situ pier deck	30 days	Fri 05/12/9	Sat 06/1/7	70,78		1	1		11	1		
	Construction of bollards	30 days	Fri 05/12/9	Sat 06/1/7	η						3	100	3
¥ į	Installation of corresion monitoring system	91 days	Sun 05/10/9	Sat 06/1/7	A. 4010444 - 1000000000	1		1					13
	Approval of specialist contractor and method statement	61 days	Sun 05/10/9	Thu 05/12/8								1.5	1
1	Installation of convision monitoring system	30 days	Fri 05/12/9	Sal 06/L/7	76,74	1		1	1	10		1.15	1 3
	Roof over system	272 days	Tue 05/8/9	Sun 06/5/7	*****			<b>B</b>				1	
4	Approval of sporialist contractor	61 days	Tue 05/8/9	Sat 05/10/8				i i			1		11
e i	Naturaission of weekshop drawings for connection details with	61 days	Sen 05/10/9	Thu 05/12/8				i.		10		0	
	deck	town Michael						ŝ.					
10	Material submissions	91 days	Son 05/10/9 Son 05/10/9	Sat 06/1/7 Sat 06/1/7		- 1		5		143		1.2	
46    -	Submission of weakshop drawing for remaining roof system	91 days	in a concernance and			1 1		1		1		1 R	
1	Construction of steel works	60 days	Sun 06/1/8	Wed 06/3/8	71,80,79	1			1	1		1 ÷	
24	Erection, of mod covers	fill days	Thu 05/3/9	Sun 06/5/7	aı			義			1 - BL	1.0	1
1	Murrying-in to bandside	121 days	Wed 06/3/8	Thu 06/7/6		1	53				1		1
t, r	Application of Excavation Permit	90 days	Wed 06/3/8	Mon 06/6/5	1	2	8		÷	1 1 1 1	1 A -	1	
*	Site works	31 days	Tue 06/6/6	Thu 06/7/6	84,31	1					12 B. 1		1
÷.	Electrical system, CLP meter box and lighting system	220 daşs	Mon 05/10/10	Wed 06/5/17		1				1	1.0	1	
. T.	Approval of specialist contractor	30 days	Mon 05/10/10	Tue 05/11/8	Start III ION-D	1	19		1		1		
e. *	Leason with CLP and EMSD	60 days	Wed 05/11/9	Sat 06/1/7	87	-				\$ at	1		
10	To stallation	120 days	Sun 0fx1/8	Sup 06/5/7	71,86	1			ł.	÷ 8			
έc.	Testing.	10 days	Man 06/5/8	Wed 06:5/17	30				1		1		
能型	Construction of floor finish	121 days	Wed 06/3/8	Thu 06/7/6			2		8	1			
6	Adaterial aubenissiona	61 days	Wed 06/3/8	Sun 06/5/7					5			12	
n i	Silie works	60 days	Mott 06/5/8	Thu 06/7/6	42.92		5	1.2	1		÷	22 23	
* 1	Construction of hand railing seating beaches and notice	150 days	Tue 06/2/7	Thu 66/7/6					d3			13.	
. !·	boards Material subsuission	60 days	Tas: 06/2/7	Fri 06/4/7	a management of		- 1	1	1			E.	
3	Construction	90 days	Sal 05/4/8	Tini 05/7/6	1139			1	3	3.1			
1.	Installation of fender system	190 days	Thu 05/12/29	Thu 06/7/6	• •	1	1	:		11			
w -	Material submission	31 days	Thu 05/12/29	Sat 06/1/28	· · · · · · · · · · · · · · · · · · ·	- 3	E.						
35	Ordering of meterial	59 days	San D6/1/29	Tite 06/3/28	199	-					1		
en:	Sine works	LCG days	Wed 06/3/29	Thu D6/7/6	71,99	1	8			<b>目</b> 月			
int.	Relucations of navigation light by Marine Dept.	92 days	Fri 06/4/7	Fri 86/7/7			4	8		11			
175	Application to Marine Department	91 daya	Fci 0644/7	Thu 06/7/6							20 0		
1				L	a - (a) - (- (- (- (- (- (- (- (- (- (- (- (- (	-					1	· II	
	Koron Test. [1521219222223	Dummer		Summary		mara	Tuk Bort & 95	Keeggesegeseg	Critical Task (Sec 2)	111792	3115		
l'ann à Mart	Programmer Vasian 31	Pogena			0.0000000000	1997 (1998 (1997 (							
1986	Split	Commancement	Hileatorg	Campleli	or. Mileston	Cinical	Trak (See 1)	Manalla	Mainenince Perind	Willia:	11112		

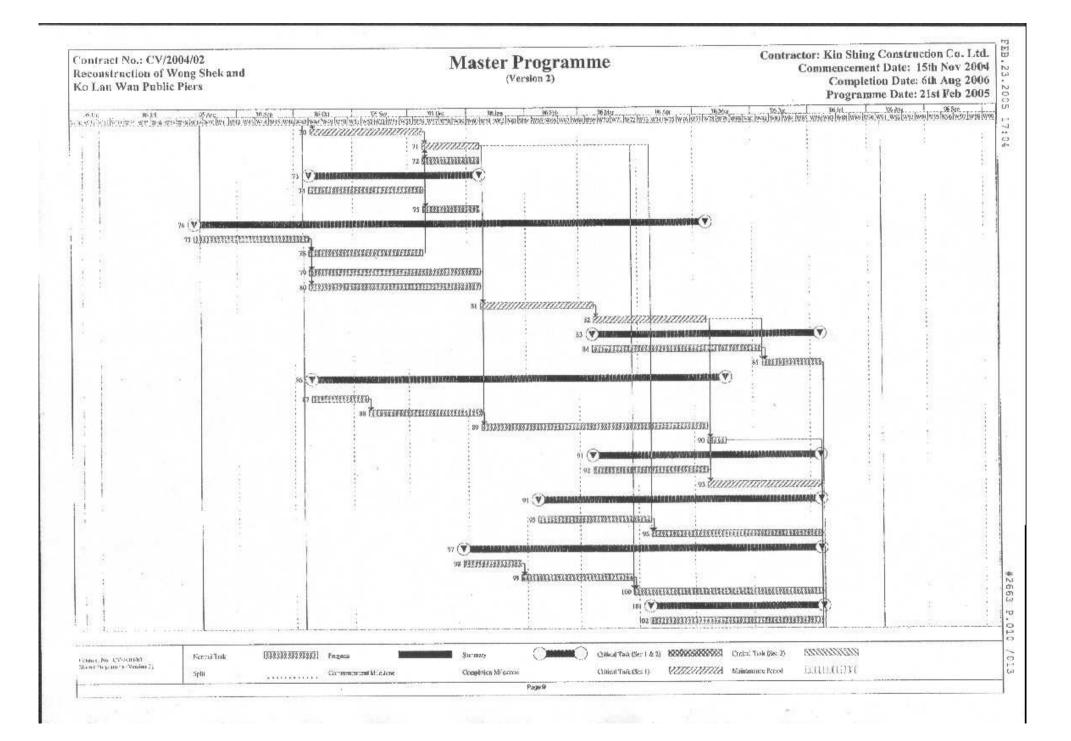
Reco	ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers			Mas	ter Progra (Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 20
1 -	T44, N980.	Diastica	Stact	Pins'-	Parlancestre	vij Soz. Soz Soz. Vij Soz. Vij Soz. Vij Soz. Vij Soz. Soz. Soz. Soz. Soz. Soz. Soz. Soz.
	Relocation	1 day	Fyi 06/7/7	Fri 06/7/7	105,93,91,81,169,96	
r _	Commissioning of the pier	1 day	Sat 06/7/8	Sat 96/7/8	iny	
IS .	Demodition of the temporary berth and the existing pier	151 days	Thu 06/3/9	Sam 06/8/6		
6 ±	Survey of axisting structures	31 days	Thu 06/3/9	Sac 06/4/8	COMPANY CONTRACTOR	
+1-	Design and ICH checking of demolitions plan	61 days	Sun 06/4/9	Thu 0646/8	105	
	Submission for Engineer's commonts	30 days	Fri 06/6/9	Sat 06/7/8	109	
1.1	Obtain consent from Country and Marine Park Authority	30 days	Fri 06/6/9	Sat 06/7/8	LOT	
2	Domohinsu	29 days	Sam 06/7/9	Sun 06/8/6	194,109,168	
	Ministenance Period for the Works	365 days	Maa 06/8/7	Mon 07/8/6	110	
	ction 2 (Ku Lun Wan Public Pier)					
Œ	Cural Survey	626 days	Mon 04/11/15	Wed 86/8/2		
	Sole system and approval of specialist and method statement	73 days	Mon (4/11/15	Wed 05/1/26	****	
	Initial costs survey and approval by APCD	18 days	Site 05/2/20	Wed 05/3/9	104.25	
	Coral transforation	4 days	Thu 05/3/10	Sun 05/3/13	115	115 (\$\$\$\$\$\$\$\$
	Post irginalogation survey	4 days	Mon 05/3/14	Thu 05/3/17	146	116 (\$\$)
	Post pice construction survey	15 days	Wed 06/7/19	Wed 06/8/2	397	H1 13
	Temporary cover to existing pice	123 days	Mon 04/11/15	Thu 05/3/17		
	Design and ICE checking	66 days	Mon 04/11/15	Wed 05/1/19		
	Suberissian for Engineer's continent	30 daya	Thu 05/1/20	Fci 05/2/18	120	10/02/02/02/02/02/02/02/02/02/02/02/02/02
0	Greation	23 days	Sat 05/2/19	Snt 05/3/12	121	121 1221 1221 1221
4	Certified by ICE and commissioning	5 days	Sun 05/3/13	Thu 05/3/17	122	121 (53)
	Provision of responsivy berth	247 days	Mon 0411/15	Tue 05/7/19		124 🐨 RANGAMARANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
	Design and ICE checking of temporary betth	BO days	Mon 04/11/15	Wed 05/2/2		125 (HENSTEINGIGGE) THEORY MILLION PARTICIPATION OF A STATE OF
80	Submission for Engineer's commont	81 days	Tho 05/2/3	Sun 05/4/24	125	126 ТИХИЧИНИЦИНИЦИНИЦИНИЦИНИЦИНИЦИНИНИНИНИНИНИН
1	Filing (phase 1)	31 days	Mon 05-4/25	Wed 05/5/25	123.126,117,23,30.25,42	127 2017530556622283
	Piling (Phase 2)	9 days	Fri 05:6/10	Sat 05/6/16	56	
5	Deck construction and installation of fenders	25 daya	Sun 05/6/19	Wed 05/7/13	178	
199	Relocation of sprighting light by Marine Dept.	81 days	Man 05/4/25	Thu 05/9/14		
	Application to Marine Department	છે હવુના	Mon 05/4/25	Wed 05/7/13		THE FORMER FORMER FOR THE FORME FOR THE FORMER FOR THE FORME
ć i	Relocation works	1 day	Thu 05/7/14	Thu 05/7/14	139,331	
	Cartified by ICE, texting and commissioning of benth	S days	Eri 05/7/15	Tue 05/7/19	112	
	Denselition of part of the existing pier	115 duys	Man 05/4/18	Wed #5/8/10		134 (Yanatana and a second a s
15	Survey of existing cructures	31 days	Mon 05/4/18	Wed 05-5/18		1.5. 101303031303130313031
2×	Design and ICT checking of demolition plun	32 days	The 05/5/19	San 05/6/19	.13A	15 <u>Å111</u>
u+) 73	Normal Tax DESCRIPTION	Rogen	-	Summer	CARBAR	111121212122 5 555 11 10 12 12 12 12 12 12 12 12 12 12 12 12 12
astri D	ngrarme (Verrio) 7) Split	Concernoners	Milisten	Cruolotia	n Milesone	Contrast Task (Sec. 1) 272272222722 Minintersion Period COUNTERCOV

leco	ract No.: CV/2004/02 astruction of Wong Shek and an Wan Public Piers			Mas	(Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 2
6 I.	TaitHaw	Durcko	Stat	Finish	Hadaxssan	Miller Miller (Miller) (Mi
×-	Submission for Engineer's comments	30 days	Mout 05/6/240	Tue 0.5/7/19	136	wiled willer (ed. wither felting) will all a will a felting state of a traditional states and second second sta
κ, I	Liaison with local residents	30 days	Mon 05/6/240	Тие (15/7/19	135	
ы	Denshing	22 days	Wed 05/7/20	Wed 05/8/10	133,138,197	
<b>3</b> 6	Granad investigation	129 days	West 04/12/29	Fri 05/5/6	······································	1-11 (V DOODSSALASSALASSALASSALASSALASSALASSALAS
ii)	Submission for Engineer's commont	68 days	Wed 04/12/29	Son 05/3/6		(4) <u>####################################</u>
ż	Ground investigation works on sile	20 days	Fri 05/3/18	Wed 05/4/6	141.36,117	142 18237522828
ι¥.	Preparation and approval of reports	10 days	Tho 05/4/7	Sut 05/4/16	942	143 ( <b>ਇੱ</b> ਡਣੇਸ਼)
	Submission of reports to determine pile founding levels	20 daya	Sun 05/4/17	Eni 05/5/6	H3	144 (EREIKERERE)
8	Pilling for permanent pior	342 days	_ Sat 05/1/1	The 05/12/8		1/5 (* 168910109999884600
5	Compilation of method statement for pilling	33 days.	Sal 05/1/1	Wed 05/2/2	1	146 (22228) 2819 (22222) 241
1	Submission for Engineer's commont	189 days	710 05/2/3	Wed 05/8/10	146	147 <b>2</b> 37999999999999999999999999999999999999
1672) 1973	Vertical preliminary pile and leating	15 days	Thu 05/8/11	Thu 05/8/25	147,139,65,144	
4	Verneal amin piles (EL,E4,D1,D4,C1,C4)	20 days	Fri 05/8/26	Wed 05/9/14	143	
i i	Temporary platform for raking pile	21 days	The 05-9/15	Wed 05/10/5	119	
	Vertical main pile (remaining 15 nos)	45 days	Thu 05-9/15	Sut 05/10/29	125	
	Raking prelictionry piles and testing	Łő duys	The 05/10/6	Fyi 05/10/21	110,62	
1	Roking main piles (remaining 9 nos)	33 days	Sat 05/10/22	Wod 05/11/23	152	
9	Pile tests for main piles	15 days	Thu 05/11/24	Thu 05/12/8	171,133	
51	Construction of plic cap and deck	201 days	Weil 05/8/10	Sun 06/2/26		
41	Submission and approval of precist yard	60 days	Wed 05/8/10	Sat 05/10/8	Recenters I	
1	Custing of precast units, at precast yard	60 days	Mon 05/10/10	12u 05/12/8	156	
-	Design and ICE checking of falsework for pile cap and deck	60 days	Sat 05/9/10	Tue 05/11/8		
м.,	consumation Submission of calculation and anothed statement for Regeneor's approval	30 days	Woll 05/11/9	Thu 05/12.8	158	
10	Election of lidsework for installation of precast units	20 days	Pri 05/12/9	Wed 05/12/28	159,854	
1 **	histallation of precast units with modul pile capa	55 days	Fri 05/12/9	Wed 06/2/1	157,154	
÷.	Casing of marin pier dock	25 days	Thu 06/2/2	Sim 06/2/26	101,144	
3	Construction of bollards	25 days	Thu 06/2/2	Sun 06/2/26	161	
vi	Installation of corrosion monitoring system	85 tlays	Sun 05/12/4	Sam 06/2/26		
\$60	Approval of specialist contractor and method statement	60 days	San 05/12/4	Wed 06/2/1	0.0000000000000000000	
+ +	Jusial arias of concesson moniforing system	25 daya	Thu 06/2/2	Sun 01v2726	141,163	
\$2 <sup>-1</sup>	Construction of villa	110 daya	Pri #6/2/17	Tue 06/6/6		
-	Concrete structure	50 days	Man 06:2/27	Mon 06/4/17	162	
w	Friend	110 days	Fri 06/2/17	Tue 06/5/6		
30	Material submission	60 days	Pri 06/2/17	Man 06/4/17	In the second s second second se second second s	
26	Construction	50 days	Tue 06/4/18	Tue 06466	158.170	
activity Visiter 1	the Chiphicano beauty Tick REPRESENTING	240 C		Sucranezs	(1717)	
	Split	Commencement	Mitcalcas	Campleti	en Milesens Paga S	Chileal Take (see 1) 222/2222223 Minitanese Renod [1111] [[111]]

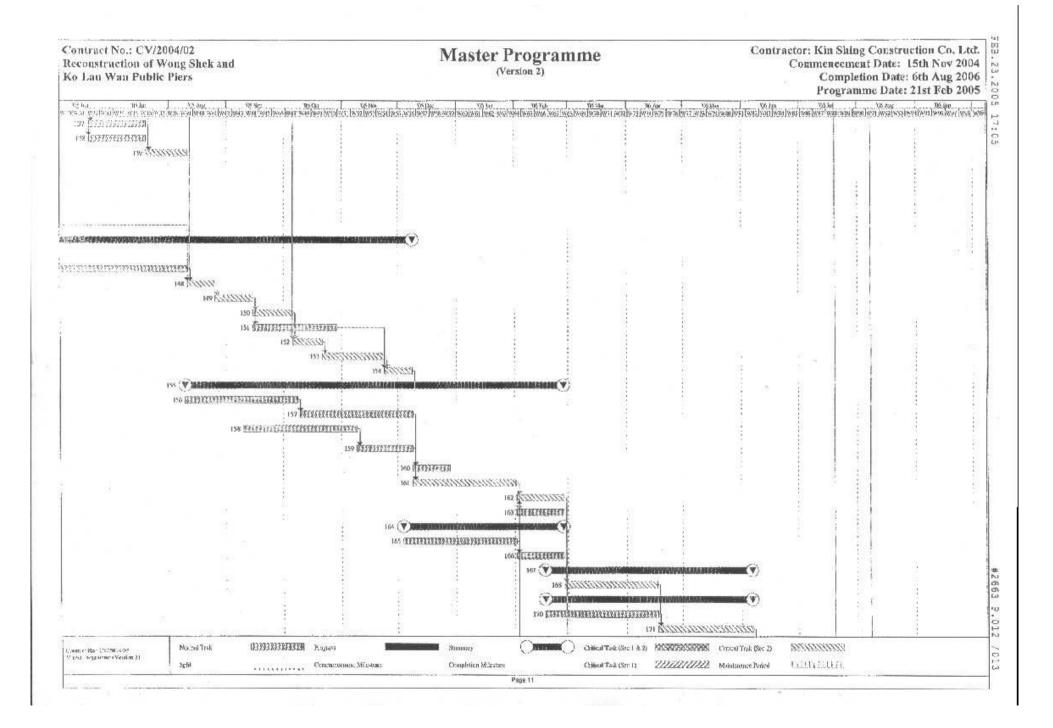
Reco	tract No.: CV/2004/02 Instruction of Wong Shek and Lau Wan Public Piers			Mas	(Version 2	ramme		Contr	Commencem Compl	ng Construction Co lent Date: 15th Nov letion Date: 6th Aug mme Date: 21st Feb	v 20 g 20
11	Tan Hane	Durton	.San	Finish	Pteulegestaors	1. J	1 Dec	10	Ve Mar	to in the state of	ainsi 5
2	Construction of walking cover 1 & 2	245 days	Wed 05/10/5	Tue 06/6/6			93.0293.977.LWFD.957.9	- and the second se	; Attendencesenerseners	1000 JIBB FEASDER: IN CASH 012971	10.54.00
М.	Approval of specialist contractor	60 days	Wed 05/10/5	Sat 05/12/3			68	1	1.0		
	Summassion of workshop drawings for connection details with	60 days	Sun 05/12/4	Wed 06/2/1	177	10 S		Đ	1		
4	deck Material submissions	85 days	Sun 05/12/4	Sun 06/2/26	171		1	1	11		
51	Submission of workshop drawing for remniaing roof system	85 days	Sun 05/12/4	Sun 06/2/26	179	-	1				
	Construction of sicel works	50 days	Moii 06/2/27	Mon 06/4/17	124,142,175	-	1		1 I.		
si.	Frection of roof covers	50 days	Tue 06/4/18	Tue 06/6/6	171		1		1 I.		
N.I.	Electrical system, CLP meter box and lighting system	200 clays	Tue 05/11/29	Frl 06/6/16			1	1			
d.	Approval of specialist contractor	30 days	The 05/11/29	Wed 05/12/28			-	1			
1	Liaison with CLP and EMSD	60 days	The 05/12/29	Sun 06/2/26	100			5			
2 1	lostaflation	100 days	Мон 06/2/27	Tue 06/6/6	162,184	***		i.	1 <sup>30</sup>		
i.	Testing	10 days	Wed 06/6/7	Fri 06/6/16	1.62		12	-	1 1 1		
5	Construction of Boor finish	130 days	Thu 06/3/9	Sun 06/7/16				i.	1		
	Malerial submissions	90 days	Thu 06/3/9	Tac 06-6/6	-			i.			
7	Site works	40 days	Wed 06/6/7	Sun 06/7/16	134,185,171			1			
1	Construction of hand railing, senting benches and notice hourds	(50 days	141 06/2/17	Sun 86/7/16	· · · · · · · · · · · · · · ·						
1	Materral submission	60 days	Pri 06/2/17	Man 06/4/17	-			1		8	
	Centurgation	90 days	Tue 06/4/18	Son 06/7/16	183						
ġ.	Installation of feuler system	190 days	Sun 06/1/8	Sun 86/7/16					1		
	Material submission	31 days	Sun D6/178	Tue 06/2/7				1	-		
1	Ordering of insterial	59 days	Wed 06/2/8	Ini 06/4/7	191			÷			
3	Site werks	100 days	Sat 06/4/8	Stats 06/7/16	192			đ	ŧ		
1	Relocation of navigation light by Marine Dept.	92 days	Mon 06/4/17	Mon 06/7/17				4	1		
	Application to Marine Department	91 days	Mon 06/4/17	Sunt 06/7/16		<u> </u>					
	Relocation	l day	Mon 06/7/17	Mon 06/7/17	113,193,195,396,189			1	4		
1	Commissioning of the pler	1 day	Tue #6/7/18	Tue 06/7/18	126			÷.		1	
	Demolition of the temporary burth and the existing pier	141 days	Sun 06/3/19	Sun 06/8/6					1		
1	Survey to existing structure	31 days	Son 06/3/19	The 064418				1	1	1	
3	Design and ICE checking of demolition plan	őt days	Wed 06/4/19	Sun 06/6/18	195			4		4	
1	Subarission for Engineer's comments	30 days	Men 06/6/19	The 06/7/18	2895				1.0		
-	Eisiaon with local residents	30 days	Mon 06/6/19	Tue 06/7/18	200						
s'i	Demolition	19 days	Wed 06/7/19	Sim 05/8/6	197,702,201				1	1	
	Maintenance Period for the Works	365 days	31on 06/8/7	Alon 17/8/6	203	<u> </u>				1. 	
								NAMES OF STREET	00 00000 1 000 of 000		
	New System New Test	Englas	1102	Supervise	()	Calibrat Task Circ 1 & 2)		Critical Track (Sec. 2)	1221222123		
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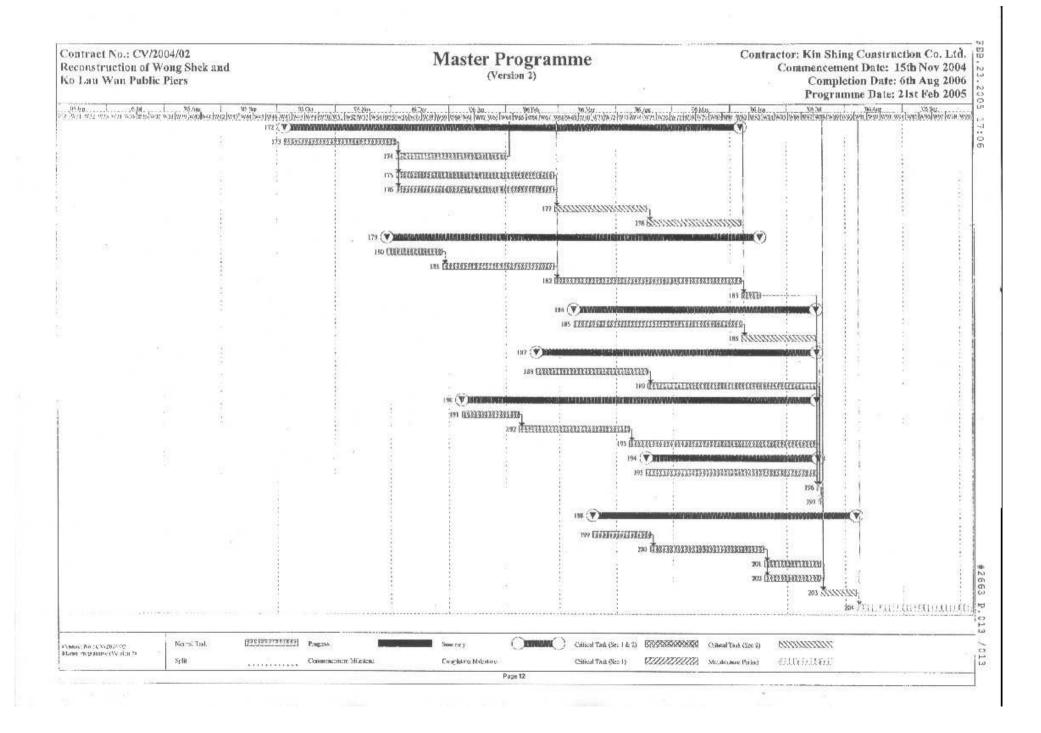




Figure 4.1

Layout of Environmental Monitoring Stations

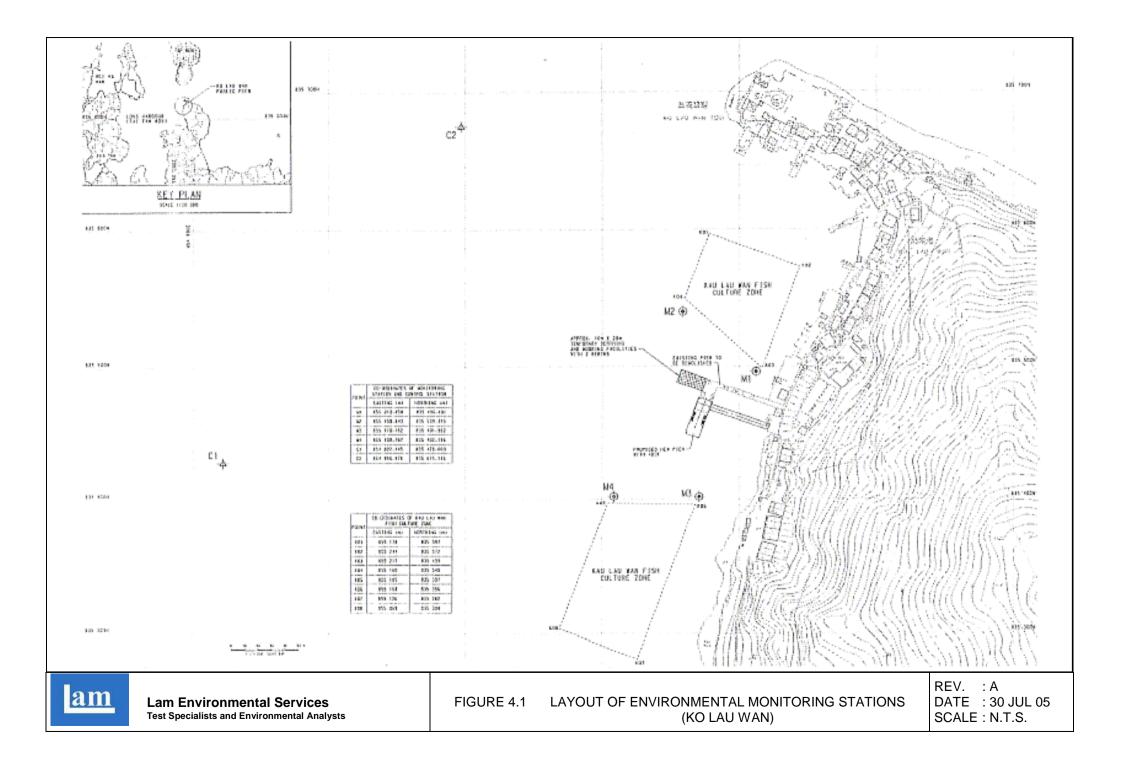
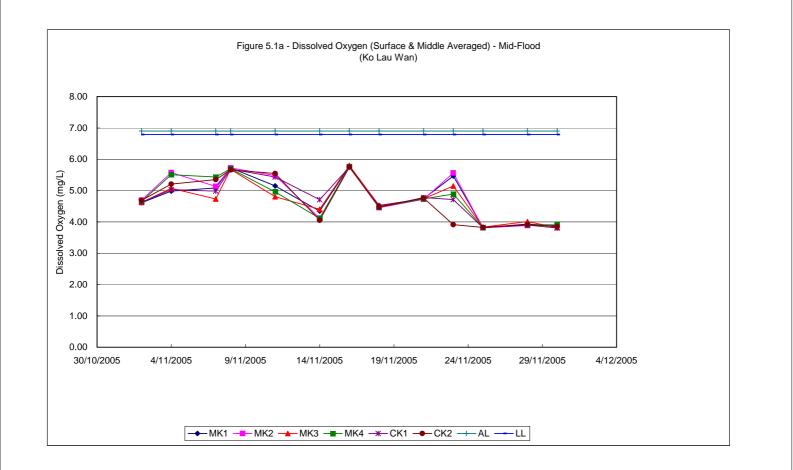
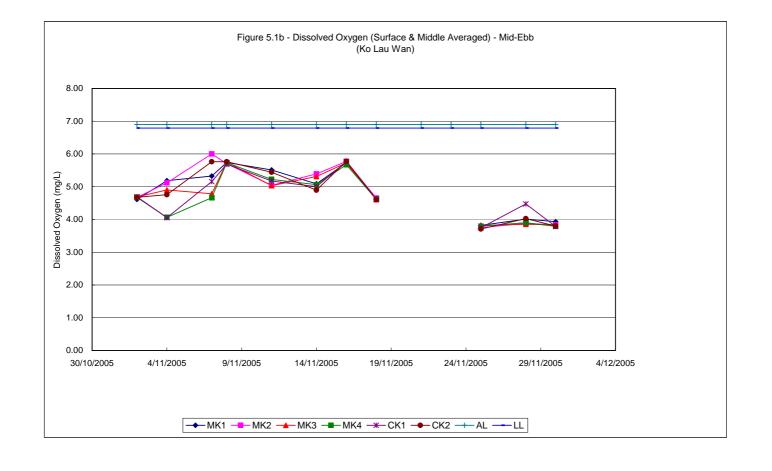


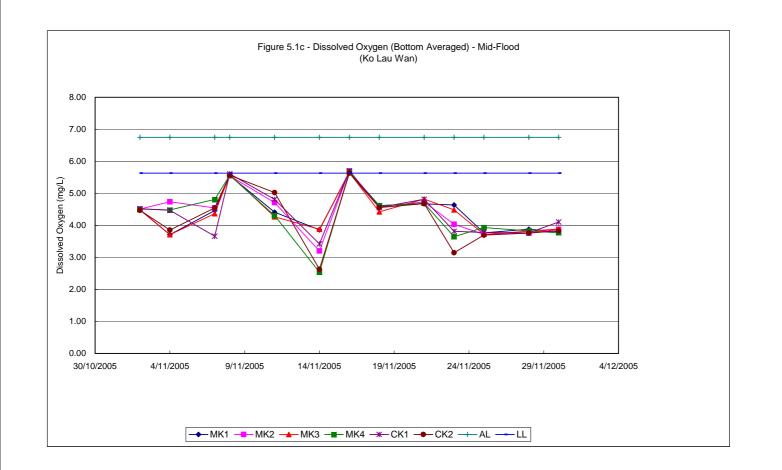


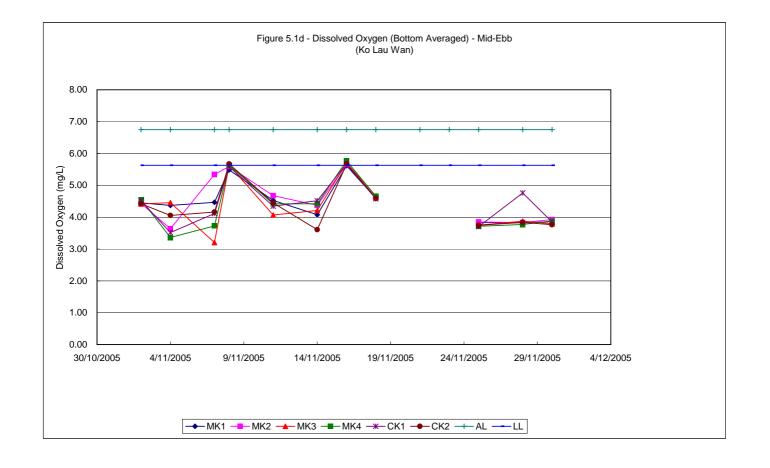
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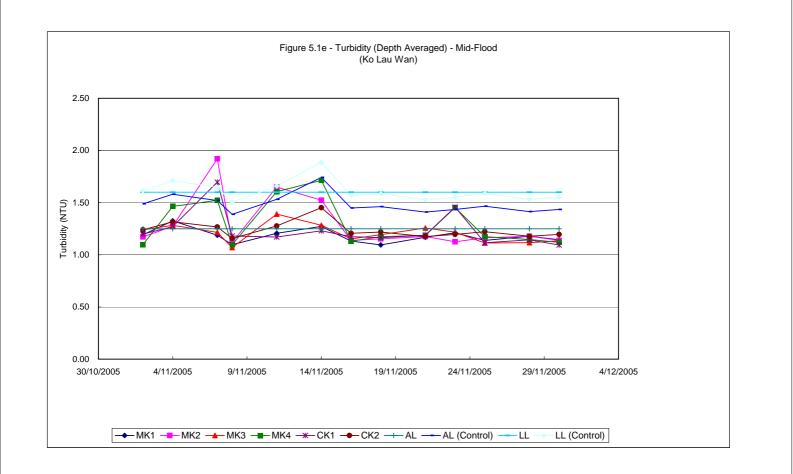
Graphical Plots of Water Quality Monitoring Results

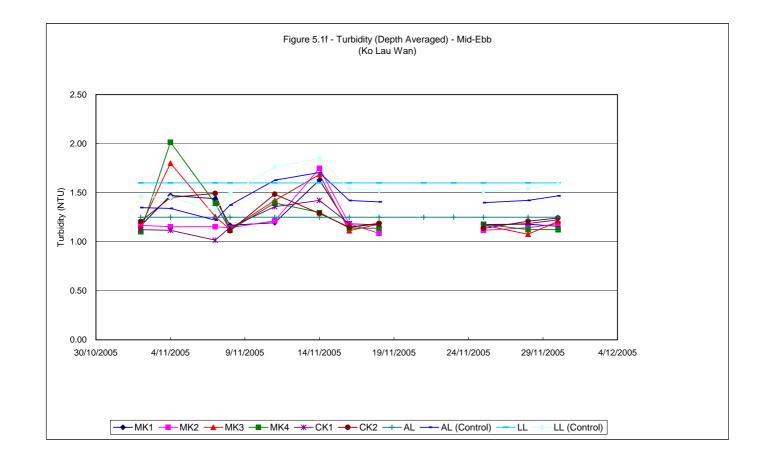














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29/11/2005

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Appendix A

Organization Chart



**Project Proponent Environmental Protection Department Civil Engineering and Development Civil Engineering Office** Mr. David C. S. Leung (Tel: 2760 5737; Fax: 2714 2054; Mobile: 96301235) **Environmental Team** Independent Environmental Checker Lam Environmental Services MateriaLab Consultants Limited Mr. Jason T. L. Poon Mr. Raymond Dai Senior Environmental Scientist Manager (Tel: 2975 3300; Fax: 2897 5509; Mobile: 9738 0738) (Tel: 2452 7140; Fax: 2450 6138; Mobile: 9450 1968)

> Main Contractor Kin Shing Construction Co. Ltd. Mr. Simon Fok Site Agent (Tel: 27296779; Fax: 2729 7858; Mobile: 60108730)



Appendix B

Implementation Schedule of Mitigation Measures

Environmental Aspect	No.	Mitigation Measures	Implementation Status	Follow Up Action(s)
Air Quality	AQ01	Provide a wash-pit or a wheel washing and/or vehicle cleaning facility at the exits.	Not applicable at this stage	-
	AQ02	Provide a hard surfaced road between the wheel washing facilities and any finished road.	Not applicable at this stage	-
	AQ03	No burning of construction wastes or vegetation shall be allowed on the Site.	Implemented	-
	AQ04	In the process of material handling, any material which has the potential to create dust shall be treated with water or sprayed with wetting agent.	Not applicable at this stage	-
	AQ05	Any vehicle with an open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards.	Not applicable at this stage	-
	AQ06	Materials having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	Not applicable at this stage	-
	AQ07	Stockpiles of sand, aggregate and construction and demolition material greater than 20m3 shall be enclosed on three sides, with walls extending above the pile and 2 meters beyond the front of the pile.	Not applicable at this stage	-
	AQ08	Water sprays shall be provided and used both to dampen stored materials and when receiving raw materials.	Not applicable at this stage	-
	AQ09	Clean and water the Site to minimize the fugitive dust emissions.	Implemented	-
	AQ10	Furnace, boiler or other plant or equipment or use any fuel that might in any circumstances produce smoke or any other air pollution should not be installed.	Implemented	-
_	N01	All plant and equipment to be used on Site are properly maintained in good operating condition and noisy construction activities shall be effectively sound-reduced by means of silencers, mufflers, acoustic linings or shields, acoustic sheds or screens or other means to avoid disturbance to any nearby noise sensitive receivers.	Implemented	-
	N02	No excavator mounted breaker shall be used within 125m from any nearby noise sensitive receivers. Use hydraulic concrete crusher whenever applicable.	Implemented	-
	N03	All construction works should stop on Sundays and General Holidays.	Implemented	-
Water Quality	WQ01	Water in wheel washing facilities shall be changed at frequent intervals and sediments shall be removed regularly.	Not applicable at this stage	-
	WQ02	The polluted water from the wheel washing facilities would not be discharged into all existing stream courses/drains and nearby waterbodies.	Not applicable at this stage	-
	WQ03	All existing stream courses and drains within, and adjacent to the Site should be kept free from any debris and any excavated materials arising from the Works	Implemented	-
	WQ04	Chemicals and concrete agitator washings should not be deposited in watercourses.	Implemented	-
	WQ05	The effluent shall comply with the standards stated in the "Technical Memorandum on Standards and Effluent discharges into Drainage and Sewerage Systems, Inland and Coastal Waters" for the appropriate Water Control Zone.	Implemented	-
	WQ06	No spoil or debris of any kind is allowed to be pushed, washed down, fall or be deposited on land or on the seabed adjacent to the Site.	Implemented	-
	WQ07	Maintain any existing site drainage system at all times including removal of solids in sand traps, manholes and stream beds.	Implemented	-
	WQ08	Material from any earthworks should not be washed into the drainage system.	Implemented	-
	WQ09	Silt curtain shall be provided during all demolition works and piling works with the Site.	Implemented	-

### Implementation Schedule of Mitigation Measures - Ko Lau Wan



Environmental Aspect	No.	Mitigation Measures	Implementation Status	Follow Up Action(s)
	WQ10	Silt curtain shall be formed from tough, abrasion-resistant permeable membranes suitable for the purpose, supported on floating booms in such a way as to ensure that the passage of turbid water to the surrounding water shall be restricted.	Implemented	-
	WQ11	No dredging and spoil dumping shall be conducted.	Not applicable at this stage	-
Ecology	E01	Marker buoys shall be set up to indicate the location of the "Coral Exclusion Zone". All working vessels shall be restricted to encroach the "Coral Exclusion Zone"	Implemented	-
	E02	No overloading of the working barges during operation and no movement of the working barges, particularly close to the pier and shallow areas, during low tide should be allowed.	Not applicable at this stage	-
	E03	No coral shall be enclosed by the silt curtain.	Not applicable at this stage	-
Waste	W01	All excavated materials should be sorted to recover the inert portions for reuse on site or disposal to designated outlets.	Implemented	-
	W02	All metals should be recovered on site for collection by recycling contractors.	Implemented	-
	W03	All cardboard and paper packaging should be recovered on site, properly stockpiled in dry condition and covered to prevent cross contamination by other C&D materials.	Implemented	-
	W04	All demolition debris from demolition works should be sorted to recover on site broken concrete, reinforcement bars, mechanical and electrical fittings as well as other building services fittings/materials that have established recycling outlets.	Implemented	-

### Implementation Schedule of Mitigation Measures - Ko Lau Wan



Appendix C

Calibration Certificates for Monitoring Equipment

## Record sheet for calibration of Water Sonde

Item Stock No : $\underline{F, VZ}$ Date of Calibration : $\underline{V}$	A
Temp.: $\underline{}_{2,0}$ Operator : $\underline{}_{2,\ell}$	Signature :
A <u>Temperature Check</u>	
Reference Equipment Used : Mercury-in- Glass th	ermometer Stock No.: (33
Reference Equipment reading : <u>\\$4.() °C</u>	Sonde reading%_0°C
Reference Equipment reading : <u>C</u>	Sonde reading : °C

(Note: Difference between the two readings to be <0.5°C.)

### B DO (% Saturation) Calibration

To be performed in aerated clean sea water before use and checked after use. Difference should be less than 10%.

Laboratory Check

Zero DO check (prepared in clean sea water according to APHA 4500-O G, section 3a.)

probe reading 0.00 %

## C <u>Conductivity (Salinity Calibration)</u>

Standards Used : \_\_\_\_\_ ppt \_\_\_\_ , \_\_\_\_\_ ,

Check Standard : ppt Readout Value : ppt

Difference between readout value and actual value should be less than 3%.

## D <u>Conductivity Calibration</u>

Standards Used : \_\_\_\_\_\_, \_\_\_\_\_, (mS/cm)

Check Standard : Readout Value : (mS/cm)

Difference between readout value and actual value should be less than 2%.

### E <u>Turbidity Calibration</u>

Standards Used : \_\_\_\_\_\_, \_\_\_\_\_, (NTU)

Check Standard : \_\_\_\_\_ Readout Value : \_\_\_\_(NTU)

Difference between readout value and actual value should be less than 10%.

F <u>pH check</u> Standards Used : pH 7.00, pH 10.00. Buffer standard: pH 9.00. QC Check Standard : pH 9.182. Readout Value : pH 9.182.

Difference between readout value and actual value should be +/- 0.03pH unit.

Date : 16 Sunt 016\_\_\_\_ Certified by:

Lam Geotechnics Ltd Environmental Laboratory Procedure IC 51 Version No. : 1 Date : 30 December 2001

# CALIBRATION OF BIOCHEMICAL OXYGEN DEMAND PROBE (BY WINKLER TITRATION)

Equipment No.:  $\underline{H4B} \underline{H44}$ Conducted by :  $\underline{S} \underline{L}$ Checked by :  $\underline{H4B} \underline{H44}$  Calibration Temperature :  $22^{\circ}$ Date : 281905Date : 39-PJ5

(1) Standardization of sodium thiosulphate  $(Na_2S_2O_3)$  solution

	·		1
	Trial 1	Trial 2	
Final Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL			
Initial Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL			-
Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> consumed (O), mL			
Normality of $Na_2S_2O_3$ solution (N), N			ŀ
Average normality of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> solution	0.023		
<i>Calculation</i> : $N = 1/O$	standardized	Lon. 20171	2002

(2) Calibration of DO meter with distilled/deionised water

	Trial 1	Trial 2	Trial 3
Final Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL	10-3 X3	33.8	45.7
Initial Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used, mL	[03]	ב- הר	33,8
Vol. of Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> used (V), mL	12.0	11.5	11.4
Dissolved oxygen,(DO) mg/L	Pri-	7.18	7.05
Average of dissolved oxygen	)	7.085	
DO determined by BOD probe		7.05	
Acceptance criteria, Deviation	Less	than +/- 0.3 mg	g DO/L

Calculation:

 $DO(mg/L) = V \times N \times 7999.7/(300-2)$ 

Cartified by:

\\Lab\Common\Calibration\ICform\Ic51

Lam Geotechnics Ltd Environmental Laboratory Procedure IC 51 Version No. : 1 Date : 30 December 2000

	Trial 1	Trial 2	Trial 3
Final Vol. of $Na_2S_2O_3$ used, mL	20.7	31. J-	GB (1.4
Initial Vol. of $Na_2S_2O_3$ used, mL	10.3	20.7	31.2
Vol. of $Na_2S_2O_3$ used (V), mL	10.4	105	(0.)
Dissolved oxygen,(DO) mg/L	b.41	6.50.	631
Average of dissolved oxygen		6.42.	
DO determined by BOD probe	· · · ·	623.	
Acceptance criteria, Deviation	Less	than +/- 0.3 mg	g DO/L

Calculation:

 $DO(mg/L) = V \times N \times 7999.7/(300-2)$ 

(4) Calibration of temperature compensator

(3) Calibration of salinity compensator [10 ppt or 20 ppt]

	Trial 1	Trial 2
Temperature reading from BOD probe		
Temperature reading from reference thermometer ( )		
Acceptance criteria, Deviation	ance criteria, Deviation Less than +/- 1°C	

(5) Linearity Check of BOD probe

	Reading form BOD probe	Result from Winker Titration
	I Reading form BOD probe	
First point (7 – 9 mg/L)		
Second point (4 - 6 mg/L)		
Third point (1 –3 mg/L)		
Linearity, R		
Acceptance Criteria, R	R > 0.	996

# Record sheet for calibration of Water Sonde

$\mathcal{F}_{\mathcal{A}} \mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A}$ . Item Stock No : Date of Calibration :	28 (9 (55 Procedure Used : <u>IC 34</u>
Temp.: $\gamma$ Operator : $\gamma$	Signature : M

### A <u>Temperature Check</u>

Reference Equipment Used : Me	ercury-in- Glass th	ermometer Stock	No.:	
Reference Equipment reading :	<u>°C</u>	Sonde reading_	yan an ana ang ang ang ang ang ang ang an	°C
Reference Equipment reading :	°C	Sonde reading :		°C
	usedings to be	<0.5°C )		

(Note: Difference between the two readings to be  $<0.5^{\circ}$ C.)

### B DO (% Saturation) Calibration

To be performed in aerated clean sea water before use and checked after use. Difference should be less than 10%.

Laboratory Check

Zero DO check (prepared in clean sea water according to APHA 4500-O G, section 3a.)

probe reading	%		In D.D. calibration
	· · ·	Regnarks:	10 pp.t. stal.
C <u>Conductivity (Salinity</u>	y Calibration)		+ 10.35 ppt
Standards Used :	ppt,	,	
Check Standard : 35.35	ppt Readout Value : 35	25 ppt	
Difference between readout v	value and actual value should b	be less than 3%	ю.

## D Conductivity Calibration

 Standards Used :
 , \_\_\_\_\_\_, \_\_\_\_\_ (mS/cm)

 Check Standard :
 Readout Value :
 (mS/cm)

Difference between readout value and actual value should be less than 2%.

### E Turbidity Calibration

Standards Used :	,	·	(NTU)	
Check Standard :	Readou	t Value :		(NTU)

Difference between readout value and actual value should be less than 10%.



Appendix D

Water Quality Monitoring Results

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 2/11/2005 Weather Condition: Cloudy 26 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Station Sampling Salinity, ppt a b Suspended Solids, Remarks Time Overall mg/L Condition )epth,m Average Average Depth, m verage MK1 S 18:30 1 25.2 25.2 4 69 4.64 68.4 68.3 35.5 35.4 1.44 1.22 5.7 8.0 4.61 67.6 MK1 M 18:31 mid wave 7 3.5 25.0 25.0 4.43 4.69 66.9 66.8 35.2 35.2 1.23 1.10 1.19 6.0 9.0 8.5 4.46 MK1 B 18:33 6 25.0 25.0 4.50 4.48 66.8 65.4 66.1 35.2 35.3 1.06 1.10 8.3 14.0 MK2 S 18:45 1 25.2 25.1 4.65 4.78 67.6 68.4 35.4 35.4 1.08 1.15 8.0 4.70 67.6 MK2 M 18:47 mid wave 16 24.9 4.74 4.61 66.9 67.5 35.2 35.2 1.06 1.17 7.7 7.9 8 25.0 1.36 MK2 B 18:53 15 24.9 24.9 4.53 4.49 4.51 64.7 64.9 64.8 35.2 35.2 1.18 1.20 8.0 MK3 S 18:00 25.2 25.2 4.70 4.67 67.5 68.2 35.4 35.4 1.35 1.16 6.0 1 4.63 67.4 MK3 M 18:01 mid wave 7 3.5 25.1 25.1 4.61 4.52 66.8 66.9 35.2 35.2 1.30 1.08 1.24 7.7 7.9 МКЗ В 6 4.48 4.50 4.49 65.7 35.1 35.1 1.36 18:03 25.1 25.1 65.3 65.5 1.18 10.0 MK4 S 18:15 25.2 4.66 67.7 35.4 4.7 25.2 4.60 67.4 35.4 1.27 0.85 1 4 66 66.8 mid wave MK4 N 18:17 15 7.5 25.1 25.1 4.73 4.63 66.3 65.8 35.4 35.4 1.20 1.11 1.10 9.5 7.9 18:23 MK4 B 4.51 4.51 65.2 65.2 35.2 35.3 1.07 14 25.0 25.0 4.51 65.2 1.09 9.5 1 CK1 S 19:15 25.1 25.1 4.77 4 62 67.4 67.6 35.4 35.4 0.96 1.23 12.0 4.63 67.1 CK1 M 19:17 mid wave 17 8.5 25.0 25.0 4.56 4.57 66.9 66.3 35.3 35.3 1.46 1.06 1.20 9.0 11.0 CK1 B 19:24 16 25.0 25.0 4.58 4.46 4.52 65.8 65.7 65.8 35.3 35.3 1.32 1.16 12.0 CK2 S 19:00 10.0 1 25.1 25.1 4.73 4.76 68.2 68.0 35.4 35.4 1.18 1.20 4.69 67.4 CK2 M 19:02 mid wave 16 8 24.9 24.9 4.61 4.65 66.5 66.9 35.4 35.4 1.40 1.15 1.24 9.3 10.1 24.9 24.9 4.50 4.44 4.47 65.9 35.3 35.3 1.15 CK2 B 19:08 15 65.3 65.6 1.36 11.0 Equipment used: Dissolved Oxygen Meter: 6167 EM Calibration Check: 100 100%: Sampled By: 伊 2365 Calibration Check: 9.8 NTU Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: EM 6167 Calibration Check: \_\_\_\_\_35 ppt Date: 9/11/2005 Thermometer: EM 6167 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 2/11/2005 Weather Condition: Cloudy Ambient Temperature,°C: 26 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended Solids Remarks Time Sea Salinity, ppt mg/L Condition Depth, m Depth,m b b Average verag verage b epth а а b а b а а verage MK1 S 14:00 25.4 25.4 4.64 4.66 67.9 35.5 35.5 0.95 11.0 1 67.4 1.16 4.61 67.5 MK1 M 14.00 mid wave 6 3 25.2 25.2 4 60 4 55 67.3 674 35.3 35.3 1 40 1.05 1.16 3.3 9.1 MK1 B 14:02 5 25.2 25.2 4.43 4.47 4.45 65.8 65.4 65.6 35.3 35.3 1.18 1.23 13.0 MK2 S 14:15 1 25.4 25.4 4.67 4.75 67.1 67.1 35.5 35.5 1.49 1.07 24.0 21.0 4.68 66.7 15 1.17 16.3 MK2 M 14:17 mid wave 7.5 25.3 4.68 4.60 66.4 66.0 35.3 1.13 23.0 9.7 25.3 35.3 1.23 MK2 B 14:23 14 25.1 25.1 4.46 4.40 4.43 65.3 65.0 65.2 35.2 35.2 1.26 0.82 12.0 8.3 MK3 S 13:30 25.4 25.3 4.72 4.75 68.4 67.8 35.4 35.5 1.11 1.24 10.0 4.69 67.7 МКЗ М 13:30 mid wave 6 3 25.1 25.1 4.63 4.65 67.2 67.5 35.4 35.3 1.03 1.16 1.16 14.0 12.0 MK3 B 13:32 5 25.1 25.1 4.43 4.40 4.42 66.4 65.2 65.8 35.3 35.3 1.34 1.05 12.0 MK4 S 13:45 1 25.4 25.4 4.83 4.75 68.4 68.0 35.5 35.3 0.98 1.13 8.3 4.67 67.5 MK4 M 13:47 7 25.2 4.62 4.49 66.5 67.0 35.3 35.3 1.05 10.0 mid wave 14 25.2 1.23 1.10 10.4 MK4 B 13:52 4.53 4.57 4.55 64.9 65.1 13 25.2 25.2 65.2 35.1 35.2 1.16 1.07 13.0 CK1 S 14:45 25.3 25.3 4.72 4.72 67.5 35.5 35.5 0.86 1.16 9.7 1 67.3 4.70 67.2 CK1 M 14.47 mid wave 16 8 25.2 25.2 4 65 4 69 66.8 67.3 35.4 35.2 1.30 1.00 1.12 67 8.5 CK1 B 14:53 15 25.2 25.2 4.53 4.50 4.52 65.4 65.4 65.4 35.2 35.2 1.06 1.36 9.0 CK2 S 14:30 1 25.3 25.3 4.77 4.73 35.4 35.4 1.38 7.0 68.2 67.3 1.30 4.68 66.9 CK2 M 14:32 mid wave 15 7.5 25.2 25.2 4.59 4.62 66.6 65.6 35.2 35.2 1.15 1.06 1.21 13.0 10.0 CK2 B 14:38 14 25.2 25.2 4.43 4.41 4.42 64.3 64.9 64.6 35.2 35.2 1.13 1.22 10.0 EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: Sampled By:

EM 6167 EM 6167

EM

Calibration Check: Calibration Check:

100 100%: 9.8 NTU

伊 Raymond Dai 9/11/2005

Turbidity Meter:

Salinity Meter:

Thermometer:

2365

35 ppt

Checked By:

Date:

Water Quality Monitoring Data Sheet (Ko Lau Wan)

# Water Quality Monitoring Data Sheet (Ko Lau Wan)

Date of	Sampling:	4/11/2005			eather Co	ondition:	Sunny					in rompon		26					bd	-	
tion	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, °C b	Dissolve a	ed Oxyger b	n, mg/L Average	Dissolve a	d Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspen	ded Solid	ls, mg/L Depth Average	Remarks
IK1 S	17:27			1	25.3	25.1	5.60	5.58	4.98	84.8	84.6	78.1	32.1	32.4	0.94	0.96		4.3		Average	
IK1 M	17:31		7	3.5	23.4	23.0	4.38	4.37	4.50	71.6	71.5	70.1	33.5	33.6	1.27	1.30	1.33	7.0		7.4	
MK1 B	17:36			6	22.8	22.7	3.72	3.70	3.71	65.0	64.8	64.9	34.7	34.8	1.72	1.76		11.0			
MK2 S	17:40	-		1	25.5	25.6	5.69	5.68	5.58	84.7	84.6	83.6	32.9	33.0	0.88	0.96	-	7.3		_	
MK2 M	17:46		16	8	23.1	23.4	5.47	5.46		82.5	82.4		33.4	33.5	1.25	1.26	1.27	11.0		10.1	
MK2 B	17:51			15	22.4	22.3	4.74	4.73	4.74	75.2	75.3	75.3	34.7	34.8	1.65	1.64		12.0			
MK3 S MK3 M	16:59 17:04	-	7	1 3.5	25.0 23.8	25.1 23.9	5.56 4.59	5.54 4.61	5.08	83.4 73.7	83.3 73.9	78.6	33.2 34.5	33.5 34.6	0.75	0.71	1.28	8.3 8.7		8.8	
мкз в	17:09			6	22.7	22.5	3.70	3.72	3.71	65.8	65.9	65.9	35.9	35.7	1.94	1.91		9.3		0.0	
MK4 S	17:14			1	25.0	24.9	5.61	5.60		84.9	84.8		32.3	32.5	1.12	1.10		13.0			
MK4 M	17:19		15	7.5	23.3	23.5	5.41	5.40	5.51	82.9	82.8	83.9	33.7	33.9	1.94	1.91	1.46	14.0		14.7	
MK4 B	17:23			14	22.5	22.6	4.49	4.47	4.48	72.7	72.5	72.6	34.2	34.1	1.35	1.36		17.0			
CK1 S	17:54			1	24.6	24.5	5.47	5.46		82.5	82.4		32.9	32.8	0.92	0.91		8.7	7.7		
CK1 M	17:59	]	17	8.5	23.1	23.0	4.61	4.58	5.03	74.9	74.7	78.6	33.6	33.5	1.47	1.48	1.27	7.0	10.0	7.8	
CK1 B	19:03			16	22.2	22.1	4.48	4.46	4.47	72.6	72.4	72.5	34.3	34.1	1.42	1.42		6.3	7.3		
CK2 S	18:08			1	24.9	24.8	5.69	5.67	5.21	84.7	84.5	79.9	32.1	32.0	1.49	1.47		6.7			
CK2 M	18:13		16	8	22.6	22.4	4.74	4.73	-	75.2	75.1		33.5	33.4	1.26	1.28	1.32	9.3		8.4	
CK2 B	18:17			15	21.3	21.4	3.86	3.85	3.86	66.4	66.3	66.4	34.4	34.3	1.20	1.20		9.3			
roject:		Turbidity Me Salinity Met Thermomete	er: er:	truction of V	EM EM EM Vong She	2365 6167 6167 k and Ko		Calibrati	on Check: on Check: Piers		10 35 Client:		Construe	ction Co.,	Ltd.		Checked Date: Job No.:		Raymor 11/11/20		-
Date of	Contract I Sampling:	Salinity Met Thermomete No. CV/2004, 4/11/2005	er: er: /02 Recons 5	W	EM EM Vong She	6167 6167 k and Ko	Lau Wa	Calibrati	on Check: Piers		35 Client: Ambie	ppt Kin Shing	ature,°C:	26		-	Date:	J429 Mid-Ebb	<u>11/11/2</u>	005	-
Date of	Contract I	Salinity Mete Thermomete No. CV/2004,	er: er: /02 Recons	W	EM EM Vong She	6167 6167 k and Ko	Lau Wa	Calibrati	on Check: Piers		35 Client:	ppt Kin Shing		26		-	Date: Job No.:	J429 Mid-Ebb	11/11/2	005 - Is, mg/L Depth	Remarks
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Date of	Contract I Sampling: Tirne	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: er: /02 Recons 5 Overall	W Sampling Depth,m	EM EM Vong She /eather Cr Tempera a	6167 6167 k and Kc ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati In Public	on Check: Piers	Dissolve a	35 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera	ature,°C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Date: Job No.: Tide State:	J429 Mid-Ebb	<u>11/11/2</u>	005 - Is, mg/L Depth	Remarks
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Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: er: 5 Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	EM EM Vong She /eather Co 7 25.3 24.7 23.2 25.1 23.9 22.6	6167 6167 k and Kc ondition: ture, °C b 25.4 24.5 23.4 24.9 23.8 22.5	Lau Wa Sunny Dissolve a 5.56 4.83 5.80 4.42 3.63	Calibrati an Public b 5.54 4.81 4.35 5.82 4.44 3.64	n Check: Piers <u>n, mg/L</u> Average 5.19 4.37	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8	35           Client:           Ambie           b           83.1           74.8           71.1           83.3           72.2           64.9	Kin Shing nt Tempera n, % Average 79.0 71.2	ature,°C: Salinity, a 32.3 33.5 34.2 32.7 33.0 34.2	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47	, NTU b 1.47 1.65 1.30 0.85 1.13 1.50	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspense 13.0 8.3 8.3 12.0 10.0 9.0	<u>11/11/2</u>	is, mg/L Depth Average 9.9	Remarks
Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: <u>/02 Recons</u> <u>5</u> Overall Depth, m 6 15	W           Sampling Depth,m           1           3           5           1           7.5           14           1	EM EM Vong She leather C. 25.3 24.7 23.2 25.1 23.9 22.6 25.0	6167 6167 k and Kc ondition: 25.4 24.5 23.4 24.9 23.8 22.5 23.8	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97	Calibrati In Public d Oxyge b 5.54 4.81 4.35 5.82 4.44 3.64 4.98	on Check: Piers h, mg/L Average 5.19 4.37 5.12	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3	35           Client:           Ambie           d Oxyge           b           83.1           74.8           71.1           83.3           72.2           64.9           77.4	Kin Shing nt Temper Average 79.0 71.2 77.7	ature,°C: Salinity, a 32.3 33.5 34.2 32.7 33.0 34.2 33.3	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28	Date: Job No.: Tide State: Average 1.47 1.15	J429 Mid-Ebt Suspen 13.0 8.3 12.0 10.0 9.0 8.0	<u>11/11/2</u>	is, mg/L Depth Average 9.9 10.3	Remarks
Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: er: 5 Overall Depth, m 6	W Sampling Depth,m 1 3 5 1 7.5 14 1 1 3	EM EM eather Cr. 25.3 24.7 23.2 25.1 23.2 25.1 23.9 22.6 25.0 23.2	6167 6167 k and Kc ondition: 25.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82	Calibrati in Public b 5.54 4.81 4.35 5.82 4.44 4.98 4.83	n Check: Piers Average 5.19 4.37 5.12 3.64 4.90	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0	35           Client:           Ambie           83.1           74.8           71.1           83.3           72.2           64.9           77.4           76.1	Kin Shing nt Temper- Average 79.0 71.2 77.7 64.9 76.7	ature,°C: <u>Salinity</u> , a 32.3 33.5 34.2 32.7 33.0 34.2 33.3 34.2 33.3 34.2 33.5	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2 33.5	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92	, NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspens 13.0 8.3 12.0 10.0 9.0 8.3 8.3	<u>11/11/2</u>	is, mg/L Depth Average 9.9	Remarks
Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: <u>/02 Recons</u> <u>5</u> Overall Depth, m 6 15	W           Sampling Depth,m           1           3           5           1           7.5           14           1	EM EM Vong She leather C. 25.3 24.7 23.2 25.1 23.9 22.6 25.0	6167 6167 k and Kc ondition: 25.4 24.5 23.4 24.9 23.8 22.5 23.8	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97	Calibrati In Public d Oxyge b 5.54 4.81 4.35 5.82 4.44 3.64 4.98	n Check: Piers <u>n, mg/L</u> Average 5.19 4.37 5.12 3.64	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3	35           Client:           Ambie           d Oxyge           b           83.1           74.8           71.1           83.3           72.2           64.9           77.4	Kin Shing nt Temper- n, % Average 79.0 71.2 77.7 64.9	ature,°C: Salinity, a 32.3 33.5 34.2 32.7 33.0 34.2 33.3	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28	Date: Job No.: Tide State: Average 1.47 1.15	J429 Mid-Ebt Suspen 13.0 8.3 12.0 10.0 9.0 8.0	<u>11/11/2</u>	is, mg/L Depth Average 9.9 10.3	Remarks
Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: <u>/02 Recons</u> <u>5</u> Overall Depth, m 6 15	W Sampling Depth,m 1 3 5 1 7.5 14 1 3 5	EM EM eather Cc 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 23.2 22.5	6167 6167 k and Kc ondition: ture, C 25.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82 4.45	Calibrati in Public b 5.54 4.81 4.35 5.82 4.44 4.98 4.83 4.46	n Check: Piers Average 5.19 4.37 5.12 3.64 4.90	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9	35 Client: Ambie 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0	Kin Shing nt Temper- Average 79.0 71.2 77.7 64.9 76.7	Salinity, a           32.3           33.5           34.2           33.0           34.2           33.3           34.2           33.3           34.2           33.3           34.2           33.3           34.2	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2 33.5 34.2	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20	, NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21	Date: Job No.: Tide State: Average 1.47 1.15	J429 Mid-Ebt Suspeni 13.0 8.3 8.3 12.0 10.0 9.0 8.0 8.3 7.3	<u>11/11/2</u>	is, mg/L Depth Average 9.9 10.3	Remarks
Date of tation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 M MK3 B MK3 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 Overall Depth, m 6 15 6	W           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1	EM EM Vong She veather Cr 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 22.5 22.5 22.5 24.7	6167 6167 k and Kc ondition: iture, °C b 25.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4 24.9 22.5	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82 4.45 4.40	Calibrati in Public b 5.54 4.81 4.35 5.82 4.44 4.36 4.83 4.83 4.46 4.42	n Check: Piers Average 5.19 4.37 5.12 3.64 4.90 4.46	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0	35 Client: Ambie d Oxyge 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2	Kin Shing nt Temper- Average 79.0 71.2 77.7 64.9 76.7 73.0	ature,°C: <u>Salinity</u> , a <u>32.3</u> <u>33.5</u> <u>34.2</u> <u>33.0</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.2</u> <u>33.3</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>33.5</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>33.5</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>33.5</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>33.5</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>33.5</u> <u>33.5</u> <u>34.1</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.4</u> <u>32.5</u> <u>32.4</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>32.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>33.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>34.5</u> <u>35</u>	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 33.5 34.2 32.5	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46	Date: Job No.: Tide State: 1.47 1.15 1.80	J429 Mid-Ebb Suspen 13.0 8.3 12.0 10.0 9.0 8.0 8.3 7.3 4.3	<u>11/11/2</u>		Remarks
Date of itation MK1 S MK1 M MK1 B MK2 B MK2 B MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 Overall Depth, m 6 15 6	W           Sampling Depth,m           1           3           5           1           7.5           14           3           5           1           7.5           14           3           5           1           7	EM EM Vong She feather Cr. 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 22.5 24.7 23.2 25.0 23.2 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.3 24.7 25.6 25.6 25.7	6167 6167 k and Kc ondition: 225.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4 24.9 23.3	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82 4.45 4.40 3.72	Calibrati in Public b 5.54 4.81 4.35 5.82 4.44 4.98 4.83 4.46 4.83 4.46 4.42 3.71	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7	35 Client: Ambie b 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6	Kin Shing nt Temper 79.0 71.2 77.7 64.9 76.7 73.0 68.9 61.2	ature,°C: Salinity, a 32.3 33.5 34.2 33.0 34.2 33.0 34.2 33.3 33.5 34.1 32.4 33.2	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 32.5 34.2 32.5 33.1	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 2.20 1.45 2.11	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14	Date: Job No.: Tide State: 1.47 1.15 1.80	J429 Mid-Ebt Suspen 13.0 8.3 8.3 12.0 10.0 9.0 8.0 8.3 7.3 4.3 7.3	<u>11/11/2</u>		Remarks
Date of tation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 S MK3 S MK4 S MK4 S MK4 A MK4 B CK1 S	Contract   Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 Overall Depth, m 6 15 6	Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           11           3           5           1           7           13	EM EM eather Co 25.3 24.7 23.2 25.1 23.2 25.1 23.2 25.0 23.2 22.6 23.2 2 23.2 23.2 23.2 23.2 23.2 23.2 24.2	6167 6167 k and Kc condition: ture, °C b 25.4 24.5 23.4 24.9 23.8 22.5 23.3 22.4 24.9 23.3 22.4 24.9 23.3 23.6	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82 4.45 4.40 3.72 3.37	Calibrati an Public b 5.54 4.81 4.35 5.82 4.44 3.64 4.83 4.46 4.83 4.46 4.83 4.46 4.42 3.71 3.36	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2	35 Client: Ambie b 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1	Kin Shing nt Temper- Average 79.0 71.2 77.7 64.9 76.7 73.0 68.9	a           32.3           33.5           34.2           32.7           33.0           34.2           33.3           33.4           33.5           34.1           32.4           33.2           33.2	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 33.5 34.2 33.5 33.5 33.5 33.5 33.1 33.6	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14 2.46	Date: Job No.: Tide State: 1.47 1.15 1.80	J429 Mid-Ebt Suspen 13.0 8.3 8.3 12.0 10.0 9.0 8.3 7.3 4.3 7.3 6.3			Remarks
Date of tation MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 S MK4 S MK4 S MK4 S MK4 S MK4 S	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30 15:11	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 0verall Depth, m 6 15 6 14	Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           1           7           13           1	EM EM eather Cr. 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 22.5 24.7 23.4 23.4 23.7 23.4	6167 6167 k and Kc ondition: ture °C b 25.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4 24.9 23.3 22.4 24.9 23.3 22.4 24.9 23.3	Lau Wa Sunny Dissolve a 5.566 4.83 4.39 5.80 4.42 3.63 4.42 4.45 4.40 3.72 3.37 4.63	Calibrati in Public b 5.54 4.81 4.35 5.82 4.44 4.98 4.83 4.46 4.83 4.46 4.42 3.71 3.36 4.62	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2 74.3	35 Client: Ambie 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1 74.2	Kin Shing nt Temper 79.0 71.2 77.7 64.9 76.7 73.0 68.9 61.2	Salinity,           a           32.3           33.5           34.2           32.7           33.0           34.2           33.3           33.5           34.1           32.4           33.2           35.5           34.2           35.5	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2 33.5 34.2 33.5 34.2 33.5 33.1 33.6 33.3	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47 0.95	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14 2.46 0.96	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02	J429 Mid-Ebb Suspen 13.0 8.3 12.0 10.0 9.0 8.0 8.3 7.3 6.3 7.3 6.3 7.3	11/11/2/	is, mg/L           Depth           Average           9.9           10.3           7.9           6.0	Remarks
Date of itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 B MK4 S MK4 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30 15:11 15:16	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 0verall Depth, m 6 15 6 14	W           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7           13           1           8	EM EM Vong She Vather Cr 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 22.5 22.5 24.7 23.4 23.4 23.4 23.7 24.8 23.7	6167 6167 6167 k and Kc ondition: 25.4 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4 24.9 23.3 22.4 23.3 22.4 24.9 23.3 23.6 24.9 23.3	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.42 4.45 4.40 3.72 3.37 4.63 3.49	Calibrati in Public 5.54 4.81 4.35 5.82 4.44 4.36 4.83 4.46 4.42 3.71 3.36 4.42 3.71 3.36	n         mg/L           Average         5.19           4.37         5.12           3.64         4.90           4.46         4.06           3.37         4.06	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2 74.3 62.4	35 Client: Ambie d Oxyge b 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1 74.2 65.6	Kin Shing nt Tempera n, % Average 79.0 71.2 77.7 64.9 76.7 73.0 68.9 61.2 68.3 62.7	ture,°C: Salinity, a 32.3 33.5 34.2 32.7 33.0 34.2 33.0 34.2 33.3 33.5 34.2 33.3 33.5 34.2 33.2 35.5 33.2 33.2 33.2	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 32.5 33.1 33.6 33.3 33.3	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47 0.95 1.17	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14 2.46 0.96 0.96	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02	J429 Mid-Ebb Suspen 13.0 8.3 12.0 10.0 9.0 8.0 8.3 7.3 4.3 7.3 6.3 7.3 6.3 7.3 11.0	11/11/2/ Jed Solic	is, mg/L           Depth           Average           9.9           10.3           7.9           6.0	Remarks
Date of tation MK1 S MK1 M MK1 B MK2 S MK2 M MK3 S MK3 S MK4 S MK4 M MK4 B MK4 B CK1 S CK1 M CK1 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:06 14:11 14:22 14:30 15:11 15:16 15:20	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 0verall Depth, m 6 15 6 14	W           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7           13           1           8           15	EM EM eather Cr. 25.3 24.7 23.2 25.1 23.2 25.1 23.2 25.1 23.2 25.1 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 25.3 24.7 23.2 24.7 23.2 24.7 23.2 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.2 24.7 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 23.4 24.7 24.8 24.8	6167 6167 k and K 264 24.5 23.4 24.9 23.8 22.5 25.2 23.3 22.4 23.3 22.4 23.3 23.6 24.9 23.3 23.6 24.9 23.3	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.97 4.82 4.42 3.63 4.97 4.82 4.40 3.72 3.37 4.63 3.49 3.52	Calibrati In Public b 5.54 4.81 4.35 5.82 4.44 3.64 4.83 4.48 4.83 4.48 4.83 4.46 4.42 3.71 3.36 4.62 3.48	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37           4.06           3.52	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2 74.3 62.4 62.8	35 Client: Ambie d Oxyge b 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1 74.2 62.3 62.5	Kin Shing           nt Tempera           n, %           Average           79.0           71.2           77.7           64.9           76.7           73.0           68.9           61.2           68.3	ture,°C: 3alinity, 32.3 33.5 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.3 34.2 35.5 34.1 32.4 33.2 35.5 33.2 34.8 35.5	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.2 33.5 34.2 33.5 33.1 33.6 33.3 33.3 33.3 34.8	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47 0.95 1.17 1.17	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14 2.46 0.96 1.18	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02	J429 Mid-Ebt Suspen 13.0 8.3 8.3 12.0 10.0 9.0 8.3 7.3 4.3 7.3 6.3 7.3 6.3 7.3 11.0 5.7	11/11/2/ Jed Solic	is, mg/L           Depth           Average           9.9           10.3           7.9           6.0	Remarks
Date of tation MK1 S MK1 M MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 S MK3 S MK4 S CK1 K MK4 B CK1 S CK1 M CK1 S CK1 M	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30 15:11 15:16 15:20	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 Overall Depth, m 6 15 6 14 16	Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           14           3           5           1           7           13           1           8           15           1	EM EM EM eather Cc 25.3 24.7 23.2 25.1 23.2 25.1 23.2 25.1 23.2 25.1 23.2 25.2 24.7 23.4 23.4 23.7 24.8 24.8 24.8 24.6 24.8 24.6 24.8 24.8 24.6 24.8 2	6167 6167 k and Ko condition: 25.4 24.9 23.8 22.5 23.3 22.4 24.9 23.3 22.4 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9	Lau Wa Sunny Dissolve a 5.56 4.83 4.39 5.80 4.42 3.63 4.42 4.42 4.42 3.63 4.97 4.82 4.40 3.72 3.37 4.63 3.37 4.63 3.52 5.12	Calibrati an Public b 5.54 4.81 4.35 5.82 4.44 4.83 4.48 4.83 4.48 4.83 4.48 4.83 4.46 4.83 4.46 4.83 4.46 3.51 5.14	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37           4.06           3.52	Dissolve           a           83.2           75.0           71.2           83.1           72.0           64.8           77.3           76.0           72.9           72.0           65.7           61.2           74.3           62.4           62.8           79.2	35 Client: Ambie 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1 74.2 65.6 61.1 74.2 62.3 62.5 79.4	Kin Shing nt Tempera n, % Average 79.0 71.2 77.7 64.9 76.7 73.0 68.9 61.2 68.3 62.7	ture, °C: : Salinity, a 32.3 33.5 34.2 33.0 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.3 34.2 33.5 34.2 34.2 33.5 34.2 33.5 34.2 33.5 34.2 33.5 34.2 33.5 34.2 35.5 34.2 35.5 35.5 35.5 34.2 35.5 35	26 ppt b 32.4 33.6 34.3 32.5 33.1 34.2 33.2 33.2 33.2 33.1 33.6 33.1 33.6 33.1 33.6 33.1 33.6 33.1 33.6 33.1 33.6 33.1 33.6 33.1 33.6 33.3 34.8	Turbidity           a           1.49           1.67           1.25           0.86           1.11           1.47           1.29           2.20           1.45           2.11           2.47           0.95           1.17           1.20           1.35	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.14 2.14 2.46 0.96 1.18 1.24 1.24	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02 1.12	J429 Mid-Ebt Suspen 13.0 8.3 8.3 12.0 10.0 9.0 8.3 7.3 4.3 7.3 6.3 7.3 6.3 7.3 11.0 5.7 7.3	11/11/2/ Jed Solic	s, mg/L Depth Average 9.9 10.3 7.9 6.0	Remarks
Date of tation MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK2 B MK2 B MK3 S MK3 M MK3 S MK3 M MK4 S MK4 S MK4 S MK4 S CK1 S CK1 B CK1 S CK2 B	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30 15:11 15:16 15:20 15:27 15:35 15:47	Salinity Met Thermometer No. CV/2004. 4/11/2005 Sea Condition	er: /02 Recons 5 Overall Depth, m 6 15 6 14 16 15	Sampling Depth,m           1           3           5           1           7.5           14           3           5           14           3           5           14           1           3           5           1           7           13           1           8           15           1           7.5           14	EM EM eather Cr 25.3 24.7 23.2 25.1 23.9 22.6 25.0 23.2 22.5 22.5 24.7 23.4 23.7 24.8 23.7 24.8 23.7 24.8 23.7 24.6 23.7 24.2 24.6	6167 6167 6167 k and Kc ondition: 225.4 23.4 24.9 23.8 22.5 25.2 23.3 22.4 23.3 22.4 23.3 22.4 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 24.9 23.6 24.9 24.9 24.9 24.9 24.9 24.9 24.9 24.9	Lau Wa Sunny Dissolve a 5.566 4.83 4.39 5.80 4.42 3.63 4.42 4.45 4.40 3.72 4.82 4.45 4.40 3.72 3.37 4.63 3.49 3.52 5.12 4.38 4.05	Calibrati In Public d Oxyge b 5.54 4.81 4.35 5.82 4.44 4.35 4.44 4.98 4.83 4.46 4.42 3.71 3.36 4.62 3.48 3.51 5.14 4.39 4.06	n.mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37           4.06           3.52           4.76           4.06	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2 74.3 62.4 62.8 79.2 71.1	35           Client:           Ambie           6 Oxyge           83.1           74.8           71.1           83.3           72.2           64.9           77.4           76.1           73.0           72.2           66.6           61.1           74.2           62.3           62.5           79.4           71.2           68.5	Kin Shing           nt Temperative           n, %           Average           79.0           71.2           77.7           64.9           76.7           73.0           68.9           61.2           68.3           62.7           75.2           68.5	Salinity, a           32.3           32.3           33.5           34.2           32.7           33.0           34.2           33.3           33.4           33.3           33.4           33.3           34.2           33.3           34.2           33.3           34.2           35.5           33.2           34.8           35.5           33.0           33.9	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 33.5 33.1 33.6 33.3 34.8 35.5 33.1 33.8	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47 0.95 1.17 1.20 1.35	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.24 2.46 0.96 1.18 1.24 1.36 1.24 1.36	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02 1.12 1.45	J429 Mid-Ebb Suspen 13.0 8.3 12.0 10.0 9.0 8.3 7.3 4.3 7.3 6.3 7.3 6.3 7.3 11.0 5.7 7.3 8.3 7.3 7.3 8.3 7.3	11/11/2/ Jed Solic	s, mg/L Depth Average 9.9 10.3 7.9 6.0	Remarks
Date of ation wik1 S wik1 M wik1 B wik2 S wik2 M wik2 B wik2 B wik2 B wik3 S wik3 M wik4 S wik4 S	Contract I Sampling: Time 14:34 14:39 14:45 14:52 15:02 15:07 14:01 14:06 14:11 14:15 14:22 14:30 15:11 15:16 15:20 15:27 15:35 15:47	Salinity Met Thermomete No. CV/2004, 4/11/2005 Sea	er: /02 Recons 5 Overall Depth, m 6 15 6 14 16 15 15 xygen Mete	Sampling Depth,m           1           3           5           1           7.5           14           3           5           14           3           5           14           1           3           5           1           7           13           1           8           15           1           7.5           14	EM EM eather C 25.3 24.7 23.2 25.1 23.2 25.1 23.9 22.6 25.0 23.2 22.5 24.7 23.4 23.7 24.8 23.3 21.2 24.8 23.3 21.2 24.6	6167 6167 k and Kc ondition: 225.4 23.4 24.9 23.8 22.5 25.2 23.3 22.4 24.9 23.3 22.4 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6 24.9 23.3 23.6	Lau Wa Sunny Dissolve a 5.566 4.83 4.39 5.80 4.42 3.63 4.42 4.45 4.40 3.72 4.82 4.45 4.40 3.72 3.37 4.63 3.49 3.52 5.12 4.38 4.05	Calibrati an Public b 5.54 4.81 4.35 5.82 4.44 3.64 4.83 4.46 4.83 4.46 4.83 4.46 4.42 3.71 3.36 4.42 3.71 3.36 4.62 3.48 3.51 5.14 4.39 4.06 Calibrati	n. mg/L           Average           5.19           4.37           5.12           3.64           4.90           4.46           4.06           3.37           4.06           3.52           4.76	Dissolve a 83.2 75.0 71.2 83.1 72.0 64.8 77.3 76.0 72.9 72.0 65.7 61.2 74.3 62.4 62.8 79.2 71.1	35 Client: Ambie 83.1 74.8 71.1 83.3 72.2 64.9 77.4 76.1 73.0 72.2 65.6 61.1 74.2 65.6 61.1 74.2 62.3 62.5 79.4 71.2	Kin Shing           nt Temper           n, %           Average           79.0           71.2           77.7           64.9           76.7           73.0           68.9           61.2           68.3           62.7           75.2           68.5           100%:	Salinity, a           32.3           32.3           33.5           34.2           32.7           33.0           34.2           33.3           33.4           33.3           33.4           33.3           34.2           33.3           34.2           33.3           34.2           35.5           33.2           34.8           35.5           33.0           33.9	26 ppt 32.4 33.6 34.3 32.5 33.1 34.2 33.5 34.2 33.5 33.1 33.6 33.3 34.8 35.5 33.1 33.8	Turbidity a 1.49 1.67 1.25 0.86 1.11 1.47 1.29 1.92 2.20 1.45 2.11 2.47 0.95 1.17 1.20 1.35	NTU b 1.47 1.65 1.30 0.85 1.13 1.50 1.28 1.91 2.21 1.46 2.24 2.46 0.96 1.18 1.24 1.36 1.24 1.36	Date: Job No.: Tide State: 1.47 1.15 1.80 2.02 1.12	J429 Mid-Ebt Suspen 13.0 8.3 8.3 12.0 10.0 9.0 8.3 7.3 4.3 7.3 6.3 7.3 6.3 7.3 11.0 5.7 7.3 8.3 7.3 8.3 12.0 8.3 7.3 8.3 8.3 8.3 8.3 7.3 8.3 8.3 8.3 7.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8	11/11/2/ Jed Solic	s, mg/L Depth Average 9,9 10.3 7,9 6,0 111.1	Remarks

## Water Quality Monitoring Data Sheet (Ko Lau Wan)

Project:	Contract I	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	ers		Client:	Kin Shing	Construc	tion Co., I	Ltd.		Job No.:	J429	-		
Date of	Sampling:	7/11/2005		v	Veather C	ondition:	Sunny				Ambie	ent Temper	ature,°C:	26			Tide State:	Mid-Floo	d		
Station	Time	Sea	Overall	Sampling		ature, ⁰C					d Oxygen		Salinity,		Turbidity			Suspend	led Solids		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MK1 S	17:13			1	24.8	24.7	5.53	5.52	5.09	83.8	83.7	79.3	34.1	34.0	0.74	0.76		7.3			
MK1 M	17:14		7	3.5	23.4	23.3	4.65	4.64	0.00	74.9	74.7	10.0	34.5	34.4	1.18	1.21	1.19	3.0		5.4	
MK1 B	17:16			6	22.2	22.4	4.47	4.46	4.47	72.2	72.4	72.3	35.2	35.1	1.61	1.63		5.8			
MK2 S	17:22			1	24.7	24.6	5.24	5.25		80.5	80.6		33.7	33.6	1.52	1.53		4.4			
MK2 M	17:24		16	8	23.5	23.4	5.02	5.03	5.14	78.2	78.3	79.4	34.0	34.2	1.99	1.98	1.92	2.8		4.6	
MK2 B	17:30			15	21.0	21.2	4.55	4.54	4.55	73.7	73.6	73.7	35.4	35.2	2.26	2.24		6.6			
MK3 S	16:52			1	25.2	25.1	5.00	5.02		78.9	78.8		33.0	33.2	1.13	1.14		4.2			
MK3 M	16:53		7	4	23.7	23.6	4.45	4.46	4.73	72.5	72.6	75.7	34.4	34.5	1.07	1.09	1.22	6.2		4.6	
		_	,						4.07			74.0					1.22			4.0	
MK3 B	16:55			6	22.5	22.8	4.37	4.36	4.37	71.8	71.9	71.9	34.7	34.7	1.43	1.43		3.4			
MK4 S	17:02	_		1	25.0	25.1	5.62	5.60	5.43	84.6	84.4	82.6	33.2	33.4	1.52	1.55		2.4			
MK4 M	17:04	-	15	7.5	23.8	23.7	5.25	5.26		80.7	80.5		34.5	34.6	1.77	1.76	1.52	14.0		7.9	
MK4 B	17:10			14	22.4	22.6	4.80	4.82	4.81	76.4	76.3	76.4	35.0	35.2	1.27	1.26		7.4			
CK1 S	17:33			1	25.2	25.1	5.45	5.45	4.98	82.6	82.5	78.0	33.3	33.4	1.52	1.54		7.6	4.6		
CK1 M	17:35		17	8	23.5	23.6	4.52	4.51	1.00	73.3	73.4	10.0	34.7	34.8	1.84	1.82	1.70	8.6	7.8	7.2	
CK1 B	17:42			16	22.7	22.6	3.67	3.65	3.66	64.1	64.0	64.1	35.2	35.1	1.74	1.72		8.8	5.6		
CK2 S	17:43			1	25.0	25.0	5.44	5.43		82.5	82.4		33.5	33.6	1.06	1.07		11.0			
CK2 M	17:45		16	9	23.2	23.1	5.27	5.26	5.35	80.5	80.4	81.5	34.0	34.2	1.49	1.45	1.27	9.2		9.6	
CK2 B	17:51	_		15	22.8	22.6	4.55	4.54	4.55	73.1	73.0	73.1	35.4	35.2	1.27	1.26		8.6			
		Turbidity Met Salinity Mete Thermomete	r:		EM EM	2365 6167 6167			ion Check: ion Check:		9.9 35.3	•					Checked I Date:	<i>.</i>	Raymon 14/11/20		
		No. CV/2004/0				and Ko L		Public Pie	ers			Kin Shing					Job No.: Tide State:		-		
			Overall	V	ong Shek Veather C	and Ko L	Sunny					ent Temper		26				Mid-Ebb	- led Solids	s, mg/L	Remarks
Date of	Sampling:	7/11/2005		V	ong Shek Veather C	and Ko L	Sunny				Ambie	ent Temper	ature,°C:	26		, NTU		Mid-Ebb		, mg/L Depth Average	Remarks
Date of	Sampling:	7/11/2005	Overall	V	ong Shek Veather C Tempera	and Ko L condition: ature, °C	Sunny Dissolve	d Oxygen	i, mg/L Average	Dissolve	Ambie d Oxygen	ent Temper n, % Average	ature,°C: Salinity,	26 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station	Sampling: Time	7/11/2005	Overall	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko Li condition: ature, °C b	Sunny Dissolve a	d Oxygen b	, mg/L	Dissolve a	Ambie d Oxygen b	ent Temper	ature,°C: Salinity, a	26 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station MK1 S	Sampling: Time 15:10	7/11/2005	Overall Depth, m	V Sampling Depth,m	Veather C Tempera a 24.6	and Ko L Condition: ature, <sup>o</sup> C b 24.7	Sunny Dissolve a 5.84	d Oxygen b 5.83	i, mg/L Average	Dissolve a 86.2	Ambie d Oxygen b 86.0	ent Temper n, % Average	ature,°C: Salinity, a 33.8	26 ppt b 33.7	Turbidity a 1.29	, NTU b 1.30	Tide State: Average	Mid-Ebb Suspend 5.4		Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 15:10 15:10	7/11/2005	Overall Depth, m	V Sampling Depth,m 1 3	Veather C Tempera a 24.6 23.4	and Ko L condition: ature, °C b 24.7 23.5	Sunny Dissolve a 5.84 4.82	d Oxygen b 5.83 4.81	a, mg/L Average 5.33 4.47	Dissolve a 86.2 76.5	Ambie d Oxygen b 86.0 76.4	Average 81.3 72.6	ature,°C: Salinity, a 33.8 34.1	26 ppt b 33.7 34.3	Turbidity a 1.29 1.47	, NTU b 1.30 1.50	Tide State: Average	Mid-Ebb Suspend 5.4 7.0		Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 15:10 15:10 15:12	7/11/2005	Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 24.6 23.4 22.8	and Ko L condition: ature, <sup>o</sup> C b 24.7 23.5 22.9	Sunny Dissolve a 5.84 4.82 4.47	d Oxyger b 5.83 4.81 4.46	n, mg/L Average 5.33	Dissolve a 86.2 76.5 72.6	Ambie d Oxygen b 86.0 76.4 72.5	ent Temper , % Average 81.3	ature,°C: Salinity, a 33.8 34.1 35.6	26 ppt 33.7 34.3 35.5	Turbidity a 1.29 1.47 1.53	NTU b 1.30 1.50 1.54	Tide State: Average	Mid-Ebb Suspend 5.4 7.0 7.0		Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 15:10 15:10 15:12 15:23	7/11/2005	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 24.6 23.4 22.8 25.1	and Ko L condition: ature, <sup>°</sup> C b 24.7 23.5 22.9 25.2	Sunny           Dissolve           a           5.84           4.82           4.47           6.23	d Oxygen b 5.83 4.81 4.46 6.23	a, mg/L Average 5.33 4.47	Dissolve a 86.2 76.5 72.6 90.5	Ambie d Oxygen b 86.0 76.4 72.5 90.7	Average 81.3 72.6	ature, °C: Salinity, a 33.8 34.1 35.6 33.7	26 b 33.7 34.3 35.5 33.9	Turbidity a 1.29 1.47 1.53 0.92	NTU b 1.30 1.50 1.54 0.94	Tide State: Average 1.44	Mid-Ebb Suspend 5.4 7.0 7.0 6.5		Depth Average 6.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 15:10 15:12 15:23 15:25	7/11/2005	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5	Tempera           24.6           23.4           22.8           25.1           24.4	and Ko L condition: ature, <sup>o</sup> C b 24.7 23.5 22.9 25.2 24.5	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78	d Oxyger b 5.83 4.81 4.46 6.23 5.77	a, mg/L Average 5.33 4.47 6.00	Dissolve a 86.2 76.5 72.6 90.5 85.4	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6	ent Temper- Average 81.3 72.6 88.1	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4	26 ppt 33.7 34.3 35.5 33.9 34.5	Turbidity a 1.29 1.47 1.53 0.92 1.39	NTU b 1.30 1.50 1.54 0.94 1.40	Tide State: Average 1.44	Mid-Ebb Suspend 5.4 7.0 7.0 6.5 8.0		Depth Average 6.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31	7/11/2005	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5 14	Tempera           24.6           23.4           22.8           25.1           24.4	and Ko L condition: ature, <sup>o</sup> C b 24.7 23.5 22.9 25.2 24.5 23.0 25.3	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34	a, mg/L Average 5.33 4.47 6.00	Dissolve a 86.2 76.5 72.6 90.5 85.4 81.5 80.6	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5	ent Temper- Average 81.3 72.6 88.1	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2	26 ppt 33.7 34.3 35.5 33.9 34.5 35.1 33.6	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06	. NTU b 1.30 1.50 1.54 0.94 1.40 1.14 1.08	Tide State: Average 1.44	Mid-Ebb Suspend 5.4 7.0 6.5 8.0 6.6 4.6		Depth Average 6.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43	7/11/2005	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 4	Tempera           24.6           23.4           22.8           25.1           24.4           23.2           25.4	and Ko L condition: ature, "C b 24.7 23.5 22.9 25.2 24.5 23.0 25.3 24.8	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36	a, mg/L Average 5.33 4.47 6.00 5.34 4.79	Dissolve a 86.2 76.5 72.6 90.5 85.4 81.5 80.6 71.4	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5	ent Temper , % Average 81.3 72.6 88.1 81.5 76.0	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20	NTU b 1.30 1.50 1.54 0.94 1.40 1.14 1.08 1.23	Average       1.44       1.15	Mid-Ebb Suspend 5.4 7.0 6.5 8.0 6.6 4.6 7.6		Depth Average 6.5 7.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46	7/11/2005	Overall Depth, m 6 15	V Samping Depth,m 1 3 5 1 7.5 14 1 4 7 7	Shek           Veather C           Tempera           24.6           23.4           22.8           25.1           24.4           23.2           25.4           25.4           23.4           23.4	and Ko L condition: ture, 'C b 24.7 23.5 22.9 24.5 23.0 25.2 24.5 23.0 25.3 24.8 23.4	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.34 5.22 4.35 3.20	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21	a, mg/L Average 5.33 4.47 6.00 5.34	Dissolve a 86.2 76.5 72.6 90.5 85.4 81.5 80.6 71.4 60.5	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4	ent Temper , % Average 81.3 72.6 88.1 81.5	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47	NTU b 1.30 1.50 1.54 0.94 1.40 1.14 1.08 1.23 1.50	Average       1.44       1.15	Mid-Ebb Suspend 5.4 7.0 7.0 6.5 8.0 6.6 4.6 7.6 9.2		Depth Average 6.5 7.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK3 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55	7/11/2005	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 4 7 7 1	Shek           Tempera           24.6           23.4           25.1           24.4           23.2           25.4           25.4           25.4           25.4           25.4           25.4	and Ko L condition: ture, <sup>v</sup> C 24.7 23.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.78 5.34 5.22 4.35 3.20 4.84	d Oxyger b 5.83 4.81 4.46 6.23 5.77 5.34 4.36 3.21 4.83	a, mg/L Average 5.33 4.47 6.00 5.34 4.79	Dissolve a 86.2 76.5 72.6 90.5 85.4 81.5 80.6 71.4 60.5 76.7	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5	ent Temper , % Average 81.3 72.6 88.1 81.5 76.0	ature,°C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.1	26 ppt b 33.7 34.3 35.5 33.9 34.5 33.6 33.6 33.6 33.6 33.6 33.6 34.8 35.7 34.2	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36	NTU b 1.30 1.50 1.54 0.94 1.40 1.14 1.08 1.23 1.50 1.46	Tide State: Average 1.44 1.15 1.26	Mid-Ebb Suspenc 5.4 7.0 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4		Depth Average 6.5 7.0 7.1	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 S MK3 M MK3 B MK3 B MK4 S	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57	7/11/2005	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 4 7 7 1 7	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.4 25.1 23.4	and Ko L condition: ture, "C b 24.7 23.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2 23.7	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.34 5.34 5.34 5.22 4.35 3.20 4.84 4.49	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.83 4.50	Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8	Ambie d Oxygen b 86.0 76.4 72.5 85.6 81.4 80.5 71.5 60.4 76.5 72.9	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7	ature,°C: <u>Salinity</u> , a <u>33.8</u> <u>34.1</u> <u>35.6</u> <u>34.4</u> <u>35.2</u> <u>34.4</u> <u>35.8</u> <u>34.9</u> <u>35.8</u> <u>34.1</u> <u>35.8</u> <u>34.1</u>	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.2 35.0	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48	NTU b 1.30 1.50 1.54 0.94 1.40 1.44 1.23 1.50 1.46 1.46	Average       1.44       1.15	Mid-Ebb Suspence 5.4 7.0 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2		Depth Average 6.5 7.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02	7/11/2005	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 7 1 4 7 1 7 13	ong Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.4 25.1 23.6 25.1 23.6 25.1	and Ko L condition: 100 - 100	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.34 5.22 4.35 3.20 4.84 4.49 3.72	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.83 4.50 3.73	Average 5.33 4.47 6.00 5.34 4.79 3.21	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           72.8           65.3	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.1 35.9	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.2 35.0 35.8	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29	NTU b 1.30 1.50 1.54 0.94 1.40 1.44 1.08 1.23 1.50 1.46 1.46 1.30	Tide State: Average 1.44 1.15 1.26	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4		Depth Average 6.5 7.0 7.1	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 M MK3 S MK3 M MK3 B MK3 M MK4 S MK4 M MK4 B CK1 S	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02	7/11/2005	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 7.5 14 1 4 7 7 1 1 7 13 1	ong Shek Veather C 24.6 23.4 25.1 24.4 25.2 25.4 25.4 25.4 23.4 25.1 23.6 22.1 23.6 22.1 24.6	and Ko L condition: ture, <sup>6</sup> C 23.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2 23.7 22.0 22.0 24.4	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.83 4.50 3.73 5.34	Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7	ature,°C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.1 35.8 34.1 35.8 34.1 35.9 33.6	26 ppt 33.7 34.3 35.5 33.9 34.5 33.6 34.5 33.6 34.8 35.7 34.2 35.0 35.8 33.8	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.47 1.36 1.48 1.29 0.64	NTU b 1.30 1.50 1.54 1.40 1.14 1.08 1.23 1.50 1.46 1.46 1.30 0.66	Tide State: Average 1.44 1.15 1.26 1.39	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0	8.4	Depth Average 6.5 7.0 7.1 7.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02	7/11/2005	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 7 1 4 7 1 7 13	ong Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.4 25.1 23.6 25.1 23.6 25.1	and Ko L condition: 100 - 100	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.34 5.22 4.35 3.20 4.84 4.49 3.72	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.83 4.50 3.73	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           72.8           65.3	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4	ature, °C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.1 35.9	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.2 35.0 35.8	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29	NTU b 1.30 1.50 1.54 0.94 1.40 1.44 1.08 1.23 1.50 1.46 1.46 1.30	Tide State: Average 1.44 1.15 1.26	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4		Depth Average 6.5 7.0 7.1	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 M MK3 S MK3 M MK3 B MK3 M MK4 S MK4 M MK4 B CK1 S	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02	7/11/2005	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 7.5 14 1 4 7 7 1 1 7 13 1	ong Shek Veather C 24.6 23.4 25.1 24.4 25.2 25.4 25.4 25.4 23.4 25.1 23.6 22.1 23.6 22.1 24.6	and Ko L condition: ture, <sup>6</sup> C 23.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2 23.7 22.0 22.0 24.4	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.83 4.50 3.73 5.34	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4	ature,°C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.1 35.8 34.1 35.8 34.1 35.9 33.6	26 ppt 33.7 34.3 35.5 33.9 34.5 33.6 34.5 33.6 34.8 35.7 34.2 35.0 35.8 33.8	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.47 1.36 1.48 1.29 0.64	NTU b 1.30 1.50 1.54 1.40 1.14 1.08 1.23 1.50 1.46 1.46 1.30 0.66	Tide State: Average 1.44 1.15 1.26 1.39	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0	8.4	Depth Average 6.5 7.0 7.1 7.3	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02 15:40	7/11/2005	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 1 7.5 14 1 4 7 1 1 7 13 1 8	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.4 25.1 23.6 22.1 24.6 24.0	and Ko L condition: ture, "C b 24.7 22.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2 23.7 22.0 24.4 23.9	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35           4.97	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 5.21 4.36 3.21 4.36 3.21 4.83 4.50 3.73 5.34 4.96	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16 4.12	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7           77.4	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6 77.3	Average           81.3           72.6           88.1           81.5           76.0           60.5           74.7           65.4           79.5           69.3	ature,°C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.1 35.1 35.9 33.6 33.6 33.6	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.2 35.0 35.8 33.8 33.8 33.8 34.3	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29 0.64 1.19	NTU b 1.30 1.50 1.54 0.94 1.40 1.44 1.08 1.23 1.50 1.46 1.30 0.666 1.20	Tide State: Average 1.44 1.15 1.26 1.39	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6	8.4 6.8	Depth Average 6.5 7.0 7.1 7.3	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02 15:40 15:42	7/11/2005	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 4 7 1 4 7 1 1 7 13 1 8 15	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.6 22.1 23.6 22.1 24.6 24.0 21.3	and Ko L condition: 100 and 100 and 10	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.32           4.35           3.20           4.84           4.49           3.72           5.35           4.97	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 4.36 4.36 4.32 4.33 4.50 3.73 5.34 4.54 4.96 4.11	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           72.8           65.3           81.7           77.4           69.3	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6 77.3 81.6 77.3	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4 79.5	ature,°C: <u>Salinity</u> , a 33.8 34.1 35.6 33.7 34.4 35.2 34.9 35.8 34.9 35.8 34.9 35.8 34.1 35.9 35.9 33.6 34.2 34.7	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.2 35.0 35.8 35.8 33.8 34.3 34.3	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.39 1.39 1.20 1.47 1.36 1.48 1.29 0.64 1.19 1.20	NTU         b           1.30         1.50           1.54         0.94           1.40         1.14           1.23         1.50           1.46         1.46           1.30         0.666           1.20         1.21	Tide State: Average 1.44 1.15 1.26 1.39	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6 5.6	8.4 6.8	Depth Average 6.5 7.0 7.1 7.3	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 B MK3 B MK3 B MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling: Time 15:10 15:12 15:23 15:25 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:40 15:42 15:48 15:50	7/11/2005	Overall Depth, m 6 15 6 14 14	V Sampling Depth,m 1 3 5 1 7,5 14 1 4 7 1 1 4 7 1 1 7 13 1 8 15 1	ong Shek Veather C 23.4 22.8 25.1 24.4 23.2 25.4 23.2 25.4 23.4 24.7 23.6 22.1 23.6 22.1 24.6 24.0 21.3 24.4	and Ko L condition: 1000 24.7 23.5 22.9 24.5 23.0 25.3 24.5 23.0 25.3 24.8 23.4 25.2 23.7 22.0 24.4 23.9 21.2 24.5	Sunny Dissolve a 5.84 4.82 4.47 6.23 5.78 5.34 5.34 5.34 5.34 4.49 3.72 5.35 4.84 4.49 3.72 5.35 4.97 4.12	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 4.60 3.21 4.83 4.50 3.73 5.34 4.96 4.11	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16 4.12	Dissolve           a           86.2           76.5           72.6           90.5           85.4           80.6           71.4           60.5           76.7           72.8           65.3           81.7           77.4           69.3	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 77.5 60.4 77.5 65.4 81.6 77.3 65.2 83.8	Average           81.3           72.6           88.1           81.5           76.0           60.5           74.7           65.4           79.5           69.3	ature, °C: Salinity, a 33.8 34.1 35.6 34.4 35.2 34.4 35.2 34.4 35.8 34.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.1 35.9 33.6 34.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.1 35.9 35.8 34.9 35.8 34.9 35.8 34.9 35.8 34.9 35.8 34.9 35.9	26 ppt b 33.7 34.3 35.5 33.9 34.5 33.9 34.5 33.6 34.8 35.7 34.2 35.0 35.8 33.8 33.8 34.3 34.6 34.2	Turbidity           a           1.29           1.47           1.53           0.92           1.39           1.13           1.06           1.20           1.47           1.38           1.20           1.47           1.36           1.20           1.48           1.29           0.64           1.19           1.20	NTU b 1.30 1.50 1.54 0.94 1.40 1.44 1.08 1.23 1.50 1.46 1.30 0.66 1.20 1.21 1.09	Tide State: Average 1.44 1.15 1.26 1.39 1.02	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6 5.6 5.8	8.4 6.8	Depth Average 6.5 7.0 7.1 7.3 7.6	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:40 15:42 15:48 15:50	7/11/2005 Sea Condition	Overali Depth, m 6 15 6 14 14 16 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 5 14 7 7 13 1 7 7 13 1 7 13 1 1 8 15 1 1 7,5 14 1 7 13 11 7 7 13 11 7 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 11 7 13 11 11 7 13 11 11 11 11 11 11 11 11 11 11 11 11	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.6 22.1 23.6 22.1 24.6 24.0 21.3 24.4 23.0	and Ko L condition: 121, C 23, 5 22, 9 25, 2 24, 5 23, 0 25, 3 24, 8 23, 4 25, 2 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 9 24, 2 24, 5 22, 9 21, 2 24, 5 22, 9 21, 2 24, 7 24,	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35           4.97           5.50           4.48           4.12	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 4.36 3.21 4.36 3.21 4.36 3.21 4.36 3.21 4.36 3.21 4.50 3.73 5.34 4.50 3.73 5.34 4.50 4.11 5.49 4.46 4.15	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16 4.12 4.98 4.16	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7           77.4           69.3           83.9           72.5	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6 77.3 69.2 83.8 72.4	ent Tempera , % Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4 79.5 69.3 78.2	ature,°C: Salinity, a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.9 35.8 34.1 35.1 35.9 33.6 34.2 34.7 34.7 34.0 34.7	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.8 35.7 34.2 35.0 35.8 33.8 34.3 34.3 34.6 34.2 34.5	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29 0.64 1.19 1.20 1.08 2.25	NTU         b           1.30         1.50           1.54         0.94           1.40         1.41           1.23         1.50           1.46         1.46           1.46         1.46           1.20         1.46           1.21         1.09           2.26         1.09	Tide State: Average 1.44 1.15 1.26 1.39 1.02	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6 5.6 5.6 5.8 7.8	8.4 6.8	Depth Average 6.5 7.0 7.1 7.3 7.6	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02 15:40 15:42 15:48 15:50 15:52 15:58	7/11/2005	Overali Depth, m 6 15 6 14 14 16 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 5 14 7 7 13 1 7 7 13 1 7 13 1 1 8 15 1 1 7,5 14 1 7 13 11 7 7 13 11 7 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 11 7 13 11 11 7 13 11 11 11 11 11 11 11 11 11 11 11 11	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.6 22.1 23.6 22.1 24.6 24.0 21.3 24.4 23.0	and Ko L condition: 24.7 23.5 22.9 25.2 24.5 23.0 25.3 24.8 23.4 25.2 23.7 22.0 24.4 23.9 21.2 24.5 23.9 24.4 23.9 21.2 24.5	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35           4.97           5.50           4.48           4.12	d Oxygen b 5.83 4.81 4.46 6.23 5.77 5.34 4.36 3.21 4.36 3.21 4.36 3.21 4.36 3.21 4.36 3.21 4.50 3.73 5.34 4.50 3.73 5.34 4.50 4.11 5.49 4.46 4.15	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16 4.12 4.98	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7           77.4           69.3           83.9           72.5	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6 77.3 69.2 83.8 72.4	Average Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4 79.5 69.3 78.2 69.2	ature,°C: <u>Salinity.</u> a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.9 35.8 34.1 35.1 35.9 33.6 34.2 34.2 34.7 34.0 34.7 34.0	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.8 35.7 34.2 35.0 35.8 33.8 34.3 34.3 34.6 34.2 34.5	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29 0.64 1.19 1.20 1.08 2.25	NTU         b           1.30         1.50           1.54         0.94           1.40         1.41           1.23         1.50           1.46         1.46           1.46         1.46           1.20         1.46           1.21         1.09           2.26         1.09	Tide State: Average 1.44 1.15 1.26 1.39 1.02	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6 5.6 5.8 7.8 4.6	8.4 6.8	Depth Average 6.5 7.0 7.1 7.3 7.6	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 C MK3 M MK3 B MK3 B MK3 B MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M CK2 B	Sampling: Time 15:10 15:12 15:23 15:25 15:31 14:42 14:43 14:46 14:55 14:57 15:02 15:02 15:40 15:42 15:48 15:50 15:52 15:58	7/11/2005 Sea Condition	Overall Depth, m 6 15 6 14 14 16 15 ygen Mete	V Sampling Depth,m 1 3 5 1 7.5 14 1 7 5 14 7 7 13 1 7 7 13 1 7 13 1 1 8 15 1 1 7,5 14 1 7 13 11 7 7 13 11 7 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 7 13 11 11 7 13 11 11 7 13 11 11 11 11 11 11 11 11 11 11 11 11	ng Shek Veather C 24.6 23.4 22.8 25.1 24.4 23.2 25.4 24.7 23.4 25.1 23.6 22.1 23.6 24.0 21.3 24.4 23.0 21.5	and Ko L condition: 121, C 23, 5 22, 9 25, 2 24, 5 23, 0 25, 3 24, 8 23, 4 25, 2 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 0 24, 4 23, 7 22, 9 24, 2 24, 5 22, 9 21, 2 24, 5 22, 9 21, 2 24, 7 24,	Sunny           Dissolve           a           5.84           4.82           4.47           6.23           5.78           5.34           5.22           4.35           3.20           4.84           4.49           3.72           5.35           4.97           4.12           5.50           4.48           4.17	d Oxygen           b           5.83           4.81           4.46           6.23           5.77           5.34           5.21           4.36           3.21           4.36           3.21           4.33           4.50           3.73           5.34           4.96           4.11           5.49           4.46           4.15           Calibrat	Average Average 5.33 4.47 6.00 5.34 4.79 3.21 4.67 3.73 5.16 4.12 4.98 4.16	Dissolve           a           86.2           76.5           72.6           90.5           85.4           81.5           80.6           71.4           60.5           76.7           72.8           65.3           81.7           77.4           69.3           83.9           72.5	Ambie d Oxygen b 86.0 76.4 72.5 90.7 85.6 81.4 80.5 71.5 60.4 76.5 72.9 65.4 81.6 77.3 81.6 77.3 83.8 72.4 83.8 72.4 69.1	Average 81.3 72.6 88.1 81.5 76.0 60.5 74.7 65.4 79.5 69.3 78.2 69.2 100%:	ature,°C: <u>Salinity.</u> a 33.8 34.1 35.6 33.7 34.4 35.2 33.5 34.9 35.8 34.9 35.8 34.9 35.8 34.1 35.1 35.9 33.6 34.2 34.2 34.7 34.0 34.7 34.0	26 ppt b 33.7 34.3 35.5 33.9 34.5 35.1 33.6 34.8 35.7 34.8 35.7 34.2 35.0 35.8 33.8 34.3 34.3 34.6 34.2 34.5	Turbidity a 1.29 1.47 1.53 0.92 1.39 1.13 1.06 1.20 1.47 1.36 1.48 1.29 0.64 1.19 1.20 1.08 2.25	NTU         b           1.30         1.50           1.54         0.94           1.40         1.14           1.23         1.50           1.46         1.46           1.30         0.66           1.20         1.21           1.09         2.26           1.14         1.14	Tide State: Average 1.44 1.15 1.26 1.39 1.02 1.49	Mid-Ebb Suspenc 5.4 7.0 6.5 8.0 6.6 4.6 7.6 9.2 8.4 7.2 6.4 5.0 6.6 5.6 5.6 5.6 5.8 7.8 4.6	4ed Solids	Depth Average 6.5 7.0 7.1 7.3 7.6 6.1	Remarks

Thermometer:

EM 6167 Calibration Check: 35.3 ppt EM 6167

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 8/11/2005 Weather Condition: Sunny 28 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Station Sampling Salinity, ppt a b Suspended Solids, Remarks Time Overall mg/L Condition )epth,m Average Average Depth, m verage MK1 S 16:40 1 25.9 25.9 5.90 5.72 72.6 32.6 32.6 1.07 72.4 1.01 13.0 5.73 71.2 MK1 M 16:41 mid wave 7 3.5 25.7 25.7 5.67 5.62 69.5 70.3 32.5 32.5 1.34 0.88 1.10 20.0 15.7 32.5 14.0 MK1 B 16:43 6 25.7 25.7 5.50 5.61 5.56 69.0 68.8 68.9 32.5 1.16 1.12 MK2 S 16:50 1 25.8 25.8 5.75 5.81 71.6 71.6 32.5 32.6 1.15 1.17 7.6 5.72 70.4 MK2 M 16:51 mid wave 13 25.6 5.69 5.64 68.8 69.7 32.3 32.3 1.22 1.04 1.12 8.7 6.5 25.6 9.8 MK2 B 16:56 12 25.5 25.5 5.56 5.53 5.55 68.5 68.3 68.4 32.3 32.3 0.95 1.18 8.6 MK3 S 16:20 25.9 25.9 5.77 5.77 72.1 71.8 32.6 32.6 1.20 1.14 4.8 1 71.4 5.68 MK3 M 16:21 mid wave 8 4 25.7 25.7 5.54 5.63 70.6 71.2 32.4 32.3 1.06 0.92 1.07 8.8 7.7 МКЗ В 16:24 7 68.4 32.3 9.6 25.5 25.5 5.62 5.55 5.59 68.0 68.2 32.3 1.03 1.07 MK4 S 32.6 16:30 25.9 25.9 5.64 5.78 69.6 71.6 32.6 1.15 1.21 7.6 1 5.70 70.6 mid wave MK4 N 16:32 14 7 25.7 25.7 5.66 5.71 70.2 70.8 32.4 32.4 1.30 1.11 1.10 11.0 7.9 16:37 MK4 B 5.59 5.53 69.9 68.5 32.2 32.3 0.84 5.2 13 25.5 25.6 5.56 69.2 0.97 CK1 S 17:10 1 25.9 25.8 5.72 72.3 72.6 32.5 32.5 1.22 1.17 5.8 10.0 5.72 5.69 71.4 17:12 70.4 70.4 CK1 M mid wave 17 8.5 25.5 25.5 5.63 5.68 32.3 32.3 1.36 1.09 1.18 9.4 8.4 9.2 CK1 B 17:19 16 25.5 25.5 5.60 5.62 5.61 69.5 69.2 69.4 32.1 32.3 1.14 1.10 12.0 9.8 CK2 S 17:00 71.3 1.17 12.0 1 25.8 25.8 5.67 5.69 72.8 32.5 32.5 1.25 5.66 70.8 CK2 M 17:02 mid wave 17 8.5 25.5 25.5 5.63 5.66 69.7 69.3 32.4 32.4 1.18 1.03 1.16 13.0 9.9 25.5 25.4 5.57 5.56 69.4 32.3 32.3 4.6 CK2 B 17:09 16 5.57 68.7 69.1 1.30 1.01 Equipment used: Dissolved Oxygen Meter: 6167 EM Calibration Check: 100 100%: Sampled By: 伊 10.2 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 15/11/2005 Thermometer: EM 6167 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 8/11/2005 Weather Condition: Sunny Ambient Temperature, °C: 28 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended Solids Remarks Time Sea Salinity, ppt mg/L Condition Depth, m Depth,m b Average b verag verage b epth а а b а b а а verage MK1 S 12:30 25.9 25.9 5.84 5.72 72.5 32.5 32.5 1.25 13.0 1 73.3 1.19 5.74 71.9 MK1 M 12:30 mid wave 6 3 25.7 25.7 5 73 5 66 70.4 71 2 32.4 32.4 1 17 1.08 1.17 78 9.4 MK1 B 12:32 5 25.5 25.6 5.54 5.43 5.49 69.3 69.6 69.5 32.1 32.1 1.24 1.08 7.4 MK2 S 12:40 1 25.8 25.8 5.71 5.74 71.5 71.0 32.5 32.6 1.06 1.25 11.0 5.70 70.5 12 1.14 14.0 9.7 MK2 M 12:41 mid wave 25.7 5.66 5.69 69.6 69.8 32.3 6 25.6 32.3 1.39 0.86 MK2 B 12:46 11 25.5 25.6 5.59 5.60 5.60 69.7 69.3 69.5 32.2 32.2 1.13 1.17 4.0 MK3 S 12:10 25.9 26.0 5.82 5.77 72.2 72.4 32.6 32.6 1.30 0.81 2.2 5.75 71.4 МКЗ М 12:11 mid wave 7 3.5 25.8 25.8 5.69 5.71 71.3 69.5 32.4 32.4 1.22 1.15 1.13 11.0 6.3 MK3 B 12:13 6 25.6 25.6 5.66 5.60 5.63 69.7 69.3 69.5 32.3 32.3 1.08 1.20 5.6 MK4 S 12:20 1 25.8 25.8 5.78 5.78 71.2 71.7 32.6 32.6 0.94 1.08 10.0 5.73 70.7 MK4 M 12:21 6.5 5.70 5.67 70.4 69.4 32.5 32.5 1.15 17.0 mid wave 13 25.6 25.6 1.26 1.12 11.3 MK4 B 12:26 69.1 69.3 12 25.6 25.6 5.66 5.60 5.63 69.5 32.3 32.3 1.05 1.23 6.8 CK1 S 13:00 25.7 25.7 5.72 5.74 71.4 32.6 32.5 1.17 1.29 4.6 1 71.4 12.0 5.69 71.0 CK1 M 13.02 mid wave 16 8 25.6 25.5 5.63 5 66 70.3 70.9 32.3 324 0.86 1.00 1.15 74 9.0 7.9 CK1 B 13:08 15 25.3 25.3 5.60 5.57 5.59 68.4 68.5 68.5 32.3 32.3 1.24 1.31 7.2 7.2 CK2 S 12:50 1 25.7 25.8 32.5 32.5 1.02 12.0 5.82 5.81 73.0 72.2 1.30 5.76 71.0 CK2 M 12:52 mid wave 16 25.5 25.5 5.73 5.69 69.8 69.0 32.3 32.3 1.06 0.94 1.11 19.0 13.1 8

EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: 伊 10.2 NTU EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 15/11/2005 EM 6167 Thermometer:

69.5

69.5

69.5

Water Quality Monitoring Data Sheet (Ko Lau Wan)

5.67

CK2 B

12:58

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25.4 25.4 5.69 5.65

32.3 32.3 1.03 1.32

8.2

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 11/11/2005 Weather Condition: Sunny 26 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Suspended Solids, mg/L Station Overall Sampling Salinity, ppt a b Remarks Time Condition )epth,m Average Average Depth, m verage MK1 S 16:03 1 25.2 25.0 5.54 5.53 83.6 83.4 34.2 34.3 1.15 1.12 4.5 5.15 79.4 MK1 M 16:04 7 3.5 23.8 23.7 4.77 4.76 75.3 75.2 34.7 34.5 1.31 1.34 1.21 3.0 4.4 MK1 B 16:06 23.0 4.40 6 23.2 4.42 4.41 72.5 72.4 72.5 35.3 35.4 1.16 1.16 5.8 MK2 S 16:13 1 25.3 25.4 5.62 5.61 84.0 84.1 33.0 33.2 1.81 1.82 4.6 5.48 82.7 MK2 M 16:15 16 23.8 5.36 5.34 81.2 81.5 34.5 34.3 1.48 1.49 1.65 4.7 8 23.9 3.8 MK2 B 16:21 15 22.1 22.3 4.70 4.72 4.71 75.7 75.8 75.8 35.1 35.0 1.65 1.65 5.6 MK3 S 15:39 24.7 24.8 5.01 5.03 78.4 78.2 32.4 32.3 1.24 1.26 4.2 1 5.6 4.80 76.0 15:40 7 MK3 M 4 22.4 22.3 4.59 4.58 73.9 73.6 33.8 33.9 1.45 1.46 1.39 3.4 8.7 5.8 МКЗ В 15:43 7 21.6 4.27 4.26 4.27 71.2 71.0 71.1 34.2 34.2 1.45 1.48 6.2 21.5 6.5 MK4 S 15:53 5.23 33.8 24.8 24.6 5.24 80.7 80.5 33.9 1.27 1.30 5.4 1 4.96 77.4 MK4 M 15:55 15 7.5 22.0 22.2 4.69 4.68 74.0 74.2 34.9 35.0 1.93 1.95 1.61 8.6 7.1 MK4 B 16:01 21.3 4.32 4.30 71.5 71.4 35.7 7.4 14 21.4 4.31 71.5 35.6 1.58 1.60 CK1 S 16:25 1 25.1 25.2 5.66 5.64 84.4 84.5 33.0 33.2 1.13 1.10 7.9 5.44 82.6 34.4 34.5 CK1 M 16:27 17 8 23.5 23.6 5.23 5.21 80.6 80.7 1.22 1.21 1.17 8.2 8.6 CK1 B 16:34 16 22.7 22.8 4.80 4.82 4.81 76.0 75.8 75.9 35.2 35.3 1.18 1.18 9.8 CK2 S 16:44 1.41 1 25.2 25.1 5.64 5.63 86.3 86.4 33.7 33.8 1.40 9.2 5.55 84.3 CK2 M 16:46 16 9 24.6 24.5 5.47 5.45 82.1 82.2 34.5 34.4 1.14 1.14 1.28 11 9.7 CK2 B 23.2 23.4 5.02 78.7 35.1 35.2 1.27 1.30 16:52 15 5.03 5.03 78.9 78.8 8.8 Calibration Check: 0mg/L: 100 100%: Equipment used: Dissolved Oxygen Meter: 6167 EM Sampled By: Pong 9.9 NTU 2365 Calibration Check: Checked By: Turbidity Meter: EM Raymond Dai Salinity Meter: EM 6167 Calibration Check: 34.7 ppt Date: 18/11/2005 Thermometer: EM 6167 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 11/11/2005 Weather Condition: Sunny Ambient Temperature,°C: 26 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen, Turbidity, NTU Suspended Solids Remarks Time Salinity, ppt mg/L Condition Depth, m Depth,m b verage b Average verag b epth а а b а b а а verage MK1 S 9:41 24.8 24.6 5.78 5.77 85.0 84.8 34.1 34.2 0.84 0.86 6.4 1 5.51 82.7 MK1 M 9.41 6 3 23.3 23.5 5 25 5 24 80.4 80.6 34.4 34.3 1 26 1.25 1.19 68 6.7 MK1 B 9:43 5 22.7 22.6 4.53 4.52 4.53 73.2 73.0 73.1 35.9 35.8 1.47 1.48 7.0 MK2 S 10:04 1 25.2 25.1 5.44 5.41 82.5 82.4 34.2 34.1 1.14 1.18 5.6 5.04 79.3 15 1.21 6.3 MK2 M 10:06 7.5 24.5 24.4 4.67 4.65 76.0 76.2 35.7 35.5 1.28 1.28 6.8 MK2 B 10:12 14 23.4 23.5 4.68 4.67 4.68 74.7 74.6 74.7 35.5 35.7 1.20 1.20 6.6 MK3 S 8:59 24.9 24.8 5.52 5.54 83.1 83.0 34.0 34.2 1.49 1.49 5.6 7.4 5.03 78.5 МКЗ М 9:00 6 4 23.5 23.4 4.53 4.54 73.9 73.8 35.2 35.1 1.27 1.27 1.42 9.2 6.8 8.0 МКЗ В 9:01 5 22.2 22.3 4.06 4.08 4.07 68.2 68.1 68.2 35.7 35.4 1.50 1.50 9.2 10 MK4 S 9:22 1 24.8 24.7 5.64 5.63 84.5 84.4 34.5 34.4 1.32 1.32 8.4 5.22 80.3 MK4 M 9:24 7 24.2 4.80 4.82 76.0 76.2 35.2 35.1 1.46 1.45 7.2 14 24.1 1.40 7.7 MK4 B 4.43 4.42 72.3 72.4 35.6 1.42 7.4 9:29 13 22.7 22.6 4.41 72.4 35.7 1.40 24.5 1.49 CK1 S 10:17 24.5 5.57 5.56 83.9 83.8 33.4 33.5 1.49 5.0 1 5.18 79.5 CK1 M 10.19 16 8 23.0 23.2 4 79 4 78 75.2 75.1 35.0 35.2 1 27 1 27 1.36 66 5.7 CK1 B 10:25 15 22.4 22.4 4.35 4.34 4.35 71.5 71.4 71.5 35.8 35.9 1.30 1.32 5.6

# Water Quality Monitoring Data Sheet (Ko Lau Wan)

EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: Pong 9.9 NTU EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai Salinity Meter: EM 6167 Calibration Check: 34.7 ppt Date: 18/11/2005 EM 6167 Thermometer:

84.1 84.0

80.4 80.3

5.44

4.45 72.9 72.8

34.2 34.1 1.47 1.47

34.5 34.4 1.50 1.52

35.4 35.3 1.49 1.46

82.2

72.9

6.8

4.6

6.4

1.49 7.7

CK2 S

CK2 M

CK2 B

10:35

10:37

10:43

1

7.5

14

15

25.0 25.1

24.3 24.3 5.28 5.26

23.7 23.6 4.45 4.45

5.62 5.61

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 14/11/2005 Weather Condition: Sunny 27 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Suspended Solids, mg/L Station Overall Sampling Salinity, ppt a b Remarks Time Condition )epth,m Average Average Depth, m verage MK1 S 16:30 1 25.4 25.3 4.72 75.3 75.2 33.6 33.4 0.82 0.84 5.4 4.35 71.2 MK1 M 16:31 7 3.5 24.3 24.3 3.97 67.2 67.1 34.7 34.6 1.17 1.17 1.27 4.0 5.1 MK1 B 16:33 23.7 6 23.7 3.86 3.86 66.5 66.3 66.4 35.3 35.1 1.82 1.81 5.8 MK2 S 16:40 1 25.2 25.1 4.49 72.4 72.2 34.2 34.1 1.49 1.50 5.6 4.12 68.8 MK2 M 16:42 16 24.6 3.75 65.3 65.1 34.8 34.6 1.34 1.35 1.52 6.8 8 24.5 8.3 MK2 B 16:48 15 24.0 24.2 3.20 3.20 60.9 60.8 60.9 35.1 35.1 1.75 1.71 6.5 MK3 S 16:09 24.8 24.8 4.42 72.5 72.3 33.9 34.0 1.45 1.46 5.2 1 4.41 72.1 16:10 7 MK3 M 4 23.7 23.6 4.39 71.8 71.7 34.2 34.1 1.07 1.08 1.28 6.4 5.9 34.4 МКЗ В 16:12 22.4 3.88 66.8 34.5 1.32 6.2 6 22.5 3.88 66.9 66.9 1.32 MK4 S 16:18 34.4 24.7 24.8 4.61 74.4 74.3 34.4 1.60 1.64 5.4 1 4.12 69.3 MK4 M 16:20 15 7.5 23.5 23.6 3.62 64.2 64.1 34.9 34.8 1.82 1.81 1.71 7.6 7.1 MK4 B 16:26 22.2 2.54 2.54 53.7 53.6 8.4 14 22.2 53.7 35.6 35.6 1.70 1.71 CK1 S 16:49 1 25.0 25.2 5.17 79.3 79.4 34.3 34.2 0.96 0.95 7.9 5.6 4.71 75.0 24.7 70.5 CK1 M 16:51 17 8 24.5 4.25 70.6 35.2 35.0 1.27 1.26 1.23 7.8 7.8 7.4 CK1 B 16:58 16 23.2 23.2 3.42 3.42 62.7 62.8 62.8 35.7 35.5 1.47 1.47 8.8 6.5 CK2 S 17:04 24.7 4.54 73.9 1 24.5 73.8 34.5 34.4 1.40 1.38 9.2 4.06 68.5 CK2 M 17:06 16 9 23.3 23.4 3.57 63.0 63.2 35.3 35.2 1.04 1.05 1.45 10 9.7 CK2 B 17:12 22.4 54.5 54.6 35.9 35.7 1.92 1.92 15 22.3 2.63 2.63 54.6 9.8 Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: EM 100 100%: Sampled By: Pong 10.1 NTU 2365 Calibration Check: Checked By: Turbidity Meter: EM Raymond Dai Salinity Meter: EM 6167 Calibration Check: 34.8 ppt Date: 21/11/2005 Thermometer: EM 6167 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 14/11/2005 Weather Condition: Sunny Ambient Temperature, °C: 27 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended Solids Remarks Time Sea Salinity, ppt mg/L Condition Depth, m Depth,m b verage b Average verag b epth а а b а b а а verage MK1 S 12:05 25.2 25.1 5.32 5.31 81.3 33.5 33.4 1.71 1.75 6.5 1 81.4 5.09 78.8 MK1 M 12.05 6 3 24.1 24.3 4 86 4 86 76.2 76.2 34.2 34.4 1 62 1.63 1.63 68 6.8 MK1 B 12:07 5 23.5 23.6 4.08 4.07 4.08 68.9 68.6 68.8 35.7 35.6 1.53 1.54 7.0 MK2 S 12:14 1 25.0 24.8 5.64 5.63 84.7 34.1 34.0 1.21 1.20 6.5 84.6 5.39 81.9 15 1.75 7.2 MK2 M 12:16 7.5 23.6 23.5 5.15 5.14 79.2 79.1 34.8 34.6 1.79 1.78 8.6 MK2 B 12:22 14 22.8 22.7 4.37 4.38 4.38 71.2 71.4 71.3 35.2 35.1 2.25 2.26 6.6 MK3 S 11:35 24.7 24.9 5.59 5.56 83.5 83.4 34.5 34.4 1.22 1.25 6.5 5.31 79.9 МКЗ М 11:36 6 4 23.9 23.7 5.05 5.04 76.4 76.3 35.0 35.2 1.72 1.71 1.69 8.2 8.0 МКЗ В 7 11:39 22.2 22.2 4.20 4.22 4.21 70.2 70.4 70.3 35.4 35.4 2.11 2.10 9.2 MK4 S 11:50 1 24.5 24.4 5.45 5.43 82.8 82.7 33.9 34.0 1.09 1.08 6.4 5.06 78.8 MK4 M 11:52 7 23.7 4.69 4.68 74.9 74.7 34.2 34.3 1.37 7.2 14 23.6 1.38 1.30 6.7 MK4 B 11:57 4.42 4.42 72.6 72.6 35.3 13 22.4 22.5 4.42 72.5 35.5 1.42 1.45 6.4 24.9 CK1 S 12:25 24.8 5.37 5.36 81.0 34.9 34.7 0.93 0.93 5.0 1 81.1 8.4 5.00 77.9 CK1 M 12.27 16 8 23.2 23.4 4 64 4 63 74 7 74 6 35.0 35.0 1 90 1 91 1.42 76 78 7.9 CK1 B 12:33 15 22.5 22.5 4.52 4.51 4.52 73.8 73.5 73.7 35.3 35.3 1.45 1.41 5.6 13 CK2 S 12:38 1 25.0 24.9 5.43 82.4 34.1 34.2 1.39 7.8 5.41 82.5 1.39 4.90 76.7 CK2 M 12:40 15 7.5 23.9 23.8 4.38 4.36 71.0 70.8 34.9 34.8 1.27 1.27 1.29 8.7 7.0 CK2 B 12:46 14 22.2 22.5 3.61 3.61 3.61 64.1 64.1 64.1 35.4 35.4 1.20 1.21 4.6 EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: Pong EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai

### Water Quality Monitoring Data Sheet (Ko Lau Wan)

EM Thermometer:

EM

6167

Salinity Meter:

10.1 NTU 34.8 ppt

<sup>6167</sup> Calibration Check:

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 16/11/2005 Weather Condition: Sunny 26 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Station Sampling Salinity, ppt a b Suspended Solids, Remarks Time Overall mg/L Condition )epth,m Average Average Depth, m verage 1.27 MK1 S 18:56 1 25.5 25.5 5.82 5.88 74.5 75.0 35.5 35.6 1.00 8.0 5.78 74.1 MK1 M 19:00 mid wave 7 3.5 25.3 25.3 5.73 5.70 73.3 73.6 35.3 35.3 1.16 0.94 1.13 8.2 9.4 12.0 MK1 B 19:04 6 25.3 25.3 5.63 5.70 5.67 72.1 72.1 72.1 35.1 35.1 1.32 1.10 MK2 S 19:06 1 25.4 25.4 5.87 5.75 75.1 74.4 35.4 35.4 1.19 1.19 8.0 5.76 74.1 MK2 M 19:10 mid wave 13 25.3 5.73 5.68 73.5 73.5 35.2 35.2 1.23 0.83 1.14 7.0 9.7 6.5 25.3 MK2 B 19:14 12 25.1 25.1 5.76 5.63 5.70 71.7 71.6 71.7 35.1 35.1 1.34 1.05 14.0 MK3 S 18:36 25.7 25.6 5.91 5.84 74.4 75.6 35.5 35.5 1.17 1.13 11.0 1 5.80 74.4 MK3 M 18:40 mid wave 8 4 25.4 25.4 5.76 5.70 73.6 73.9 35.3 35.3 1.08 1.07 1.15 8.6 8.9 МКЗ В 18:44 7 35.3 7.0 25.3 25.3 5.62 5.68 5.65 72.6 72.6 72.6 35.3 1.22 1.24 MK4 S 5.75 35.5 18:46 25.6 25.6 5.83 75.3 75.1 35.5 0.99 1.06 8.0 1 5.77 75.0 mid wave MK4 N 18:50 14 7 25.4 25.4 5.78 5.72 74.6 75.0 35.3 35.3 1.18 1.15 1.13 13.0 9.1 MK4 B 18:54 25.3 5.66 5.65 73.7 74.0 35.3 6.2 13 25.3 5.66 73.9 35.3 1.12 1.28 CK1 S 19:26 1 25.5 25.5 5.80 5.74 75.1 75.3 35.4 35.4 1.36 1.15 7.6 94 5.75 74.8 74.4 74.4 CK1 M 19:30 mid wave 17 8.5 25.4 25.3 5.76 5.69 35.3 35.3 1.23 1.09 1.17 12.0 12.0 10.1 CK1 B 19:34 16 25.3 25.3 5.72 5.70 5.71 73.6 74.3 74.0 35.3 35.3 1.08 1.13 12.0 7.6 CK2 S 19:16 74.9 1 25.5 25.5 5.82 5.73 74.5 35.4 35.4 1.22 0.98 9.6 5.75 74.4 CK2 M 19:20 mid wave 17 8.5 25.3 25.3 5.73 5.73 73.6 74.4 35.4 35.4 1.34 1.32 1.21 9.6 9.2 25.3 5.66 72.6 35.3 35.3 CK2 B 19:24 16 25.3 5.60 5.63 72.0 72.3 1.22 1.16 8.4 Equipment used: Dissolved Oxygen Meter: 6167 EM Calibration Check: 100 100%: Sampled By: 伊 9.8 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 23/11/2005 EM 6167 Thermometer: Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 16/11/2005 Weather Condition: Sunny Ambient Temperature,°C: 30 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended Solids Remarks Time Sea Salinity, ppt mg/L Condition Depth, m Depth,m b b Average verag verage b epth а а b а b а а verage MK1 S 13:06 25.4 25.4 5.76 5.80 73.6 35.4 35.2 1.14 8.4 1 73.5 1.09 5.73 72.2 MK1 M 13.10 mid wave 6 3 25.2 25.2 5 66 5 71 71.0 70.6 35.2 35.2 1 21 1.17 1.15 96 8.9 MK1 B 13:14 5 25.2 25.2 5.63 5.60 5.62 70.7 70.4 70.6 35.1 35.2 1.15 1.11 8.8 MK2 S 13:16 1 25.4 25.4 5.84 5.84 72.4 73.1 35.4 35.4 1.24 1.14 10.0 5.78 72.1 12 1.18 9.1 MK2 M 13:20 mid wave 25.2 25.2 5.69 5.73 71.5 71.5 35.2 1.23 9.2 6 35.2 1.20 MK2 B 13:24 11 25.1 25.2 5.66 5.65 5.66 70.0 69.5 69.8 35.2 35.2 1.08 1.20 8.0 MK3 S 12:46 25.4 25.4 5.79 5.75 71.6 72.3 35.5 35.5 1.31 1.17 7.4 5.73 71.1 МКЗ М 12:50 mid wave 17 3.5 25.3 25.3 5.68 5.69 70.5 70.0 35.3 35.3 1.05 0.95 1.11 10.0 9.1 71.4 MK3 B 12:54 6 25.3 25.3 5.70 5.70 5.70 71.4 71.4 35.2 35.2 1.07 1.13 10.0 MK4 S 12:56 1 25.4 25.4 5.68 5.66 70.5 70.3 35.4 35.5 1.28 1.14 9.6 5.67 70.2 MK4 M 13:00 6.5 25.2 69.4 70.6 35.3 35.4 0.84 10.0 mid wave 13 25.2 5.67 5.67 1.12 1.14 9.2 MK4 B 5.74 72.5 72.1 13:04 12 25.2 25.1 5.80 5.77 71.6 35.3 35.3 1.14 1.32 8.0 25.3 1.36 CK1 S 13:36 25.3 5.73 5.70 71.2 35.5 35.5 1.22 9.6 1 71.5 9.6 5.76 71.8 CK1 M 13.40 mid wave 16 8 25.2 25.3 5.80 5.82 72 2 724 35.3 35.3 1 22 1.08 1.18 10.0 12.0 10.2 CK1 B 13:44 15 25.3 25.3 5.70 5.67 5.69 70.8 71.0 70.9 35.3 35.3 1.16 1.06 7.0 13.0 CK2 S 1 25.3 25.3 35.5 35.4 9.4 13:26 5.81 5.81 72.4 72.6 1.16 0.93 5.78 72.1

EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: 伊 9.8 NTU EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai Salinity Meter: EM 6167 Calibration Check: Date: 23/11/2005 35.5 ppt EM 6167 Thermometer:

71.8 71.7

60.6 70.0

5.67

35.4 35.4 1.25 1.22

35.3 35.3 1.20 1.13

65.3

1.15

10.0

10.0

9.8

CK2 M

CK2 B

13:30

13:34

mid wave

16

25.2 25.2 5.73 5.76

25.3 25.3 5.69 5.65

8

15

### Water Quality Monitoring Data Sheet (Ko Lau Wan)

# Water Quality Monitoring Data Sheet (Ko Lau Wan) Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429

	Sampling:	10/11/2000		- '	Veather C	onanon.	cioudy				Amble	ent Temper	ature, c.	21			Fide State:		u .	-	
Station	Time	Sea	Overall	Sampling		iture, ⁰C					d Oxygen		Salinity,		Turbidity			Suspend	led Solids		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MK1 S	17:51			1	18.6	18.6	4.56	4.53		59.4	60.3		35.7	35.7	0.93	1.08		11.0	7.4		
MK1 M	17:50	mid wave	8	4	18.4	18.4	4.50	4.52	4.53	60.4	60.1	60.1	35.7	35.7	1.04	1.11	1.10	9.4	8.2	8.8	
MK1 B	17:54			7	18.4	18.4	4.61	4.63	4.62	61.2	61.3	61.3	35.8	35.8	1.23	1.18		9.6	7.2		
MK2 S	17:56			1	18.5	18.5	4.47	4.53		59.6	59.4		35.7	35.7	1.16	1.09		8.0			
-									4.46			58.9									
MK2 M	18:00	mid wave	12	6	18.5	18.5	4.39	4.43		58.4	58.3		35.7	35.7	1.12	1.15	1.15	9.4		9.0	
MK2 B	18:04	-		11	18.4	18.4	4.58	4.59	4.59	59.5	60.2	59.9	35.7	35.7	1.16	1.24		9.6			
MK3 S	17:26			1	18.6	18.6	4.51	4.54	4.51	60.3	60.1	59.9	35.8	35.8	1.28	1.34		12.0			
МКЗ М	17:30	mid wave	8	4	18.6	18.6	4.52	4.47		59.6	59.6	00.0	35.7	35.7	1.16	1.18	1.19	9.8		11.3	
MK3 B	17:34			7	18.5	18.5	4.43	4.41	4.42	59.3	59.6	59.5	35.8	35.8	1.16	1.04		12.0			
MK4 S	17:36			1	18.5	18.5	4.46	4.43		59.6	59.3		35.7	35.8	1.18	1.26		9.8			
MK4 M	17:40	mid wave	13	6.5	18.5	18.5	4.48	4.52	4.47	60.0	59.8	59.7	35.7	35.7	1.23	1.29	1.17	18.0		12.9	
MK4 B	17:44			12	18.5	18.5	4.60	4.62	4.61	60.6	60.8	60.7	35.7	35.7	1.05	1.03		11.0			
CK1 S	18:16			1	18.5	18.5	4.43	4.47		58.6	58.8		35.7	35.7	1.05	1.09		12.0			
ŀ		mid wave	16						4.47			58.7					1 16				
CK1 M	18:20	mid wave	16	8	18.4	18.4	4.51	4.48		58.5	59.0		35.7	35.7	1.14	1.22	1.16	8.5		9.4	
CK1 B	18:24	1		15	18.5	18.5	4.54	4.58	4.56	59.3	59.6	59.5	35.7	35.7	1.19	1.30		7.6			
CK2 S	18:06			1	18.5	18.5	4.42	4.40	4.48	58.8	59.1	59.3	35.8	35.8	1.23	1.34		12.0		-	
CK2 M	18:10	mid wave	15	7.5	18.4	18.5	4.53	4.57		59.4	59.7		35.7	35.7	1.13	1.33	1.22	12.0		12.3	
CK2 B	18:14			14	18.5	18.5	4.55	4.56	4.56	59.8	59.9	59.9	35.7	35.7	1.22	1.06		13.0			
Equipmen	t used:	Dissolved Ox	ygen Mete	r:	EM	6167		Calibrat	ion Check:		100	100%:					Sampled I	By:	Pong		
		Turbidity Met	er:		EM	2365		Calibrat	ion Check:		10	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Meter	r:		EM	6167		Calibrat	ion Check:		35	ppt					Date:		25/11/20	005	
		Thermomete	r:		EM	6167															
Project:	Contract N	Thermometer					au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co., L	_td.		Job No.:	J429			
			12 Reconsti	ruction of Wo		and Ko L		Public Pie	rs			Kin Shing					Job No.: Fide State:			-	
		No. CV/2004/0 18/11/2005 Sea	02 Reconstr Overall	ruction of Wo	ong Shek Veather C Tempera	and Ko L ondition: iture, °C	Cloudy Dissolve	d Oxygen	, mg/L		Ambie d Oxygen	ent Temper	ature,°C: Salinity,	20 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb	led Solids		Remarks
Date of	Sampling:	No. CV/2004/0	)2 Reconstr	ruction of Wo	ong Shek Veather C	and Ko L	Cloudy			Dissolve a	Ambie	ent Temper	ature,⁰C:	20		-		Mid-Ebb		s, mg/L Depth Average	Remarks
Date of	Sampling:	No. CV/2004/0 18/11/2005 Sea	02 Reconstr Overall	ruction of Wo	ong Shek Veather C Tempera	and Ko L ondition: iture, °C	Cloudy Dissolve	d Oxygen	, mg/L Average		Ambie d Oxygen	ent Temper n, % Average	ature,°C: Salinity,	20 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station	Sampling: Time	No. CV/2004/0 18/11/2005 Sea	02 Reconstr Overall	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko Li condition: tture, °C b	Cloudy Dissolve a	d Oxygen b	, mg/L	а	Ambie d Oxygen b	ent Temper	ature,°C: Salinity, a	20 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	led Solids	Depth	Remarks
Date of Station MK1 S	Sampling: Time 14:06	No. CV/2004/0 18/11/2005 Sea Condition	02 Reconstr Overall Depth, m	Sampling Depth,m	Veather C Tempera a 18.5	and Ko L condition: tture, <sup>o</sup> C b 18.5	Cloudy Dissolve a 4.63	d Oxygen b 4.66	, mg/L Average	a 61.4	Ambie d Oxygen b 61.3	ent Temper n, % Average	ature,°C: Salinity, a 35.8	20 ppt b 35.8	Turbidity a 1.19	, NTU b 1.22	Fide State: Average	Mid-Ebb Suspend 13.0	7.2	Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 14:06 14:10	No. CV/2004/0 18/11/2005 Sea Condition	02 Reconstr Overall Depth, m	Sampling Depth,m	Veather C Tempera a 18.5 18.5	and Ko L condition: tture, °C b 18.5 18.5	Cloudy Dissolve a 4.63 4.62	d Oxygen b 4.66 4.57	, mg/L Average 4.62 4.59	a 61.4 59.8	Ambie d Oxygen b 61.3 60.7	ent Temper Average 60.8 59.7	ature,°C: Salinity, a 35.8 35.8	20 ppt b 35.8 35.8	Turbidity a 1.19 1.04	, NTU b 1.22 1.15	Fide State: Average	Mid-Ebb Suspend 13.0 10.0	7.2 10.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 14:06 14:10 14:14	No. CV/2004/0 18/11/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 18.5 18.5 18.4	and Ko L ondition: ture, <sup>o</sup> C b 18.5 18.5 18.4	Cloudy Dissolve a 4.63 4.62 4.59	d Oxygen b 4.66 4.57 4.59	, mg/L Average 4.62	a 61.4 59.8 59.4	Ambie d Oxygen b 61.3 60.7 60.0	ent Temper h, % Average 60.8	ature,°C: Salinity, a 35.8 35.8 35.8	20 ppt 35.8 35.8 35.7	Turbidity a 1.19 1.04 1.22	NTU b 1.22 1.15 1.29	Fide State: Average	Mid-Ebb Suspend 13.0 10.0 11.0	7.2 10.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 14:06 14:10 14:14 14:16	No. CV/2004/C 18/11/2005 Sea Condition mid wave	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 18.5 18.5 18.4 18.5	and Ko L condition: ture, <sup>o</sup> C b 18.5 18.5 18.4 18.5	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63	d Oxygen b 4.66 4.57 4.59 4.66	, mg/L Average 4.62 4.59	a 61.4 59.8 59.4 60.3	Ambie d Oxygen b 61.3 60.7 60.0 60.4	ent Temper Average 60.8 59.7	ature, °C: Salinity, a 35.8 35.8 35.8 35.8	20 ppt 35.8 35.8 35.7 35.8	Turbidity a 1.19 1.04 1.22 0.28	NTU b 1.22 1.15 1.29 1.29	Fide State: Average 1.19	Mid-Ebb Suspend 13.0 10.0 11.0 9.2	7.2 10.0	Depth Average 10.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 14:06 14:10 14:14 14:16 14:20	No. CV/2004/C 18/11/2005 Sea Condition mid wave	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 6.5	Tempera           18.5           18.5           18.5           18.5           18.4           18.5           18.3	and Ko L ondition: ture, °C b 18.5 18.5 18.4 18.5 18.3	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.63	d Oxyger b 4.66 4.57 4.59 4.66 4.66	, mg/L Average 4.62 4.59 4.65	a 61.4 59.8 59.4 60.3 60.6	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4	ent Temper Average 60.8 59.7 60.7	ature, °C: Salinity, a 35.8 35.8 35.8 35.8 35.8 35.8	20 ppt 35.8 35.8 35.7 35.8 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15	NTU b 1.22 1.15 1.29 1.29 1.23	Fide State: Average 1.19	Mid-Ebb Suspend 13.0 10.0 11.0 9.2 8.6	7.2 10.0	Depth Average 10.2	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13	Sampling Depth,m 1 3 5 1 6.5 12 1	ong Shek Veather C Tempera a 18.5 18.5 18.5 18.4 18.5 18.3 18.3 18.3	and Ko L ondition: tture, <sup>o</sup> C b 18.5 18.5 18.5 18.4 18.5 18.3 18.3 18.3	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.63           4.63           4.63           4.63           4.63           4.63	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.62 4.57	, mg/L Average 4.62 4.59 4.65	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7	Ambie b 61.3 60.7 60.0 60.4 61.4 60.3 60.2	ent Temper Average 60.8 59.7 60.7	ature, °C: Salinity, a 35.8 35.8 35.8 35.8 35.8 35.7 35.7 35.7 35.7	20 ppt b 35.8 35.8 35.7 35.8 35.7 35.7 35.7 35.8	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16	.NTU b 1.22 1.15 1.29 1.29 1.23 1.30 1.23	Tide State: Average 1.19 1.09	Mid-Ebb Suspend 13.0 10.0 11.0 9.2 8.6 9.4 12.0	7.2 10.0	Depth Average 10.2 9.1	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 14:06 14:10 14:14 14:14 14:16 14:20 14:24 13:46 13:50	No. CV/2004/C 18/11/2005 Sea Condition mid wave	Overall Depth, m 6	vuction of Wc V Sampling Depth,m 1 3 5 1 6.5 12 1 1 3	Ong Shek           Veather C           18.5           18.5           18.5           18.5           18.3           18.3           18.5           18.3           18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.3 18.3	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.66           4.61           4.58           4.62	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.62 4.57 4.65	Average 4.62 4.59 4.65 4.65 4.62 4.61	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4	ature, °C: Salinity, a 35.8 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7	20 ppt b 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7	Turbidity a           1.19           1.04           1.22           0.28           1.15           1.26           1.16           1.30	NTU b 1.22 1.15 1.29 1.29 1.23 1.30 1.23 1.24	Fide State: Average 1.19	Mid-Ebb Suspend 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0	7.2 10.0	Depth Average 10.2	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 B MK2 B MK3 S MK3 B	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13	vuction of Wo Sampling Depth,m 1 3 5 1 6.5 12 1 6.5 12 1 3 5 5	veather C Tempera a 18.5 18.5 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4	and Ko L ondition: ture, <u>°C</u> b 18.5 18.5 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.66           4.61           4.58           4.62           4.63	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.62 4.57 4.65 4.65	, mg/L Average 4.62 4.59 4.65 4.62	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0	Ambie b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5	ent Temper , % Average 60.8 59.7 60.7 60.7	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7	20 ppt b 35.8 35.7 35.8 35.7 35.7 35.7 35.8 35.7 35.7 35.8 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07	NTU b 1.22 1.15 1.29 1.29 1.23 1.30 1.23 1.24 1.08	Tide State: Average 1.19 1.09	Mid-Ebb Suspend 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0	7.2 10.0	Depth Average 10.2 9.1	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54 13:56	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13 6	Sampling           Depth,m           1           3           5           1           6.5           12           1           3           5           1           1	reather C Tempera a 18.5 18.5 18.4 18.5 18.3 18.5 18.3 18.5 18.4 18.4 18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.5 18.3 18.5 18.3 18.5 18.4 18.4 18.4	Cloudy Dissolve a 4.63 4.62 4.59 4.63 4.66 4.61 4.62 4.62 4.62 4.63	d Oxyger b 4.66 4.57 4.59 4.66 4.66 4.66 4.65 4.65 4.65 4.63	Average 4.62 4.59 4.65 4.65 4.62 4.61	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4	ature,°C: Salinity, 35.8 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.8	200 ppt 35.8 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.7 35.8	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94	NTU b 1.22 1.15 1.29 1.23 1.23 1.23 1.24 1.08 1.18	Tide State: Average 1.19 1.09 1.18	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0	7.2 10.0	Depth Average 10.2 9.1 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 M MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13	vuction of Wo Sampling Depth,m 1 3 5 1 6.5 12 1 6.5 12 1 3 5 5	veather C Tempera a 18.5 18.5 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4	and Ko L ondition: ture, <u>°C</u> b 18.5 18.5 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.66           4.61           4.58           4.62           4.63	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.62 4.57 4.65 4.65	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.67	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0	Ambie b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7	20 ppt b 35.8 35.7 35.8 35.7 35.7 35.7 35.8 35.7 35.7 35.8 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07	NTU b 1.22 1.15 1.29 1.29 1.23 1.30 1.23 1.24 1.08	Tide State: Average 1.19 1.09	Mid-Ebb Suspend 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0	7.2 10.0	Depth Average 10.2 9.1	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54 13:56	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13 6	Sampling           Depth,m           1           3           5           1           6.5           12           1           3           5           1           1	reather C Tempera a 18.5 18.5 18.4 18.5 18.3 18.5 18.3 18.5 18.4 18.4 18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.5 18.3 18.5 18.3 18.5 18.4 18.4 18.4	Cloudy Dissolve a 4.63 4.62 4.59 4.63 4.66 4.61 4.62 4.62 4.62 4.63	d Oxyger b 4.66 4.57 4.59 4.66 4.66 4.66 4.65 4.65 4.65 4.63	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.67	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3	ature,°C: Salinity, 35.8 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.8	200 ppt b 35.8 35.7 35.8 35.7 35.7 35.8 35.7 35.7 35.8 35.7 35.7 35.8	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94	NTU b 1.22 1.15 1.29 1.23 1.23 1.23 1.24 1.08 1.18	Tide State: Average 1.19 1.09 1.18	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0	7.2 10.0	Depth Average 10.2 9.1 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 M MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 14:06 14:10 14:14 14:14 14:20 14:24 13:50 13:54 13:56 14:00	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13 6	vuction of Wc V Sampling Depth,m 1 3 5 1 6.5 12 1 3 5 1 3 5 1 7 7	ng Shek Veather C Tempera 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.4 18.4 18.4 18.5 18.4	and Ko L ondition: ture, "C b 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4	Cloudy Dissolve a 4.63 4.62 4.59 4.63 4.66 4.61 4.58 4.62 4.68 4.61 4.58	d Oxygen           b           4.66           4.57           4.59           4.66           4.66           4.62           4.65           4.65           4.65           4.63	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.67 4.62 4.66	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.2	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.5 60.4 59.6	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3 59.8 60.5	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7 35.7	20 popt 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22	NTU         b           1.22         1.15           1.29         1.23           1.30         1.23           1.23         1.24           1.08         1.18	Tide State: Average 1.19 1.09 1.18	Mid-Ebb Suspence 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 11.0	7.2 10.0	Depth Average 10.2 9.1 12.7	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 B MK3 B MK3 B MK4 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54 13:56 14:00 14:04	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 13 6	vuction of Wo V Sampling Depth,m 1 3 5 1 6.5 12 1 6.5 12 1 3 5 1 7 13	ng Shek Veather C Tempere 18.5 18.5 18.4 18.5 18.3 18.3 18.5 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, "C b 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.5 18.4 18.4 18.4 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.63           4.63           4.63           4.63           4.63           4.63           4.63           4.63           4.63           4.64           4.65           4.61           4.58           4.61           4.58	d Oxygen           b           4.66           4.57           4.59           4.66           4.66           4.66           4.66           4.65           4.65           4.65           4.65           4.65           4.63           4.64	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.67 4.62	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.2 60.3	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3 59.8	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8	20 popt 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22 1.13	NTU b 1.22 1.15 1.29 1.23 1.23 1.23 1.23 1.24 1.08 1.18 1.06 1.29	Tide State: Average 1.19 1.09 1.18	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 11.0 9.2	7.2 10.0	Depth Average 10.2 9.1 12.7	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54 13:56 14:00 14:04 14:36	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave mid wave mid wave	Overall Depth, m 6 13 6 14	V Sampling Depth,m 1 3 5 1 6.5 12 1 6.5 12 1 3 5 1 7 7 13 1 1 1 1	ng Shek Veather C Tempera a 18.5 18.5 18.4 18.5 18.3 18.5 18.4 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.3 18.5 18.3 18.5 18.4 18.4 18.4 18.4 18.4 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.63           4.63           4.63           4.63           4.63           4.63           4.64           4.65           4.61           4.58           4.61           4.58           4.65           4.61	d Oxygen           b           4.66           4.57           4.59           4.66           4.62           4.57           4.65           4.65           4.65           4.65           4.65           4.65           4.66	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.67 4.62 4.66	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.2 60.3 60.8	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7 60.9	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3 59.8 60.5	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8	200 pppt 35.8 35.7 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8 35.7	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22 1.13 1.16	NTU b 1.22 1.15 1.29 1.29 1.29 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.24 1.08 1.18 1.06 1.29 1.28	Tide State: Average 1.19 1.09 1.18 1.14	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 11.0 9.2 11.0	7.2 10.0	Depth Average 10.2 9.1 12.7 10.4	Remarks
Date of Station MK1 S MK1 M MK2 M MK2 M MK2 M MK2 B MK3 M MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:50 13:54 13:56 14:00 14:04 14:36 14:40	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave mid wave mid wave	Overall Depth, m 6 13 6 14	Sampling           Depth,m           1           3           5           1           6.5           12           1           3           5           12           1           3           5           12           1           3           5           1           3           5           1           3           5           1           7           13           1           8	ng Shek Veather C Tempera 18.5 18.5 18.4 18.5 18.4 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.63           4.63           4.63           4.63           4.63           4.63           4.64           4.65           4.61           4.58           4.62           4.63           4.64           4.65           4.65           4.61	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.66 4.65 4.65 4.65 4.65 4.63 4.64 4.66 4.61 4.68	Average 4.62 4.59 4.65 4.65 4.62 4.61 4.67 4.62 4.66 4.63 4.58	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.2 60.3 60.8 60.5	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7 60.9 60.9 60.0	Average 60.8 59.7 60.7 60.7 60.7 60.4 61.3 59.8 60.5 60.6 61.0	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8	20 popt 35.8 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.8 35.7 35.7 35.8 35.7 35.7 35.8 35.7 35.7 35.8	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22 1.13 1.16 1.16	NTU b 1.22 1.15 1.29 1.23 1.20 1.23 1.23 1.24 1.08 1.18 1.06 1.29 1.28 1.15	Tide State: Average 1.19 1.09 1.18 1.14	Mid-Ebb Suspenc 13.0 10.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 9.2 11.0 8.4	7.2 10.0	Depth Average 10.2 9.1 12.7 10.4	Remarks
Date of Station MK1 S MK1 M MK2 M MK2 M MK2 B MK2 M MK3 B MK3 B MK3 B MK4 B CK1 S CK1 M CK1 B	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:50 13:54 13:56 14:00 14:04 14:36 14:40 14:44	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave mid wave mid wave	Overall Depth, m 6 13 6 14	Sampling           Depth,m           1           3           5           1           6.5           12           1           3           5           12           1           3           5           12           1           3           5           1           3           5           1           7           13           1           8           15	ng Shek Veather C Tempere a 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.5 18.4 18.4 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, "C b 18.5 18.5 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	Cloudy         Dissolve           a         4.63           4.63         4.62           4.63         4.63           4.63         4.66           4.61         4.58           4.62         4.63           4.63         4.61           4.58         4.62           4.63         4.65           4.61         4.58	d Oxygen           b           4.66           4.57           4.59           4.66           4.62           4.57           4.65           4.65           4.65           4.65           4.65           4.66           4.66           4.65           4.63           4.64           4.66           4.61           4.68	. mg/L Average 4.62 4.59 4.65 4.62 4.61 4.62 4.61 4.62 4.66 4.63	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.2 60.3 60.8 60.5 60.5	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7 60.9 60.0 60.0 60.7 60.9 60.0 60.7 60.7 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.4 60.3 60.7 60.0 60.4 60.3 60.2 61.4 60.2 61.5 60.7 60.0 60.2 61.0 60.2 60.2 60.4 60.2 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.7 60.0 60.4 60.2 60.4 60.2 60.4 60.7 60.0 60.4 60.2 60.7 60.0 60.4 60.2 60.4 60.2 60.4 60.2 60.4 60.2 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7 60.0 60.7	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3 59.8 60.5 60.6	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8	20 popt 35.8 35.8 35.7 35.7 35.7 35.7 35.8 35.8 35.7 35.8 35.8 35.7 35.8 35.8 35.7 35.8 35	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22 1.13 1.16 1.08	NTU b 1.22 1.15 1.29 1.23 1.23 1.24 1.23 1.24 1.08 1.24 1.08 1.29 1.28 1.15 1.20	Tide State: Average 1.19 1.09 1.18 1.14	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 11.0 11.0 9.2 11.0 8.4 8.2	7.2 10.0	Depth Average 10.2 9.1 12.7 10.4	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 B MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling: Time 14:06 14:10 14:14 14:16 14:20 14:24 13:46 13:56 14:00 14:04 14:36 14:40 14:44 14:26	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconstr Depth, m 6 13 6 14 16	V Sampling Depth,m 1 3 5 1 6.5 12 1 6.5 12 1 3 5 1 7 7 13 1 7 13 1 8 15 1 1 1 8 15	ng Shek Veather C Tempera 18.5 18.5 18.4 18.5 18.3 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, °C b 18.5 18.5 18.4 18.4 18.3 18.3 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.59           4.63           4.64           4.65           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.65           4.61           4.58           4.65           4.65           4.65           4.56           4.57	d Oxygen           b           4.66           4.57           4.59           4.66           4.62           4.57           4.65           4.65           4.65           4.65           4.65           4.65           4.65           4.65           4.63           4.64           4.68           4.59           4.63	Average 4.62 4.59 4.65 4.65 4.62 4.61 4.67 4.62 4.66 4.63 4.58	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 59.9 60.3 60.8 60.5 60.7 60.8	Ambie d Oxygen b 61.3 60.7 60.0 60.4 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7 60.9 60.0 61.2 60.9 60.0 60.2 60.7 60.0 60.4 60.7 60.2 60.7 60.0 60.2 60.2 60.2 60.4 60.2	Average 60.8 59.7 60.7 60.7 60.7 60.4 61.3 59.8 60.5 60.6 61.0	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.8	20 pppt 35.8 35.8 35.7 35.7 35.8 35.8 35	Turbidity           1.19           1.04           1.22           0.28           1.15           1.26           1.16           1.30           1.17           0.94           1.22           1.13           1.16           1.18           1.30	NTU b 1.22 1.15 1.29 1.29 1.23 1.30 1.23 1.24 1.08 1.24 1.08 1.29 1.28 1.15 1.20 1.19	Fide State: Average 1.19 1.09 1.18 1.14 1.17	Mid-Ebb Suspenc 13.0 10.0 11.0 9.2 8.6 9.4 12.0 13.0 13.0 13.0 11.0 9.2 11.0 8.4 8.2 18.0	7.2 10.0	Depth Average 10.2 9.1 12.7 10.4 9.2	Remarks
Date of Station MK1 S MK1 M MK2 M MK2 M MK2 M MK2 B MK3 M MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 14:06 14:10 14:14 14:14 14:20 14:24 13:50 13:54 13:56 14:00 14:04 14:36 14:40 14:44 14:26 14:30	No. CV/2004/0 18/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconstr Depth, m 6 13 6 14 16	v           Sampling Depth,m           1           3           5           1           6.5           12           1           3           5           12           1           3           5           11           3           5           1           3           5           1           7           13           1           8           15           1           7.5	ng Shek Veather C Tempera 18.5 18.5 18.4 18.5 18.4 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	and Ko L ondition: ture, <sup>v</sup> C b 18.5 18.5 18.4 18.4 18.3 18.3 18.3 18.3 18.3 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4	Cloudy           Dissolve           a           4.63           4.62           4.63           4.63           4.64           4.65           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.58           4.61           4.55           4.61           4.58           4.62           4.56           4.57           4.58	d Oxygen b 4.66 4.57 4.59 4.66 4.66 4.66 4.65 4.65 4.65 4.65 4.63 4.64 4.66 4.61 4.68 4.59 4.63 4.63	Average 4.62 4.59 4.65 4.65 4.62 4.61 4.67 4.62 4.66 4.63 4.58 4.61	a 61.4 59.8 59.4 60.3 60.6 61.0 59.7 60.8 61.0 59.9 60.3 60.5 60.5 60.7 60.8	Ambie d Oxygen b 61.3 60.7 60.0 60.4 60.3 60.2 61.4 60.3 60.2 61.0 61.5 60.4 59.6 60.7 60.9 60.0 61.2 60.9 60.3 60.7 60.9 60.0 60.7 60.0 60.4 60.7 60.0 60.4 60.2	ent Temper , % Average 60.8 59.7 60.7 60.7 60.4 61.3 59.8 60.5 60.6 61.0 60.5	ature, °C: Salinity, a 35.8 35.8 35.8 35.7 35.7 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.7 35.8 35.8 35.8 35.8	20 popt 35.8 35.7 35.8 35.7 35.7 35.8 35.8 35.7 35.8 35.8 35.7 35.8 35	Turbidity a 1.19 1.04 1.22 0.28 1.15 1.26 1.16 1.30 1.07 0.94 1.22 1.13 1.16 1.08 1.30	NTU           b           1.22           1.15           1.29           1.23           1.23           1.23           1.24           1.28           1.18           1.06           1.29           1.20           1.18           1.06           1.29           1.21           1.18	Fide State: Average 1.19 1.09 1.18 1.14 1.17	Mid-Ebb Suspenc 13.0 10.0 9.2 8.6 9.4 12.0 13.0 13.0 11.0 9.2 11.0 9.2 11.0 8.4 8.2 18.0 7.8	7.2 10.0	Depth Average 10.2 9.1 12.7 10.4 9.2	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	10	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35	ppt	Date:	25/11/2005
	Thermometer:	EM	6167					

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Ambient Temperature,°C: Date of Sampling: 21/11/2005 Weather Condition: sunny 19 Tide State: Mid-Flood Temperature, °C Dissolved Oxygen, mg/L a b a b Average Time Dissolved Oxygen, % a b Ave Salinity, ppt a b Turbidity, NTU a b Suspended Solids, mg/L Station Overall Sampling Remarks Condition Depth, m )epth,m Average b Average verage MK1 S 16:01 1 16.9 16.9 4.73 4.77 60.3 59.8 35.5 35.5 1.01 1.14 11.0 16.0 4.74 60.5 4 11.0 MK1 M 16:05 mid wave 8 16.8 16.8 4.75 4.70 60.8 60.9 35.5 35.5 1.17 1.28 1.17 16.0 12.1 MK1 B 16:09 4.64 4.67 59.4 35.5 1.22 11.0 7 16.8 16.8 4.70 60.1 59.8 35.5 1.19 7.8 MK2 S 16:11 1 16.9 16.9 4.73 4.78 60.7 61.3 35.4 35.4 1.23 1.29 10.0 4.72 60.8 MK2 M 16:15 mid wave 13 16.8 4.65 4.72 60.5 60.5 35.5 35.5 1.20 1.16 1.18 11.0 10.7 6.5 16.8 MK2 B 16:19 16.8 4.73 35.5 11.0 12 16.8 4.73 4.73 60.4 60.6 60.5 35.5 1.03 1.14 MK3 S 15:41 16.9 16.9 4.77 4.79 61.3 61.5 35.5 35.5 1.36 1.41 6.8 1 4.74 61.1 15:45 MK3 M mid wave 10 5 16.7 16.7 4.71 4.68 61.0 60.4 35.4 35.4 1.22 1.15 1.26 7.6 7.5 МКЗ В 15:49 9 16.7 4.83 4.81 4.82 61.2 61.9 61.6 35.5 35.5 1.18 1.22 8.2 16.7 MK4 S 15:51 4.70 4.71 35.5 16.8 16.8 60.3 60.7 35.5 1.26 1.22 8.2 1 4.74 60.9 MK4 M 15:55 mid wave 15 7.5 16.7 16.7 4.72 4.81 61.0 61.4 35.5 35.5 1.19 1.17 1.19 14.0 11.1 MK4 B 15:59 14 16.7 4.65 4.73 4.69 60.3 59.9 35.5 35.5 1.08 1.20 11.0 16.7 60.1 CK1 S 16:31 1 16.8 16.8 4.75 4.71 60.5 60.5 35.4 35.4 1.13 1.08 13.0 4.78 61.1 4.84 62.0 35.4 1.20 CK1 M 16:35 mid wave 17 7.5 16.8 16.8 4.82 61.4 35.4 1.22 1.19 8.0 9.3 CK1 B 16:39 16 16.8 16.8 4.83 4.80 4.82 61.3 61.8 61.6 35.5 35.5 1.29 1.21 7.0 CK2 S 16:17 1.14 1.11 10.0 1 16.9 16.9 4.82 4.79 62.0 62.7 35.4 35.4 4.76 62.0 11.7 CK2 M 16:21 mid wave 16 8 16.8 16.8 4.73 4.71 61.8 61.3 35.4 35.4 1.23 1.33 1.18 15.0 CK2 B 16:25 16.8 16.8 4.70 4.66 4.68 61.3 60.9 35.4 35.4 1.09 1.15 10.0 15 61.1 Equipment used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: Pong 9.8 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: 6167 Calibration Check: 28/11/2005 EM 35.7 ppt Date: Thermometer: EM 6167 Job No.: J429 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Date of Sampling: 21/11/2005 Weather Condition: Site inactive during nigh time Ambient Temperature, °C: 28 Tide State: Mid-Ebb at 03:00 Station Overall Sampling Temperature, "C Dissolved Oxygen, mg/l Turbidity, NTU Suspended Solids mg/L Depth Remarks Time Sea Dissolved Oxygen, Salinity, pp Condition Depth, m Depth,m b Average b Average b verag b а b а а а а verage MK1 S #DIV/0 #DIV/0 MK1 M #DIV/0! #DIV/0! MK1 B #DIV/0! #DIV/0! MK2 S #DIV/0! #DIV/0 #DIV/0! MK2 M #DIV/0 MK2 B #DIV/0! #DIV/0 MK3 S #DIV/0 #DIV/0 МКЗ М #DIV/0! #DIV/0 МКЗ В #DIV/0! #DIV/0 MK4 S #DIV/0! #DIV/0! MK4 M #DIV/0! #DIV/0! MK4 B #DIV/0! #DIV/0! CK1 S #DIV/0 #DIV/0 CK1 M #DIV/0 #DIV/0! CK1 B #DIV/0! #DIV/0! CK2 S #DIV/0! #DIV/0 #DIV/0! CK2 M #DIV/0 CK2 B #DIV/0! #DIV/0 Equipment used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: Pong EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai

### Water Quality Monitoring Data Sheet (Ko Lau Wan)

Thermometer:

Salinity Meter:

EM

6167

EM

9.8 NTU 35.7 ppt

Date:

28/11/2005

<sup>6167</sup> Calibration Check:

Project:	Contract N	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	ers	-	Client:	Kin Shing	Construc	tion Co.,	Ltd.	•	Job No.:	J429	_		
Date of	Sampling:	23/11/2005		v	Veather C	Condition:	Sunny			-	Ambie	ent Temper	ature,°C:	21			Tide State:	Mid-Floo	bd		
Station	Time	Sea	Overall	Sampling		ature, °C					d Oxygen		Salinity,		Turbidity		1.	Suspend	ded Solids		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MK1 S	16:30			1	22.3	22.1	6.09	6.11	5.47	88.5	88.4	82.3	32.6	32.8	1.06	1.08		12.0			
MK1 M	16:34		7	3.5	20.4	20.6	4.85	4.82		76.2	76.1		33.1	33.4	1.42	1.40	1.21	9.6		10.9	
MK1 B	16:36			6	18.0	18.2	4.64	4.63	4.64	74.1	74.0	74.1	34.4	34.5	1.16	1.14		11.0			
MK2 S	16:40			1	22.5	22.4	5.82	5.81	5.56	86.3	86.4	84.1	31.8	31.9	1.30	1.31		11.0			
MK2 M	16:47		16	8	26.7	20.5	5.30	5.32	5.56	81.9	81.9	04.1	32.5	32.6	0.98	1.01	1.13	10.0		10.7	
MK2 B	16:52			15	19.0	19.2	4.04	4.03	4.04	68.7	68.5	68.6	34.0	34.2	1.08	1.07		11.0			
MK3 S	16:02			1	22.8	22.6	5.67	5.65		84.5	84.4		32.2	32.5	1.03	1.04		12.0			
MK3 M	16:12		7	4	21.2	21.0	4.64	4.63	5.15	74.1	74.0	79.3	33.4	33.5	1.19	1.23	1.22	9.4		11.8	
МКЗ В	16:16			6	19.4	19.5	4.49	4.48	4.49	72.7	72.6	72.7	34.1	34.2	1.40	1.41		14.0			
MK4 S	16:18			1	22.3	22.2	5.37	5.36		81.1	81.1		32.9	32.8	1.12	1.13		12.0			
MK4 M	16:22		15	7.5	20.5	20.3	4.42	4.41	4.89	72.9	72.8	77.0	33.8	33.8	1.50	1.52	1.45	13.0		11.5	
MK4 B	16:25			14	18.0	18.2	3.65	3.64	3.65	64.7	64.7	64.7	34.5	34.3	1.74	1.71		9.4			
CK1 S	16:58			1	22.1	22.0	5.03	5.04		78.0	78.2		32.4	32.5	1.41	1.39		9.4			
CK1 M	17:05		17	8	20.2	20.1	4.40	4.39	4.72	72.7	72.7	75.4	33.1	33.0	1.28	1.29	1.46	14.0		12.8	
CK1 B	17:11			16	19.7	19.5	3.82	3.81	3.82	66.8	66.9	66.9	34.9	35.0	1.67	1.70		15.0			
CK2 S	17:15			1	21.5	21.8	4.45	4.43		72.9	72.8		32.2	32.4	1.02	1.04		10.0			
CK2 M	17:18		16	9	19.4	19.5	3.39	3.38	3.91	61.0	61.1	67.0	33.7	33.8	1.30	1.32	1.20	13.0		12.7	
CK2 B	17:26	-	10	15	18.9	18.8	2.64	3.65	3.15	54.5	54.5	54.5	34.4	34.4	1.24	1.25		15.0			
0142 D	17.20			15	10.5	10.0	2.04	0.00	5.15	04.0	04.0	54.5	54.4	54.4	1.24	1.20		10.0			
		Salinity Meter			EM EM	6167		Calibrat	ion Check:		35.3	ppt					Date:		30/11/20	05	
		No. CV/2004/0				and Ko L				-		Kin Shing				•	Job No.: Tide State:		- at 06:00		
Date of	Sampling:	23/11/2005		V	Veather C	and Ko L Condition:	Site inac	tive durin	g night time	e	Ambie	ent Temper	ature,°C:	28			Job No.: Tide State:	Mid-Ebb		mal	Pomorks
				V	Veather C	and Ko L	Site inac	tive durin	g night time	e		ent Temper		28				Mid-Ebb	at 06:00	Depth	Remarks
Date of	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L	e Dissolve	Ambie d Oxygen	ent Temper	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb			Remarks
Date of Station	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L	e Dissolve	Ambie d Oxygen	ent Temper	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station MK1 S MK1 M	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L Average	e Dissolve	Ambie d Oxygen	ent Temper , % Average	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average	Mid-Ebb		Depth Average	Remarks
Date of Station MK1 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L Average #DIV/0!	e Dissolve	Ambie d Oxygen	ent Temper , % Average #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average	Mid-Ebb		Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L Average #DIV/0!	e Dissolve	Ambie d Oxygen	ent Temper , % Average #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average	Mid-Ebb		Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time h, mg/L Average #DIV/0! #DIV/0! *#DIV/0!	e Dissolve	Ambie d Oxygen	#DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb		Depth Average #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L Average #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	+DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb		Depth Average #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time h, mg/L Average #DIV/0! #DIV/0! *#DIV/0!	e Dissolve	Ambie d Oxygen	#DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0!	Mid-Ebb		Depth Average #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	ent Temper , % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n, mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	ent Temper , % Average #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	ent Temper , % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Average #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 A MK4 B	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 M MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:         Average         #DIV/0!         #DIV/0!         #DIV/0!         #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 S CK1 B CK2 S CK2 M	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State: Average #DIV/0! #DIV/0! #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling:	23/11/2005 Sea	Overall	V	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inac	tive durin d Oxygen	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	e Dissolve	Ambie d Oxygen	mt Temper           , %           Average           #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:         Average         #DIV/0!         #DIV/0!         #DIV/0!         #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M CK2 B	Sampling: Time	23/11/2005 Sea Condition	Overall Depth, m	V Sampling Depth,m	Veather C Tempera a	and Ko L	Site inac		g night time n mg/L Äverage #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		Ambie	Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:         Average         #DIV/0!         #DIV/0!         #DIV/0!         #DIV/0!         #DIV/0!	Mid-Ebb Suspend		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 S CK1 B CK2 S CK2 M	Sampling: Time	23/11/2005 Sea	Overall Depth, m	V Sampling Depth,m	Veather C	and Ko L Condition: ature, <sup>o</sup> C	Site inacc Dissolve a	d Oxygen b b c c c c c alibrat	g night time n mg/L Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!		Ambie d Oxygen	<pre>nt Temper , % Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!</pre>	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:         Average         #DIV/0!         #DIV/0!         #DIV/0!         #DIV/0!	Mid-Ebb		Depth Average #DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	Remarks

Thermometer:

EM 6167

Water Quality Monitoring Data Sheet (Ko Lau Wan)

### Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Date of Sampling: 25/11/2005 Weather Condition: Sunny Ambient Temperature,ºC: 26 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Salinity, ppt a Turbidity, NTU a b Station Overall Sampling Suspended Solids, Remarks Time mg/L b Condition Depth, m epth,m Average Average verage MK1 S 1 23.3 23.3 3.84 3.95 54.8 54.5 35.7 35.7 1.20 1.16 9.4 3.82 54.1 7.8 MK1 N mid wave 7 3.5 23.0 23.0 3.73 3.76 53.8 53.4 35.7 35.7 1.03 1.22 1.14 9.7 MK1 B 22.9 12.0 6 22.9 3.81 3.72 3.77 53.5 53.9 53.7 35.6 35.6 1.17 1.05 MK2 S 1 23.3 23.2 3.78 3.76 54.1 53.6 35.7 35.7 1.11 1.24 7.6 7.4 3.81 54.2 MK2 M mid wave 16 22.7 3.82 3.89 54.6 54.5 35.6 35.6 1.06 1.19 1.16 6.2 8.1 8 22.8 10.0 MK2 B 3.74 15 22.8 22.7 3.70 3.72 53.2 53.6 53.4 35.6 35.6 1.21 1.17 8.1 9.4 MK3 S 23.2 23.2 3.91 3.74 55.8 53.7 35.8 35.8 1.13 1.32 10.0 1 3.83 54.5 7 11.0 9.7 MK3 N mid wave 3.5 22.9 22.9 3.86 3.82 54.2 54.4 35.6 35.6 1.16 1.07 1.11 МКЗ В 6 22.8 3.73 3.71 3.72 53.6 35.6 1.02 8.0 22.8 53.9 53.8 35.6 0.98 MK4 S 3.82 54.3 35.7 12.0 23.2 23.2 3.95 55.0 35.7 1.15 1.22 1 3.82 54.3 MK4 N mid wave 15 7.5 22.8 22.8 3.72 3.80 53.7 54.0 35.7 35.7 1.34 1.18 1.17 13.0 12.0 MK4 B 14 22.7 3.95 3.91 3.93 54.8 55.3 35.7 35.7 1.09 11.0 22.6 55.1 1.06 CK1 S 1 22.9 23.0 3.82 3.90 55.5 54.6 35.7 35.7 1.05 1.09 10.0 3.82 54.5 22.7 54.3 53.6 CK1 N mid wave 17 7.5 22.7 3.75 3.79 35.7 35.7 1.24 1.08 1.12 8.2 9.7 CK1 B 16 22.7 22.7 3.74 3.81 3.78 54.1 54.2 54.2 35.7 35.7 1.15 1.08 11.0 CK2 S 11.0 1 23.1 23.1 3.84 3.73 54.2 55.2 35.6 35.6 1.13 1.22 3.82 55.2 9.7 CK2 M mid wave 16 8 22.8 22.7 3.90 3.82 55.6 55.8 35.7 35.7 1.26 1.36 1.22 8.6 CK2 B 22.7 22.7 3.64 3.75 54.3 54.9 35.7 35.7 1.15 1.21 9.6 15 3.70 54.6 Equipment used: Dissolved Oxygen Meter 6167 100 100%: EM Calibration Check: Sampled By: Pong 10.2 NTU 2365 Calibration Check: Checked By: Turbidity Meter: EM Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date 2/12/2005 Thermometer: EM 6167 Job No.: J429 Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Date of Sampling: 25/11/2005 Weather Condition: sunny Ambient Temperature, °C: 26 Tide State: Mid-Ebb Station Overall Sampling Temperature, °C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended S mg/L Remarks Time Sea Salinity, ppt Condition Depth, m epth,m b Average b verag verage b epth а а b а b а а verage MK1 S 23.2 23.2 3.84 3.79 55.4 55.9 35.6 35.6 1.28 1.24 11.0 1 3.82 55.2 MK1 M mid wave 6 3 23.0 23.0 3 91 3 74 54.8 54.6 35.7 35.7 1 19 1.08 1.18 12.0 11.3 MK1 B 5 23.0 23.0 3.81 3.86 3.84 56.0 56.4 56.2 35.7 35.7 1.21 1.06 11.0 MK2 S 1 23.2 23.2 3.76 3.75 55.3 55.8 35.7 35.7 1.06 1.15 14.0 12.0 3.75 55.2 mid wave 15 1.12 13.0 MK2 N 7.5 23.2 3.69 3.80 54.6 54.9 35.8 1.17 1.04 12.0 10.0 23.2 35.7 MK2 B 14 23.0 23.1 3.82 3.88 3.85 55.6 54.8 55.2 35.7 35.7 1.14 1.14 12.0 18.0 MK3 S 23.2 23.2 3.90 3.85 55.9 56.5 35.8 35.8 1.31 1.22 11.0 3.82 56.0 МКЗ М mid wave 6 3 23.1 23.1 3.74 3.77 56.3 55.1 35.7 35.7 1.19 1.15 1.17 13.0 11.3

### Water Quality Monitoring Data Sheet (Ko Lau Wan)

										3.71			56.2									
	CK2 M		mid wave	15	7.5	23.1	23.1	3.68	3.76	3.71	56.2	56.6	30.2	35.7	35.7	1.23	1.03	1.14	11.0		10.6	l
	CK2 B				14	23.0	23.0	3.75	3.74	3.75	57.3	57.4	57.4	35.7	35.7	1.15	1.08		8.8			
E	quipmen	t used:	Dissolved Ox	ygen Meter	r:	EM	6167		Calibrat	ion Check:		100	100%:					Sampled B	Ву:	Pong		
			Turbidity Met	er:		EM	2365		Calibrat	ion Check:		10.2	NTU					Checked E	Ву:	Raymon	d Dai	
			Salinity Meter	r:		EM	6167		Calibrat	ion Check:		35.5	ppt					Date:		2/12/200	5	
			Thermomete	r:		EM	6167															

3.75

3.80

3.72

3.75

3.71

55.6 54.8

56.2 56.6

55.8 55.8

55.3 56.1

57.2 58.3

55.8 56.3

56.8 55.9

56.3 55.8 55.2

56.1

55.7

56.9

56.4

35.7 35.7 1.06 1.09

35.7 35.7 1.25 1.25

35.8 35.8 1.13 1.16

35.7

35.7 35.7 1.39 1.41

35.7 35.7 1 15 1.03

35.7 35.7 0.95 1.06

35.7 35.7

35.7

1.17 1.12

1.15 1.17 10.0

12.0

13.0

11.0

14.0

12.0

12.0

1.18

1.17 14.0 12.0

13.3

МКЗ В

MK4 S

MK4 M

MK4 B

CK1 S

CK1 M

CK1 B

CK2 S

5

1

7

13

1

8

15

1

14

16

mid wave

mid wave

23.2 23.2 3.75 3.75

23.2 23.2 3.84 3.80

23.2

23.1 23.1

23.1 23.1 3.78 3.76

23.0 23.0 3 64 3.81

23.0 23.0 3.71 3.70

23.2

23.1 23.1 3.64

3.74 3.80

3.68

3.75

3.75

## Water Quality Monitoring Data Sheet (Ko Lau Wan)

	Contract N	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	ers		Client:	Kin Shing	Construct	tion Co., L	_td.		Job No.:	J429	_		
Date of	Sampling:	28/11/2005		v	Veather C	ondition:	cloudy			-	Ambie	ent Temper	ature,°C:	25			Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling			Dissolve			Dissolve			Salinity,		Turbidity		-	Suspend	ded Solids		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average		-	Depth Average	
MK1 S	16:46			1	23.1	23.1	4.11	4.05	3.93	57.9	57.5	57.0	35.7	35.8	1.22	1.08		11.0	11.0		
MK1 M	16:50	mid wave	7	3.5	22.9	22.9	3.86	3.71		56.6	56.0		35.6	35.6	1.17	1.24	1.18	11.0	11.0	10.5	
MK1 B	16:54			6	22.8	22.8	3.92	3.84	3.88	55.9	56.8	56.4	35.7	35.6	1.30	1.06		9.0	10.0		
MK2 S	18:56			1	23.0	23.0	4.06	3.94	0.00	57.1	57.5	50.7	35.8	35.8	1.09	1.29		11.0			
MK2 M	17:00	mid wave	16	8	22.9	22.9	3.74	3.80	3.89	55.8	56.2	56.7	35.6	35.6	1.16	1.16	1.18	11.0		10.2	
MK2 B	17:04			15	22.7	22.7	3.76	3.76	3.76	55.6	55.4	55.5	35.7	35.6	1.14	1.23		8.6			
MK3 S	16:26			1	23.2	23.2	3.94	3.90		56.4	56.6		35.7	35.8	1.23	0.81		13.0			
МКЗ М	16:30	mid wave	7	3.5	22.9	22.9	4.11	4.09	4.01	57.3	57.8	57.0	35.7	35.7	1.15	1.19	1.12	10.0		10.7	
MK3 B	16:34			6	22.9	22.9	3.82	3.82	3.82	55.6	55.6	55.6	35.6	35.6	1.10	1.22		9.0			
MK4 S	16:36			1	23.0	23.0	4.12	4.06		57.5	58.1		35.7	35.7	1.31	1.15		13.0			
MK4 M	16:40	mid wave	15	7.5	22.9	22.9	3.72	3.76	3.92	55.8	56.1	56.9	35.6	35.6	1.15	1.04	1.15	9.6		9.8	
MK4 B	16:44	-		14	22.7	22.7	3.81	3.84	3.83	56.2	55.8	56.0	35.6	35.6	1.05	1.18		6.8			
CK1 S	17:06			1	22.9	22.9	3.95	3.99		57.4	56.8		35.7	35.7	1.23	1.22		9.8			
CK1 M	17:10	mid wave	17	8.5	22.8	22.8	3.87	3.79	3.90	55.4	55.1	56.2	35.6	35.6	1.33	0.94	1.14	12.0		10.9	
CK1 B	17:10			16	22.8	22.8	3.82	3.73	3.77	56.9	56.4	56.7	35.7	35.7	1.08	1.06		12.0			
CK1 B	17:14			16	22.8	22.8	4.02	4.00	3.11			30.7	35.7	35.7	0.97			11.0			
		-	40						3.92	57.3	57.3	56.9				1.24	4.40	-		44.0	
CK2 M	17:24	mid wave	16	8	22.8	22.8	3.84	3.81		56.8	56.2		35.7	35.7	1.46	1.15	1.18	10.0		11.3	
CK2 B	17:28			15	22.8	22.8	3.75	3.77	3.76	55.3	55.5	55.4	35.7	35.7	1.22	1.03		12.0			
Equipmer	it used:	Dissolved Ox	vaen Meter	r:	EM	6167		Calibrat	ion Check:		100	100%:					Sampled	Bv:	伊		
Equipinoi		Turbidity Met			EM	2365			ion Check:		10.4						Checked	-	Raymon	d Dai	
		Salinity Mete			EM	6167			ion Check:		35.5						Date:	by.	5/12/200		
		Commerce Wield				0107		Galibrat	ion oncor.		00.0	, PPt					Date.		5/12/200	10	
		Thormomoto	r.		EM	6167															
		Thermomete	r:		EM	6167															
Project:	Contract N	Thermomete		ruction of Wo			au Wan F	Public Pie	rs		Client:	Kin Shing	Construct	tion Co., L	_td.		Job No.:	J429	_		
			12 Reconsti			and Ko L		Public Pie	rs			Kin Shing					Job No.: Fide State:		-		
		No. CV/2004/0 28/11/2005 Sea	02 Reconstr Overall	V	ong Shek Veather C Tempera	and Ko L condition: ature, °C	Sunny Dissolve	d Oxyger	, mg/L	Dissolve	Ambie d Oxygen	ent Temper	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb	- ded Solids		Remarks
Date of	Sampling:	No. CV/2004/0	)2 Reconstr	V	ong Shek Veather C	and Ko L condition:	Sunny				Ambie	ent Temper	ature,°C:	30		, NTU		Mid-Ebb		s, mg/L Depth Average	Remarks
Date of	Sampling:	No. CV/2004/0 28/11/2005 Sea	02 Reconstr Overall	V	ong Shek Veather C Tempera	and Ko L condition: ature, °C	Sunny Dissolve	d Oxyger	n, mg/L Average	Dissolve	Ambie d Oxygen	ent Temper , % Average	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station	Sampling: Time	No. CV/2004/0 28/11/2005 Sea	02 Reconstr Overall	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko L condition: ature, °C b	Sunny Dissolve a	d Oxyger b	, mg/L	Dissolve a	Ambie d Oxygen b	ent Temper	ature,°C: Salinity, a	30 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	ded Solids	Depth	Remarks
Date of Station MK1 S	Sampling: Time 10:36	No. CV/2004/0 28/11/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m	Veather C Tempera a 23.1	and Ko L Condition: ture, °C b 23.1	Sunny Dissolve a 4.16	d Oxyger b 4.13	n, mg/L Average	Dissolve a 5.86	Ambie d Oxygen b 5.90	ent Temper , % Average	ature,°C: Salinity, a 35.4	30 ppt b 35.5	Turbidity a 1.32	, NTU b 1.19	Fide State: Average	Mid-Ebb	ded Solids	Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 10:36 10:40	No. CV/2004/0 28/11/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3	Veather C Tempera a 23.1 22.9	and Ko L condition: ature, <sup>°</sup> C b 23.1 22.9	Sunny Dissolver a 4.16 3.94	d Oxyger b 4.13 3.82	n, mg/L Average 4.01 3.83	Dissolve a 5.86 5.73	Ambie d Oxygen b 5.90 5.75	nt Temper , % Average 5.8 5.7	ature,°C: Salinity, a 35.4 35.6	30 ppt b 35.5 35.6	Turbidity a 1.32 1.19	, NTU b 1.19 1.06	Fide State: Average	Mid-Ebb Suspend 8.6 11.0	10.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 10:36 10:40 10:44	No. CV/2004/0 28/11/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 23.1 22.9 22.9	and Ko L condition: ature, <sup>o</sup> C b 23.1 22.9 22.9	Sunny Dissolve a 4.16 3.94 3.82	d Oxyger b 4.13 3.82 3.83	n, mg/L Average 4.01	Dissolve a 5.86 5.73 5.77	Ambie d Oxygen b 5.90 5.75 5.70	ent Temper , % Average 5.8	ature,°C: Salinity, a 35.4 35.6 35.6	30 ppt 35.5 35.6 35.6	Turbidity a 1.32 1.19 1.08	NTU b 1.19 1.06 1.23	Fide State: Average	Mid-Ebb Suspend 8.6 11.0 9.2	10.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 10:36 10:40 10:44 10:46	No. CV/2004/0 28/11/2005 Sea Condition mid wave	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 23.1 22.9 22.9 23.0	and Ko L condition: ature, <sup>o</sup> C b 23.1 22.9 22.9 23.0	Sunny Dissolver a 4.16 3.94 3.82 4.08	d Oxyger b 4.13 3.82 3.83 3.94	n, mg/L Average 4.01 3.83	Dissolve a 5.86 5.73 5.77 5.88	Ambie d Oxygen b 5.90 5.75 5.70 5.91	nt Temper , % Average 5.8 5.7	ature, °C: Salinity, a 35.4 35.6 35.6 35.5	30 ppt 35.5 35.6 35.6 35.5	Turbidity a 1.32 1.19 1.08 1.24	NTU b 1.19 1.06 1.23 1.20	Fide State: Average 1.18	Mid-Ebb Suspend 8.6 11.0 9.2 13.0	10.0	Depth Average 11.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 10:36 10:40 10:44 10:46 10:50	No. CV/2004/0 28/11/2005 Sea Condition mid wave	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5	Tempera           23.1           22.9           23.0           22.9	and Ko L condition: ature, <sup>o</sup> C b 23.1 22.9 23.0 22.9 23.0 22.9	Sunny Dissolve a 4.16 3.94 3.82 4.08 3.73	d Oxyger b 4.13 3.82 3.83 3.94 3.77	a, mg/L Average 4.01 3.83 3.88 3.88	Dissolve a 5.86 5.73 5.77 5.88 5.63	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68	ent Temper , % Average 5.8 5.7 5.8 5.7 5.8	ature, °C: Salinity, a 35.4 35.6 35.6 35.5 35.4	30 ppt 35.5 35.6 35.6 35.5 35.4	Turbidity a 1.32 1.19 1.08 1.24 1.17	NTU b 1.19 1.06 1.23 1.20 1.08	Fide State: Average 1.18	Mid-Ebb Suspend 8.6 11.0 9.2 13.0 9.6	10.0	Depth Average 11.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54	No. CV/2004/0 28/11/2005 Sea Condition mid wave	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	Tempera           23.1           22.9           23.0           22.9           23.0           22.9           23.0           22.9	and Ko L condition: ature, <sup>o</sup> C b 23.1 22.9 22.9 23.0 22.9 23.0 22.9 22.8	Sunny Dissolver a 4.16 3.94 3.82 4.08 3.73 3.85	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.81	a, mg/L Average 4.01 3.83 3.88	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72	nt Temper , % Average 5.8 5.7 5.8	ature, °C: Salinity, a 35.4 35.6 35.6 35.5 35.4 35.5	30 ppt 35.5 35.6 35.6 35.5 35.4 35.5	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04	NTU b 1.19 1.06 1.23 1.20 1.08 1.13	Fide State: Average 1.18	Mid-Ebb Suspend 8.6 11.0 9.2 13.0 9.6 8.2	10.0	Depth Average 11.3	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1	ong Shek veather C Tempera a 23.1 22.9 22.9 23.0 22.9 22.8 23.2	and Ko L condition: ature, "C b 23.1 22.9 23.0 22.9 23.0 22.9 22.8 23.2	Sunny           Dissolve           a           4.16           3.94           3.82           4.08           3.73           3.85           3.97	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.81 3.92	a, mg/L Average 4.01 3.83 3.88 3.88	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.91	Ambie b 5.90 5.75 5.70 5.91 5.68 5.72 5.82	ent Temper , % Average 5.8 5.7 5.8 5.7 5.8	ature, °C: <u>Salinity,</u> a 35.4 35.6 35.5 35.4 35.5 35.4 35.5 35.4	30 b 35.5 35.6 35.6 35.5 35.4 35.5 35.6	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.07	.NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.13	Tide State: Average 1.18 1.14	Mid-Ebb Suspend 8.6 11.0 9.2 13.0 9.6 8.2 8.0	10.0	Depth Average 11.3 10.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:54 10:16 10:20	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3	Ong Shek           Veather C           Tempera           23.1           22.9           23.0           22.9           23.0           22.9           23.0           22.9           23.0           22.9           23.0           22.9           23.0           23.2           23.0	and Ko L ondition: ture, °C b 23.1 22.9 23.0 22.9 22.8 23.0 22.8 23.2 23.2 23.0	Sunny           Dissolve           a           4.16           3.94           3.82           4.08           3.73           3.85           3.97           3.75	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.81 3.92 3.77	Average 4.01 3.83 3.88 3.83 3.85 3.85 3.88	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.91 5.69	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.61	x Xerrage 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7	ature, °C: Salinity, a 35.6 35.6 35.5 35.4 35.5 35.5 35.6 35.5	30 ppt b 35.5 35.6 35.5 35.4 35.5 35.5 35.6 35.5	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.07 1.18	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.13 1.04	Tide State: Average 1.18 1.14	Mid-Ebb Suspence 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2	10.0	Depth Average 11.3 10.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 B	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16 10:20 10:24	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5	veather C Tempera a 23.1 22.9 22.9 22.9 22.9 22.9 22.9 22.8 23.0 22.9 22.8 23.2 23.0 22.9 22.8	and Ko L condition: ture, 'C b 23.1 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	Sunny Dissolve a 4.16 3.94 3.82 4.08 3.73 3.85 3.97 3.75 3.85	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.81 3.92 3.77 3.90	a, mg/L Average 4.01 3.83 3.88 3.88 3.83 3.85	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.91 5.69 5.74	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.61 5.75	ent Temper , % Average 5.8 5.7 5.8 5.7 5.8 5.7 5.8	ature, °C: Salinity, a 35.6 35.6 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	30 ppt 5 35.5 35.6 35.6 35.5 35.4 35.5 35.5 35.5 35.5	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.07 1.18 1.20	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.13 1.04 0.84	Tide State: Average 1.18 1.14	Mid-Ebb Suspend 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0	10.0	Depth Average 11.3 10.3	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK3 B	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16 10:20 10:24 10:26	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1	rempera a 23.1 22.9 22.9 23.0 22.9 23.0 22.9 23.2 23.2 23.2 23.1	and Ko L condition: 22.9 22.9 23.0 22.9 22.8 23.2 23.0 22.9 23.0 22.9 23.0 23.0	Sunny Dissolve a 4.16 3.94 3.82 4.08 3.73 3.85 3.97 3.75 3.85 4.02	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.94 3.77 3.90 3.95	Average 4.01 3.83 3.88 3.83 3.85 3.88	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.91 5.69 5.74 5.96	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.61 5.75 5.93	x Xerrage 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7	ature,°C: <u>Salinity,</u> a <u>35.4</u> <u>35.6</u> <u>35.6</u> <u>35.5</u> <u>35.5</u> <u>35.5</u> <u>35.5</u> <u>35.5</u>	300 ppt b 35.5 35.6 35.6 35.5 35.5 35.5 35.5 35.5	Turbidity           a           1.32           1.19           1.08           1.24           1.17           1.04           1.07           1.18           1.20           1.13	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.04 0.84 1.22	Tide State: Average 1.18 1.14 1.08	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0	10.0	Depth Average 11.3 10.3 7.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:54 10:16 10:20 10:24 10:26 10:30	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 7	ng Shek Veather C Tempera 23.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.1 22.9 23.1 22.9	and Ko L condition: 22.9 22.9 23.0 22.9 23.0 22.8 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0	Sunny Dissolve a 4.16 3.94 4.08 3.73 3.85 3.97 3.75 3.85 4.02 3.80 3.75	d Oxyger b 4.13 3.82 3.83 3.94 3.94 3.97 3.90 3.95 3.84 3.79	Average 4.01 3.83 3.88 3.83 3.85 3.88 3.89 3.90	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.69 5.74 5.69 5.73	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.82 5.82 5.82 5.83 5.75 5.75 5.75 5.75	Average 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8	Salinity,         a           35.6         35.6           35.6         35.5           35.6         35.5           35.5         35.5           35.5         35.5           35.5         35.5	30 ppt 35.5 35.6 35.5 35.4 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	Turbidity           a           1.32           1.19           1.08           1.24           1.17           1.04           1.07           1.18           1.20           1.13           0.94	NTU         b           1.19         1.06           1.23         1.20           1.08         1.13           1.13         1.04           0.84         1.22           1.15         1.15	Tide State: Average 1.18 1.14 1.08	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 15.0	10.0	Depth Average 11.3 10.3 7.7	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 M MK3 S MK3 M MK3 B MK3 M MK4 S MK4 M MK4 B CK1 S	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16 10:20 10:24 10:26 10:30 10:34 11:06	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 1 7,5 14 1 3 5 1 1 7 13 1	ng Shek Veather C Tempera 23.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.1 22.9 23.1 22.9 23.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	and Ko L condition: ture, <sup>6</sup> C 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.9 23.0 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	Sunny Dissolves a 4.16 3.94 4.08 3.73 3.85 3.85 3.97 3.75 3.85 4.02 3.80 3.75 4.12	d Oxyger b 4.13 3.82 3.83 3.94 3.94 3.94 3.92 3.92 3.92 3.95 3.84 3.79 4.13	Average 4.01 3.83 3.88 3.83 3.85 3.88 3.89 3.90	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.91 5.91 5.96 5.74 5.96 5.73 5.64 5.96	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.82 5.82 5.82 5.82 5.82 5.83 5.75 5.93 5.73 5.70 5.98	Average 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8	ature,°C: <u>Salinity</u> , <u>a</u> 35.4 35.6 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	30 popt 35.5 35.6 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.07 1.18 1.20 1.13 0.94 1.27 0.93	NTU b 1.19 1.23 1.20 1.08 1.13 1.13 1.13 1.04 0.84 1.22 1.15 1.03 1.14	Fide State: Average 1.18 1.14 1.08 1.12	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 13.0 11.0 11.0	10.0	Depth Average 11.3 10.3 7.7	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:54 10:20 10:24 10:26 10:30 10:34 11:06 11:10	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 13 1 1 8	ng Shek Veather C Temperca 23.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.1 22.8 23.1 22.9 23.1 22.9 23.1 22.9 23.1 22.9 22.9 23.1 22.9 22.9 23.1 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 23.0 22.9 22.9 22.9 23.0 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	and Ko L condition: 100 and 100 and 10	Sunny Dissolve a 4.16 3.94 3.82 4.08 3.73 3.85 3.85 3.85 4.02 3.80 3.75 4.02 3.80 3.75 4.12 4.79	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.94 3.97 3.90 3.95 3.84 3.79 4.13 4.85	Average 4.01 3.83 3.88 3.83 3.85 3.88 3.89 3.90 3.77 4.47	Dissolve           a           5.86           5.73           5.87           5.88           5.63           5.63           5.63           5.63           5.63           5.63           5.63           5.63           5.63           5.63           5.63           5.64           5.62	Ambie d Oxygen b 5.90 5.75 5.70 5.68 5.72 5.68 5.72 5.61 5.75 5.93 5.73 5.73 5.70 5.93 5.75 5.73 5.75	State         State           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7	Salinity, a           35.6           35.6           35.6           35.5           35.6           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.5           35.6           35.5	30 0ppt 35.5 35.6 35.6 35.5 35.5 35.5 35.5 35.5	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.27 1.13 0.94 1.27 0.93 1.34	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.04 1.13 1.04 1.22 1.15 1.03 1.14 1.15	Tide State: Average 1.18 1.14 1.08	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 15.0 11.0 10.0 8.8	10.0	Depth Average 11.3 10.3 7.7 13.0	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 10:36 10:40 10:44 10:50 10:54 10:54 10:20 10:24 10:26 10:30 10:34 11:06 11:10 11:14	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave	Overall Depth, m 6 15 6 14	V Samping Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 7 13 1 7 13 1 8 15	ng Shek Veather C Tempere a 23.1 22.9 22.9 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.1 22.8 23.2 23.1 22.9 23.1 22.9 23.1 22.9 23.1 22.9 22.9 23.1 22.9 23.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.9 22.9 23.0 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22	and Ko L condition: 122.9 22.9 22.9 22.9 22.8 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.8 23.0 22.9 22.8 22.9 22.8 22.9 22.8	Sunny Dissolve a 4.16 3.94 3.82 4.08 3.73 3.85 3.85 3.85 4.02 3.80 3.75 4.02 3.80 3.75 4.12 4.79 4.76	d Oxyger b 4.13 3.82 3.83 3.94 3.94 3.94 3.97 3.90 3.95 3.84 3.79 4.13 4.85 4.76	Average 4.01 3.83 3.88 3.83 3.85 3.88 3.89 3.90 3.77	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.72 5.64 5.74 5.74 5.74 5.73 5.64 5.73 5.64 5.73 5.64 5.73	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.61 5.73 5.73 5.73 5.73 5.70 5.93 5.73 5.70 5.93 5.75 5.70	State         State           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7	Salinity,         C:           a         35.6           35.6         35.6           35.6         35.5           35.6         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5	30 pppt 35.5 35.6 35.5 35.4 35.5 35.5 35.5 35.5 35.5 35.6 35.5 35	Turbidity a 1.32 1.19 1.08 1.24 1.17 1.04 1.17 1.18 1.20 1.13 0.94 1.27 0.93 1.34 1.25	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.04 0.84 1.22 1.15 1.03 1.14 1.15 1.30	Fide State: Average 1.18 1.14 1.08 1.12	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 15.0 11.0 10.0 8.8 7.8	10.0	Depth Average 11.3 10.3 7.7 13.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 B MK3 B MK3 B MK3 B MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16 10:20 10:24 10:26 10:30 10:34 11:06 11:10 11:14 10:56	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconstr Depth, m 6 15 6 14 16	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 3 5 1 1 7 13 1 8 15 1	ng Shek Veather C Temperer 2.3.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.9	and Ko L condition: 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.9	Sunny Dissolve. a 4.16 3.94 4.08 3.73 3.85 3.97 3.85 4.02 3.86 3.75 3.85 4.02 3.80 3.75 4.02 3.75 4.02 4.79 4.76	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.90 3.92 3.77 3.90 3.95 3.84 3.79 4.13 4.85 4.76 3.98	Average 4.01 3.83 3.88 3.83 3.85 3.88 3.89 3.90 3.77 4.47	Dissolve a 5.86 5.73 5.88 5.63 5.72 5.91 5.91 5.91 5.96 5.74 5.96 5.73 5.64 5.96 5.62 5.70 5.88	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.61 5.75 5.73 5.73 5.70 5.93 5.73 5.70 5.93 5.75 5.73 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.74 5.74 5.74 5.74 5.74 5.75 5.74 5.74 5.74 5.74 5.75 5.74 5.75	State         State           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7           5.8         5.7	Salinity,           a           35.4           35.6           35.6           35.5           35.6           35.5           35.6           35.5	30 ppt b 35.5 35.6 35.6 35.5 35.6 35.5 35.5 35.5 35.5 35.6 35.5	Turbidity           a           1.32           1.08           1.24           1.77           1.04           1.07           1.18           1.20           1.13           0.94           1.27           0.93           1.34           1.25	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.13 1.13 1.04 0.84 1.13 1.04 1.22 1.15 1.03 1.14 1.15 1.30 1.24	Fide State: Average 1.18 1.14 1.08 1.12 1.19	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 13.0 13.0 15.0 11.0 10.0 8.8 7.8 12.0	10.0	Depth Average 11.3 10.3 7.7 13.0 8.9	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 10:36 10:40 10:44 10:50 10:54 10:54 10:54 10:20 10:24 10:26 10:30 10:34 11:06 11:10 11:14	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 3 5 1 1 7 13 1 8 15 1 1 7,5	ng Shek Veather C Temperca 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22.	and Ko L condition: 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.9 22.9 22.9 22.9 22.9	Sunny Dissolve a 4.16 3.94 4.08 3.73 3.82 4.08 3.73 3.85 4.02 3.86 4.02 3.80 3.75 4.12 4.79 4.76 4.06	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.94 3.97 3.90 3.95 3.84 3.79 4.13 4.85 4.76 3.98 4.04	Average 4.01 3.83 3.88 3.88 3.83 3.85 3.88 3.89 3.77 4.47 4.76 4.03	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.63 5.63 5.63 5.69 5.69 5.74 5.69 5.73 5.64 5.96 5.62 5.62 5.62 5.62 5.88 5.87	Ambie d Oxygen b 5.90 5.75 5.70 5.88 5.72 5.82 5.61 5.73 5.73 5.73 5.73 5.73 5.73 5.73 5.73 5.75 5.73 5.75 5.73 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.75 5.75 5.74 5.75 5.74 5.75	No           Average           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7           5.8           5.7	Salinity, a           35.6           35.6           35.6           35.6           35.5           35.6           35.5	30 0ppt 35.5 35.6 35.6 35.5 35.5 35.5 35.6 35.5 35.6 35.5 35.5	Turbidity           a           1.32           1.19           1.08           1.24           1.17           1.04           1.07           1.18           1.20           1.13           0.94           1.27           0.93           1.34           1.25           1.17           1.18	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.04 1.13 1.04 1.13 1.04 1.15 1.03 1.14 1.15 1.30 1.24 1.13	Fide State: Average 1.18 1.14 1.08 1.12	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 15.0 11.0 10.0 8.8 7.8 12.0 10.0	10.0	Depth Average 11.3 10.3 7.7 13.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 B MK3 B MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S	Sampling: Time 10:36 10:40 10:44 10:46 10:50 10:54 10:16 10:20 10:24 10:26 10:30 10:34 11:06 11:10 11:14 10:56	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconstr Depth, m 6 15 6 14 16	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 3 5 1 1 7 13 1 8 15 1	ng Shek Veather C Temperer 2.3.1 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.9	and Ko L condition: 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.8 22.9 22.9	Sunny Dissolve. a 4.16 3.94 4.08 3.73 3.85 3.97 3.85 4.02 3.86 3.75 3.85 4.02 3.80 3.75 4.02 3.75 4.02 4.79 4.76	d Oxyger b 4.13 3.82 3.83 3.94 3.77 3.90 3.92 3.77 3.90 3.95 3.84 3.79 4.13 4.85 4.76 3.98	Average 4.01 3.83 3.88 3.88 3.83 3.85 3.88 3.89 3.77 4.47 4.76	Dissolve a 5.86 5.73 5.88 5.63 5.72 5.91 5.91 5.91 5.96 5.74 5.96 5.73 5.64 5.96 5.62 5.70 5.88	Ambie d Oxygen b 5.90 5.75 5.70 5.91 5.68 5.72 5.82 5.61 5.75 5.73 5.73 5.70 5.93 5.73 5.70 5.93 5.75 5.73 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.74 5.74 5.74 5.75 5.74 5.74 5.74 5.75 5.74 5.75	State         State           Average         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8           5.7         5.8	Salinity,           a           35.4           35.6           35.6           35.5           35.6           35.5           35.6           35.5	30 ppt b 35.5 35.6 35.6 35.5 35.6 35.5 35.5 35.5 35.5 35.6 35.5	Turbidity           a           1.32           1.08           1.24           1.77           1.04           1.07           1.18           1.20           1.13           0.94           1.27           0.93           1.34           1.25	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.13 1.13 1.04 0.84 1.13 1.04 1.22 1.15 1.03 1.14 1.15 1.30 1.24	Fide State: Average 1.18 1.14 1.08 1.12 1.19	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 8.0 9.2 6.0 13.0 13.0 13.0 15.0 11.0 10.0 8.8 7.8 12.0	10.0	Depth Average 11.3 10.3 7.7 13.0 8.9	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 10:36 10:40 10:44 10:50 10:54 10:54 10:20 10:24 10:26 10:30 10:34 11:06 11:10 11:14 10:56 11:00	No. CV/2004/C 28/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconstr Dverall Depth, m 6 15 6 14 16 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 3 5 1 7.5 1 1 8 15 1 1 8 15 1 1 7.5 14	ng Shek Veather C Temperca 22.9 22.9 22.9 22.9 22.9 22.9 22.9 22.	and Ko L condition: 22.9 22.9 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.9 23.0 22.9 23.0 22.9 23.0 22.9 22.8 22.9 22.9 22.8 22.9 22.9 22.9	Sunny Dissolve a 4.16 3.94 4.08 3.73 3.82 4.08 3.73 3.85 4.02 3.86 4.02 3.80 3.75 4.12 4.79 4.76 4.06	d Oxyger b 4.13 3.82 3.83 3.94 3.94 3.94 3.92 3.94 3.92 3.95 3.84 3.77 3.90 3.95 3.84 4.13 4.85 4.76 3.98 4.04 3.82	Average 4.01 3.83 3.88 3.88 3.83 3.85 3.88 3.89 3.77 4.47 4.76 4.03	Dissolve a 5.86 5.73 5.77 5.88 5.63 5.63 5.63 5.63 5.69 5.69 5.74 5.69 5.73 5.64 5.96 5.62 5.62 5.62 5.62 5.88 5.87	Ambie d Oxygen b 5.90 5.75 5.70 5.88 5.72 5.82 5.61 5.73 5.73 5.73 5.73 5.73 5.73 5.73 5.73 5.75 5.73 5.75 5.73 5.75 5.74 5.75 5.74 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.75 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.74 5.75 5.75 5.74 5.75 5.75 5.75 5.75 5.75 5.74 5.75 5.74 5.75	Average 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	Salinity, a           35.6           35.6           35.6           35.6           35.5           35.6           35.5	30 0ppt 35.5 35.6 35.6 35.5 35.5 35.5 35.6 35.5 35.6 35.5 35.5	Turbidity           a           1.32           1.19           1.08           1.24           1.17           1.04           1.07           1.18           1.20           1.13           0.94           1.27           0.93           1.34           1.25           1.17           1.18	NTU b 1.19 1.06 1.23 1.20 1.08 1.13 1.04 1.22 1.15 1.03 1.14 1.15 1.30 1.24 1.13	Fide State: Average 1.18 1.14 1.08 1.12 1.19	Mid-Ebb Suspenc 8.6 11.0 9.2 13.0 9.6 8.2 6.0 13.0 15.0 11.0 15.0 11.0 10.0 8.8 7.8 12.0 10.0 13.0	10.0	Depth Average 11.3 10.3 7.7 13.0 8.9	Remarks

EM 6167 Thermometer:

Salinity Meter:

EM 6167 Calibration Check:

35.5 ppt

Date:

5/12/2005

# Water Quality Monitoring Data Sheet (Ko Lau Wan) Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: 429 Date of Sampling: 30/11/2005 Weather Condition: cloudy Ambient Temperature, °C: 25 Tide State: Mid-Flood

Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ⁰C b	Dissolve a	d Oxygen b	n, mg/L Average	Dissolve a	d Oxygen b	, % Average	Salinity, a	opt b	Turbidity a	, NTU b	Average	Suspend	led Solids	s, mg/L Depth	Remarks
	1				_	_	_	_	· · · · · · · · · · · · · · · · · · ·	_	-		_	-	_	-			1	Average	
MK1 S				1	22.7	22.7	3.95	3.97	3.87	56.8	57.3	56.1	35.4	35.4	1.08	1.16		9.2			
MK1 M		mid wave	7	3.5	22.8	22.8	3.83	3.71		55.4	55.0		35.4	35.4	1.27	1.05	1.15	6.6		8.6	
MK1 B				6	22.8	22.8	3.76	3.84	3.80	56.3	55.4	55.9	35.4	35.4	1.13	1.18		10.0			
MK2 S				1	22.8	22.8	4.03	3.95	3.90	56.5	55.9	55.4	35.4	35.4	0.93	1.12		11.0			
MK2 M		mid wave	16	8	22.7	22.7	3.79	3.82		54.3	55.0		35.5	35.5	1.16	1.25	1.14	8.2		11.1	
MK2 B				15	22.7	22.7	3.91	3.84	3.88	56.1	55.7	55.9	35.4	35.4	1.17	1.20		14.0			
MK3 S				1	22.7	22.7	3.95	3.84	3.82	57.1	57.3	56.1	35.4	35.4	1.25	1.30		9.4	7.6		
МКЗ М		mid wave	7	3.5	22.7	22.7	3.70	3.79		55.1	54.9		35.4	35.4	0.91	1.05	1.14	8.4	10.0	8.6	
MK3 B				6	22.8	22.8	3.82	3.95	3.89	55.2	55.8	55.5	35.4	35.4	1.11	1.19		8.4	8.0		
MK4 S				1	22.8	22.8	4.02	3.95	3.91	56.5	55.8	55.7	35.4	35.5	0.87	1.07		10.0			
MK4 M		mid wave	15	7.5	22.8	22.8	3.82	3.84	0.01	54.7	55.6	55.7	35.4	35.4	1.24	1.09	1.12	12.0		10.1	
MK4 B				14	22.8	22.8	3.72	3.81	3.77	54.3	54.8	54.6	35.4	35.4	1.23	1.22		8.4			
CK1 S				1	22.7	22.8	3.96	3.80	3.81	57.1	56.6	56.2	35.4	35.4	1.16	1.09		13.0			
CK1 M		mid wave	17	7.5	22.8	22.8	3.75	3.71	5.01	55.4	55.8	50.2	35.4	35.4	1.21	1.18	1.09	11.0		10.8	
CK1 B				16	22.8	22.8	4.13	4.08	4.11	56.4	56.7	56.6	35.4	35.4	1.08	0.84		8.4			
CK2 S				1	22.8	22.8	3.99	4.03	3.85	56.8	55.9	55.3	35.3	35.4	1.34	1.22		15.0			
CK2 M		mid wave	16	8	22.8	22.8	3.65	3.72	3.05	54.4	54.2	JJ.J	35.3	35.3	1.14	1.23	1.20	10.0		11.5	
CK2 B				15	22.8	22.8	3.81	3.85	3.83	56.3	55.8	56.1	35.4	35.4	1.09	1.15		9.6			
		Thermometer	r:		EM	6167															
		Thermometer No. CV/2004/0	2 Reconst	ruction of Wo		and Ko Li		Public Pie	rs			Kin Shing					Job No.: Fide State:		-		
Date of		No. CV/2004/0 30/11/2005	2 Reconst	ruction of Wo	ong Shek Veather C Tempera	and Ko Li condition:	cloudy Dissolve	d Oxygen	, mg/L	Dissolve	Ambie d Oxygen	nt Temper	ature,°C: Salinity,	25 opt	Turbidity	, NTU	Fide State:	Mid-Ebb	- led Solids		Remarks
Date of	Sampling	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek Veather C	and Ko Li condition:	cloudy	d Oxygen			Ambie d Oxygen	nt Temper	ature,⁰C:	25		1		Mid-Ebb		s, mg/L Depth Average	Remarks
Date of	Sampling	No. CV/2004/0 30/11/2005	2 Reconst	ruction of Wo	ong Shek Veather C Tempera	and Ko Li condition:	cloudy Dissolve	d Oxygen	, mg/L	Dissolve	Ambie d Oxygen	nt Temper	ature,°C: Salinity,	25 opt	Turbidity	, NTU	Fide State:	Mid-Ebb		Depth	Remarks
Date of Station	Sampling	No. CV/2004/0 30/11/2005	2 Reconst	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko Li condition: ature, <sup>o</sup> C b	cloudy Dissolve a	d Oxygen b	i, mg/L Average	Dissolve	Ambie d Oxygen b	nt Temper , % Average	ature,°C: Salinity, a	25 opt b	Turbidity a	NTU b	Fide State:	Mid-Ebb Suspend		Depth	Remarks
Date of Station MK1 S	Sampling	No. CV/2004/0 30/11/2005 Sea Condition	2 Reconst Overall Depth, m	Sampling Depth,m	Veather C Tempera a 23.1	and Ko Li condition: ature, <sup>o</sup> C b 23.1	cloudy Dissolve a 3.88	d Oxygen b 4.01	i, mg/L Average	Dissolve a 56.90	Ambie d Oxygen b 55.70	nt Temper , % Average	ature,°C: Salinity, a 35.6	25 opt b 35.6	Turbidity. a 1.24	NTU b 1.17	Fide State: Average	Mid-Ebb Suspend 8.6		Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition	2 Reconst Overall Depth, m	V Sampling Depth,m	Veather C Tempera a 23.1 23.0	and Ko Li condition: ature, <sup>o</sup> C b 23.1 23.0	cloudy Dissolver a 3.88 3.92	d Oxygen b 4.01 3.92	a, mg/L Average 3.93	Dissolver a 56.90 58.30	Ambie d Oxygen b 55.70 57.40	nt Temper , % Average 57.1	ature,°C: Salinity, a 35.6 35.5	25 opt b 35.6 35.5	Turbidity a 1.24 1.13	NTU b 1.17 1.06	Fide State: Average	Mid-Ebb Suspend 8.6 5.8		Depth Average 7.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition	2 Reconst Overall Depth, m	V Sampling Depth,m 1 3 5	Tempera           23.1           23.0           23.1           23.0           23.1           23.0	and Ko Li condition: tture, °C b 23.1 23.0 23.0 23.1 22.9	cloudy           Dissolve           a           3.88           3.92           3.86           3.82	d Oxyger b 4.01 3.92 3.86 3.88 3.88	a, mg/L Average 3.93 3.86 3.84	Dissolve a 56.90 58.30 57.30 56.40 55.80	Ambie d Oxygen b 55.70 57.40 57.90 56.60 56.20	nt Temper. , % Average 57.1 57.6 56.3	ature, °C: Salinity, a 35.6 35.5 35.5 35.5	25 ppt 35.6 35.5 35.5 35.5	Turbidity a 1.24 1.13 1.16 1.41 1.17	NTU b 1.17 1.06 1.19 1.29 1.12	Fide State: Average	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 8.0		Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave	2 Reconst Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 23.1 23.0 23.0 23.1	and Ko Li condition: ature, <sup>°</sup> C b 23.1 23.0 23.0 23.1	cloudy Dissolver a 3.88 3.92 3.86 3.82	d Oxygen b 4.01 3.92 3.86 3.88	a, mg/L Average 3.93 3.86	Dissolver a 56.90 58.30 57.30 56.40 55.80 57.30	Ambie d Oxygen b 55.70 57.40 57.90 56.60 56.20 56.80	nt Temper , % Average 57.1 57.6	ature, °C: Salinity, a 35.6 35.5 35.5 35.5	25 ppt 35.6 35.5 35.5 35.5	Turbidity a 1.24 1.13 1.16 1.41	NTU b 1.17 1.06 1.19 1.29	Tide State: Average	Mid-Ebb Suspend 8.6 5.8 7.6 10.0 8.0 9.8		Depth Average 7.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave	2 Reconst Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5	Tempera           23.1           23.0           23.1           23.0           23.1           22.9           23.1	and Ko Li condition: b 23.1 23.0 23.0 23.0 23.1 22.9 22.9 23.0	cloudy           Dissolve           a           3.88           3.92           3.86           3.82           3.82           3.91           3.82	d Oxygen b 4.01 3.92 3.86 3.88 3.88 3.82 3.94 3.89	a, mg/L Average 3.93 3.86 3.84	Dissolve a 56.90 58.30 57.30 56.40 55.80 57.30 57.20	Ambie d Oxygen b 55.70 57.40 57.90 56.60 56.20 56.80 57.20	nt Temper. , % Average 57.1 57.6 56.3	ature, °C: Salinity, a 35.6 35.5 35.5 35.5	25 ppt 35.6 35.5 35.5 35.5	Turbidity a 1.24 1.13 1.16 1.41 1.17	NTU b 1.17 1.06 1.19 1.29 1.12	Tide State: Average 1.16 1.18	Mid-Ebb Suspend 8.6 5.8 7.6 10.0 8.0 9.8 6.6		Pepth Average 7.3 9.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave	2 Reconst Overall Depth, m 6	V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3	Tempera           23.1           23.0           23.1           23.0           23.1           22.9           22.9           23.1           22.9           23.1	and Ko Li condition: iture, "C b 23.1 23.0 23.0 23.1 22.9 22.9 23.0 22.8	cloudy           Dissolve           a           3.88           3.92           3.86           3.82           3.82           3.91           3.82           3.91	d Oxygen b 4.01 3.92 3.86 3.88 3.88 3.82 3.94 3.89 3.72	a, mg/L Average 3.93 3.86 3.84 3.93 3.83	Dissolvee a 56.90 58.30 57.30 56.40 55.80 57.30 57.20 57.30	Ambie d Oxygen b 55.70 57.40 57.90 56.60 56.20 56.80 57.20 57.60	nt Temper ,% Average 57.1 57.6 56.3 57.1 57.3	ature, °C: Salinity, a 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	25 b 35.6 35.5 35.5 35.5 35.5 35.5 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26	Tide State: Average	Mid-Ebb Suspend 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0	9.4 12.0	Depth Average 7.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave	2 Reconst Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 5	Shek           Veather C           Tempera           23.1           23.0           23.1           22.9           22.9           23.1           22.8           22.8	and Ko Li condition: ture, "C b 23.1 23.0 23.0 23.1 22.9 22.9 22.9 23.0 22.8 22.8 22.8	cloudy           Dissolve           a           3.88           3.92           3.86           3.82           3.81           3.92           3.82           3.91           3.82           3.90           3.80	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.94 3.89 3.72 3.79	a, mg/L Average 3.93 3.86 3.84 3.93	Dissolvee a 56.90 57.30 55.80 57.30 57.20 57.20 57.50	Ambie d Oxygen b 55.70 57.40 57.90 56.60 56.20 56.80 57.20 57.20 56.90	nt Temper , % Average 57.1 57.6 56.3 57.1	ature, °C: Salinity, a 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	25 ppt b 35.5 35.5 35.5 35.5 35.5 35.5 35.6 35.6	Turbidity           a           1.24           1.13           1.16           1.41           1.17           1.08           1.15           1.08           1.29	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32	Tide State: Average 1.16 1.18	Mid-Ebb Suspend 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0 13.0	9.4	Pepth Average 7.3 9.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 B MK2 M MK2 B MK2 B MK3 M MK3 B MK3 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6	V           Sampling           Depth,m           1           3           5           1           7.5           14           3           5           1           3           5           14           1           3           5           1	Shek           Tempera           23.1           23.0           23.1           22.9           23.1           22.9           23.1           22.8           22.8           23.1	and Ko Li condition: ture, <sup>v</sup> C b 23.1 23.0 23.0 23.1 22.9 22.9 23.0 22.9 23.0 22.8 22.8 22.8 23.1	cloudy Dissolve a 3.88 3.92 3.86 3.82 3.82 3.82 3.90 3.80 3.78	d Oxyger b 4.01 3.92 3.86 3.88 3.82 3.82 3.94 3.89 3.72 3.79 3.85	a, mg/L Average 3.93 3.86 3.84 3.93 3.83	Dissolve           a           56.90           58.30           57.30           55.80           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           58.10	Ambie d Oxygen 55.70 57.40 57.90 56.60 56.20 56.80 57.60 57.60 57.60 57.60	nt Temper ,% Average 57.1 57.6 56.3 57.1 57.3	ature, °C: Salinity, a 35.6 35.5 35.7 35.	25 ppt 35.6 35.5 35.5 35.5 35.5 35.6 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17	NTU         b           1.17         1.06           1.19         1.29           1.12         1.03           1.14         1.26           1.32         1.04	Fide State: Average 1.16 1.18 1.21	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0 13.0 7.8	9.4 12.0	Depth Average 7.3 9.3 11.3	Remarks
Date of Station MK1 S MK1 M MK2 M MK2 M MK2 M MK3 M MK3 M MK3 B MK4 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave	2 Reconst Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 5	ng Shek Veather C Temperer a 23.1 23.0 23.0 23.0 22.9 22.9 23.1 22.8 22.8 22.8 23.1 22.8 23.1 22.8	and Ko Li condition: 100 and 100 and 1	cloudy           Dissolve           a           3.88           3.92           3.86           3.82           3.81           3.92           3.82           3.91           3.82           3.90           3.80	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.94 3.89 3.72 3.79	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.80 3.79	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.20 57.30 57.20 57.30 57.10	Ambie d Oxygen b 55.70 57.90 56.60 56.20 56.80 57.60 57.60 56.90 57.60	nt Temper , % Average 57.1 57.6 56.3 57.1 57.3 57.2 57.4	ature, °C: Salinity, a 35.6 35.5	25 opt 35.6 35.5 35.5 35.5 35.5 35.5 35.6 35.6	Turbidity           a           1.24           1.13           1.16           1.41           1.17           1.08           1.15           1.08           1.29	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32	Tide State: Average 1.16 1.18	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 9.8 6.6 10.0 13.0 7.8 12.0	9.4 12.0	Pepth Average 7.3 9.3	Remarks
Date of Itation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 M MK4 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6	V           Sampling           Depth,m           1           3           5           1           7.5           14           3           5           1           3           5           14           1           3           5           1	ong Shek Veather C Tempere 23.1 23.0 23.0 23.1 22.9 23.1 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1	and Ko Li condition: 1000 23.0 23.0 23.0 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1	cloudy Dissolve a 3.88 3.92 3.86 3.82 3.80 3.8	d Oxyger b 4.01 3.92 3.86 3.88 3.82 3.82 3.94 3.89 3.72 3.79 3.85	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.30 57.30 57.50 57.50 57.10 57.10 57.80	Ambie d Oxygen 55.70 57.40 57.90 56.60 56.20 56.80 57.60 57.60 57.60 57.60	nt Temper- , % Average 57.1 57.6 56.3 57.1 57.3 57.2	ature, °C: Salinity, a 35.6 35.5	25 oppt 35.6 35.5 35.5 35.5 35.6 35.6 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17	NTU         b           1.17         1.06           1.19         1.29           1.12         1.03           1.14         1.26           1.32         1.04	Fide State: Average 1.16 1.18 1.21	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0 13.0 7.8 12.0 12.0	9.4 12.0	Depth Average 7.3 9.3 11.3	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M MK4 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6 14	ruction of Wc           V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7	ong Shek Veather C 23.1 23.0 23.0 23.0 23.1 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1	and Ko Li condition: 100 and 100 and 1	cloudy           Dissolve           a           3.88           3.92           3.86           3.82           3.81           3.82           3.82           3.82           3.91           3.82           3.90           3.80           3.78           3.77	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.94 3.89 3.72 3.79 3.85 3.75	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.80 3.79	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.20 57.30 57.30 57.50 58.10 57.10	Ambie d Oxygen 55.70 57.40 57.40 56.60 56.60 57.60 57.60 57.60 57.60 58.40 58.40 57.30	nt Temper , % Average 57.1 57.6 56.3 57.1 57.3 57.2 57.4	Salinity,         C:           a         35.6           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5	25 opt 35.6 35.5 35.5 35.5 35.6 35.6 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17 1.12	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32 1.04 1.22	Fide State: Average 1.16 1.18 1.21 1.12	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 9.8 6.6 10.0 13.0 7.8 12.0 12.0 11.0	9.4 12.0	Depth Average 7.3 9.3 11.3 10.6	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6	Sampling           Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           1           1           3           5           1           7           13	ong Shek Veather C Tempere 23.1 23.0 23.0 23.1 22.9 23.1 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1	and Ko Li condition: 1000 23.0 23.0 23.0 23.0 22.9 23.0 22.9 23.0 22.8 23.0 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1	cloudy Dissolve a 3.88 3.92 3.86 3.82 3.8	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.94 3.89 3.72 3.79 3.85 3.75 3.90	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80 3.79 3.88	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.30 57.30 57.50 57.50 57.10 57.10 57.80	Ambie d Oxygen b 55.70 57.40 56.60 56.20 56.80 57.60 57.60 56.90 56.90 58.40 57.30 58.40	nt Temper , % Average 57.1 57.6 56.3 57.1 57.3 57.3 57.2 57.4 58.1	ature, °C: Salinity, a 35.6 35.5	25 oppt 35.6 35.5 35.5 35.5 35.6 35.6 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17 1.12 1.08	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32 1.04 1.22 1.04	Fide State: Average 1.16 1.18 1.21	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 9.8 6.6 10.0 13.0 7.8 12.0 11.0 11.0	9.4 12.0	Depth Average 7.3 9.3 11.3	Remarks
Date of Itation MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M CK1 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6 14	v           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           1           7           13           1	ong Shek Veather C 23.1 23.0 23.0 22.9 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.0 22.9 22.9 22.9 22.9	and Ko Li condition: 123.0 23.0 23.0 22.9 22.9 23.0 22.8 23.0 22.8 23.1 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.9 22.9	cloudy           Dissolves           a           3.88           3.92           3.86           3.82           3.82           3.91           3.82           3.90           3.78           3.77           3.86           3.77	d Oxygen b 4.01 3.92 3.86 3.88 3.88 3.88 3.88 3.88 3.88 3.89 3.72 3.79 3.85 3.75 3.90 3.76	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80 3.79 3.88	Dissolve           a           56.90           58.30           57.30           56.40           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.30           57.50           58.10           57.70           57.30	Ambie d Oxygen b 55.70 57.40 56.60 56.20 56.80 57.60 57.60 56.90 58.40 58.40 57.30 56.90 56.90 57.30 56.90 57.40 56.90 57.40 57.40 56.90 57.40 56.90 57.40 57.40 57.40 56.90 57.40 57.40 57.40 57.40 57.40 56.20 57.40 57.40 56.20 57.40 56.20 57.40 56.20 57.40 56.20 57.40 56.20 57.40 57.40 56.20 57.40 57.40 57.40 56.20 57.40 57.	nt Temper , % Average 57.1 57.6 56.3 57.1 57.3 57.3 57.2 57.4 58.1	aure, °C:           a           35.6           35.5	25 ppt 35.6 35.5 35.5 35.5 35.6 35.6 35.6 35.6 35.6 35.5 35.	Turbidity           a           1.24           1.13           1.16           1.41           1.17           1.08           1.15           1.08           1.29           1.17           1.29           1.12           1.08           1.34	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32 1.04 1.22 1.04 1.22 1.11	Fide State: Average 1.16 1.18 1.21 1.12	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 9.8 6.6 10.0 13.0 7.8 12.0 12.0 11.0	9.4 12.0	Depth Average 7.3 9.3 11.3 10.6	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6 14	ruction of Wc           V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7           13           1           8	ng Shek Veather C Temperer a 23.1 23.0 23.0 23.0 22.9 22.9 23.1 22.8 22.8 23.1 22.8 22.8 22.8 23.0 22.9 23.1 22.8 23.1 22.8 23.0 22.9 23.1 22.8 23.0 22.9 23.1 22.8 23.0 22.9 23.1 22.9 22.9 23.1 22.8 23.0 22.8 23.1 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0	and Ko Li condition: 100 and 100 and 1	cloudy Dissolve a 3.88 3.92 3.86 3.82 3.82 3.82 3.82 3.90 3.80 3.77 3.86 3.77 3.86	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.94 3.89 3.72 3.79 3.85 3.75 3.90 3.76 3.79	Average Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80 3.79 3.88 3.79	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.30 57.30 57.30 57.10 57.10 57.10 57.10 57.30	Ambie d Oxygen b 55.70 57.40 56.60 56.20 56.80 57.60 57.60 56.90 56.90 58.40 57.30 58.40	nt Temper , % Average 57.1 57.6 56.3 57.1 57.3 57.2 57.4 58.1 57.1	Salinity,         C:           a         35.6           35.5         35.5           35.5         35.5           35.5         35.6           35.5         35.6           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.5           35.5         35.6           35.5         35.6	25 opt 35.6 35.5 35.5 35.5 35.5 35.6 35.6 35.6 35.6 35.6 35.5 35.	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17 1.12 1.08 1.34 1.24	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.14 1.26 1.32 1.04 1.22 1.04 1.22 1.11 1.36 1.15	Fide State: Average 1.16 1.18 1.21 1.12	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 9.8 6.6 10.0 13.0 7.8 12.0 11.0 11.0	9.4 12.0	Depth Average 7.3 9.3 11.3 10.6	Remarks
Date of Itation MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 M MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B	Sampling	No. CV/2004/0 30/11/2005 Sea Condition mid wave mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6 14	Fraction of Wo         V           Sampling         Depth,m           1         3           5         1           7.5         14           1         3           5         1           7.5         14           1         3           5         1           3         5           1         3           5         1           7         13           1         8           15         15	ong Shek Veather C 23.1 23.0 23.0 22.9 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.0 22.9 22.9 22.9 22.9	and Ko Li condition: 123.0 23.0 23.0 22.9 22.9 23.0 22.8 23.0 22.8 23.1 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.8 23.0 22.9 22.9	cloudy Dissolve a 3.88 3.92 3.86 3.82 3.82 3.82 3.82 3.82 3.90 3.80 3.70 3.77 3.86 3.77 3.86 3.77 3.86	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.82 3.82 3.72 3.79 3.85 3.75 3.75 3.76 3.90 3.76 3.79 3.82	. mg/L Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80 3.79 3.88 3.79 3.85	Dissolvea a 56.90 58.30 57.30 55.80 57.30 57.30 57.30 57.30 57.10 57.80 57.80 57.80 57.80 57.80	Ambie d Oxygen b 55.70 57.40 56.60 56.60 56.80 57.60 57.60 56.90 58.40 57.30 58.40 57.20 58.40 57.20	S7.1           57.1           57.6           56.3           57.1           57.3           57.2           57.4           58.1           57.4	aure, °C:           a           35.6           35.5	25 ppt 35.6 35.5 35.5 35.5 35.6 35.6 35.6 35.6 35.6 35.5 35.	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.15 1.08 1.29 1.17 1.12 1.08 1.34 1.24 1.08	NTU b 1.17 1.06 1.19 1.29 1.12 1.03 1.12 1.22 1.04 1.22 1.04 1.22 1.11 1.36 1.15 1.17	Fide State: Average 1.16 1.18 1.21 1.12	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0 13.0 7.8 12.0 11.0 11.0 11.0 9.4	9.4 12.0	Depth Average 7.3 9.3 11.3 10.6	Remarks
Date of station MK1 S MK1 M MK2 M MK2 B MK2 M MK2 B MK3 B MK3 B MK3 B MK4 B CK1 S CK1 M CK1 B	Sampling	No. CV/2004/0 Sea Condition mid wave mid wave mid wave mid wave	2 Reconst Overall Depth, m 6 15 6 14 16	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 3 5 1 1 7 13 1 1 8 15 1 1	ong Shek Veather C 23.1 23.0 23.1 22.9 23.1 22.9 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.1 22.8 23.0 22.9 23.0 22.9 23.0 22.9 23.0	and Ko Li condition: 1000 23.1 23.0 23.0 22.9 23.0 22.8 22.8 22.8 22.8 22.8 22.8 22.8 22	cloudy Dissolve a 3.88 3.92 3.82 3.82 3.82 3.82 3.82 3.82 3.82 3.82 3.81 3.82 3.80 3.8	d Oxygen b 4.01 3.92 3.86 3.88 3.82 3.89 3.82 3.89 3.72 3.89 3.72 3.85 3.75 3.90 3.76 3.90 3.82 3.90	Average Average 3.93 3.86 3.84 3.93 3.83 3.83 3.80 3.79 3.88 3.79 3.85	Dissolver a 56.90 58.30 57.30 55.80 57.30 57.30 57.30 57.50 57.10 57.80 57.80 57.30 57.50 57.20	Ambie d Oxygen b 55.70 57.40 57.40 56.60 56.60 57.60 57.60 57.60 57.60 58.40 57.60 57.60 57.60 57.60 57.70 57.60 57.70 57.60 57.60 57.70 57.60 57.70 57.60 57.60 57.70 57.60 57.60 57.70 57.60 57.70 57.60 57.70 57.60 57.70 57.60 57.70 5	S7.1           57.1           57.6           56.3           57.1           57.3           57.2           57.4           58.1           57.4	ature, °C: Salinity, a 35.6 35.5	25 opt 35.6 35.5 35.5 35.5 35.5 35.6 35.6 35.6	Turbidity a 1.24 1.13 1.16 1.41 1.17 1.08 1.29 1.17 1.22 1.08 1.34 1.24 1.24 1.24 1.24	NTU           b           1.17           1.06           1.19           1.29           1.12           1.03           1.14           1.26           1.32           1.04           1.22           1.11           1.36           1.15           1.17	Fide State: Average 1.16 1.18 1.21 1.22	Mid-Ebb Suspenc 8.6 5.8 7.6 10.0 8.0 9.8 6.6 10.0 13.0 7.8 12.0 12.0 12.0 11.0 9.4 9.0	9.4 12.0	Depth Average 7.3 9.3 11.3 10.6 10.5	Remarks

 
 EM
 2365
 Calibration Check:
 10.8
 NTU
 Checked By: Raymond Dai 35.6 ppt Date: Salinity Meter: EM 6167 Calibration Check:

Thermometer:

EM 6167

7/12/2005



Appendix E

Monitoring Schedule - Upcoming month

## CEDD Construction No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Water Quality Monitoring Schedule Environmental Monitoring Schedule December 2005

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
					WQM <sup>3</sup>	
					(Ebb: 12:26)	
					(Flood: 16:43)	
4	5	6	7	8	9	10
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 14:20)		(Ebb: 16:38)		(Ebb: 18:20)	
	(Flood: 9:34)		(Flood: 11:31)		(Flood: 13:19)	
11	12	13	14	15	16	17
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 9:28)		(Ebb:11:12)		(Ebb: 12:14)	
	(Flood: 15:37)		(Flood: 16:57)		(Flood: 17:52)	
18	19	20	21	22	23	24
	2		2		2	
	WQM <sup>3</sup>		WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 01:07)*		(Ebb: 15:31)		(Ebb: 03:34)*	
	(Flood: 9:22)		(Flood: 10:54)		(Flood: 12:19)	
25		27	28	29	30	31
	Public Holiday	Public Holiday				
			WQM <sup>3</sup>		WQM <sup>3</sup>	
			(Ebb: 9:57)		(Ebb: 11:30)	
			(Flood: 15:04)		(Flood: 15:51)	

Notes:

1. WQM - water quality monitoring on mid-flood and mid-ebb tides at Wong Shek (CW1, CW2, MW1 & MW2)

2. WQM - water quality monitoring on mid-flood and mid-ebb tides at Ko Lau Wan (CK1, CK2, MK1, MK2, MK3 & MK4)

3. WQM - water quality monitoring on mid-flood and mid-ebb tides at Ko Lau (CK1, CK2, MK1, MK2, MK3 & MK4) and Wong Shek (CW1, CW2, MW1 & MW2))

\* There will be no sample collection at Mid-ebb tides, due to site inactive during the mid-ebb period