

# CONTRACT NO: CV/2004/02

# RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

# ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (WONG SHEK)

- OCT 2005 -

CLIENT:

## Kin Shing Construction Company Limited

1/F, 27 Yin Chong Street, Mongkok, Kowloon, H.K.

Telephone: (852) 2835 7087 Facsimile: (852) 2780-2805

## PREPARED BY:

## Lam Environmental Services

14/F Honour Industrial Centre 6 Sun Yip Street Chai Wan, H.K.

Telephone: (852) 2897-3282 Facsimile: (852) 2897-5509 E-mail: <u>lab@lamconstruct.com.hk</u> Website: <u>http://www.lamconstruct.com</u>

**CERTIFIED BY:** 

DATE:

15 Dec 2005

Raymond Dai Senior Environmental Scientist

Fugro Development Centre 5 Lok Yi Street, 17 M.S. Castle Peak Road, Tai Lam, Tuen Mun, N.T., Hong Kong.	<b>S LIMITED</b> Telephone : +852-24508233 Telefax : +852-24506138 Email : mcl@fugro.com.hk	Material.ab
FAX MESSAGE		

Priority	🗆 normal / 🗆 urgent			
То	Lam Environmental Services	Ref. No.	MCLF1344	
Country		Fax No.	2897 5509	
Attn.	Mr. Raymond Dai	Date	15 December 2	2005
From	Joseph Poon	No. of Pages	1	(Incl. this page)
C.c. To	Mr. Simon Fok (Kin Shing Con. Co. Ltd.)	Fax No.	2729 7858	
Subject	Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko L Monthly EM&A Summary Report	au Wan Public		

We refer to the October Monthly EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 12 December 2005 and are pleased to confirm we have no further comment on the reports.

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

Best regards,

. (6), 11

Joseph Poon Independent Environmental Checker

JP/cy

#### CONFIDENTIALITY NOTICE

This facsimile transmission is intended only for the use of the addressee and is confidential. If you are not the addressee it may be untawful for you to read, copy, disclose or otherwise use the information in this facsimile. If you are not the intended recipient, please teléphone or fax us immediately.

# (If you do not receive all pages, please fax response or phone +852-24508233.) A Member of the Fugro Group

÷., Dec 12 .02 P.01/01 12:21

.... 



## CONTENTS

Ex	ecutive	Summary	1
1	Introd	uction	1
	1.1	Scope of the Report	1
	1.2	Structure of the Report	1
2	Projec	t Background	3
	2.1	Scope of the Project and Site Description	3
	2.2	Project Organization and Contact Personnel	3
	2.3	Construction Programme and Works	3
3	Implen	nentation Status	4
	3.1	Status of Regulatory Compliance	4
	3.2	Implementation of Pollution Control / Mitigation Measures	4
4	Monito	oring Requirements	5
	4.1	Water Quality Monitoring	5
	4.2	Monitoring Parameters and Frequency	8
	4.3	Water Quality Criteria	8
	4.4	Monitoring Programme	9
5	Monito	oring Results	10
	5.1	Water Quality Monitoring Results	10
	5.2	Waste Monitoring Results	10
6	Compl	liance Audit	11
7	Site In	spection and Audit	12
8	Compl	laints, Notification of Summons and Prosecution	13
9	Future	e Key Issues	14
10	Conclu	usion	15



## LIST OF TABLES

Table 2.2	Contact Details of Key Personnel
Table 3.1	Cumulative Summary of Valid Licences and Permits
Table 4.1a	Water Quality Monitoring Stations
Table 4.1b	Laboratory Test Procedures
Table 4.2	Water Quality Monitoring Parameters and Frequencies
Table 4.3	Action and Limit Levels for Water Quality Monitoring
Table 4.4	Environmental Monitoring Programme – Oct 05
Table 5.1a	Water Quality Monitoring Results (mid-flood tide) – Oct 05
Table 5.1b	Water Quality Monitoring Results (mid-ebb tide) – Oct 05
Table 6.1a	Summary of Water Quality Exceedance (mid-flood tide) – Oct 05
Table 6.1b	Summary of Water Quality Exceedance (mid-ebb tide) – Oct 05
Table 7	Summary of Environmental Inspection and Audit – Oct 05
Table 8a	Environmental Complaints Log
Table 8b	Cumulative Statistics on Complaints
Table 8c	Cumulative Statistics on Successful Prosecutions
Table 8c	Cumulative Statistics on Notification of Summons
Table 9	Construction Activities and Recommended Mitigation Measures – Oct 2005

## LIST OF FIGURES

<u>Figure 2.1</u>	Location Plan
Figure 2.3	Master Construction Programme
Figure 4.1	Layout of Environmental Monitoring Stations
<u>Figure 5.1a-h</u>	Graphical Plots of Water Quality Monitoring Results

#### LIST OF APPENDICES

<u>Appendix A</u>	Organization Chart
<u>Appendix B</u>	Implementation Schedule of Mitigation Measures
<u>Appendix C</u>	Calibration Certificates for Monitoring Equipment
<u>Appendix D</u>	Water Quality Monitoring Results
<u>Appendix E</u>	Monitoring Schedule - Upcoming month

## EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for Oct 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  $31^{st}$  Oct 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

## Water Quality Monitoring

26 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

7.9m<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

4 site inspections were conducted by the Environmental Team (ET) in this reported period. An audit by the Independent Environmental Checker (IEC) was conducted on 26 Oct 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
-	5-Oct	No particular finding	-	-
-	14-Oct	No particular finding	-	-
-	17-Oct	No particular finding	-	-
-	26-Oct	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 concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>	



## 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 31<sup>st</sup> Oct 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	W H Lee	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

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)	Surface & Middle For Wong Shek – 6.96	<u>Surface &amp; Middle</u> For Wong Shek – 6.69
	Bottom 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 – Oct 05

		Water Quality (DO, Turbidity, SS)	Site Inspection
Oct	2005	MW1, MW2, CW1, CW2	
1	Sat		
2	Sun		
3	Mon	X	
4	Tue		
5	Wed	X	Х
6	Thu		
7	Fri	X	
8	Sat		
9	Sun		
10	Mon	X	
11	Tue		
12	Wed	X	
13	Thu		
14	Fri	X	Х
15	Sat		
16	Sun		
17	Mon	X	Х
18	Tue		
19	Wed	Х	
20	Thu		
21	Fri	Х	
22	Sat		
23	Sun		
24	Mon	X	
25	Tue		
26	Wed	X	X (w/ IEC)
27	Thu		
28	Fri	X	
29	Sat		
30	Sun		
31	Mon	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 26 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) – Oct 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	4.67	4.18	1.48	11.0
MW2	4.74	4.30	1.42	9.2
CW1	4.66	4.39	1.36	10.5
CW2	4.57	4.07	1.61	9.8

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

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	4.79	4.51	1.49	11.4
MW2	4.65	4.17	1.42	9.5
CW1	4.49	4.18	1.36	9.6
CW2	4.59	4.37	1.55	9.0

5.2

## WASTE MONITORING RESULTS

7.9m<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) – Oct 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) – Oct 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 8 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 4 inspections during this reporting period. An audit was undertaken by the IEC on 26 Oct 2005. The results of these inspections and outcomes are summarized in *Table 7*.

 Table 7
 Summary of Environmental Inspection and Audit – Oct 05

Item	Date	Observations	Action taken by Contractor	Outcome
-	5-Oct	No particular finding	-	-
-	14-Oct	No particular finding	-	-
-	17-Oct	No particular finding	-	-
-	26-Oct	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 <u>Appendix E</u>.

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

Construction Works	Predict Impacts	Proposed Mitigation Measures
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>



## 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		
C C C C C C C C C C C C C C C C C C C	2. ALL CO-C GEODETIC 3. ALL LEVE	ENSIONS ARE DRDINATES RE DATUM 1980 ELS REFER TO IN METRES.	IN MILLIMETF FER TO HONG AND ARE IN	KONG METRES.
LONG HARBOUR (TAI TAN HOI) 835 000N 835 000N		OLLARD AVIGATION LI	GHT	
00 832 900N	no. date	descriptio	on c	hecked approved
	REVISI	ON		
	designed	name	initial	date
	drawn			
	traced			
	checked			
	approved			
	contract no.			
	file no.			
	project no.			
832 800N	contract			
	drawing title			
		SHEK PI ERAL L		PIER
	drawing no.		8	scale
	office			
COPYRIGHT RESERVED	CEDD	CIVIL AND D DEPAR HONG	EVELOP TMENT KONG	



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
Ťnét Nux.	Diction	Shri Finna	Perdecesses	NIN NIN N	1. yi bo	ne ne 100 km i 100 km I 100 km i 10
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 ให้สุดรู้สุดรู้สุดรู้สุดสุดสารสุดสาราชสุดสุดสุดสุดสุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดสุดรู้สุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดส สุดรู้สุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้ส สุดรู้สุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้สุดสุดรู้ส
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		1.6	21	FITTERENE ENTERSTER FITTERE FITTER
Application and installation of telephone fines	75 days	Sun 05/1/16 Thu 05/3/31		1	27	· CITIZZZIARENTZIARENTERTERTERTERTE
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	asaaanna	
Endorsement of EM&A prograal	12 days	Wed 0491229 Sun 05/1/9	27	1 1	28 <b>1</b> 9519	
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 the second se
Post construction manifering	2.8 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 Frendrume (Version 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 para secondo con	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			GRADITATION CONTRACTOR	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	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.	- 45	
		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 garaasa	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			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	A 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
	Installation of convision monitoring system	30 days	Fri 05/12/9	Sal 06/L/7	76,74	1		1	1	10			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		10	
	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 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	1	
*	Site works	31 days	Tue 06/6/6	Thu 06/7/6	84,31	1					12 B. 1		1
÷.	Electrical system, CLP meter bax 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 06/1/29	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 Vasian 31	Pogena			0.000000000	1997 (1998) (1997) (199							
1986	Split	Commancement	Hileatorg	Campleli	or. Mileston	Cinical	Trak (See 1)	Manalla	Mainenince Perind	Willia:	11112		

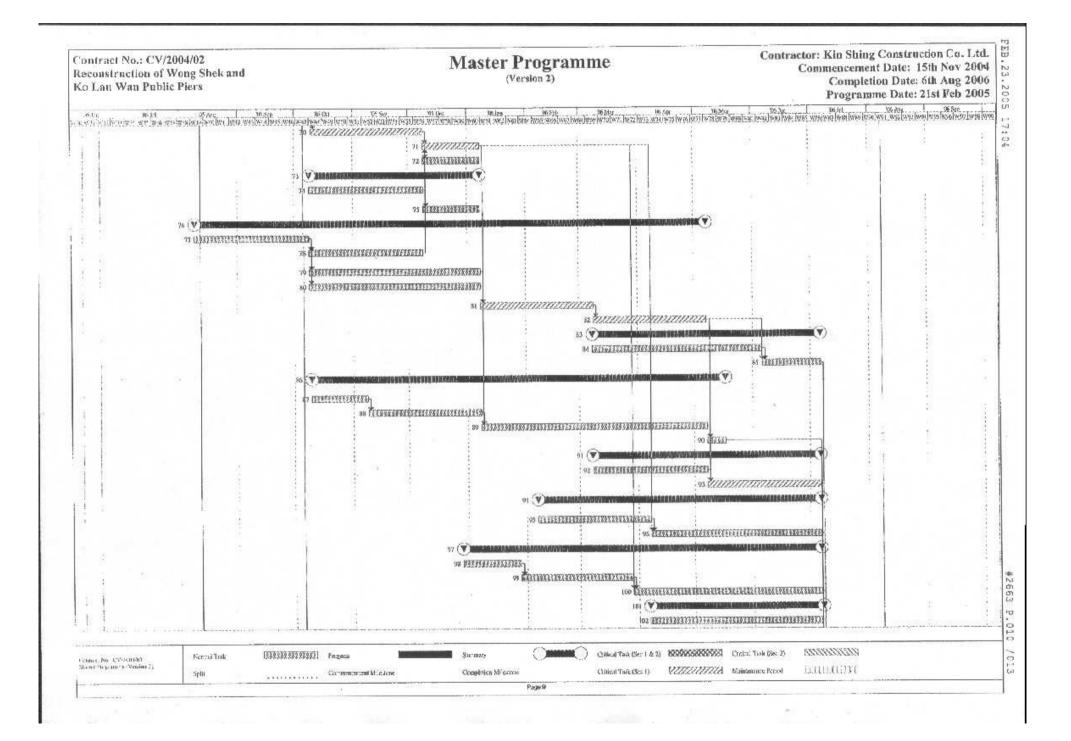
Reco	ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers			Mas	ter Progra (Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 20
1 -	T44, N980.	Diastica	Stact	Pins'-	Parlancestre	vij Soz. Soz Soz. Vij Soz. Vij Soz. Vij Soz. Vij Soz. Soz. Soz. Soz. Soz. Soz. Soz. Soz.
	Relocation	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	Construction (1990)	
+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	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
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.	Taitline	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	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	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	Fn 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 CV1965-12	200 C		Sucranezs	(1717)	
	Split	Commencement	Mitcalcas	Campleti	en Milesens Paga S	Chileal Take (see 1) 222/2222223 Minitanese Renod [1111] [[[1]][[1]][[1]]

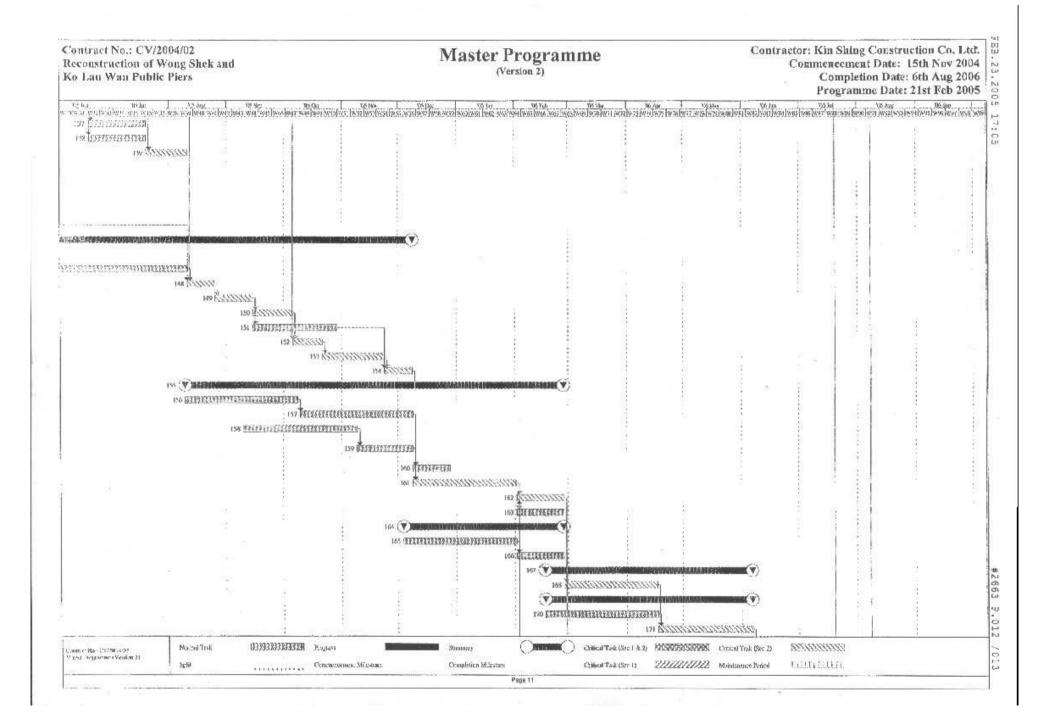
Reco	tract No.: CV/2004/02 Instruction of Wong Shek and Lau Wan Public Piers			Mas	(Version 2	ramme		Contr	Commencem Compl	ng Construction Co lent Date: 15th Nov letion Date: 6th Aug mme Date: 21st Feb	v 20 g 20
11	Tan Hane	Durton	.San	Finish	Pteulegestaors	1. J	1 Dec	10	Ve Mar	to in the state of	ainsi 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 012901	10.54.00
М.	Approval of specialist contractor	60 days	Wed 05/10/5	Sat 05/12/3			68		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	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	
	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	Sustainty	()	Calibrat Task Circ 1 & 2)		Critical Track (Sec. 2)	1221222123		
	5plit	Commencement:	Milestens	Correlatio	in Markicle	Chiest Test (See 1)	22.5222222222	Minimum Peterd	112703322003		

ontract No.: CV/20 econstruction of W .o Lau Wan Public	ong Shek and			Master ]	Program (ersion 2)	me		Comme Comme P	in Shing Construction encoment Date: 15th completion Date: 6th rogramme Date: 21st	h Nov 2004 1 Aug 2006 st Feb 2005
15.5m (1.5.5m) (9.51.95.2%)(9.51.4%)(9.51.9%) (9.51.95.2%)(9.51.4%)(9.51.9%)(9.51.9%)	ાર આ આ ગામ આ બના	Stell Vicina Jwistović w 71wia waztwski, erit	10 Net wiziwa)wa wasiwaelwai	n (6 ket 1992   Wali wali ya kuta wa	l livitage arwa waxi waxi waxi waxi	76 Mar 10 Mar 10 Mar (17 Mar) (17 Mar)	L. wxx.w wisiwiying	sa no wys wet sovel was loss	yayashagiyayi wala	106.51p \$\$10.005.0002.0028.002
					1				2 📌 406 Aug 6	2
	n († 1997) 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -								9 🛧 186 Aug 6	4 1 1
ELSA GERERAN MANAGER		n an		eneren harringen en			THE REAL PROPERTY OF THE PARTY		MARKEN STRUCTURE AND A S	NICOVERIMAN I.I.
iononiumna		*****	-	£***¥1179197377777777	**********	7474546495355737575759369369		*******		k te
CENTRAL CONTRACTOR CONTRACTOR	110011111110000000000000000000000000000			(45000000000000000000000000000000000000	1922A21211160949148948			9	9 1 <u>0202228</u> 25555555555	TRISSING CONTRACTOR
2005 october 1966 october 196	HALMANAUNSEYMINN	Think is a state of the state of t	MAMISMAN		OKCANING AND			TRANSMIC IS HIGH BORD		
						1				
);::::::::::::::::::::::::::::::::::::	46689866888889 <u>8888888888888888888888888</u>	<u>Elitertettettettettettettettettettettet</u> t	nanananan	7956798753753957539575355	1967 <u>5555</u> 5555588 <u>555588</u> 86	HERCEGOLOGICALLER	<u>21211114</u> 4919988988993	95191919199999999999999999999999999999	15 J	
ounnandian			mmmmmm		anistancintannissias	<u>ornannin</u> nanna	minummu	<u> </u>	oluni0100	
	х Це									4
	÷				4.	4 2			-	
69			2002							
									fi	4
térzerateskennakinnyi	FTTTTTTTTTTTTTTTTTTTTTTTT	UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU		***************************************	ABBAAN CONSCIENCES	NUBBER AND A STREET	NAMO ISSUED FAINT THE REAL	PROFESSIONAL CONTRACTOR & SUITE & SUIT	IER BEFFERREISSESSAM ZIAMANN	Ċ.
						1				
							The state of the s	*****		
	<u></u>	ilozierierierielitettit	<u>911(</u> 32167597581668684	10,000,000,00,00,00,00,00,00,00,00,00,00	<u>, e 19 ( 10 ( 10 6 10 6 10 6 10 6 10 6 10 6 10</u>	155559959989999999999999999999999999999	TELETER CONTINUES CONTINUES	*****	32 (111111111111111111111111111111111111	r.
	4									
	1	BERRIERIN 2-1005	11	8		Official Taile (Sec 1 & 2)	000000000000000000000000000000000000000	Tak (So: 2) (SSL23)	9809	
cantri e: No CV-2054-02 V 18 w. Dogramme (Vendru 23	12. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	Commerces	en Milesten;	Summity Completion Milester	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2222222222 Ministra			
100 Co	- Contra		ANNEARD ANN		Page?					

Contract No.: CV/2004/0 Reconstruction of Wong Ko I.au Wan Public Piers	Shek and			rsion 2)				Commencemen Completi Program	Construction Co. Ltd t Date: 15th Nov 2004 on Date: 6th Aug 2006 ne Date: 21st Feb 2005
אין	6 Ave 1 199 See 1 199 Beninger verstigere wet heren javen javen	ste i sener dynamics weinen weines w	no fan ''''''''''''''''''''''''''''''''''''	va Pau galega (waalwar, waalwar	00 1970   1972   1972   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979	New York Children (1997)		Vojsel  wisiwisiwisiwisiwisiwisiwi	wallwallwallwallwallwallwallwallwallwal
	5 B								
								Ť.	
								-	
	1	-		•				-	
	1	i.			1			1	
	10 A							. 8	
					*) 1				
5				1					
		1		4	<u>8</u>				
		1						1. 1	
A COLORINA Y EXCLUSION OF WAR	UKUN ABBABBARAAMAN CURUNNARAAMI 🏵								
		1					×.	***	
ST (SERVICE) (TREASE									
** (10000) \$* (100000)		1							1
a CHERRINA AND	1								
51 112/2		2							
	willing willing			20				÷	
' (`x#xF727682666500000000000000000				<u>10</u>					
9 GERERAL CONTRACTOR	the second se	4							
67 DILIYAHIYKIXXXX	68 TILLINNING		*						1
		(1113113)							
······		anarazia ;							
	amd Tail (9281351323333333	Progess	Success		Clitter I Task Give 1 & 2	PECONSECUTION		8111111111	
lester Programme (Viesner 2:		Communicational Milerona	Geoglation Molestone		Criteal Task (Sec 1)	VIIIII	Maintenance Posisé		



Contract No.: CV/20 Reconstruction of W Ko Lau Wan Public	ong Shek and Piers			3# 175E-043	rsion 2)			600 808000 10	Commencement Completio Programm	Construction Co. Ltd. Date: 15th Nov 2004 n Date: 6th Aug 2006 e Date: 21st <b>Fe</b> b 2005
Star 19 Tang mir Kulanskam sont	1 to Arg Wen vers westlern wegt :	965gg J v neu}serationstwick weether	ו איז	ອນເມືອ ອີນເຊິ່ງ ແລະ ເຊິ່ງ ແລ	ins (	) ARAMANI ARAMA	ning manganan Ning malagi kasing nanganan nangan nanganan nangan nan n	ennini astronomia		ne su 1 76 ker i bestimming förstörsöran frestan
XS249/100160511001605000	*******	anti ana atao se at	a de la deux						- 16 - 10 - 31	นุคม สามารถมาย 
elunanen (*)						1997 - T. 1998				
					4					
rre Soc. (* V 2006-102) rr P System (* - V rgelove 2)	No.mel Task Sp. s	CHARTER CONTROL	Progress Commiscential Millasone	Suncoup Conglosae Mikatens	Page 10	Ganadi Tesh (See 3 & 2) Celakel Tesh (See 3)	1999/2007/2022		<i>REALESSEERE</i> FORDATION	



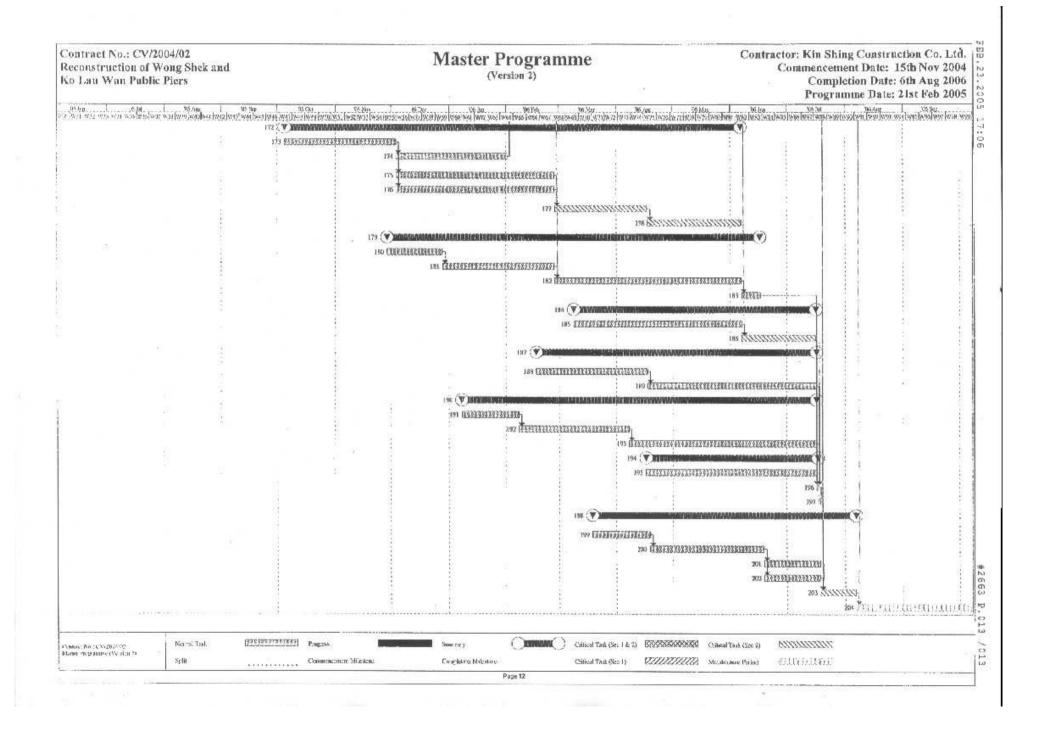




Figure 4.1

Layout of Environmental Monitoring Stations

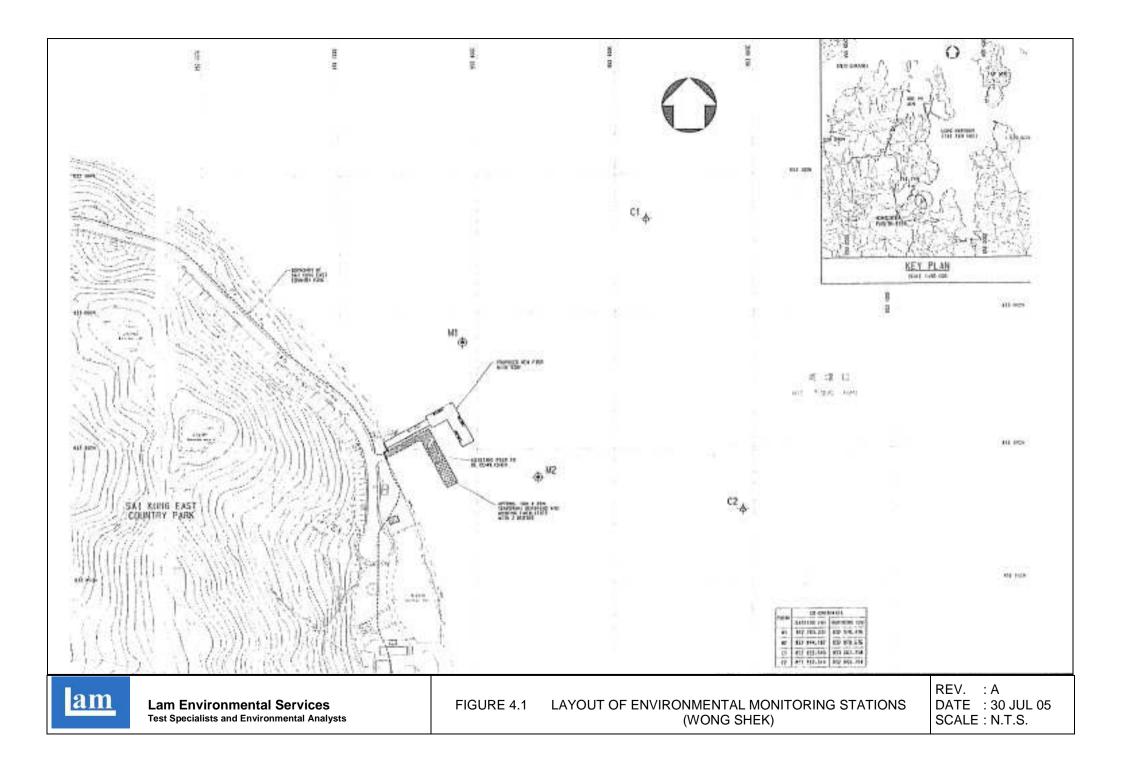
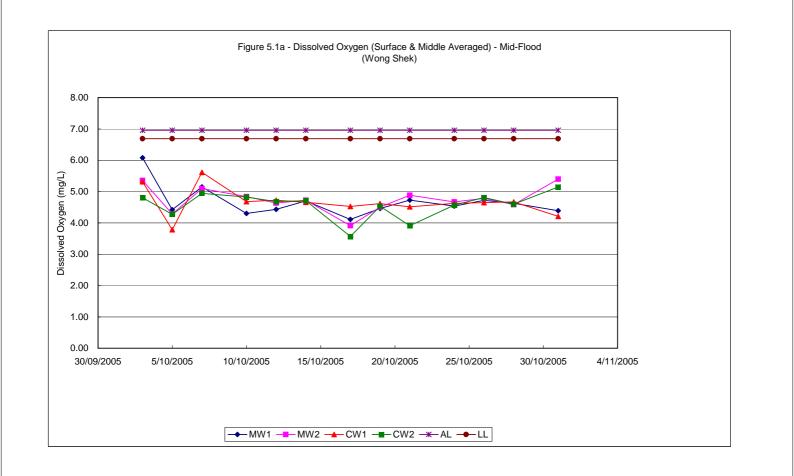
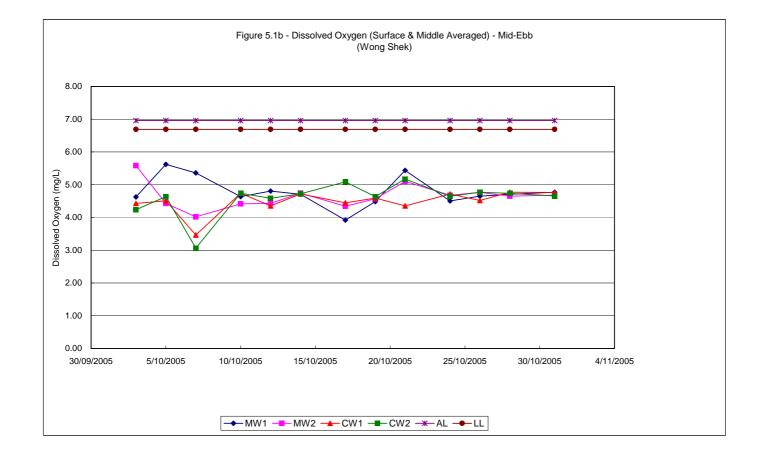


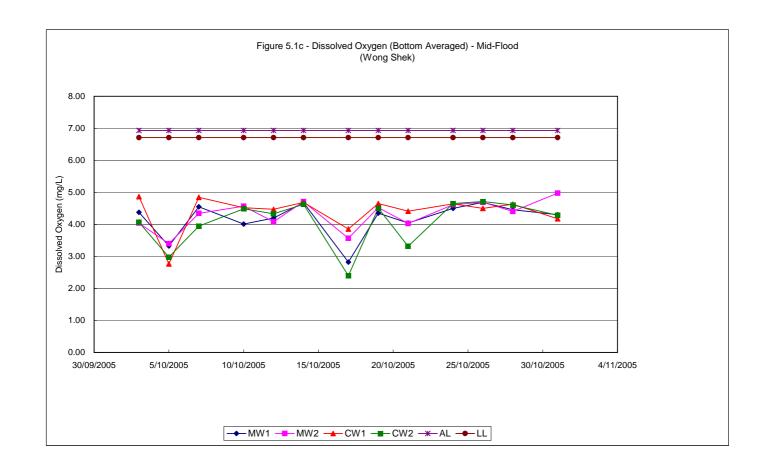


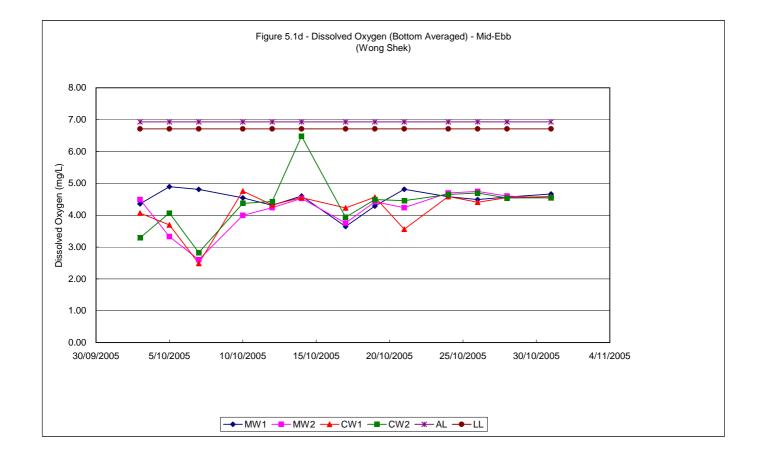
Figure 5.1a-h

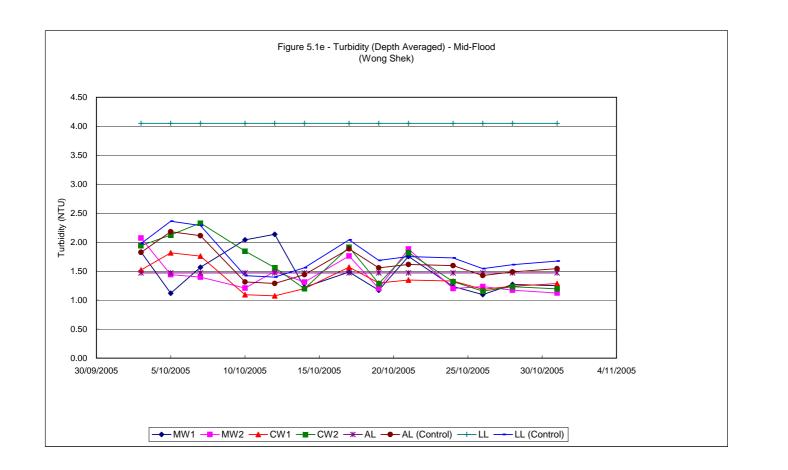
Graphical Plots of Water Quality Monitoring Results

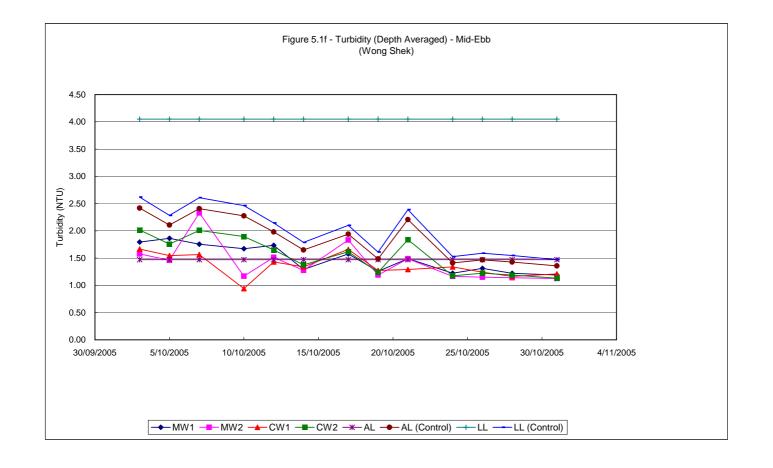


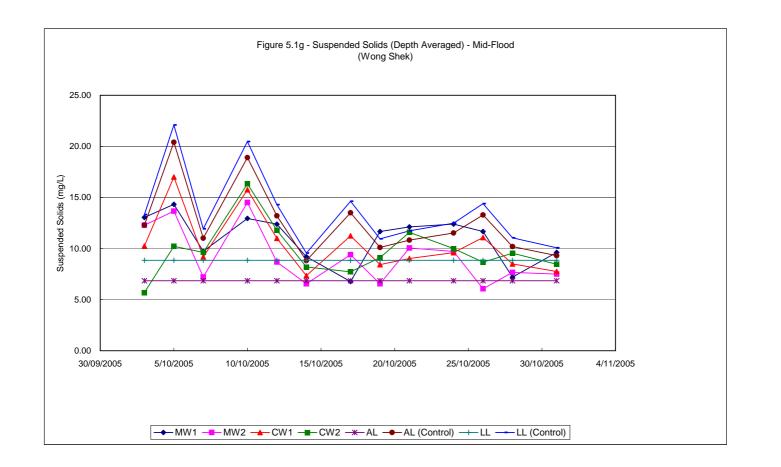


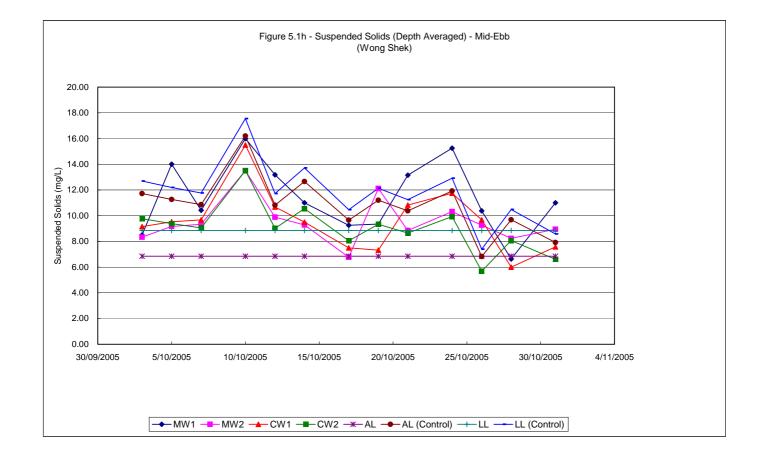














Appendix A

Organization Chart



**Project Proponent Environmental Protection Department Civil Engineering and Development** Civil Engineering Office Mr. W. H. Lee (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.	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 - 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	ptance 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

	Contract	No. CV/2004/	02 Reconst	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	tion Co.,	, Ltd.		Job No.:	J429			
Date of	Sampling:	3/10/2005		w	eather C	ondition:	Sunny					nt Tempera					Tide State:		od	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ⁰C b	Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	ed Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	Depth	Remarks
MW1 S	15:50			1	28.4	28.4	6.44	6.46		92.2	92.4		30.6	30.7	1.53	1.52		18.0	20.0	Average	
			5			27.6			6.08			89.0					1.83			13.1	
MW1 M	15:50	-	5	2.5	27.7		5.72	5.70	4.00	85.7	85.6	74.0	30.9	30.8	1.89	1.90	1.03	14.0	11.0	13.1	
MW1 B	15:52			4	26.5	26.4	4.38	4.37	4.38	71.6	71.5	71.6	31.2	31.3	2.07	2.08		7.3	8.0		
MW2 S	16:05	-	10	1	28.2	28.1	6.10	6.08	5.36	89.2	89.1	81.7	31.5	31.6	1.45	1.44	0.07	16.0	19.0		
MW2 M	16:06	-	10	5	27.2	27.1	4.62	4.62		74.3	74.2		32.0	32.1	2.42	2.41	2.07	10.0	7.7	12.3	
MW2 B	16:10			9	26.8	26.7	4.03	4.05	4.04	68.1	68.0	68.1	32.9	33.0	2.36	2.35		10.0	11.0		
CW1 S	15:45			1	28.2	28.1	5.32	5.31	5.32	83.4	83.3	83.4	31.5	31.7	1.34	1.33		14.0	10.0	-	
CW1 M	15:45	-	4														1.52			10.3	
CW1 B	15:46			3	27.7	27.6	4.88	4.85	4.87	76.7	76.4	76.6	31.8	31.9	1.71	1.70		8.3	8.7		
CW2 S	16:19	-		1	28.4	28.3	5.14	5.15	4.81	79.2	79.1	75.9	30.4	30.5	1.20	1.18		4.7	6.0		
CW2 M	16:20	-	11	5.5	27.4	27.3	4.46	4.47		72.5	72.6		31.7	31.8	1.98	1.97	1.94	6.0	10.0	5.7	
CW2 B	16:24			10	25.2	25.1	4.06	4.07	4.07	68.1	68.0	68.1	32.2	32.4	2.65	2.67		4.0	3.5		
		<b>D</b> : 1 10				0407		0 171 17	<b>0</b> 1 1		400	1000/						_			
Equipmer	nt used:	Dissolved O			EM	6167			on Check:		100						Sampled	-	Pong		
		Turbidity Me			EM	2365			on Check:		9.8						Checked	Ву:	Raymor		
		Salinity Mete			EM	6167		Calibrati	on Check:		35.5	ppt					Date:		10/10/20	005	
		Thermomete	r:		EM	6167															
Project:	Contract																				
Date of		No. CV/2004/	02 Reconst	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	tion Co.,	, Ltd.		Job No.:	J429	_		
	Sampling:	No. CV/2004/			/ong She eather C			n Public	Piers			Kin Shing					Job No.: Fide State:		-	-	
Station	Sampling: Time	3/10/2005 Sea	Overall	W	eather C Tempera	ondition:	Sunny Dissolve	d Oxyge	n, mg/L	Dissolve	Ambie ed Oxyge	nt Tempera	ature,⁰C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb	- ded Solid	1	Remarks
Station		3/10/2005		W	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	28	-	1		Mid-Ebb		ls, mg/L Depth Average	Remarks
Station MW1 S		3/10/2005 Sea	Overall	W	eather C Tempera	ondition:	Sunny Dissolve	d Oxyge	n, mg/L Average	Dissolve	Ambie ed Oxyge	nt Tempera n, % Average	ature,⁰C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
	Time	3/10/2005 Sea	Overall	W Sampling Depth,m	eather C Tempera a	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L	Dissolve a	Ambie ed Oxyge b	nt Tempera	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	ded Solid	Depth	Remarks
MW1 S	Time 10:02 10:02	3/10/2005 Sea	Overall Depth, m	W Sampling Depth,m	eather C Tempera a	ondition: ature, °C b	Sunny Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	Ambie ed Oxyge b	nt Tempera n, % Average	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Fide State: Average	Mid-Ebb	ded Solid	Depth Average	Remarks
MW1 S MW1 M	Time 10:02 10:02 10:03	3/10/2005 Sea	Overall Depth, m	W Sampling Depth,m	eather C Tempera a 29.7	ondition: ature, °C b 29.6	Sunny Dissolve a 4.62	d Oxyge b 4.63	n, mg/L Average 4.63 4.36	Dissolve a 74.4	Ambie d Oxyge b 74.5	nt Tempera Average 74.5 71.6	ature, °C: Salinity, a 31.9	28 ppt b 32.0	Turbidity a 1.63	, NTU b 1.64	Fide State: Average	Mid-Ebb Suspend 4.7	6.3	Depth Average	Remarks
MW1 S MW1 M MW1 B	Time 10:02 10:02 10:03 10:14	3/10/2005 Sea	Overall Depth, m	W Sampling Depth,m 1 3	eather C Tempera a 29.7 29.3	ature, °C b 29.6 29.2	Sunny Dissolve a 4.62 4.35	d Oxyge b 4.63 4.36	n, mg/L Average 4.63	Dissolve a 74.4 71.5	Ambie b 74.5 71.6	nt Tempera n, % Average 74.5	Salinity, a 31.9 32.6	28 ppt b 32.0 32.7	Turbidity a 1.63 1.95	, NTU b 1.64 1.96	Fide State: Average	Mid-Ebb Suspend 4.7 14.0	6.3 9.0	Depth Average	Remarks
MW1 S MW1 M MW1 B MW2 S	Time 10:02 10:02 10:03 10:14 10:14	3/10/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1	eather C Tempera 29.7 29.3 29.1	ature, °C b 29.6 29.2 29.0	Sunny Dissolve a 4.62 4.35 5.92	d Oxyge b 4.63 4.36 5.91	n, mg/L Average 4.63 4.36	Dissolve a 74.4 71.5 84.2	Ambie ed Oxyge b 74.5 71.6 84.1	nt Tempera Average 74.5 71.6	ature,°C: Salinity, a 31.9 32.6 30.7	28 ppt 32.0 32.7 30.8	Turbidity a 1.63 1.95 1.14	, NTU b 1.64 1.96 1.16	Tide State:	Mid-Ebb Suspend 4.7 14.0 9.3	6.3 9.0 7.7	Depth Average 8.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M	Time 10:02 10:02 10:03 10:14 10:14	3/10/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5	eather C Tempera 29.7 29.3 29.1 28.7	ondition: ature, °C b 29.6 29.2 29.2 29.0 28.6	Sunny Dissolve a 4.62 4.35 5.92 5.26	d Oxyge b 4.63 4.36 5.91 5.25	n, mg/L Average 4.63 4.36 5.59 4.49	Dissolve a 74.4 71.5 84.2 80.5	Ambie b 74.5 71.6 84.1 80.6	nt Tempera Average 74.5 71.6 82.4 73.9	ature, °C: Salinity, a 31.9 32.6 30.7 31.0	28 ppt b 32.0 32.7 30.8 31.1	Turbidity a 1.63 1.95 1.14 1.63	1.64 1.96 1.64	Tide State:	Mid-Ebb Suspend 4.7 14.0 9.3 7.3	6.3 9.0 7.7 8.3	Depth Average 8.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Time           10:02           10:03           10:14           10:15           10:18           9:52	3/10/2005 Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8	eather C Tempera 29.7 29.3 29.1 28.7 26.9	ature, °C b 29.6 29.2 29.0 28.6 26.8	Sunny Dissolve a 4.62 4.35 5.92 5.26 4.50	d Oxyge b 4.63 4.36 5.91 5.25 4.48	n, mg/L Average 4.63 4.36 5.59	Dissolve a 74.4 71.5 84.2 80.5 73.9	Ambie b 74.5 71.6 84.1 80.6 73.8	nt Tempera n, % Average 74.5 71.6 82.4	Salinity,         a         31.9         32.6         30.7         31.0         32.2	28 ppt b 32.0 32.7 30.8 31.1 32.3	Turbidity a 1.63 1.95 1.14 1.63 1.95	, NTU b 1.64 1.96 1.16 1.64 1.94	Tide State:	Mid-Ebb Suspend 4.7 14.0 9.3 7.3 7.7	6.3 9.0 7.7 8.3 9.7	Depth Average 8.5	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Time           10:02           10:03           10:14           10:15           10:18           9:52	3/10/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8	eather C Tempera 29.7 29.3 29.1 28.7 26.9	ature, °C b 29.6 29.2 29.0 28.6 26.8	Sunny Dissolve a 4.62 4.35 5.92 5.26 4.50	d Oxyge b 4.63 4.36 5.91 5.25 4.48	n, mg/L Average 4.63 4.36 5.59 4.49	Dissolve a 74.4 71.5 84.2 80.5 73.9	Ambie b 74.5 71.6 84.1 80.6 73.8	nt Tempera Average 74.5 71.6 82.4 73.9	Salinity,         a         31.9         32.6         30.7         31.0         32.2	28 ppt b 32.0 32.7 30.8 31.1 32.3	Turbidity a 1.63 1.95 1.14 1.63 1.95	, NTU b 1.64 1.96 1.16 1.64 1.94	Tide State: Average 1.80	Mid-Ebb Suspend 4.7 14.0 9.3 7.3 7.7	6.3 9.0 7.7 8.3 9.7	Bepth Average 8.5 8.3	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Time           10:02           10:03           10:14           10:15           10:18           9:52           9:52	3/10/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8 1	eather C Tempera 29.7 29.3 29.1 28.7 26.9 28.0	ature, °C b 29.6 29.2 29.0 28.6 26.8 28.2	Sunny Dissolve a 4.62 4.35 5.92 5.26 4.50 4.41	d Oxyger b 4.63 4.36 5.91 5.25 4.48 4.45	n, mg/L Average 4.63 4.36 5.59 4.49 4.43 4.07	Dissolve a 74.4 71.5 84.2 80.5 73.9 72.3	Ambie d Oxyge b 74.5 71.6 84.1 80.6 73.8 72.4	nt Tempera n, % Average 74.5 71.6 82.4 73.9 72.4 68.1	ature, °C: <u>Salinity</u> , a 31.9 32.6 30.7 31.0 32.2 30.9	28 ppt b 32.0 32.7 30.8 31.1 32.3 31.0	Turbidity a 1.63 1.95 1.14 1.63 1.95 1.51	NTU b 1.64 1.96 1.16 1.64 1.94 1.50	Tide State: Average 1.80	Mid-Ebb Suspend 4.7 14.0 9.3 7.3 7.7 8.3	6.3 9.0 7.7 8.3 9.7 11.0	Bepth Average 8.5 8.3	Remarks
MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Time           10:02           10:03           10:14           10:15           10:18           9:52           9:52           9:53           10:30	3/10/2005 Sea	Overall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8 1 1 2	eather C Tempera a 29.7 29.3 29.1 28.7 26.9 28.0 28.0 27.4	ature, °C b 29.6 29.2 29.0 28.6 26.8 28.2 28.2 27.5	Sunny           Dissolve           a           4.62           4.35           5.92           5.26           4.50           4.41           4.07	d Oxyge           b           4.63           4.36           5.91           5.25           4.48           4.45           4.06	n, mg/L Average 4.63 4.36 5.59 4.49 4.43	Dissolve a 74.4 71.5 84.2 80.5 73.9 72.3 68.1	Ambie d Oxyge b 74.5 71.6 84.1 80.6 73.8 72.4 68.0	nt Tempera n, % Average 74.5 71.6 82.4 73.9 72.4	ature,°C: Salinity, a 31.9 32.6 30.7 31.0 32.2 30.9 32.3	28 ppt b 32.0 32.7 30.8 31.1 32.3 31.0 32.4	Turbidity a 1.63 1.95 1.14 1.63 1.95 1.51 1.82	, NTU b 1.64 1.96 1.16 1.64 1.94 1.94 1.50	Tide State: Average 1.80	Mid-Ebb Suspend 4.7 14.0 9.3 7.3 7.7 8.3 8.0	6.3 9.0 7.7 8.3 9.7 11.0 9.3	Bepth Average 8.5 8.3	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.5	ppt	Date:	10/10/2005
	Thermometer:	EM	6167					

Project:	Contract	No. CV/2004/	02 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
Date of	Sampling:	5/10/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	32		Т	ide State:	Mid-Floo	bd	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, °C b	Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	ed Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	Depth	Remarks
MW1 S	16:36			1	28.8	28.6	4.79	4.78		75.8	75.7		31.4	31.3	0.91	0.93		10.0	16.0	Average	
MW1 M	16:36		5	2.5	28.1	28.0	4.06	4.05	4.42	68.4	68.3	72.1	32.1	32.0	1.09	1.07	1.12	14.0	19.0	14.3	
MW1 B	16:38			4	27.0	27.1	3.32	3.33	3.33	61.0	61.1	61.1	32.2	32.1	1.36	1.36		16.0	11.0		
MW2 S	16:59			1	28.7	28.6	4.57	4.56	4.29	73.2	73.0	71.0	30.5	30.4	1.14	1.20		15.0	10.0		
MW2 M	17:00		10	5	27.5	27.4	4.01	4.00	4.23	68.9	68.8	71.0	31.2	31.0	1.35	1.34	1.44	16.0	18.0	13.7	
MW2 B	17:04			9	26.9	26.8	3.40	3.39	3.40	62.8	62.7	62.8	32.7	32.5	1.82	1.80		13.0	10.0		
CW1 S	16:12			1	28.6	28.5	3.78	3.79	3.79	65.0	65.2	65.1	31.4	31.2	1.79	1.79		22.0	20.0		
CW1 M	16:12		4						3.73			03.1					1.82			17.0	
CW1 B	16:13			3	28.2	28.0	2.77	2.76	2.77	54.5	54.4	54.5	32.2	32.1	1.85	1.84		13.0	13.0		
CW2 S	16:20			1	28.3	28.1	4.43	4.41	4.27	72.1	72.0	70.8	30.9	30.7	1.30	1.31		9.3	10.0		
CW2 M	16:21		11	5.5	27.7	27.5	4.13	4.12		69.5	69.4		32.7	32.8	2.14	2.11	2.13	12.0	13.0	10.2	
CW2 B	16:25			10	27.0	27.1	2.98	2.97	2.98	57.4	57.2	57.3	33.1	33.0	2.95	2.94		8.0	9.0		
	t upped	Dissolved O	argon Moto		EM.	6467		Colibrati	on Check:		100	100%:					Sampled	D. #	Pong		
quipmer	it used.	Dissolved O	kygen wiele	۶I.	EM	6167		Calibrati													
		Turbidity Mo	or		EM	2265		Colibrati				-								nd Doi	
		Turbidity Me			EM	2365			on Check:		9.9	NTU					Checked	By:	Raymor		
		Salinity Mete	r:		EM	6167						NTU						By:			
		-	r:						on Check:		9.9	NTU					Checked	By:	Raymor		
Project:	Contract	Salinity Mete	r: r:		EM EM	6167 6167		Calibrati	on Check: on Check:		<u>9.9</u> 35	NTU	Construc	ction Co.,	Ltd.		Checked	By:	Raymor		
		Salinity Mete	r: r: 02 Recons	truction of W	EM EM	6167 6167 k and Ko	Lau Wa	Calibrati	on Check: on Check:		9.9 35 Client:	NTU ppt					Checked I Date:	By: 	Raymor		
Date of		Salinity Mete Thermomete No. CV/2004/	r: r: 02 Recons	truction of W W Sampling	EM EM /ong She	6167 6167 k and Ko ondition:	Lau Wa	Calibrati	on Check: on Check: Piers	Dissolve a	9.9 35 Client: Ambie	NTU ppt <u>Kin Shing</u> nt Tempera		32		Т	Checked I Date: Job No.:	By: J429 Mid-Ebb	Raymor	-	Remarks
Date of Station	Sampling:	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: 02 Recons	truction of W W Sampling	EM EM /ong She eather C Tempera	6167 6167 k and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	Calibrati n Public	on Check: on Check: Piers n, mg/L Average		9.9 35 Client: Ambie	Kin Shing nt Tempera Average	ature,⁰C: Salinity,	32 ppt	Turbidity	T , NTU	Checked   Date: Job No.: ïde State:	By: J429 Mid-Ebb	Raymor 12/10/20	005 - Is, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: 02 Recons	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 k and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: on Check: Piers	а	9.9 35 Client: Ambie b	NTU ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	32 ppt b	Turbidity a	T , NTU b	Checked   Date: Job No.: ïde State:	By: J429 Mid-Ebb Suspend	Raymor 12/10/20	005 - Is, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time 12:12	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 k and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: on Check: Piers n, mg/L Average	а	9.9 35 Client: Ambie b	Kin Shing nt Tempera Average	ature,⁰C: Salinity, a	32 ppt b	Turbidity a	T , NTU b	Checked I Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspend	Raymor 12/10/20	oo5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 12:12 12:12	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a 27.7	6167 6167 k and Ko ondition: ature, °C b 27.5	Lau Wa Sunny Dissolve a 5.63	Calibrati n Public d Oxyge b 5.61	on Check: Piers n, mg/L Average 5.62 4.90	a 84.2	9.9 35 Client: Ambie b 84.0	Kin Shing nt Tempera Average 84.1 76.8	ature, °C: Salinity, a 30.4	32 ppt b 30.6	Turbidity a 1.43	7 , NTU b 1.44	Checked I Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspend	Raymor 12/10/20 ded Solid	oo5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 12:12 12:12 12:13	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m	truction of W W Sampling Depth,m 1 3	EM /ong She eather C Tempera a 27.7 26.2	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3	Lau Wa Sunny Dissolve a 5.63 4.91	Calibrati n Public d Oxyge b 5.61 4.88	on Check: Piers n, mg/L Average 5.62	a 84.2 76.9	9.9 35 Client: Ambie b 84.0 76.7	Kin Shing nt Tempera Average 84.1	Salinity, a 30.4 31.8	32 ppt b 30.6 31.9	Turbidity a 1.43 2.28	, <u>NTU</u> b 1.44 2.30	Checked I Date: Job No.: ïde State: Average	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspend</u> 15.0 14.0	Raymor 12/10/20 ded Solic 12.0	oo5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 12:12 12:12 12:13 12:20	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1	EM EM /ong She eather C Tempera a 27.7 26.2 27.5	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6	Lau Wai Sunny Dissolve a 5.63 4.91 4.77	Calibrati n Public b 5.61 4.88 4.79	on Check: Piers n, mg/L Average 5.62 4.90	a 84.2 76.9 75.5	9.9 35 Client: Ambie b 84.0 76.7 75.7	Kin Shing nt Tempera Average 84.1 76.8	ature,°C: Salinity, a 30.4 31.8 31.0	32 ppt 30.6 31.9 31.1	Turbidity a 1.43 2.28 0.97	, NTU b 1.44 2.30 0.95	Checked I Date: Job No.: ïde State: Average 1.86	By: J429 Mid-Ebb Suspend 15.0 14.0	Raymor 12/10/2/ - - - - - - - - - - - - - - - - - -		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 12:12 12:12 12:13 12:20 12:21	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4.5	EM EM /ong She eather C Tempera a 27.7 26.2 27.5 26.1	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6 26.0	Lau Wa Sunny Dissolve a 5.63 4.91 4.77 4.09	Calibrati n <u>Public</u> b 5.61 4.88 4.79 4.06	on Check: Piers n, mg/L Average 5.62 4.90 4.43 3.33	a 84.2 76.9 75.5 68.7	9.9 35 Client: Ambie b 84.0 76.7 75.7 68.6	NTU           ppt           Kin Shing           nt Tempera           n, %           Average           84.1           76.8           72.1           61.2	ature, °C: Salinity, a 30.4 31.8 31.0 32.2	32 ppt b 30.6 31.9 31.1 32.1	Turbidity a 1.43 2.28 0.97 1.25	1.44 2.30 0.95 1.27	Checked I Date: Job No.: ïde State: Average 1.86	By: J429 Mid-Ebb Suspend 15.0 14.0 14.0 10.0	Raymor 12/10/24 Jed Solici 12.0 15.0 10.0 13.0		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 12:12 12:12 12:13 12:20 12:21 12:24	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4.5 8	EM EM /ong She eather C Tempera a 27.7 26.2 27.5 26.1 25.8	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6 26.0 25.7	Lau War Sunny Dissolve a 5.63 4.91 4.77 4.09 3.34	Calibrati n Public d Oxyge b 5.61 4.88 4.79 4.06 3.32	on Check: Piers n, mg/L Average 5.62 4.90 4.43	a 84.2 76.9 75.5 68.7 61.2	9.9 35 Client: Ambie b 84.0 76.7 75.7 68.6 61.1	NTU           ppt           Kin Shing           nt Tempera           Average           84.1           76.8           72.1	Salinity,         a         30.4         31.8         31.0         32.2         32.8	32 ppt b 30.6 31.9 31.1 32.1 32.7	Turbidity a 1.43 2.28 0.97 1.25 2.16	, NTU b 1.44 2.30 0.95 1.27 2.17	Checked I Date: Job No.: ïde State: Average 1.86	By: J429 Mid-Ebb Suspend 15.0 14.0 14.0 10.0 4.0	Raymor 12/10/2/ ded Solic 12.0 15.0 10.0 13.0 4.0		Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Sampling: Time 12:12 12:12 12:13 12:20 12:21 12:24 12:06	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8	EM EM /ong She eather C Tempera a 27.7 26.2 27.5 26.1 25.8	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6 26.0 25.7	Lau War Sunny Dissolve a 5.63 4.91 4.77 4.09 3.34	Calibrati n Public d Oxyge b 5.61 4.88 4.79 4.06 3.32	on Check: Piers n, mg/L Average 5.62 4.90 4.43 3.33	a 84.2 76.9 75.5 68.7 61.2	9.9 35 Client: Ambie b 84.0 76.7 75.7 68.6 61.1	NTU           ppt           Kin Shing           nt Tempera           n, %           Average           84.1           76.8           72.1           61.2	Salinity,         a         30.4         31.8         31.0         32.2         32.8	32 ppt b 30.6 31.9 31.1 32.1 32.7	Turbidity a 1.43 2.28 0.97 1.25 2.16	, NTU b 1.44 2.30 0.95 1.27 2.17	Checked I Date: Job No.: ide State: Average 1.86 1.46	By: J429 Mid-Ebb Suspend 15.0 14.0 14.0 10.0 4.0	Raymor 12/10/2/ ded Solic 12.0 15.0 10.0 13.0 4.0	s, mg/L Depth Average 14.0 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 12:12 12:12 12:13 12:20 12:21 12:24 12:06 12:06	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8 1	EM EM /ong She eather C Tempera a 27.7 26.2 27.5 26.1 25.8 28.2	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6 26.0 25.7 28.1	Lau Wa Sunny Dissolve a 5.63 4.91 4.77 4.09 3.34 4.52	Calibrati n Public d Oxyge b 5.61 4.88 4.79 4.06 3.32 4.50	on Check: Piers n, mg/L Average 5.62 4.90 4.43 3.33 4.51 3.70	a 84.2 76.9 75.5 68.7 61.2 73.0	9.9 35 Client: Ambie b 84.0 76.7 75.7 68.6 61.1 72.8	NTU           ppt           Kin Shing           nt Temperative           Average           84.1           76.8           72.1           61.2           72.9           65.8	ature, °C: <u>Salinity</u> , a 30.4 31.8 31.0 32.2 32.8 31.2	32 ppt b 30.6 31.9 31.1 32.1 32.7 31.1	Turbidity           a           1.43           2.28           0.97           1.25           2.16           1.43	7 , NTU b 1.44 2.30 0.95 1.27 2.17 1.45	Checked I Date: Job No.: ide State: Average 1.86 1.46	By: J429 Mid-Ebb Suspend 15.0 14.0 14.0 10.0 4.0 8.7	Raymor 12/10/20 12.0 12.0 15.0 10.0 13.0 4.0 9,7	s, mg/L Depth Average 14.0 9.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 12:12 12:12 12:13 12:20 12:21 12:24 12:06 12:06 12:07	Salinity Mete Thermomete No. CV/2004/ 5/10/2005	r: D2 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 1 4.5 8 1 1 2	EM EM /ong She eather C Tempera a 27.7 26.2 27.5 26.1 25.8 28.2 27.5	6167 6167 k and Ko ondition: ature, °C b 27.5 26.3 27.6 26.0 25.7 28.1 28.1	Lau War Sunny Dissolve a 5.63 4.91 4.77 4.09 3.34 4.52 3.70	Calibrati n Public b 5.61 4.88 4.79 4.06 3.32 4.50 3.69	on Check: Piers n, mg/L Average 5.62 4.90 4.43 3.33 4.51	a 84.2 76.9 75.5 68.7 61.2 73.0 65.8	9.9 35 Client: Ambie b 84.0 76.7 75.7 68.6 61.1 72.8 65.7	NTU           ppt           Kin Shing           nt Tempera           Average           84.1           76.8           72.1           61.2           72.9	ature,°C: Salinity, a 30.4 31.8 31.0 32.2 32.8 31.2 31.2 31.5	32 ppt b 30.6 31.9 31.1 32.1 32.7 31.1 31.1 31.4	Turbidity           a           1.43           2.28           0.97           1.25           2.16           1.43           1.64	NTU           b           1.44           2.30           0.95           1.27           2.17           1.45           1.66	Checked I Date: Job No.: ide State: Average 1.86 1.46	By: J429 Mid-Ebb Suspence 15.0 14.0 10.0 4.0 8.7 9.7	Raymor 12/10/24 3ed Solic 12.0 15.0 13.0 13.0 4.0 9.7 10.0	s, mg/L Depth Average 14.0 9.2	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35	ppt	Date:	12/10/2005
	Thermometer:	EM	6167					

		No. CV/2004/			eather C			n Public	Piers			Kin Shing					Job No.: ide State:		- od		
Station	Time	Sea		Sampling		ature, °C		d Oxvae	n ma/l	Dissolve	d Oxygei		Salinity,		Turbidity				ded Solid	ls ma/l	Remarks
Junion		Condition	Depth, m		a	b	a	b	Average	a		Average	a	b	a	-	Average	ouopone		Depth Average	rtornanto
MW1 S	16:14			1	29.0	29.1	5.36	5.38	E 1E	84.5	84.4	82.4	31.4	31.5	1.21	1.23		10.0	12.0		
MW1 M	16:14		5	2.5	28.4	28.5	4.94	4.92	5.15	80.2	80.3	02.4	31.8	31.6	1.64	1.61	1.57	10.0	7.7	9.7	
MW1 B	16:16			4	28.1	28.0	4.56	4.54	4.55	73.4	73.3	73.4	33.2	33.4	1.86	1.85		10.0	8.7		
MW2 S	16:26			1	29.0	29.2	5.25	5.26	5.40	81.7	81.5	00.0	32.0	32.2	1.39	1.38		6.3	8.0		
MW2 M	16:27		10	5	28.4	28.5	4.94	4.93	5.10	78.2	78.4	80.0	33.5	33.6	1.28	1.26	1.40	7.3	8.3	7.2	
MW2 B	16:31			9	27.6	27.6	4.35	4.34	4.35	71.4	71.5	71.5	33.8	33.9	1.55	1.53		6.7	6.7		
CW1 S	16:02			1	29.1	29.0	5.63	5.60		85.2	85.1		31.4	31.5	1.62	1.59		7.7	8.0		
CW1 M	16:02		4						5.62			85.2					1.76			9.2	
CW1 B	16:03	1		3	28.7	28.6	4.85	4.84	4.85	76.5	76.4	76.5	33.2	33.2	1.92	1.91		10.0	11.0		
CW2 S	16:39			1	29.0	29.2	5.32	5.34	4.54	82.0	82.1	77.0	33.3	33.4	1.81	1.80		9.7	8.0		
CW2 M	16:40		11	5	28.4	28.3	4.56	4.55	4.94	73.5	73.4	77.8	33.4	33.4	2.49	2.50	2.33	8.7	9.3	9.6	
CW2 B	16:44			10	27.9	27.8	3.95	3.94	3.95	67.2	67.1	67.2	33.9	33.8	2.70	2.68		10.0	12.0		
Equipmer	t used:	Dissolved Ox																			
		Dissolved O	kygen iviete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Pong		-
		Turbidity Met			EM	6167 2365			on Check: on Check:		100 9.8						Sampled Checked		Pong Raymon	id Dai	-
			ter:					Calibrati				NTU						By:			
		Turbidity Met	ter: r:		EM	2365		Calibrati	on Check:		9.8	NTU					Checked	By:	Raymon		-
Project:		Turbidity Met Salinity Mete Thermomete	ter: r: r:		EM EM	2365 6167 6167		Calibrati Calibrati	on Check: on Check:		9.8 34.5	DTU ppt	Construc	tion Co.,	Ltd.		Checked Date:	By:	Raymon 14/10/20		- -
	Contract	Turbidity Mel Salinity Mete Thermomete No. CV/2004/	ter: r: 02 Reconst	truction of W	EM EM EM /ong She	2365 6167 6167 k and Ko	Lau Wa	Calibrati Calibrati	on Check: on Check:		9.8 34.5 Client:	NTU ppt Kin Shing					Checked Date: Job No.:	By: 	Raymon 14/10/20		-
Date of	Contract	Turbidity Met Salinity Mete Thermomete	ter: r: 02 Reconst	truction of W	EM EM EM /ong She	2365 6167 6167 k and Ko	Lau Wa	Calibrati Calibrati n Public	on Check: on Check: Piers		9.8 34.5 Client:	NTU ppt <u>Kin Shing</u> nt Tempera		31		Т	Checked Date:	By: J429 Mid-Ebb	Raymon 14/10/20		Remarks
Date of	Contract	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005	ter: r: 02 Reconst	truction of W W Sampling	EM EM EM /ong She	2365 6167 6167 kk and Ko ondition:	Lau Wa	Calibrati Calibrati n Public	on Check: on Check: Piers		9.8 34.5 Client: Ambien	NTU ppt <u>Kin Shing</u> nt Tempera	ature,°C:	31		Т	Checked Date: Job No.:	By: J429 Mid-Ebb	Raymon 14/10/20		Remarks
Date of	Contract	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	er: r: 02 Reconst	truction of W W Sampling	EM EM /ong She /eather C	2365 6167 6167 ek and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	Calibrati Calibrati n Public	on Check: Piers n, mg/L Average	Dissolve	9.8 34.5 Client: Ambien	NTU ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,°C: Salinity,	31 ppt	Turbidity	T , NTU	Checked Date: Job No.: ïde State:	By: J429 Mid-Ebb	Raymon 14/10/20	ls, mg/L	Remarks
Date of Station	Contract Sampling:	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	er: r: 02 Reconst	truction of W W Sampling Depth,m	EM EM /ong She /eather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge b	on Check: on Check: Piers n, mg/L	Dissolve a	9.8 34.5 Client: Ambier b	NTU ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	31 ppt b	Turbidity a	T , NTU b	Checked Date: Job No.: ïde State:	By: J429 Mid-Ebb Suspenc	Raymon 14/10/20	ls, mg/L	Remarks
Date of Station MW1 S MW1 M	Contract Sampling: Time 12:14 12:14	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	er: r: )2 Reconst D2 Reconst Depth, m	truction of W W Sampling Depth,m	EM EM /ong She /eather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge b	on Check: Piers n, mg/L Average	Dissolve a	9.8 34.5 Client: Ambier b	NTU ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity, a	31 ppt b	Turbidity a	T , NTU b	Checked Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspenc	Raymon 14/10/20	s, mg/L Depth Average	Remarks
Date of Station MW1 S	Contract Sampling: Time 12:14 12:14	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	er: r: )2 Reconst D2 Reconst Depth, m	truction of W W Sampling Depth,m	EM EM /ong She reather C Tempera a 28.8	2365 6167 6167 ek and Ko ondition: ature, °C b 28.6	Dissolve a 5.42	Calibrati Calibrati n Public d Oxyge b 5.30	on Check: on Check: Piers n, mg/L Average 5.36 4.81	Dissolve a 82.0	9.8 34.5 Client: Ambien b 81.8	NTU ppt Kin Shing nt Tempera Average 81.9 76.1	ature,°C: Salinity, a 31.3	31 ppt b 31.4	Turbidity a 1.29	T , NTU b 1.27	Checked Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspend	Raymon 14/10/20 ded Solid 9.0	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Contract   Sampling: Time 12:14 12:14 12:15	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	er: r: )2 Reconst D2 Reconst Depth, m	Sampling Depth,m	EM EM /ong She eather C Tempera a 28.8 27.5	2365 6167 6167 ek and Ko ondition: b 28.6 27.6	Lau Wa Sunny Dissolve a 5.42 4.80	Calibrati Calibrati n Public d Oxyge b 5.30 4.82	on Check: Piers n, mg/L Average 5.36	Dissolve a 82.0 76.0	9.8 34.5 Client: Ambien b 81.8 76.2	NTU ppt Kin Shing nt Tempera n, % Average 81.9	salinity, a 31.3 32.9	31 ppt b 31.4 32.9	Turbidity a 1.29 2.23	, NTU b 1.27 2.23	Checked Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspenc 7.7 12.0	Raymon 14/10/20 ded Solid 9.0 13.0	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Contract   Sampling: 12:14 12:14 12:15 12:35	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	truction of M W Sampling Depth,m 1 3 1	EM EM Cong She reather C 28.8 27.5 28.3	2365 6167 6167 % and Ko ondition: b 28.6 27.6 28.4	Dissolve a 5.42 4.80 4.47	Calibrati Calibrati n Public d Oxyge b 5.30 4.82 4.45	on Check: on Check: Piers n, mg/L Average 5.36 4.81	Dissolve a 82.0 76.0 72.5	9.8 34.5 Client: Ambieu b 81.8 76.2 72.3	NTU ppt Kin Shing nt Tempera Average 81.9 76.1	ature,°C: Salinity, a 31.3 32.9 31.7	31 ppt b 31.4 32.9 31.5	Turbidity a 1.29 2.23 1.71	, NTU b 1.27 2.23 1.70	Checked Date: Job No.: ïde State: Average	By: <u>J429</u> <u>Mid-Ebb</u> Suspenc 7.7 12.0 6.3	Raymon 14/10/20 ded Solid 9.0 13.0 8.7	s, mg/L Depth Average 10.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Contract   Sampling: 12:14 12:14 12:15 12:35 12:36	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4.5	EM EM EM Vong She eather C Tempera a 28.8 27.5 28.3 26.7	2365 6167 6167 ek and Ko ondition: ature, °C b 28.6 27.6 28.4 26.5	Lau Wa           Sunny           Dissolve           a           5.42           4.80           4.47           3.58	Calibrati Calibrati a <u>Public</u> b 5.30 4.82 4.45 3.57	on Check: on Check: Piers n, mg/L Average 5.36 4.81 4.02 2.60	Dissolve a 82.0 76.0 72.5 63.6	9.8 34.5 Client: Ambien b 81.8 76.2 72.3 63.5	NTU ppt <u>Kin Shing</u> nt Tempera Average 81.9 76.1 68.0 54.8	ature, °C: Salinity, a 31.3 32.9 31.7 32.5	31 ppt b 31.4 32.9 31.5 32.4	Turbidity a 1.29 2.23 1.71 2.46	1.27 2.23 1.70 2.45	Checked Date: Job No.: ïde State: Average	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 7.7 12.0 6.3 10.0	Raymon 14/10/20 9.0 9.0 13.0 8.7 11.0	s, mg/L Depth Average 10.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Contract   Sampling: 12:14 12:15 12:35 12:36 12:39	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	truction of V W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: ature, °C b 28.6 28.6 28.4 26.5 25.3	Lau Wa           Sunny           Dissolve           a           5.42           4.80           4.47           3.58           2.61	Calibrati Calibrati d Oxyge b 5.30 4.82 4.45 3.57 2.59	on Check: on Check: Piers Average 5.36 4.81 4.02	Dissolve a 82.0 76.0 72.5 63.6 54.9	9.8 34.5 Client: Ambieu b 81.8 76.2 72.3 63.5 54.7	NTU ppt Kin Shing nt Tempera Average 81.9 76.1 68.0	salinity, a 31.3 32.9 31.7 32.5 33.0	31 ppt b 31.4 32.9 31.5 32.4 33.1	Turbidity a 1.29 2.23 1.71 2.46 2.82	, NTU b 1.27 2.23 1.70 2.45 2.83	Checked Date: Job No.: ïde State: Average	By: <u>J429</u> <u>Mid-Ebb</u> Suspenc 7.7 12.0 6.3 10.0 9.0	Raymon 14/10/20 ded Solid 9.0 13.0 8.7 11.0 11.0	s, mg/L Depth Average 10.4	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Contract   Sampling: 12:14 12:14 12:15 12:35 12:36 12:39 12:03	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Depth, m 4 9	truction of V W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: ature, °C b 28.6 28.6 28.4 26.5 25.3	Lau Wa           Sunny           Dissolve           a           5.42           4.80           4.47           3.58           2.61	Calibrati Calibrati d Oxyge b 5.30 4.82 4.45 3.57 2.59	on Check: on Check: Piers n, mg/L Average 5.36 4.81 4.02 2.60	Dissolve a 82.0 76.0 72.5 63.6 54.9	9.8 34.5 Client: Ambieu b 81.8 76.2 72.3 63.5 54.7	NTU ppt <u>Kin Shing</u> nt Tempera Average 81.9 76.1 68.0 54.8	salinity, a 31.3 32.9 31.7 32.5 33.0	31 ppt b 31.4 32.9 31.5 32.4 33.1	Turbidity a 1.29 2.23 1.71 2.46 2.82	, NTU b 1.27 2.23 1.70 2.45 2.83	Checked Date: Job No.: ide State: 1.76 2.33	By: <u>J429</u> <u>Mid-Ebb</u> Suspenc 7.7 12.0 6.3 10.0 9.0	Raymon 14/10/20 ded Solid 9.0 13.0 8.7 11.0 11.0	s, mg/L Depth Average 10.4 9.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Contract   Sampling: Time 12:14 12:15 12:35 12:36 12:39 12:03 12:03	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8 1	EM EM EM (ong She eather C Tempera a 28.8 27.5 28.3 26.7 25.4 28.8	2365 6167 6167 ondition: ature, °C b 28.6 28.6 28.4 26.5 25.3 28.6	Lau Wa           Sunny           Dissolve           a           5.42           4.80           4.47           3.58           2.61           3.47	Calibrati Calibrati d Oxyge b 5.30 4.82 4.45 3.57 2.59 3.46	on Check: on Check: Piers Average 5.36 4.81 4.02 2.60 3.47 2.49	Dissolve a 82.0 76.0 72.5 63.6 54.9 62.5	9.8 34.5 Client: Ambien b 81.8 76.2 72.3 63.5 54.7 62.6	NTU           ppt           Kin Shing           nt Temperative           Average           81.9           76.1           68.0           54.8           62.6           54.0	ature,°C: <u>Salinity</u> , a 31.3 32.9 31.7 32.5 33.0 31.2	31 ppt b 31.4 32.9 31.5 32.4 33.1 33.1 31.1	Turbidity a           1.29           2.23           1.71           2.46           2.82           1.15	, NTU b 1.27 2.23 1.70 2.45 2.83 1.16	Checked Date: Job No.: ide State: 1.76 2.33	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 7.7 12.0 6.3 10.0 9.0 8.7	Raymon 14/10/20 ded Solid 9.0 13.0 8.7 11.0 11.0 8.0	s, mg/L Depth Average 10.4 9.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Contract   Sampling: Time 12:14 12:15 12:35 12:36 12:39 12:03 12:03	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 7/10/2005 Sea	r: r: D2 Reconst Depth, m 4 9	truction of W Sampling Depth,m 1 3 1 4.5 8 1 1 2	EM EM EM /ong She reather C 7empera a 28.8 27.5 28.3 26.7 25.4 28.8 28.8	2365 6167 6167 ek and Ko ondition: ature, °C b 28.6 28.6 28.4 26.5 25.3 28.6 28.6 28.6	Lau Wa Sunny Dissolve a 5.42 4.80 4.47 3.58 2.61 3.47 2.50	Calibrati Calibrati Calibrati d Oxyge b 5.30 4.82 4.45 3.57 2.59 3.46 2.47	on Check: on Check: Piers Average 5.36 4.81 4.02 2.60 3.47	Dissolve a 82.0 76.0 72.5 63.6 54.9 62.5 54.0	9.8 34.5 Client: Ambie b 81.8 76.2 72.3 63.5 54.7 62.6 53.9	NTU ppt <u>Kin Shing</u> nt Tempera Average 81.9 76.1 68.0 54.8 62.6	a 31.3 32.9 31.7 32.5 33.0 31.2 32.4	31 pppt b 31.4 32.9 31.5 32.4 33.1 31.1 31.1	Turbidity           a           1.29           2.23           1.71           2.46           2.82           1.15           1.97	T NTU b 1.27 2.23 1.70 2.45 2.83 1.16 1.98	Checked Date: Job No.: ide State: 1.76 2.33	By: J429 Mid-Ebb Suspenc 7.7 12.0 6.3 10.0 9.0 8.7 11.0	Raymon 14/10/20 ded Solid 9.0 13.0 8.7 11.0 11.0 8.0 11.0	s, mg/L Depth Average 10.4 9.3	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	34.5	ppt	Date:	14/10/2005
	Thermometer:	EM	6167					

	No. CV/2004/		ruction of VV	ong Sne	k anu rio	Lau Wai	n Public I	Piers			Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
				-														d		
ime	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxygei	n, mg/L	Dissolve	d Oxygei	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	led Solid	s, mg/L	Remarks
	Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
16:23			1	28.3	28.4	4.37	4.38	4.30	67.7	67.8	66.1	31.9	32.2	1.73	1.76		16.0	16.0		
16:23		5	2.5	28.1	28.2	4.24	4.22		64.3	64.6		32.1	32.2	2.07	2.11	2.04	6.0	7.7	13.0	
16:25			4	27.9	28.0	4.02	4.00	4.01	60.3	60.5	60.4	32.4	32.3	2.30	2.27		17.0	15.0		
16:34			1	28.2	28.2	4.97	4.99	4 84	80.1	79.8	78.4	31.2	31.3	0.96	1.00		16.0	18.0		
16:35		10	5	27.6	27.7	4.71	4.69		76.9	76.7		31.4	31.5	1.21	1.24	1.21	12.0	11.0	14.5	
16:39			9	27.1	27.0	4.56	4.57	4.57	72.9	73.1	73.0	31.6	31.7	1.40	1.45		18.0	12.0		
16:16			1	28.6	28.6	4.67	4.69	4.00	73.7	73.9	70.0	31.5	31.4	0.93	0.95		21.0	17.0		
16:16		4						4.68			73.8					1.10			15.8	
16:17			3	28.2	28.1	4.51	4.53	4.52	71.3	71.4	71.4	31.6	31.5	1.20	1.30		12.0	13.0		
16:46			1	27.9	28.1	4.95	4.97	4.00	80.1	80.3	70 7	31.7	31.8	1.73	1.76		17.0	20.0		
16:47		11	5.5	27.4	27.4	4.70	4.68	4.83	77.2	77.1	78.7	32.0	32.1	1.85	1.89	1.85	16.0	16.0	16.3	
16:51			10	27.0	26.9	4.48	4.49	4.49	75.0	74.9	75.0	32.3	32.4	1.90	1.94		16.0	13.0		
used:	Dissolved O			EM EM	6167 2365			on Check: on Check:			100%: NTU					Sampled I Checked I		K.M.YUI Raymon		
used:		ter: r:			6167 2365 6167 6167		Calibrati			100 10 34.3	NTU						Ву:		d Dai	
	Turbidity Met	ter: r: r:		EM EM	2365 6167 6167		Calibrati	on Check: on Check:		10 34.3	NTU	Construe	ction Co.,	Ltd.		Checked I	Зу:	Raymon	d Dai	
Contract	Turbidity Met Salinity Mete Thermomete	ter: r: 02 Reconst	ruction of W	EM EM	2365 6167 6167 k and Ko	Lau Wa	Calibrati	on Check: on Check:		10 34.3 Client:	DTU ppt					Checked I Date:	Зу: 	Raymon 17/10/20	d Dai	
Contract	Turbidity Mel Salinity Mete Thermomete No. CV/2004/	ter: r: 02 Reconst	ruction of W W Sampling	EM EM /ong She eather Co	2365 6167 6167 k and Ko ondition:	Lau Wa	Calibrati Calibrati n Public I d Oxyger	on Check: on Check: Piers	Dissolve	10 34.3 Client: Ambier	NTU ppt Kin Shing		31		1	Checked I Date: Job No.:	3y: J429 Mid-Ebb	Raymon 17/10/20	d Dai )05 s, mg/L Depth	Remarks
Contract	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	er: r: 02 Reconst	ruction of W W Sampling	EM EM EM /ong She eather Co Tempera	2365 6167 6167 k and Ko ondition:	Lau War Sunny Dissolve	Calibrati Calibrati n Public I d Oxyger	on Check: on Check: Piers n, mg/L Average		10 34.3 Client: Ambier	NTU ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity,	31 ppt	Turbidity	, NTU	Checked I Date: Job No.: Tide State:	3y: J429 Mid-Ebb	Raymon 17/10/20	d Dai 005 s, mg/L	Remarks
Contract   ampling: Time	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	er: r: 02 Reconst	ruction of W W Sampling Depth,m	EM EM /ong She eather Co Tempera a	2365 6167 6167 k and Ko ondition: ature, °C b	Lau War Sunny Dissolve a	Calibrati Calibrati n Public d Oxygei b	on Check: on Check: Piers n, mg/L	а	10 34.3 Client: Ambier d Oxyger b	NTU ppt Kin Shing nt Tempera	ature,°C: Salinity, a	31 ppt b	Turbidity a	ז , NTU b	Checked I Date: Job No.: Tide State:	3y: J429 Mid-Ebb Suspenc	Raymon 17/10/20 ded Solid	d Dai )05 s, mg/L Depth	Remarks
Contract   ampling: Time 12:43	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	er: r: D2 Reconst D2 Reconst Depth, m	ruction of W W Sampling Depth,m	EM EM /ong She eather Co Tempera a	2365 6167 6167 k and Ko ondition: ature, °C b	Lau War Sunny Dissolve a	Calibrati Calibrati n Public d Oxygei b	on Check: on Check: Piers n, mg/L Average	а	10 34.3 Client: Ambier d Oxyger b	NTU ppt Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a	31 ppt b	Turbidity a	ז , NTU b	Checked I Date: Job No.: Tide State: Average	3y: J429 Mid-Ebb Suspenc	Raymon 17/10/20 ded Solid	d Dai 005 s, mg/L Depth Average	Remarks
Contract I ampling: Time 12:43 12:43	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	er: r: D2 Reconst D2 Reconst Depth, m	ruction of W W Sampling Depth,m	EM EM /ong She eather Co Tempera a 28.0	2365 6167 6167 k and Ko ondition: b 28.0	Lau War Sunny Dissolve a 4.62	Calibrati Calibrati n Public d Oxygen b 4.65	on Check: on Check: Piers n, mg/L Average 4.64 4.55	a 73.4	10 34.3 Client: Ambier b 73.7	NTU ppt Kin Shing nt Tempera n, % Average 73.6 72.0	ature,°C: Salinity, a 31.5	31 b 31.5	Turbidity a 1.33	7 , NTU b 1.29	Checked I Date: Job No.: Tide State: Average	3y: J429 Mid-Ebb Suspenc	Raymon 17/10/20 Jed Solid 14.0	d Dai 005 s, mg/L Depth Average	Remarks
Contract ampling: ime 12:43 12:43 12:44	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	er: r: D2 Reconst D2 Reconst Depth, m	ruction of W W Sampling Depth,m 1 3	EM EM /ong She eather Co Tempera a 28.0 27.6	2365 6167 6167 k and Ko ondition: b 28.0 27.7	Lau War Sunny Dissolve a 4.62 4.53	Calibration Calibration n Public I d Oxygen b 4.65 4.56	on Check: on Check: Piers Average 4.64	a 73.4 71.9	10 34.3 Client: Ambier b 73.7 72.1	NTU ppt Kin Shing nt Tempera n, % Average 73.6	ature,°C: Salinity, a 31.5 31.3	31 ppt b 31.5 31.4	Turbidity a 1.33 2.03	, NTU b 1.29 2.04	Checked I Date: Job No.: Tide State: Average	3у: J429 <u>Mid-Ebb</u> Suspenc 17.0 16.0	Raymon 17/10/20	d Dai 005 s, mg/L Depth Average	Remarks
Contract   ampling: 12:43 12:44 11:28	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 1	EM EM Cong She eather Co Tempera a 28.0 27.6 28.1	2365 6167 6167 k and Ko ondition: ture, °C b 28.0 28.0 27.7 28.1	Lau Wai Sunny Dissolve a 4.62 4.53 4.49	Calibrati Calibrati n Public : d Oxyge b 4.65 4.56 4.48	on Check: on Check: Piers n, mg/L Average 4.64 4.55	a 73.4 71.9 76.1	10 34.3 Client: Ambieu b 73.7 72.1 76.3	NTU ppt Kin Shing nt Tempera n, % Average 73.6 72.0	ature, °C: Salinity, a 31.5 31.3 30.9	31 ppt b 31.5 31.4 30.8	Turbidity a 1.33 2.03 0.80	, NTU b 1.29 2.04 0.80	Checked I Date: Job No.: Tide State: Average	Зу: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 17.0 16.0 15.0	Raymon 17/10/20 4ted Solid 14.0 17.0 11.0	d Dai 005 s, mg/L Depth Average 16.0	Remarks
Contract   ampling: ime 12:43 12:43 12:44 11:28 11:29	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 1 4.5	EM EM EM eather Co Tempera a 28.0 27.6 28.1 27.3	2365 6167 6167 k and Ko ondition: b 28.0 27.7 28.1 27.4	Lau War Sunny Dissolve a 4.62 4.53 4.49 4.33	Calibrati Calibrati an Public b d Oxygen b d Oxygen b d A.65 4.65 4.56 4.48 4.36	n Check: Piers n, mg/L Average 4.64 4.55 4.42 4.00	a 73.4 71.9 76.1 67.3	10 34.3 Client: Ambieu b 73.7 72.1 76.3 67.6	NTU ppt <u>Kin Shing</u> nt Tempera Average 73.6 72.0 71.8 61.3	ature, °C: Salinity, a 31.5 31.3 30.9 31.6	31 ppt b 31.5 31.4 30.8 31.8	Turbidity a 1.33 2.03 0.80 1.21	, NTU b 1.29 2.04 0.80 1.23	Checked I Date: Job No.: Tide State: Average	Зу: J429 Mid-Ebb Suspenc 17.0 16.0 15.0 13.0	Raymon 17/10/20	d Dai 005 s, mg/L Depth Average 16.0	Remarks
Contract   ampling: ime 12:43 12:44 11:28 11:29 11:32	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	r: r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She eather Co Tempera a 28.0 27.6 28.1 27.3 26.8	2365 6167 6167 k and Ko ondition: b 28.0 27.7 28.1 27.4 26.8	Lau War Sunny Dissolve a 4.62 4.53 4.49 4.33 4.00	Calibrati Calibrati a Public 1 b 4.65 4.65 4.48 4.36 3.99	on Check: on Check: Piers Average 4.64 4.55 4.42	a 73.4 71.9 76.1 67.3 61.2	10 34.3 Client: Ambieu b 73.7 72.1 76.3 67.6 61.3	NTU ppt Kin Shing nt Tempera Average 73.6 72.0 71.8	ature, °C: Salinity, a 31.5 31.3 30.9 31.6 32.4	31 ppt b 31.5 31.4 30.8 31.8 32.3	Turbidity a 1.33 2.03 0.80 1.21 1.50	, NTU b 1.29 2.04 0.80 1.23 1.47	Checked I Date: Job No.: Tide State: Average	Зу: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 17.0 16.0 15.0 15.0	Raymon 17/10/20 ied Solid 14.0 17.0 11.0 14.0 13.0	d Dai 005 s, mg/L Depth Average 16.0	Remarks
Contract   ampling: ime 12:43 12:43 11:28 11:28 11:29 11:32 13:05	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	r: r: D2 Reconst Depth, m 4 9	ruction of W W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She eather Co Tempera a 28.0 27.6 28.1 27.3 26.8	2365 6167 6167 k and Ko ondition: b 28.0 27.7 28.1 27.4 26.8	Lau War Sunny Dissolve a 4.62 4.53 4.49 4.33 4.00	Calibrati Calibrati a Public 1 b 4.65 4.65 4.48 4.36 3.99	n Check: Piers n, mg/L Average 4.64 4.55 4.42 4.00	a 73.4 71.9 76.1 67.3 61.2	10 34.3 Client: Ambieu b 73.7 72.1 76.3 67.6 61.3	NTU ppt <u>Kin Shing</u> nt Tempera Average 73.6 72.0 71.8 61.3	ature, °C: Salinity, a 31.5 31.3 30.9 31.6 32.4	31 ppt b 31.5 31.4 30.8 31.8 32.3	Turbidity a 1.33 2.03 0.80 1.21 1.50	, NTU b 1.29 2.04 0.80 1.23 1.47	Checked I Date: Job No.: Tide State: 1.67 1.17	Зу: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 17.0 16.0 15.0 15.0	Raymon 17/10/20 ied Solid 14.0 17.0 11.0 14.0 13.0	d Dai 005 s, mg/L Depth Average 16.0 13.5	Remarks
Contract ampling: ime 12:43 12:44 11:28 11:29 11:32 13:05 13:05	Turbidity Mete Salinity Mete Thermomete No. CV/2004/ 10/10/2005 Sea	r: r: D2 Reconst Depth, m 4 9	ruction of W W Sampling Depth,m 1 1 4.5 8 1	EM EM EM /ong She eather Co Tempera a 28.0 27.6 28.1 27.3 26.8 28.4	2365 6167 6167 k and Ko ondition: b 28.0 27.7 28.1 27.4 26.8 28.4	Lau War Sunny Dissolve a 4.62 4.53 4.49 4.33 4.00 4.73	Calibrati Calibrati an Public b 4.65 4.48 4.36 3.99 4.75	on Check: on Check: Piers Average 4.64 4.55 4.42 4.00 4.74	a 73.4 71.9 76.1 67.3 61.2 73.4	10 34.3 Client: Ambieu b 73.7 72.1 76.3 67.6 61.3 73.1	NTU ppt <u>Kin Shing</u> nt Tempera Average 73.6 72.0 71.8 61.3 73.3	ature, °C: Salinity, a 31.5 31.3 30.9 31.6 32.4 31.3	31 ppt b 31.5 31.4 30.8 31.8 32.3 31.4	Turbidity           a           1.33           2.03           0.80           1.21           1.50           0.79	NTU b 1.29 2.04 0.80 1.23 1.47 0.81	Checked I Date: Job No.: Tide State: 1.67 1.17	J429 <u>Mid-Ebb</u> Suspenc 17.0 16.0 13.0 13.0 14.0	Raymon 17/10/20 led Solid 14.0 17.0 14.0 13.0 15.0	d Dai 005 s, mg/L Depth Average 16.0 13.5	Remarks
	ime           16:23           16:25           16:34           16:35           16:36           16:16           16:16           16:17           16:46           16:47	Sea Condition           16:23           16:25           16:34           16:35           16:36           16:37           16:38           16:39	Condition         Depth, m           16:23	Sea Condition         Overall Depth, m         Sampling Depth, m           16:23         1         1           16:23         5         2.5           16:25         4         1           16:34         10         5           16:35         10         5           16:39         9         1           16:16         4         1           16:16         4         1           16:16         4         1           16:16         4         1           16:46         11         5.5	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c c } \hline \begin{tabular}{ c c c c c } \hline \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Sea Condition         Overall Depth, m         Sampling Depth, m         Temperature, °C         Dissolved Oxygen, mg/L         Dissolved	Image: Condition         Overall Depth, m	Image: Condition         Overall peth, m         Sampling peth, m         Temperature, °C         Dissolved Oxyer, Mg/L         Dissolved Oxyer, %         Salinity,         Salinity,         Salinity,         Interplay and a bit of	Image: Condition         Overall pepth, m         Sampling pepth, m         Temperature, °C         Dissolved Oxygen, mg/L         Dissolved Oxygen, %         Salinity, pt           16:23         Depth, m $a$ b $a$ b         Average $a$ $b$ $Average$ $a$ $b$	Image: Condition         Overall Depth, m	Ime         Sea         Overall Condition         Sampling Depth, m         Temperature, °C a         Dissolved Oxygen, mg/L         Dissolved Oxygen, %         Salinity, pt         Turbidity, NTU           16:23         Depth, m         Depth, m         Depth, m         Depth, m         28.4         4.37         4.38         4.37         67.7         67.8         66.1         31.9         32.2         1.73         1.76           16:23         2.5         28.1         28.2         4.24         4.22         4.33         64.6         66.1         31.9         32.2         1.73         1.76           16:25         4         27.9         28.0         4.02         4.00         4.01         60.3         60.5         60.4         32.4         32.3         2.30         2.27           16:34         1         28.2         28.2         4.97         4.99         4.84         80.1         79.8         78.4         31.4         31.5         1.21         1.24           16:35         10         5         27.6         27.7         4.71         4.69         76.7         78.4         31.4         31.5         1.21         1.24           16:35         9         27.1         27.0	Image: condition         Overall pepth, m         Sampling pepth, m         Temperature, °C         Disolve Oxymetric         Disolve Oxymetric         Salinity, pt         Turbidity, NU         Nucleity, NU <td>Image: condition         Overall pepth, m         Sampling Depth, m         Temperature, °C         Dissolved Oxyer, mg/L         Dissolved Oxyer, Mg/L         Salinity, pt         Turbidity, NTU         Salinity, pt         Turbidity, NTU         Sampling Depth, m         Sampling Pepth, m         Samp</td> <td>Image: condition         Overall pepth, m         Sampling pepth, m         Temperature, <math>\hat{\gamma}^{\circ}</math>         Disolve <math>Oxyger, \hat{\gamma}_{\circ}</math>         Salinity, <math>pri</math>         Turbidity, <math>NTU</math>         Support         Support</td> <td>Image: condition or potential condition or potential formation or potentis and potentis potential formation or potential formation or pot</td>	Image: condition         Overall pepth, m         Sampling Depth, m         Temperature, °C         Dissolved Oxyer, mg/L         Dissolved Oxyer, Mg/L         Salinity, pt         Turbidity, NTU         Salinity, pt         Turbidity, NTU         Sampling Depth, m         Sampling Pepth, m         Samp	Image: condition         Overall pepth, m         Sampling pepth, m         Temperature, $\hat{\gamma}^{\circ}$ Disolve $Oxyger, \hat{\gamma}_{\circ}$ Salinity, $pri$ Turbidity, $NTU$ Support         Support	Image: condition or potential condition or potential formation or potentis and potentis potential formation or potential formation or pot

EM 6167 <u>100</u> 100%: Equipment used: Dissolved Oxygen Meter: Calibration Check: Sampled By: K.M.YUNG 10 NTU 2365 Raymond Dai Turbidity Meter: EM Calibration Check: Checked By: Salinity Meter: EM 6167 Calibration Check: 34.3 ppt 17/10/2005 Date: EM 6167 Thermometer:

74.1

73.6

73.9

32.2

32.4 2.50

2.54

13.0

14.0

CW2 B

12:15

9

26.3

26.1

4.39

4.35

4.37

	Contract	No. CV/2004/	02 Reconst	ruction of W	ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	, Ltd.		Job No.:	J429			
Date of	Sampling:	12/10/2005		W	eather Ce	ondition:	Sunny			-		nt Tempera					Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling	Tempera	iture. ⁰C	Dissolve	d Oxvae	n. ma/L	Dissolve	d Oxvae	n. %	Salinity,	ppt	Turbidity	NTU		Suspend	ded Solid	ls. ma/L	Remarks
		Condition	Depth, m		a	b	a		Average	a	b	Average	a	b	a		Average	Cuopon		Depth Average	nomano
WW1 S	14:54			1	27.7	27.6	4.51	4.51	4.43	67.8	67.9	66.4	31.6	31.6	1.90	1.88		19.0	15.0		
MW1 M	14:54		5	2.5	27.5	27.5	4.35	4.36		64.9	65.1		31.9	31.8	2.15	2.17	2.14	8.0	9.3	12.4	
MW1 B	14:56			4	27.3	27.3	4.20	4.19	4.20	62.5	62.6	62.6	32.2	32.1	2.35	2.37		12.0	11.0		
MW2 S	15:06	-	10	1	27.8	27.8	4.70	4.71	4.63	70.3	70.3	68.4	31.2	31.2	1.31	1.32		10.0	7.7		
MW2 M MW2 B	15:07	-	10	5 9	27.5	27.6	4.57	4.55	4.09	66.5	66.6	62.0	31.6 32.0	31.6	1.45	1.47	1.50	8.7	9.3	8.7	
CW1 S	15:11 14:45			9	27.2 27.7	27.3 27.8	4.07 4.72	4.09 4.73	4.08	62.9 70.7	62.8 70.6	62.9	31.3	32.0 31.4	1.70 0.97	1.72 0.98		7.7	8.7 11.0		
CW1 M	14:45		4			2.1.0			4.73			70.7	00	07	0.0.	0.00	1.08			11.0	
CW1 B	14:46	-		3	27.6	27.6	4.48	4.46	4.47	67.9	68.0	68.0	31.7	31.8	1.17	1.18		9.7	7.3		
CW2 S	15:19			1	27.7	27.7	4.77	4.76		72.3	72.2		31.4	31.4	1.31	1.32		8.0	9.7		
CW2 M	15:20	]	11	5.5	27.4	27.3	4.61	4.59	4.68	68.6	68.5	70.4	31.8	31.8	1.64	1.62	1.56	10.0	12.0	11.8	
CW2 B	15:24			10	27.1	27.1	4.32	4.34	4.33	64.1	64.2	64.2	32.1	32.2	1.73	1.75		13.0	18.0		
		<b>D</b> : 1 10				0407		0 17 17	<b>0</b> 1 1			1000						-			
quipmen	it used:	Dissolved O: Turbidity Me			EM	6167		Calibrati	on Check:		100	100%:					Sampled	ву:	K.M.YU	NG	
					FM	2365		Calibrati	on Check		9.8	NTU					Checked	Bv:	Raymon	d Dai	
		Salinity Mete			EM EM	2365 6167			on Check: on Check:		9.8 35.5	_					Checked Date:	By:	Raymon 19/10/20		
		Salinity Mete	r:			2365 6167 6167					9.8 35.5							By:	Raymon 19/10/20		
traiaat	Contract	Thermomete	r: r:	- - -	EM EM	6167 6167		Calibrati	on Check:		35.5	ppt	Constru	tion Co.			Date:				
			r: r: 02 Reconst	ruction of W	EM EM	6167 6167 k and Ko	Lau Wa	Calibrati	on Check:		35.5 Client:	ppt Kin Shing						J429	19/10/20		
Date of	Sampling:	Thermomete No. CV/2004/ 12/10/2005	r: 02 Reconsi	ruction of W	EM EM 'ong She eather Co	6167 6167 k and Ko ondition:	Lau Wa	Calibrati n Public	on Check: Piers	-	35.5 Client: Ambie	ppt <u>Kin Shing</u> nt Tempera	ature,°C:	30	-	1	Date: Job No.:	J429 Mid-Ebb	19/10/20	-	
Date of		Thermomete No. CV/2004/	r: 02 Reconsi	ruction of W W	EM EM 'ong She eather Co	6167 6167 k and Ko ondition:	Lau Wa	Calibrati n Public	on Check: Piers		35.5 Client: Ambie	ppt <u>Kin Shing</u> nt Tempera		30		1	Date: Job No.:	J429 Mid-Ebb	19/10/20	-	Remarks
Date of	Sampling:	Thermomete No. CV/2004/ 12/10/2005 Sea	r: 02 Reconst	ruction of W W	EM EM long She eather Co Tempera	6167 6167 k and Ko ondition: iture, °C	Lau Wa Sunny Dissolve	Calibrati n Public	on Check: Piers n, mg/L Average	Dissolve	35.5 Client: Ambie d Oxyge	ppt Kin Shing nt Tempera	ature,°C: Salinity,	30 ppt	Turbidity	, NTU	Date: Job No.: Fide State:	J429 Mid-Ebb	19/10/20	ls, mg/L	Remarks
Date of Station	Sampling: Time	Thermomete No. CV/2004/ 12/10/2005 Sea	r: 02 Reconst	ruction of W W Sampling Depth,m	EM EM fong She eather Co Tempera a	6167 6167 k and Ko ondition: tture, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge	on Check: Piers	Dissolve a	35.5 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a	30 ppt b	Turbidity a	ז , NTU b	Date: Job No.: Fide State:	J429 Mid-Ebb Suspend	19/10/20	ls, mg/L	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 9:57	Thermomete No. CV/2004/ 12/10/2005 Sea	r: D2 Reconst Overall Depth, m	ruction of W W Sampling Depth,m	EM EM fong She eather Co Tempera a	6167 6167 k and Ko ondition: tture, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge	on Check: Piers n, mg/L Average	Dissolve a	35.5 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a	30 ppt b	Turbidity a	ז , NTU b	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend	19/10/20	005 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 9:57 9:57 9:58 9:30	Thermomete No. CV/2004/ 12/10/2005 Sea	r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 3	EM EM long She eather Co Tempera a 27.5 27.2 27.6	6167 6167 k and Ko ondition: tture, °C b 27.4 27.2 27.6	Lau Wa Sunny Dissolve a 4.82 4.30 4.48	Calibrati n Public d Oxyge b 4.79 4.32 4.46	Piers h, mg/L Average 4.81	Dissolve a 72.7 68.2 74.7	35.5 Client: Ambie b 73.0 68.1 74.9	ppt <u>Kin Shing</u> nt Tempera n, % Average 72.9	ature, °C: Salinity, a 31.3 31.6 31.3	30 ppt b 31.3 31.5 31.2	Turbidity a 1.54 1.93 1.10	, NTU b 1.52 1.95 1.13	Date: Job No.: Fide State: Average 1.74	J429 Mid-Ebb Suspend 7.7 20.0 8.3	19/10/20 ded Solid 7.0 18.0 9.7	s, mg/L Depth Average 13.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 9:57 9:57 9:58 9:30 9:31	Thermomete No. CV/2004/ 12/10/2005 Sea	r: D2 Reconst Overall Depth, m	ruction of W W Sampling Depth,m 1 3 1 4.5	EM EM ong She eather C Tempera a 27.5 27.2 27.6 27.4	6167 6167 k and Ko ondition: ture, °C b 27.4 27.2 27.6 27.3	Lau Wai Sunny Dissolve a 4.82 4.30 4.48 4.40	Calibrati n <u>Public</u> b 4.79 4.32 4.46 4.37	n, mg/L Average 4.81 4.31	Dissolve a 72.7 68.2 74.7 70.3	35.5 Client: Ambie b 73.0 68.1 74.9 70.1	ppt Kin Shing nt Tempera n, % Average 72.9 68.2 72.5	ature, °C: Salinity, a 31.3 31.6 31.3 31.7	30 ppt b 31.3 31.5 31.2 31.6	Turbidity a 1.54 1.93 1.10 1.60	, NTU b 1.52 1.95 1.13 1.62	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend 7.7 20.0 8.3 9.0	19/10/20 19/10/20 ded Solid 7.0 18.0 9.7 6.3	005 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 9:57 9:57 9:58 9:30 9:31 9:34	Thermomete No. CV/2004/ 12/10/2005 Sea	r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 1 4.5 8	EM EM long She eather C Tempera 27.5 27.2 27.6 27.4 27.2	6167 6167 k and Ko condition: ture, °C b 27.4 27.2 27.6 27.3 27.1	Lau Wai Sunny Dissolve a 4.82 4.30 4.48 4.40 4.23	Calibrati n Public d Oxyge b 4.79 4.32 4.46 4.37 4.24	n Check: Piers n, mg/L Average 4.81 4.31	Dissolve a 72.7 68.2 74.7 70.3 63.7	35.5 Client: Ambie b 73.0 68.1 74.9 70.1 63.6	ppt Kin Shing nt Tempera Average 72.9 68.2	ature, °C: Salinity, a 31.3 31.6 31.3 31.7 32.2	30 ppt b 31.3 31.5 31.2 31.6 32.3	Turbidity a 1.54 1.93 1.10 1.60 1.83	NTU b 1.52 1.95 1.13 1.62 1.81	Date: Job No.: Fide State: Average 1.74	J429 Mid-Ebb Suspend 7.7 20.0 8.3 9.0 13.0	19/10/20 19/10/20 ded Solid 7.0 18.0 9.7 6.3 13.0	s, mg/L Depth Average 13.2	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 9:57 9:57 9:58 9:30 9:31	Thermomete No. CV/2004/ 12/10/2005 Sea	r: D2 Reconst Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 1 4.5	EM EM ong She eather C Tempera a 27.5 27.2 27.6 27.4	6167 6167 k and Ko ondition: ture, °C b 27.4 27.2 27.6 27.3	Lau Wai Sunny Dissolve a 4.82 4.30 4.48 4.40	Calibrati n <u>Public</u> b 4.79 4.32 4.46 4.37	n, mg/L Average 4.81 4.31	Dissolve a 72.7 68.2 74.7 70.3	35.5 Client: Ambie b 73.0 68.1 74.9 70.1	ppt Kin Shing nt Tempera n, % Average 72.9 68.2 72.5	ature, °C: Salinity, a 31.3 31.6 31.3 31.7	30 ppt b 31.3 31.5 31.2 31.6	Turbidity a 1.54 1.93 1.10 1.60	, NTU b 1.52 1.95 1.13 1.62	Date: Job No.: Fide State: Average 1.74	J429 Mid-Ebb Suspend 7.7 20.0 8.3 9.0	19/10/20 19/10/20 ded Solid 7.0 18.0 9.7 6.3	s, mg/L Depth Average 13.2	Remarks

EM 6167 Equipment used: Dissolved Oxygen Meter: Calibration Check: 100 100%: Sampled By: K.M.YUNG 9.8 NTU EM 2365 Checked By: Turbidity Meter: Calibration Check: Raymond Dai EM 6167 35.5 ppt 19/10/2005 Salinity Meter: Calibration Check: Date: Thermometer: EM 6167

77.1

69.9

64.5

4.59

4.43

76.9

70.0

64.8

31.3

31.6

31.8

73.5

64.7

31.2

31.7

31.8

1.30

1.70

1.93

1.31

1.72

1.94

1.65

7.7

11.0

7.7

8.7

14.0

5.0

9.0

CW2 S

CW2 M

CW2 B

9:44

9:45

9:49

1

5

9

10

27.4

27.2

27.0

27.4

27.2

27.1

4.66

4.52

4.44

4.65

4.51

4.42

Project:	Contract	No. CV/2004/0	2 Recons	ruction of W	/ona She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	tion Co	Ltd.		Job No.:	J429			
-		14/10/2005				ondition:						nt Tempera					ide State:		- od		
station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ⁰C b	Dissolve a		n, mg/L Average	Dissolve a	d Oxyger b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth Average	Remarks
MW1 S	16:30			1	28.2	28.3	4.75	4.63		69.6	67.9		34.5	34.5	1.33	1.25		14.0	12.0	riterage	
MW1 M	16:30		5	2.5	28.0	28.0	4.68	4.75	4.70	65.9	66.8	67.6	34.8	34.8	1.19	1.07	1.22	7.3	5.3	9.2	
MW1 B	16:32			4	27.8	27.8	4.66	4.70	4.68	67.1	69.6	68.4	34.9	34.9	1.18	1.32		7.3	9.3		
MW2 S	16:00			1	28.3	28.3	4.80	4.66		68.9	70.0		34.6	34.6	0.99	1.28		5.3	3.7		
/W2 M	16:01	small wave	10	5	28.0	28.0	4.72	4.72	4.73	69.4	68.5	90.0	34.9	34.9	1.47	1.30	1.31	11.0	8.0	6.6	
MW2 B	16:05			9	27.9	27.8	4.67	4.75	4.71	67.4	69.9	80.8	35.0	35.0	1.50	1.34		6.0	5.3		
CW1 S	16:40			1	28.3	28.3	4.59	4.73	1.00	70.3	69.7	70.0	34.5	34.5	1.14	1.34		6.0	6.0		
CW1 M	16:40		4						4.66			70.0					1.20			7.4	
CW1 B	16:41			3	28.1	28.1	4.68	4.69	4.69	70.5	68.4	69.5	34.7	34.6	0.93	1.39		8.7	8.7		
CW2 S	16:15			1	29.3	28.2	4.72	4.76	4 74	67.7	69.3	69.1	34.6	34.6	1.44	1.25		8.7	8.3		
CW2 M	16:16		11	5.5	28.1	28.0	4.75	4.61	4.71	68.7	70.6	69.1	34.8	35.0	1.38	1.06	1.20	6.7	6.0	8.2	
CW2 B	16:20			10	27.8	27.8	4.58	4.67	4.63	70.1	70.1	70.1	35.0	34.9	0.95	1.11		8.5	11.0		
Jaihungi		Dissolved Ox Turbidity Met	er:			6167 2365		Calibrati	on Check: on Check:		9.9	NTU					Sampled I	By:	伊 Raymon		
	Contract		er: r: 72 <u>Recons</u>	truction of W	EM EM EM /ong She	2365 6167 6167		Calibrati Calibrati	on Check: on Check:		9.9 35.4 Client:	NTU						Зу: J429	Raymor		
roject: Date of	Contract	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0	er: r: 72 <u>Recons</u>	truction of W	EM EM EM /ong She	2365 6167 6167 k and Ko	Sunny	Calibrati Calibrati n Public	on Check: on Check: Piers n, mg/L		9.9 35.4 Client: Ambier	NTU ppt <u>Kin Shing</u> nt Tempera		29		1	Checked I Date: Job No.: ide State:	Зу: J429	Raymor 21/10/20	005 - Is, mg/L	Remarks
roject: Date of	Contract Sampling:	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea	er: r: D2 Recons	truction of W W Sampling	EM EM EM /ong She	2365 6167 6167 kk and Ko ondition:	Sunny	Calibrati Calibrati n Public	on Check: on Check: Piers		9.9 35.4 Client: Ambiei	NTU ppt <u>Kin Shing</u> nt Tempera	ature,°C:	29		1	Checked I Date: Job No.: ide State:	J429 Mid-Ebb	Raymor 21/10/20		Remarks
roject: Date of tation	Contract Sampling:	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea	er: r: r: D2 Recons	truction of W W Sampling	EM EM EM /ong She reather C	2365 6167 6167 ek and Ko ondition:	Sunny Dissolve	Calibrati Calibrati n Public	on Check: on Check: Piers n, mg/L	Dissolve	9.9 35.4 Client: Ambier	NTU ppt Kin Shing nt Tempera	ature,⁰C: Salinity,	29 ppt	Turbidity	, NTU	Checked I Date: Job No.: ide State:	J429 Mid-Ebb	Raymor 21/10/20	ls, mg/L	Remarks
Date of ation	Contract Sampling: Time	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea	er: r: r: D2 Recons	truction of W W Sampling Depth,m	EM EM Cong She reather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge b	on Check: on Check: Piers n, mg/L Average	Dissolve	9.9 35.4 Client: Ambien d Oxygen b	NTU ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity, a	29 ppt b	Turbidity a	ז , NTU b	Checked I Date: Job No.: ide State:	J429 Mid-Ebb	Raymor 21/10/20	ls, mg/L	Remarks
roject: Date of tation MW1 S MW1 M	Contract Sampling: Time 9:55 9:55	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 : 14/10/2005 Sea Condition	er: r: )2 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM Cong She reather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge b	on Check: on Check: Piers n, mg/L Average	Dissolve	9.9 35.4 Client: Ambien d Oxygen b	NTU ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity, a	29 ppt b	Turbidity a	ז , NTU b	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb	Raymor 21/10/20	5005 s, mg/L Depth Average	Remarks
roject: Date of tation VW1 S VW1 M	Contract Sampling: Time 9:55 9:55	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 : 14/10/2005 Sea Condition	er: r: )2 Recons Overall Depth, m	truction of W W Sampling Depth,m 1	EM EM /ong She /eather C Tempera a 28.3	2365 6167 6167 ek and Ko ondition: ature, °C b 28.3	Sunny Dissolve a 4.72	Calibrati Calibrati n Public d Oxyge b 4.70	on Check: Piers n, mg/L Average 4.71	Dissolve a 70.5	9.9 35.4 Client: Ambieu d Oxygeu b 71.3	NTU ppt <u>Kin Shing</u> nt Tempera Average 70.9	ature,°C: Salinity, a 34.8	29 ppt b 34.8	Turbidity a 1.48	, NTU b 1.30	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspenc	Raymor 21/10/20 ded Solid	5005 s, mg/L Depth Average	Remarks
roject: Date of tation MW1 S MW1 M MW1 B MW2 S	Contract Sampling: Time 9:55 9:55 9:56	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 : 14/10/2005 Sea Condition	er: r: )2 Recons Overall Depth, m	Sampling Depth,m	EM EM /ong She eather C Tempera a 28.3 27.9	2365 6167 6167 ek and Ko ondition: b 28.3 28.0	Sunny Dissolve a 4.72 4.56	Calibrati Calibrati n Public d Oxyge b 4.70 4.64	on Check: Piers n, mg/L Average 4.71 4.60	Dissolve a 70.5 68.6	9.9 35.4 Client: Ambien b 71.3 69.4	NTU ppt Kin Shing nt Tempera Average 70.9 69.0	ature,°C: Salinity, a 34.8 34.7	29 ppt b 34.8 34.7	Turbidity a 1.48 1.22	, NTU b 1.30 1.16	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspenc	Raymor 21/10/20 ded Solic 12.0	5005 s, mg/L Depth Average	Remarks
Troject: Date of tation WW1 S WW1 M WW1 B WW2 S WW2 M	Contract Sampling: Time 9:55 9:55 9:56 9:10	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 :	er: r: )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons	truction of W W Sampling Depth,m 1 3 1	EM EM Cong She reather C 28.3 27.9 28.2	2365 6167 6167 kk and Ko ondition: b 28.3 28.0 28.2	Sunny Dissolve a 4.72 4.56 4.77	Calibrati Calibrati n Public d Oxyge b 4.70 4.64 4.65	on Check: Piers n, mg/L Average 4.71 4.60	Dissolve a 70.5 68.6 68.3	9.9 35.4 Client: Ambiei b 71.3 69.4 68.9	NTU ppt Kin Shing nt Tempera Average 70.9 69.0	ature,°C: Salinity, a 34.8 34.7 34.7	29 ppt 34.8 34.7 34.7	Turbidity a 1.48 1.22 1.26	, NTU b 1.30 1.16 1.16	Checked I Date: Job No.: ïde State: Average	3y: J429 Mid-Ebb Suspenc 10.0 10.0	Raymor 21/10/20 - - - - - - - - - - - - - - - - - - -	s, mg/L Depth Average 11.0	Remarks
roject: Date of tation MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Contract Sampling: Time 9:55 9:55 9:56 9:10 9:11	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 :	er: r: )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons	Sampling Depth,m 1 3 1 4.5	EM EM EM eather C Tempera a 28.3 27.9 28.2 27.9	2365 6167 6167 ek and Ko ondition: ature, °C b 28.3 28.0 28.2 27.9	Sunny Dissolve a 4.72 4.56 4.77 4.77	Calibrati Calibrati a <u>Public</u> b 4.70 4.64 4.65 4.78	on Check: on Check: Piers Average 4.71 4.60 4.74	Dissolve a 70.5 68.6 68.3 56.0	9.9 35.4 Client: Ambiel b 71.3 71.3 69.4 68.9 58.4	NTU ppt Kin Shing nt Tempera n, % Average 70.9 69.0 62.9	ature, °C: Salinity, a 34.8 34.7 34.7 35.0	29 ppt 34.8 34.7 34.7 35.0	Turbidity a 1.48 1.22 1.26 1.30	, NTU b 1.30 1.16 1.16 1.39	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspence 10.0 10.0 9.0	Raymor 21/10/24 Jed Solici 12.0 7.7 10.0	s, mg/L Depth Average 11.0	Remarks
roject: Date of tation MW1 S MW1 S MW2 S MW2 M MW2 S MW2 M MW2 B MW2 B MW2 B MW2 B MW2 B MW2 M MW2 B MW2 M MW2 M MW2 M MW2 M MW2 M MW1 S	Contract Sampling: Time 9:55 9:55 9:56 9:10 9:11 9:14	Turbidity Mete Salinity Mete Thermomete No. CV/2004/0 :	er: r: )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons )2 Recons	ruction of W W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: b 28.3 28.3 28.0 28.2 27.9 27.8	Sunny Dissolve a 4.72 4.56 4.77 4.77 4.77	Calibrati Calibrati a Dublic b 4.70 4.64 4.64 4.65 4.78 4.55	on Check: Piers n, mg/L Average 4.71 4.60 4.74 4.53	Dissolve a 70.5 68.6 68.3 56.0 70.9	9.9 35.4 Client: Ambieu b 71.3 69.4 68.9 58.4 71.1	NTU ppt Kin Shing nt Tempera Average 70.9 69.0 62.9 71.0	ature, °C: Salinity, a 34.8 34.7 34.7 35.0 35.0	29 ppt 34.8 34.7 34.7 35.0 35.0	Turbidity a 1.48 1.22 1.26 1.30 1.34	, NTU b 1.30 1.16 1.16 1.39 1.19	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspenc 10.0 10.0 9.0 9.3	Raymor 21/10/20 3ded Solid 12.0 7.7 10.0 9.7	s, mg/L Depth Average 11.0	Remarks
roject: Date of tation MW1 S MW1 S MW2 S MW2 M MW2 S MW2 M MW2 B MW2 B MW2 B MW2 B MW2 B MW2 M MW2 B MW2 M MW2 M MW2 M MW2 M MW2 M MW1 S	Contract Sampling: 7:me 9:55 9:56 9:56 9:10 9:11 9:14 10:10	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea Condition small wave small wave	er: r: 22 Recons 02 Recons 00verall Depth, m 4 9	ruction of W W Sampling Depth,m 1 1 3 1 4.5 8	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: b 28.3 28.3 28.0 28.2 27.9 27.8	Sunny Dissolve a 4.72 4.56 4.77 4.77 4.77	Calibrati Calibrati a Dublic b 4.70 4.64 4.64 4.65 4.78 4.55	on Check: Piers n, mg/L Average 4.71 4.60 4.74 4.53	Dissolve a 70.5 68.6 68.3 56.0 70.9	9.9 35.4 Client: Ambieu b 71.3 69.4 68.9 58.4 71.1	NTU ppt Kin Shing nt Tempera Average 70.9 69.0 62.9 71.0	ature, °C: Salinity, a 34.8 34.7 34.7 35.0 35.0	29 ppt 34.8 34.7 34.7 35.0 35.0	Turbidity a 1.48 1.22 1.26 1.30 1.34	, NTU b 1.30 1.16 1.16 1.39 1.19	Checked I Date: Job No.: ide State: Average 1.29 1.27	J429 Mid-Ebb Suspenc 10.0 10.0 9.0 9.3	Raymor 21/10/20 3ded Solid 12.0 7.7 10.0 9.7	s, mg/L Depth Average 11.0 9.3	Remarks
roject:	Contract Sampling: Time 9:55 9:55 9:56 9:10 9:11 9:11 9:14 10:10 10:10	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea Condition small wave small wave	er: r: 22 Recons 02 Recons 00verall Depth, m 4 9	truction of W W Sampling Depth,m 1 1 4.5 8 1	EM EM EM (ong She eather C Tempera a 28.3 27.9 28.2 27.9 28.2 27.9 28.2 27.9 27.8 28.3	2365 6167 6167 ondition: ature, °C b 28.3 28.3 28.0 28.2 27.9 27.8 27.8 28.2	Sunny           Dissolve           a           4.72           4.56           4.77           4.50           4.74	Calibrati Calibrati d Oxyge b 4.70 4.64 4.65 4.78 4.55 4.70	on Check: on Check: Piers Average 4.71 4.60 4.74 4.53 4.72	Dissolve a 70.5 68.6 68.3 56.0 70.9 68.4	9.9 35.4 Client: Ambieu d Oxygei b 71.3 69.4 68.9 58.4 71.1 69.2	NTU ppt <u>Kin Shing</u> nt Tempera Average 70.9 69.0 62.9 71.0 68.8	Salinity,           a           34.8           34.7           34.7           35.0           35.0           34.6	29 ppt 34.8 34.7 34.7 35.0 35.0 34.8	Turbidity a 1.48 1.22 1.26 1.30 1.34 1.18	NTU b 1.30 1.16 1.16 1.39 1.19	Checked I Date: Job No.: ide State: Average 1.29 1.27	J429 Mid-Ebb Suspence 10.0 10.0 9.0 9.3 10.0	Raymor 21/10/24 Jed Solic 12.0 7.7 10.0 9.7 11.0	s, mg/L Depth Average 11.0 9.3	Remarks
roject: Date of tation WW1 S WW1 M WW1 B WW2 S WW2 M WW2 B CW1 S CW1 S CW1 M	Contract Sampling: Time 9:55 9:56 9:10 9:11 9:14 10:10 10:10 10:11	Turbidity Mete Salinity Mete Thermomete No. CV/2004/C : 14/10/2005 Sea Condition small wave small wave	er: r: 22 Recons 02 Recons 00verall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8 1 1 2	EM EM EM /ong She reather C 7empera a 28.3 27.9 27.9 27.8 28.2 27.8 28.3	2365 6167 6167 ek and Ko ondition: ature, °C b 28.3 28.0 28.2 27.9 27.8 28.2 27.8 28.2	Sunny           Dissolve           a           4.72           4.56           4.77           4.50           4.74           4.59	Calibrati Calibrati a Dayge b 4.70 4.64 4.65 4.78 4.55 4.70 4.51	on Check: Piers n, mg/L Average 4.71 4.60 4.74 4.53 4.72 4.55	Dissolve           a           70.5           68.6           68.3           56.0           70.9           68.4           70.6	9.9 35.4 Client: Ambiel b 71.3 69.4 68.9 58.4 71.1 69.2 69.9	NTU ppt Kin Shing nt Tempera 70.9 69.0 62.9 71.0 68.8 70.3	ature, °C: Salinity, a 34.8 34.7 34.7 35.0 35.0 34.6 35.0	29 ppt b 34.8 34.7 35.0 35.0 35.0 35.0 35.0	Turbidity a 1.48 1.22 1.26 1.30 1.34 1.18 1.38	NTU b 1.30 1.16 1.16 1.39 1.40 1.39	Checked I Date: Job No.: ide State: Average 1.29 1.27	3y: J429 Mid-Ebb Suspenc 10.0 10.0 9.0 9.3 10.0 7.3	Raymor 21/10/24 Jed Solid 12.0 12.0 7.7 10.0 9.7 11.0 9.7	s, mg/L Depth Average 11.0 9.3	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	伊
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.4	ppt	Date:	21/10/2005
	Thermometer:	EM	6167					

Project:	Contract	No. CV/2004/	02 Recons	truction of W					Piers	5		Kin Shing					Job No.:	J429			
Date of	Sampling:	17/10/2005		w	eather C	ondition:	Cloudy				Ambie	nt Tempera	ature,⁰C:	28		Ī	Fide State:	Mid-Floo	bd	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ⁰C b	Dissolve	ed Oxyge b	n, mg/L Average	Dissolve	ed Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth	Remarks
																			1	Average	
MW1 S	16:08			1	27.5	27.6	4.48	4.46	4.11	72.4	72.5	68.8	31.6	31.5	1.38	1.40		6.5	6.0	-	
MW1 M	16:08		5	2.5	26.1	26.0	3.74	3.76		65.0	65.2		32.1	32.0	1.64	1.65	1.49	7.7	5.7	6.8	
MW1 B	16:10			4	25.3	25.2	2.82	2.82	2.82	57.6	57.7	57.7	33.3	33.2	1.42	1.43		9.0	5.7		
MW2 S	16:19			1	27.5	27.5	4.35	4.36	3.92	69.5	69.4	65.9	31.5	31.5	1.09	1.10		13.0	8.7		
MW2 M	16:20		10	5	26.8	26.7	3.47	3.48	5.52	62.3	62.4	03.5	32.0	32.1	1.72	1.71	1.76	6.0	11.0	9.4	
MW2 B	16:24			9	25.5	25.4	3.57	3.56	3.57	63.5	63.6	63.6	33.2	33.3	2.48	2.47		8.7	9.0		
CW1 S	16:02			1	27.6	27.6	4.52	4.53		70.4	70.4		31.6	31.6	1.35	1.34		8.7	9.3		
CW1 M	16:02		4						4.53			70.4					1.57			11.3	
CW1 B	16:03			3	26.8	26.8	3.86	3.85	3.86	67.6	67.7	67.7	32.2	32.0	1.79	1.80		11.0	16.0	1	
CW2 S	16:29			1	27.5	27.4	4.20	4.18		67.2	67.1		31.6	31.5	1.26	1.25		10.0	9.0		
CW2 M	16:30		11	5	27.0	27.1	2.94	2.95	3.57	59.2	59.3	63.2	32.7	32.6	2.07	2.06	1.92	7.0	8.3	7.7	
CW2 B	16:34			10	25.5	25.6	2.39	2.40	2.40	52.7	52.9	52.8	33.2	33.1	2.42	2.43		6.0	6.0	-	
Equipmer	nt used:	Dissolved O	waen Mete	ar:	EM	6167		Calibrati	ion Check:		100	100%:					Sampled	Bv:	Pong		
Lquipinei	1 4364.	Turbidity Me			EM	2365			ion Check:			•					Checked	-	Raymor	nd Doi	
		Salinity Mete			EM				ion Check:		9.8						Date:	Dy.	24/10/20		
		-				6167		Calibrat	OIT CHECK.		35.5	ppt					Date.		24/10/20	005	
		Thermomete	1.		EM	6167															
Project:	Contract	No. CV/2004/	02 Recons	truction of W	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.	, Ltd.		Job No.:	J429	_		
Date of	Sampling:	17/10/2005		. w	eather C	ondition:	Cloudy				Ambie	nt Tempera	ature,⁰C:	28		Ţ	Fide State:	Mid-Ebb	)	-	
Station	Time	Sea		Sampling		ature, °C					ed Oxyge		Salinity,	<u> </u>	Turbidity			Suspend	ded Solid	1	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	12:15			1	29.3	29.2	3.94	3.90	3.92	67.1	67.0	67.1	31.2	31.3	1.49	1.48		7.3	6.7		
MW1 M	12:15		4						0.02			07.1					1.58			9.3	
MW1 B	12:16			3	29.0	29.0	3.64	3.65	3.65	64.1	64.2	64.2	32.6	32.8	1.67	1.67		11.0	12.0		
MW2 S	12:35			1	29.2	29.4	4.56	4.54		73.4	73.2		31.5	31.6	1.10	1.11		7.3	5.3		
MW2 M	12:36	1	9	4.5	28.5	28.4	4.14	4.13	4.34	69.2	69.1	71.2	32.3	32.4	1.85	1.86	1.83	6.3	5.7	6.8	
MW2 B	12:39			8	26.8	26.7	3.75	3.76	3.76	65.5	65.6	65.6	33.1	33.2	2.53	2.54		7.7	8.3	1	
CW1 S	12:04			1	28.9	28.8	4.45	4.44		72.9	72.8		31.5	31.5	1.36	1.38		8.0	8.0	•	
CW1 M	12:04		3						4.45			72.9					1.66			7.5	
CW1 B	12:05			2	28.5	28.7	4.24	4.22	4.23	70.5	70.3	70.4	32.2	32.3	1.95	1.95		6.7	7.3	1	
CW2 S	12:49			1	28.6	28.5	5.43	5.42		83.2	83.1		31.4	31.5	1.55	1.56		8.3	6.3		
			10				4.76	4.74	5.09	75.7		79.4					1.60	8.3	7.7	8.1	
CW2 M	12:50		10	5	28.2	28.1	4.70			15.1	75.5		32.5	32.4	1.80	1.82	1.62	0.0	1.1	0.1	
CW2 M CW2 B	12:50 12:54		10	9	28.2 27.5	28.1	3.95	3.92	3.94	67.9	67.6	67.8	32.5 32.9	32.4	1.48	1.82	1.02	8.7	9.0	0.1	

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.5	ppt	Date:	24/10/2005
	Thermometer:	EM	6167					

Project:	Contract I	No. CV/2004/0	)2 Recons	truction of V				-				Kin Shing	-	-			Job No.:	J429			
Date of	Sampling:	19/10/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,ºC:	30		1	Fide State:	Mid-Floo	bd	-	
tation	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxyge		Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solid	ls, mg/L	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average		1	Depth Average	
MW1 S	19:30			1	27.5	27.5	4.49	4.56	4.46	67.4	68.0	67.2	34.8	34.8	1.17	1.30		12.0	14.0	-	
MW1 M	19:30	small wave	5	2.5	27.4	27.4	4.43	4.37		66.8	66.7		34.9	34.9	1.25	1.22	1.17	13.0	15.0	11.7	
MW1 B	19:32			4	27.4	27.4	4.35	4.35	4.35	65.3	65.0	65.2	34.9	34.9	0.96	1.13		6.0	10.0		
/W2 S	19:00		10	1	27.5	27.5	4.60	4.47	4.51	68.3	67.8	68.0	34.9	34.9	1.45	1.25		6.7	6.7		
MW2M	19:01	small wave	10	5	27.4	27.4	4.42	4.53	4.50	67.7	68.0	07.0	34.9	34.9	1.16	1.09	1.20	8.3	8.3	6.6	
WW2 B	19:05			9	27.4	27.4 27.5	4.50	4.55	4.53	67.3	67.0	67.2	34.9	34.9	1.07	1.20		4.0	5.3		
CW1 S	19:45 19:45	small wave	4	1	27.5	27.5	4.67	4.56	4.62	68.2	68.5	68.4	34.9	34.9	1.32	1.27	1.30	7.0	7.0	8.4	
CW1 B	19:46	Sinal wave	7	3	27.4	27.4	4.66	4.64	4.65	67.8	68.6	68.2	34.9	34.9	1.36	1.24	1.50	8.7	11.0	0.4	
CW2 S	19:15			1	27.4	27.4	4.53	4.63		67.6	67.9	50.2	34.9	34.9	1.19	1.24		7.0	8.7		
CW2 M	19:16	small wave	11	5.5	27.4	27.4	4.49	4.47	4.53	66.8	66.4	67.2	34.9	34.9	1.06	1.38	1.29	5.3	5.7	9.1	
CW2 B	19:20			10	27.3	27.4	4.50	4.51	4.51	67.3	67.3	67.3	34.9	34.9	1.44	1.37		12.0	16.0	-	
quipmer	it used:	Dissolved Ox	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	伊		
		Turbidity Met	er:		EM	2365		Calibrati	on Check:		9.9	NTU					Checked I	By:	Raymor	nd Dai	
		Salinity Mete	r:		EM	6167		Calibrati	on Check:		35.2	ppt					Date:		26/10/20	005	
		Thermomete	r:		EM	6167															
roject:	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:	19/10/2005		. w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	30		. 1	Fide State:	Mid-Ebb	,	-	
tation	Time	Sea Condition	Overall Depth, m	Sampling	Tempera a	ature, °C b	Dissolve a	1	n, mg/L Average	Dissolve	d Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth	Remarks
		Condition	Boput, in						, troitago			, tronago					, troitago		1	Average	
WW1 S	13:45			1	27.7	27.7	4.47	4.50	4.49	67.9	67.4	67.7	34.9	34.9	1.16	1.36		8.7	6.7		
/W1 M	13:45	small wave	4														1.26			9.4	
AW1 B	13:46			3	27.5	27.5	4.30	4.27	4.29	65.3	65.2	65.3	34.9	34.9	1.26	1.25		10.0	12.0		
MW2 S	13:15	amall		1	27.5	27.5	4.63	4.56	4.57	69.2	69.4	68.9	34.9	34.9	1.35	1.40	1.40	9.0	7.7	10.1	
MW2 M	13:16 13:19	small wave	9	4.5 8	27.4	27.4	4.52	4.57	4.42	68.6	68.3 67.4	67.1	34.9	35.0	1.18	0.97	1.19	11.0 15.0	13.0 17.0	12.1	
CW1 S	13:19			8	27.4 27.8	27.4 27.4	4.44	4.40 4.50	4.4∠	66.7 67.7	68.2	67.1	34.9 34.9	34.9 34.9	1.03	1.20 1.22		7.3	5.0		
W1 5	14:00	small wave	3	1	21.0	21.4	4.00	4.00	4.59	07.7	00.2	68.0	34.9	34.9	1.34	1.22	1.27	1.3	5.0	7.3	
CW1 B	14:00			2	27.6	27.4	4.53	4.60	4.57	68.4	68.8	68.6	34.9	34.9	1.27	1.26		8.0	9.0		
CW2 S	13:30			- 1	27.7	27.7	4.69	4.73		69.6	68.9		35.0	35.0	1.16	0.97		8.0	8.3		
						27.5	4.53	4.59	4.64	68.4	68.3	68.8	34.9	34.9	1.47	1.40	1.24	11.0	11.0	9.3	
CW2 M	13:31	small wave	10	5	27.5	27.5				00.4	00.0		34.9	34.3	1.47	1.40	1.24				
W2 M W2 B	13:31 13:35	small wave	10	9	27.5	27.3	4.48	4.50	4.49	67.7	67.5	67.6	34.9	34.9	1.47	1.40	1.24	9.0	8.7	0.0	

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	伊
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.2	ppt	Date:	26/10/2005
	Thermometer:	EM	6167					

Project:	Contract	No. CV/2004/	02 Recons	truction of W	/ong She	ek and Ko	) Lau Wa	n Public	Piers	_	Client:	Kin Shing	Construe	ction Co.	, Ltd.		Job No.:	J429	_		
Date of	Sampling	: 21/10/2005	5	w	eather C	ondition:	Sunny			-	Ambie	nt Temper	ature,°C:	30			Fide State:	Mid-Floo	od	-	
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	ed Oxyge	n, mg/L	Dissolve	ed Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspen	ded Solic	ls, mg/L	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average		1	Depth Average	
MW1 S	16:03	_		1	28.2	28.1	4.85	4.84	4.73	79.2	79.1	76.8	31.2	31.1	1.22	1.23		16.0	16.0		
MW1 M	16:03		5	2.5	27.3	27.0	4.62	4.60		74.5	74.3		32.3	32.4	1.84	1.83	1.76	15.0	13.0	12.1	
MW1 B	16:05			4	26.5	26.4	4.03	4.05	4.04	68.2	68.1	68.2	33.4	33.5	2.20	2.21		6.0	6.7		
MW2 S	16:18			1	28.1	28.0	5.13	5.15	4.88	79.3	79.0	78.0	29.8	29.9	1.35	1.34		10.0	12.0		
MW2 M	16:19		10	5	26.7	26.6	4.62	4.63		76.8	76.7		30.2	30.0	1.70	1.72	1.88	8.0	10.0	10.1	
MW2 B	16:23			9	25.0	25.2	4.02	4.03	4.03	68.1	68.0	68.1	32.0	32.1	2.59	2.60		11.0	9.3		
CW1 S	15:53	_		1	27.8	27.6	4.51	4.52	4.52	73.3	73.1	73.2	30.9	30.8	1.23	1.24	-	7.7	7.7		
CW1 M	15:53	_	4														1.35			9.0	
CW1 B	15:54			3	27.2	27.1	4.40	4.42	4.41	72.0	72.2	72.1	32.9	32.8	1.44	1.48		9.7	11.0		
CW2 S	16:35	_		1	28.3	28.2	4.31	4.30	3.91	71.0	71.2	67.2	30.8	30.7	1.13	1.15	-	15.0	12.0		
CW2 M	16:36	_	11	5	26.9	26.8	3.52	3.51		63.4	63.3		33.4	33.2	1.85	1.86	1.82	13.0	15.0	11.6	
CW2 B	16:40			10	25.2	25.1	3.32	3.31	3.32	61.3	61.2	61.3	33.0	33.1	2.47	2.46		7.5	7.0		
quipme	nt used:	Dissolved O	waen Mete	ar.	EM	6167		Calibrati	ion Check:		100	100%:					Sampled	Bv:	Pong		
_quipine	ni useu.	Turbidity Me			EM	2365			ion Check:			-					Checked I	-	Raymor	nd Dai	-
		Salinity Mete			EM	6167			ion Check:		10.2						Date:	Бу.	28/10/2		-
		Thermomete			EM	6167	•	Calibrat	ION CHECK.		35.6	ppt					Date.		20/10/2	005	-
		mennomen	51.			0107	•														
Project:	Contract	No. CV/2004/	02 Recons	truction of V	/ong She	ek and Ko	) Lau Wa	n Public	Piers	-	Client:	Kin Shing	Construe	ction Co.	, Ltd.		Job No.:	J429	-		
Date of	Sampling	: 21/10/2005	5	. w	eather C	ondition:	Sunny			_	Ambie	nt Tempera	ature,⁰C:	30			Fide State:	Mid-Ebb	)	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, °C b	Dissolve a	ed Oxyge b	n, mg/L Average	Dissolve	ed Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	/, NTU b	Average	Suspen	ded Solic	ls, mg/L Depth	Remarks
																				Average	
MW1 S		-		1	27.3	27.2	5.44	5.43	5.44	82.5	82.4	82.5	31.4	31.5	1.28	1.30		6.3	7.3		
MW1 M		-	4														1.49			13.2	
MW1 B	1			3	26.2		4.82	4.81	4.82	76.1	76.3	76.2	31.1	31.2		1.70		18.0	21.0		
MW2 S		-	_	1	27.4	27.3	5.76	5.73	5.10	85.9	85.8	79.2	30.6	30.8	1.25	1.25		7.7	11.0		
MW2 M		-	9	4.5	25.1	25.2	4.46	4.45		72.6	72.5		34.2	34.1	1.47	1.48	1.49	8.7	8.0	8.9	
MW2 B				8	23.5	23.6	4.23	4.24	4.24	68.5	68.2	68.4	34.4	34.2	1.73	1.74		7.7	10.0		
CW1 S		_		1	27.6	27.6	4.35	4.36	4.36	71.4	71.3	71.4	30.5	30.6	0.90	0.89		8.3	6.0	-	
CW1 M		-	3							<u> </u>							1.29		<u> </u>	10.8	
CW1 B	1			2	26.3	26.3	3.56	3.56	3.56	63.8	63.8	63.8	30.8	30.9	1.69	1.68		13.0	16.0		
CW2 S	14:10	_		1	27.6	27.6	5.42	5.41	5.18	82.5	82.6	79.9	30.5	30.2	1.64	1.62		10.0	9.0	-	
CW2 M	14:11	1	10	5	25.9	25.9	4.94	4.93		77.1	77.3		30.1	30.2	1.85	1.87	1.84	7.3	7.3	8.7	

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Pong
	Turbidity Meter:	EM	2365	Calibration Check:	10.2	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.6	ppt	Date:	28/10/2005
	Thermometer:	EM	6167					

72.3 72.4

72.4

32.7

32.5 2.02

2.03

7.3 11.0

CW2 B

14:15

24.4

9

24.4

4.45

4.46

4.46

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:	24/10/2005		N	/eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	28			Tide State:	Mid-Floo	bd	_	
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxvae	n. ma/L	Dissolve	d Oxyge	n. %	Salinity,	ppt	Turbidity	. NTU		Suspend	ded Solid	ls. ma/L	Remarks
		Condition	Depth, m		а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	14:55			1	25.9	25.9	4.47	4.54	4.54	69.3	68.8	68.9	35.1	35.1	1.19	1.34		18.0	15.0		
MW1 M	14:55	small wave	5	2.5	25.9	25.9	4.56	4.58		68.5	68.9		35.2	35.1	1.26	1.43	1.24	12.0	11.0	12.4	
MW1 B	14:57			4	26.0	26.0	4.43	4.57	4.50	69.5	69.4	69.5	35.1	35.1	1.06	1.14		8.7	9.7		
MW2 S	14:30	-		1	26.0	26.0	4.68	4.58	4.67	69.8	69.3	70.0	35.1	35.1	0.87	1.15		10.0	11.0		
MW2 M	14:31	small wave	10	5	25.9	25.9	4.72	4.70		70.1	70.7		35.0	35.0	0.96	1.34	1.20	11.0	13.0	9.7	
MW2 B	14:35			9	26.0	26.0	4.63	4.60	4.62	69.2	68.7	69.0	35.0	35.1	1.45	1.44		7.0	6.3		
CW1 S	15:05	-		1	26.0	26.0	4.66	4.59	4.63	68.6	69.0	68.8	35.1	35.1	1.23	1.32		7.7	7.7		
CW1 M	15:05	small wave	4														1.33			9.6	
CW1 B	15:06			3	26.0	26.0	4.64	4.64	4.64	67.4	68.3	67.9	35.0	35.0	1.29	1.48		10.0	13.0		
CW2 S	14:45	-		1	25.8	25.9	4.50	4.61	4.57	68.2	67.4	67.5	35.1	35.1	1.62	1.17		8.3	10.0		
CW2 M	14:46	small wave	11	5.5	25.8	25.8	4.62	4.55		66.9	67.6		35.1	35.0	1.53	1.24	1.32	8.7	6.0	10.0	
CW2 B	14:50			10	25.7	25.8	4.67	4.63	4.65	70.1	68.3	69.2	35.0	35.0	1.35	1.01		14.0	13.0		
Equipmer	tucod	Dissolved Ox	waan Mate		EM	6167		Colibrati	on Check:		100	100%:					Sampled	Dvr.	/ <del>11</del>		
Equipmen	it useu.	Turbidity Met		51.	EM	2365			on Check:		10.1	NTU					Checked	-	伊 Raymor	nd Dai	
		Salinity Mete			EM	6167			on Check:		34.5						Date:	-	31/10/2		
							-														
		Thermomete	r:		EM	6167															
		Thermomete	r:		EM	6167	•														
Project:	Contract I	Thermomete		truction of V				n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429			
			02 Recons			ek and Ko	) Lau Wa	n Public	Piers			Kin Shing					Job No.: Tide State:			-	
		No. CV/2004/0 24/10/2005 	02 Recons	Sampling	Vong She /eather C Tempera	ek and Ko ondition: ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:				Remarks
Date of	Sampling:	No. CV/2004/0 24/10/2005	02 Recons	Sampling	Vong She /eather C	ek and Ko	Lau Wa				Ambier d Oxyger	nt Tempera	ature,°C:	28		-		Mid-Ebb		ls, mg/L Depth Average	Remarks
Date of Station MW1 S	Sampling: Time 11:15	No. CV/2004/0 _24/10/2005 Sea Condition	Overall Depth, m	Sampling	Vong She /eather C Tempera	ek and Ko ondition: ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	Ambier d Oxyger	nt Tempera	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 11:15 11:15	No. CV/2004/0 24/10/2005 	02 Recons	Sampling Depth,m	Vong She /eather C a 25.8	ondition: ature, °C b 25.8	Dissolve a 4.49	d Oxyge b 4.52	n, mg/L Average 4.51	Dissolve a 68.4	Ambien d Oxygen b 67.7	nt Tempera n, % Average 68.1	ature,°C: Salinity, a 35.1	28 ppt b 35.1	Turbidity a 1.26	, NTU b 1.10	Tide State:	Mid-Ebb	12.0	Depth	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 11:15 11:15 11:16	No. CV/2004/0 _24/10/2005 Sea Condition	Overall Depth, m	N Sampling Depth,m 1 3	Vong She /eather C 7empera a 25.8 25.9	ek and Ko ondition: ature, °C b 25.8 25.9	Lau Wa Sunny Dissolve a 4.49 4.59	d Oxyge b 4.52 4.57	n, mg/L Average	Dissolve a 68.4 69.4	Ambien d Oxygen b 67.7 69.3	nt Tempera n, % Average	ature, °C: Salinity, a 35.1 35.1	28 ppt b 35.1 35.1	Turbidity a 1.26 1.17	, NTU b 1.10 1.36	Tide State:	Mid-Ebb Suspend 11.0 20.0	12.0 18.0	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 11:15 11:15 11:16 10:50	No. CV/2004/0 24/10/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1	Vong She /eather C a 25.8 25.9 25.6	ek and Ko ondition: ature, °C b 25.8 25.9 25.6	Lau Wa       Sunny       Dissolve       a       4.49       4.59       4.73	d Oxyge b 4.52 4.57 4.65	n, mg/L Average 4.51	Dissolve a 68.4 69.4 71.6	Ambiei d Oxygei b 67.7 69.3 72.3	nt Tempera n, % Average 68.1	ature,°C: Salinity, a 35.1 35.1 35.0	28 ppt 35.1 35.1 35.0	Turbidity a 1.26 1.17 1.28	, NTU b 1.10 1.36 1.33	Average	Mid-Ebb Suspend 11.0 20.0 8.3	12.0 18.0 7.3	Depth Average 15.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 11:15 11:15 11:16 10:50 10:51	No. CV/2004/0 _24/10/2005 Sea Condition	Overall Depth, m	W Sampling Depth,m 1 3 3 1 4.5	Vong She /eather C 7empera a 25.8 25.9 25.6 25.6	ek and Ko ondition: ature, °C b 25.8 25.9 25.6 25.6	Lau Wa           Sunny           Dissolve           a           4.49           4.59           4.73           4.65	d Oxyge b 4.52 4.57 4.65 4.68	n, mg/L Average 4.51 4.58 4.68	Dissolve a 68.4 69.4 71.6 69.0	Ambieu d Oxygeu b 67.7 69.3 72.3 68.8	nt Tempera n, % Average 68.1 69.4 70.4	ature, °C: Salinity, a 35.1 35.1 35.0 35.0	28 ppt 35.1 35.1 35.0 35.0	Turbidity a 1.26 1.17 1.28 1.09	, NTU b 1.10 1.36 1.33 0.84	Tide State:	Mid-Ebb Suspend 11.0 20.0 8.3 7.3	12.0 18.0 7.3 15.0	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 11:15 11:15 11:16 10:50 10:51 10:54	No. CV/2004/0 24/10/2005 Sea Condition small wave	Overall Depth, m 4	W Sampling Depth,m 1 3 1 4.5 8	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.7	ek and Ko ondition: ature, °C b 25.8 25.9 25.6 25.6 25.6 25.7	2 Lau Wa Sunny Dissolve a 4.49 4.59 4.73 4.65 4.70	d Oxyge b 4.52 4.57 4.65 4.68 4.68	n, mg/L Average 4.51 4.58	Dissolve a 68.4 69.4 71.6 69.0 68.3	Ambies d Oxyger b 67.7 69.3 72.3 68.8 68.0	nt Tempera Average 68.1 69.4	ature, °C: Salinity, a 35.1 35.1 35.0 35.0 34.9	28 ppt 35.1 35.1 35.0 35.0 34.9	Turbidity a 1.26 1.17 1.28 1.09 1.30	, NTU b 1.10 1.36 1.33 0.84 1.15	Average	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0	12.0 18.0 7.3 15.0 11.0	Depth Average 15.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 11:15 11:15 11:16 10:50 10:51 10:54 11:25	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9	W Sampling Depth,m 1 3 3 1 4.5	Vong She /eather C 7empera a 25.8 25.9 25.6 25.6	and Ko           ondition:           ature, °C           b           25.8           25.9           25.6           25.6	Lau Wa           Sunny           Dissolve           a           4.49           4.59           4.73           4.65	d Oxyge b 4.52 4.57 4.65 4.68	n, mg/L Average 4.51 4.58 4.68	Dissolve a 68.4 69.4 71.6 69.0	Ambieu d Oxygeu b 67.7 69.3 72.3 68.8	nt Tempera n, % Average 68.1 69.4 70.4	ature, °C: Salinity, a 35.1 35.1 35.0 35.0	28 ppt 35.1 35.1 35.0 35.0	Turbidity a 1.26 1.17 1.28 1.09	, NTU b 1.10 1.36 1.33 0.84	Iide State: Average 1.22 1.17	Mid-Ebb Suspend 11.0 20.0 8.3 7.3	12.0 18.0 7.3 15.0	Depth Average 15.3 10.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S	Sampling: Time 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25	No. CV/2004/0 24/10/2005 Sea Condition small wave	Overall Depth, m 4	W           Sampling           Depth,m           1           3           1           4.5           8           1	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.6 25.7 25.8	ek and Ko ondition: ture, °C b 25.8 25.9 25.6 25.6 25.6 25.7 25.8	Lau Wa           Sunny           Dissolve           a           4.49           4.59           4.73           4.65           4.70	d Oxyger b 4.52 4.57 4.65 4.68 4.69 4.60	n, mg/L Average 4.51 4.58 4.68 4.70 4.72	Dissolve a 68.4 69.4 71.6 69.0 68.3 68.3	Ambien d Oxygen b 67.7 69.3 72.3 68.8 68.0 68.4	nt Tempera Average 68.1 69.4 70.4 68.2 68.4	ature, °C: <u>Salinity</u> , a 35.1 35.1 35.0 35.0 35.0 35.0 35.0 35.1	28 ppt b 35.1 35.1 35.0 35.0 34.9 35.1	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51	NTU b 1.10 1.33 0.84 1.15 1.34	Average	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7	12.0 18.0 7.3 15.0 11.0 7.3	Depth Average 15.3	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B	Sampling: Time 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25 11:26	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9	W           Sampling Depth,m           1           3           1           4.5           8           1           2	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7	ek and Ko ondition: ature, °C b 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7	Lau Wa Sunny Dissolve a 4.49 4.59 4.73 4.65 4.70 4.83 4.57	d Oxygei b 4.52 4.57 4.65 4.68 4.69 4.60 4.60	n, mg/L Average 4.51 4.58 4.68 4.70	Dissolve a 68.4 69.4 71.6 69.0 68.3 68.3 68.3	Ambiel d <u>Oxyge</u> b 67.7 69.3 72.3 68.8 68.0 68.4 68.4 67.1	nt Tempera Average 68.1 69.4 70.4 68.2	ature,°C: <u>Salinity</u> , a 35.1 35.0 35.0 34.9 35.1 35.1 35.0	28 ppt 35.1 35.1 35.0 35.0 34.9 35.1 35.1 35.0	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51 1.32	NTU b 1.100 1.33 0.84 1.15 1.34 1.18	Iide State: Average 1.22 1.17	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7 14.0	12.0 18.0 7.3 15.0 11.0 7.3 16.0	Depth Average 15.3 10.3	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 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25 11:26 11:00	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W           Sampling           Depth,m           1           3           1           4.5           8           1           2           1	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7 25.8 25.7	ek and Ko ondition: ture, °C b 25.8 25.9 25.6 25.6 25.7 25.8 25.7 25.8 25.7 25.9	Lau Wa Sunny Dissolve a 4.49 4.59 4.73 4.65 4.70 4.83 4.57 4.67	d Oxyge b 4.52 4.57 4.65 4.68 4.69 4.60 4.60 4.60	n, mg/L Average 4.51 4.58 4.68 4.70 4.72	Dissolve           a           68.4           69.4           71.6           69.0           68.3           68.8           72.3	Ambiel d Oxygen b 67.7 69.3 72.3 68.8 68.0 68.4 68.4 67.1 70.9	nt Tempera Average 68.1 69.4 70.4 68.2 68.4	ature,°C: <u>Salinity,</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>5</u> <u>3</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u>	28 ppt b 35.1 35.0 35.0 35.0 35.0 35.0	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51 1.32 1.18	NTU b 1.10 1.36 1.33 0.84 1.15 1.34 1.18 1.15	Ide State:           Average           1.22           1.17           1.34	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7 14.0 10.0	12.0 18.0 7.3 15.0 11.0 7.3 16.0 7.3	Depth Average 15.3 10.3 11.8	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 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25 11:26 11:00 11:01	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9	W           Sampling           Depth,m           1           3           1           4.5           8           1           2           1           5	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.6 25.7 25.8 25.7 25.9 25.9	ek and Ko ondition: ture, °C b 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7 25.9 25.9	Lau Wa           Sunny           Dissolve           a           4.49           4.59           4.73           4.65           4.70           4.83           4.57           4.67           4.61	d Oxyger b 4.52 4.57 4.65 4.68 4.69 4.60 4.60 4.65 4.65	n, mg/L Average 4.51 4.58 4.68 4.70 4.72 4.59 4.65	Dissolve           a           68.4           69.4           71.6           68.3           68.3           68.8           72.3           68.7	Ambiel d Oxygei b 67.7 69.3 72.3 68.8 68.0 68.4 67.1 70.9 69.1	nt Tempera Average 68.1 69.4 70.4 68.2 68.4 68.0 70.3	ature,°C: <u>Salinity</u> , a 35.1 35.0 35.0 34.9 35.0 35.0 35.0 35.0 35.0 35.0 35.0 35.0	28 ppt b 35.1 35.0 35.0 35.0 34.9 35.1 35.0 35.0 35.0 35.1	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51 1.32 1.18 1.34	NTU           b           1.10           1.36           1.33           0.84           1.15           1.34           1.15           1.18           1.15	Iide State: Average 1.22 1.17	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7 14.0 10.0 11.0	12.0 18.0 7.3 15.0 11.0 7.3 16.0 7.3 15.0	Depth Average 15.3 10.3	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 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25 11:26 11:00	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3	W           Sampling           Depth,m           1           3           1           4.5           8           1           2           1	Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7 25.8 25.7	ek and Ko ondition: ture, °C b 25.8 25.9 25.6 25.6 25.7 25.8 25.7 25.8 25.7 25.9	Lau Wa Sunny Dissolve a 4.49 4.59 4.73 4.65 4.70 4.83 4.57 4.67	d Oxyge b 4.52 4.57 4.65 4.68 4.69 4.60 4.60 4.60	n, mg/L Average 4.51 4.58 4.68 4.70 4.72 4.59	Dissolve           a           68.4           69.4           71.6           69.0           68.3           68.8           72.3	Ambiel d Oxygen b 67.7 69.3 72.3 68.8 68.0 68.4 68.4 67.1 70.9	nt Tempera n, % Average 68.1 69.4 70.4 68.2 68.4 68.0	ature,°C: <u>Salinity,</u> <u>3</u> <u>3</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>3</u> <u>5</u> <u>5</u> <u>3</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u>	28 ppt b 35.1 35.0 35.0 35.0 35.0 35.0	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51 1.32 1.18	NTU b 1.10 1.36 1.33 0.84 1.15 1.34 1.18 1.15	Ide State:           Average           1.22           1.17           1.34	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7 14.0 10.0	12.0 18.0 7.3 15.0 11.0 7.3 16.0 7.3	Depth Average 15.3 10.3 11.8	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 11:15 11:15 11:16 10:50 10:51 10:54 11:25 11:25 11:26 11:00 11:01 11:05	No. CV/2004/( 24/10/2005 Sea Condition small wave small wave	Overall Depth, m 4 9 3 10		Vong She /eather C 25.8 25.9 25.6 25.6 25.6 25.6 25.7 25.8 25.7 25.9 25.9	ek and Ko ondition: ture, °C b 25.8 25.9 25.6 25.6 25.6 25.7 25.8 25.7 25.9 25.9	Lau Wa           Sunny           Dissolve           a           4.49           4.59           4.73           4.65           4.70           4.83           4.57           4.67           4.61           4.68	d Oxyge b 4.52 4.57 4.65 4.68 4.69 4.60 4.60 4.65 4.65 4.65	n, mg/L Average 4.51 4.58 4.68 4.70 4.72 4.59 4.65	Dissolve           a           68.4           69.4           71.6           68.3           68.3           68.8           72.3           68.7	Ambiel d Oxygei b 67.7 69.3 72.3 68.8 68.0 68.4 67.1 70.9 69.1	nt Tempera n, % Average 68.1 69.4 70.4 68.2 68.4 68.0 70.3 67.3	ature,°C: <u>Salinity</u> , a 35.1 35.0 35.0 34.9 35.0 35.0 35.0 35.0 35.0 35.0 35.0 35.0	28 ppt b 35.1 35.0 35.0 35.0 34.9 35.1 35.0 35.0 35.0 35.1	Turbidity a 1.26 1.17 1.28 1.09 1.30 1.51 1.32 1.18 1.34	NTU           b           1.10           1.36           1.33           0.84           1.15           1.34           1.15           1.18           1.15	Ide State:           Average           1.22           1.17           1.34	Mid-Ebb Suspend 11.0 20.0 8.3 7.3 13.0 9.7 14.0 10.0 11.0 7.3	12.0 18.0 7.3 15.0 11.0 7.3 16.0 7.3 15.0	Depth Average 15.3 10.3 11.8	Remarks

Date:

Thermometer:

Salinity Meter:

EM 6167

EM 6167

Calibration Check: 34.5 ppt

31/10/2005

-roject:	Contract	No. CV/2004/0	2 Recons	truction of V	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	26/10/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	28		٦	ide State:	Mid-Floo	bd	_	
Station	Time	800	Overall	Compling	Tompor	oturo °C	Dissolve	d Owner	n ma/l	Discolus	d Oxyge	0.9/	Solipity	nnt	Turbidity	NTU		Succord	ded Solid	to mall	Pomorko
Station	TIME	Sea Condition	Depth, m	Sampling Depth,m	a	b	a	b	Average	a	b	Average	Salinity, a	b	a	b	Average	Suspend		Depth Average	Remarks
MW1 S	15:50	-		1	26.5	26.5	4.93	4.84	4.72	71.5	70.8	69.7	35.1	35.1	1.16	1.08		13.0	16.0		
MW1 M	15:50	small wave	5	2.5	26.3	26.3	4.56	4.55		68.7	67.6		35.1	35.1	1.14	1.14	1.10	13.0	12.0	11.7	
MW1 B	15:52			4	26.3	26.3	4.72	4.65	4.69	69.3	68.8	69.1	35.1	35.1	1.25	0.81		8.3	7.7		
MW2 S	15:30	-		1	26.3	26.3	4.83	4.80	4.79	72.4	71.6	71.6	35.2	35.2	1.25	1.18		3.3	3.7		
MW2 M		small wave	10	5	26.2	26.1	4.76	4.75		71.1	71.3		35.1	35.1	1.03	1.43	1.24	8.7	5.7	6.1	
MW2 B	15:35			9	26.1	26.1	4.66	4.72	4.69	69.6	70.1	69.9	35.1	35.1	1.22	1.30		7.3	7.7		
CW1 S	16:00	-		1	26.5	26.5	4.63	4.67	4.65	66.3	66.7	66.5	35.1	35.1	1.15	1.19		10.0	9.3	-	
CW1 M		small wave	4														1.19			11.1	
CW1 B	16:01			3	26.2	26.2	4.48	4.52	4.50	64.4	64.9	64.7	35.1	35.1	1.36	1.05		11.0	14.0		
CW2 S	15:40	ame" ::		1	26.4	26.4	4.93	4.84	4.81	74.4	72.6	71.7	35.1	35.1	1.27	1.24		6.7	4.3		
CW2 M	15:41	small wave	11	5.5	26.3	26.1	4.72	4.75	1.70	69.7	70.1		35.0	35.0	0.94	1.22	1.16	13.0	11.0	8.7	
CW2 B	15:45			10	26.1	26.1	4.66	4.77	4.72	70.4	69.5	70.0	35.1	35.0	1.13	1.14		10.0	7.0		
Equipme	nt used:	Dissolved Ox	ygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	伊		
		Turbidity Met			EM	2365		Calibrati	on Check:		10.2						Checked		Raymor	nd Dai	-
		Salinity Mete			EM	6167		Calibrati	on Check:		35.6						Date:		2/11/200		-
		Thermomete	r:		EM	6167															-
Project:	Contract	No. CV/2004/0	2 Recons	truction of V	/ong She	k and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	26/10/2005		. w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	28		٦	ide State:	Mid-Ebb	)	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth.m	Tempera a	ature, °C b	Dissolve a	d Oxyge b	n, mg/L Average	Dissolve a	d Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ds, mg/L	Remarks
N0.04 C	0.15							4.62			-									Depth	
MW1 S	8:15	small wave	4	1	26.6	26.6	4.68			00.0	00.7			05.0	4.00	4.00			44.0	Depth Average	
MW1 M		Sinai wave	+						4.65	69.0	68.7	68.9	35.0	35.0	1.22	1.36	1 21	8.0	11.0	Average	
WWW B	0.10			0	26.6	26.6	4.50					68.9	35.0				1.31				
MW2 S	7.60			3	26.6		4.53	4.45	4.65 4.49	68.0	67.5		35.0 35.0	35.0	1.27	1.40	1.31	8.5	14.0	Average	
	7:50	small wave	٥	1	26.2	26.2	4.80	4.45 4.73		68.0 72.8	67.5 74.5	68.9	35.0 35.0 35.2	35.0 35.2	1.27 0.92	1.40 1.18		8.5	14.0	Average 10.4	
	7:51	small wave	9	1	26.2 26.1	26.2 26.1	4.80 4.77	4.45 4.73 4.77	4.49 4.77	68.0 72.8 71.2	67.5 74.5 71.4	68.9 67.8 72.5	35.0 35.0 35.2 35.1	35.0 35.2 35.1	1.27 0.92 0.84	1.40 1.18 1.33	1.31	8.5 12.0 4.3	14.0 12.0 4.3	Average	
MW2 M MW2 B	7:51 7:54	small wave	9	1 4.5 8	26.2 26.1 26.1	26.2 26.1 26.1	4.80 4.77 4.72	4.45 4.73 4.77 4.77	4.49	68.0 72.8 71.2 67.4	67.5 74.5 71.4 67.6	68.9 67.8	35.0 35.0 35.2 35.1 35.1	35.0 35.2 35.1 35.1	1.27 0.92 0.84 1.45	1.40 1.18 1.33 1.18		8.5 12.0 4.3 10.0	14.0 12.0 4.3 13.0	Average 10.4	
MW2 M	7:51	small wave	9	1	26.2 26.1	26.2 26.1	4.80 4.77	4.45 4.73 4.77	4.49 4.77	68.0 72.8 71.2	67.5 74.5 71.4	68.9 67.8 72.5	35.0 35.0 35.2 35.1	35.0 35.2 35.1	1.27 0.92 0.84	1.40 1.18 1.33		8.5 12.0 4.3	14.0 12.0 4.3	Average 10.4	
MW2 M MW2 B CW1 S CW1 M	7:51 7:54 8:25			1 4.5 8	26.2 26.1 26.1 26.6	26.2 26.1 26.1	4.80 4.77 4.72	4.45 4.73 4.77 4.77 4.47	4.49 4.77 4.75	68.0 72.8 71.2 67.4	67.5 74.5 71.4 67.6 66.3	68.9 67.8 72.5 67.5	35.0 35.0 35.2 35.1 35.1 35.0	35.0 35.2 35.1 35.1	1.27           0.92           0.84           1.45           1.34	1.40 1.18 1.33 1.18 1.35	1.15	8.5 12.0 4.3 10.0	14.0 12.0 4.3 13.0 8.0	Average 10.4 9.3	
MW2 M MW2 B CW1 S CW1 M CW1 B	7:51 7:54 8:25 8:25			1 4.5 8 1 2	26.2 26.1 26.1 26.6 26.3	26.2 26.1 26.1 26.6 26.3	4.80 4.77 4.72 4.57 4.37	4.45 4.73 4.77 4.77 4.47 4.44	4.49 4.77 4.75 4.52	68.0 72.8 71.2 67.4 65.1 69.7	67.5 74.5 71.4 67.6 66.3 68.9	68.9 67.8 72.5 67.5 65.7	35.0 35.0 35.2 35.1 35.1 35.0 35.0	35.0 35.2 35.1 35.1 35.0 35.0	1.27 0.92 0.84 1.45 1.34 1.19	1.40 1.18 1.33 1.18 1.35 1.08	1.15	8.5 12.0 4.3 10.0 7.7 11.0	14.0 12.0 4.3 13.0 8.0 12.0	Average 10.4 9.3	
MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S	7:51 7:54 8:25 8:25 8:26			1 4.5 8 1	26.2 26.1 26.1 26.6	26.2 26.1 26.1 26.6	4.80 4.77 4.72 4.57	4.45 4.73 4.77 4.77 4.47	4.49 4.77 4.75 4.52	68.0 72.8 71.2 67.4 65.1	67.5 74.5 71.4 67.6 66.3	68.9 67.8 72.5 67.5 65.7	35.0 35.0 35.2 35.1 35.1 35.0	35.0 35.2 35.1 35.1 35.0	1.27           0.92           0.84           1.45           1.34	1.40 1.18 1.33 1.18 1.35	1.15	8.5 12.0 4.3 10.0 7.7	14.0 12.0 4.3 13.0 8.0	Average 10.4 9.3	
MW2 M MW2 B CW1 S	7:51 7:54 8:25 8:25 8:26 8:00		3	1 4.5 8 1 2 1	26.2 26.1 26.1 26.6 26.3 26.3	26.2 26.1 26.1 26.6 26.3 26.3	4.80 4.77 4.72 4.57 4.37 4.92	4.45 4.73 4.77 4.77 4.47 4.44 4.91	4.49 4.77 4.75 4.52 4.41	68.0 72.8 71.2 67.4 65.1 69.7 76.0	67.5 74.5 71.4 67.6 66.3 68.9 74.3	68.9 67.8 72.5 67.5 65.7 69.3	35.0 35.0 35.2 35.1 35.1 35.0 35.0 35.0	35.0 35.2 35.1 35.1 35.0 35.0 35.0	1.27 0.92 0.84 1.45 1.34 1.19 1.49	1.40 1.18 1.33 1.18 1.35 1.08 1.22	1.15	8.5 12.0 4.3 10.0 7.7 11.0 5.3	14.0 12.0 4.3 13.0 8.0 12.0 7.7	Average 10.4 9.3 9.7	
MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 M	7:51 7:54 8:25 8:25 8:26 8:00 8:00		3	1 4.5 8 1 2 1 5	26.2 26.1 26.1 26.6 26.3 26.3 26.5 26.2	26.2 26.1 26.1 26.6 26.3 26.4 26.2	4.80 4.77 4.72 4.57 4.37 4.92 4.64	4.45 4.73 4.77 4.77 4.47 4.47 4.44 4.91 4.61	4.49 4.77 4.75 4.52 4.41 4.77	68.0 72.8 71.2 67.4 65.1 69.7 76.0 69.5	67.5 74.5 71.4 67.6 66.3 68.9 74.3 70.0	68.9 67.8 72.5 67.5 65.7 69.3 72.5	35.0 35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	1.27 0.92 0.84 1.45 1.34 1.19 1.49 1.24	1.40 1.18 1.33 1.18 1.35 1.08 1.22 1.35	1.15	8.5 12.0 4.3 10.0 7.7 11.0 5.3 5.7	14.0 12.0 4.3 13.0 8.0 12.0 7.7 5.7	Average 10.4 9.3 9.7	
MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 M	7:51 7:54 8:25 8:25 8:26 8:00 8:01 8:05		3	1 4.5 8 1 2 1 5 9	26.2 26.1 26.1 26.6 26.3 26.3 26.5 26.2	26.2 26.1 26.1 26.6 26.3 26.4 26.2	4.80 4.77 4.72 4.57 4.37 4.92 4.64 4.72	4.45 4.73 4.77 4.77 4.47 4.47 4.44 4.91 4.61 4.67	4.49 4.77 4.75 4.52 4.41 4.77	68.0 72.8 71.2 67.4 65.1 69.7 76.0 69.5	67.5 74.5 71.4 67.6 66.3 68.9 74.3 70.0	68.9         67.8         72.5         67.5         65.7         69.3         72.5         67.0	35.0 35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	1.27 0.92 0.84 1.45 1.34 1.19 1.49 1.24	1.40 1.18 1.33 1.18 1.35 1.08 1.22 1.35	1.15	8.5 12.0 4.3 10.0 7.7 11.0 5.3 5.7 4.0	14.0 12.0 4.3 13.0 8.0 12.0 7.7 5.7	Average 10.4 9.3 9.7	
MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 S CW2 M CW2 B	7:51 7:54 8:25 8:25 8:26 8:00 8:01 8:05	small wave	3 10 cygen Mete	1 4.5 8 1 2 1 5 9	26.2 26.1 26.1 26.6 26.3 26.5 26.2 26.1	26.2 26.1 26.1 26.6 26.3 26.4 26.2 26.1	4.80 4.77 4.72 4.57 4.37 4.92 4.64 4.72	4.45 4.73 4.77 4.77 4.47 4.44 4.91 4.61 4.67 Calibrati	4.49 4.77 4.75 4.52 4.41 4.77 4.70	68.0 72.8 71.2 67.4 65.1 69.7 76.0 69.5	67.5 74.5 71.4 67.6 66.3 68.9 74.3 70.0 66.7	68.9 67.8 72.5 67.5 65.7 69.3 72.5 67.0	35.0 35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	35.0 35.2 35.1 35.1 35.0 35.0 35.1 35.0	1.27 0.92 0.84 1.45 1.34 1.19 1.49 1.24	1.40 1.18 1.33 1.18 1.35 1.08 1.22 1.35	1.15	8.5 12.0 4.3 10.0 7.7 11.0 5.3 5.7 4.0 By:	14.0         12.0         4.3         13.0         8.0         12.0         7.7         5.7         5.7	Average 10.4 9.3 9.7 5.7	

Salinity Meter:

Thermometer:

EM 6167

EM 6167 Calibration Check: 35.6 ppt

2/11/2005

Date:

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	tion Co.,	Ltd.		Job No.:	J429			
Date of	Sampling:	28/10/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	28		T	ide 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 Solid	s, mg/L	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	16:07			1	26.3	26.3	4.72	4.60	4.63	72.4	71.8	70.5	35.3	35.3	1.47	1.24		5.5	6.0		
MW1 M	16:07	small wave	5	2.5	26.2	26.1	4.58	4.61		68.5	69.2		35.3	35.1	1.18	1.36	1.27	6.0	8.7	7.2	
MW1 B	16:09			4	26.1	26.1	4.44	4.47	4.46	68.4	67.5	68.0	35.1	35.1	1.20	1.18		7.0	10.0		
MW2 S	15:40			1	26.4	26.4	4.64	4.61	4.59	70.5	71.2	69.8	35.4	35.3	1.44	1.13		7.7	7.3		
MW2 M	15:41	small wave	10	5	26.2	26.2	4.53	4.56		68.8	68.8		35.1	35.1	0.85	1.18	1.17	9.7	7.3	7.7	
MW2 B	15:45			9	26.1	26.1	4.36	4.45	4.41	67.4	68.3	67.9	35.1	35.1	0.97	1.46		8.3	5.7		
CW1 S	16:19	-		1	26.4	26.4	4.72	4.62	4.67	72.1	70.4	71.3	35.3	35.3	1.36	1.28		7.3	7.0		
CW1 M	16:19	small wave	4				4.50	4.07		70.0			05.4	05.4			1.24			8.5	
CW1 B	16:20			3	26.2	26.2	4.59	4.67	4.63	70.6	69.7	70.2	35.1	35.1	1.15	1.17		10.0	9.7		
CW2 S	15:53	small wave	11	1	26.4	26.3	4.58	4.69	4.60	68.8	69.7	69.7	35.3	35.3	1.34	1.31	1 22	6.3	8.7	9.6	
CW2 M CW2 B	15:54 15:58	smail wave		5.5 10	26.2 26.1	26.2 26.1	4.51 4.68	4.62 4.53	4.61	69.9 70.3	70.4 69.5	69.9	35.1 35.1	35.2 35.1	1.29 1.23	1.16	1.23	8.3 15.0	7.0 12.0	9.6	
CVV2 B	15.56			10	20.1	20.1	4.00	4.53	4.01	70.3	69.5	69.9	35.1	35.1	1.23	1.00		15.0	12.0		
quipmen	t used:	Dissolved Ox	waen Mete	ar.	EM	6167		0 17 17									Compled	Dv <i>r</i>	Chow Ki	in Bong	
			,5			0107		Calibrati	on Check:		100	100%:					Sampled	Бу.	CHOW K	in Fong	-
		Turbidity Met			EM	2365			on Check: on Check:		100						Checked I		Raymon		- -
		Turbidity Met Salinity Mete	er:					Calibrati				NTU						By:		d Dai	
		-	er: r:		EM	2365		Calibrati	on Check:		10.1	NTU					Checked	By:	Raymon	d Dai	
Proio et	Contrast	Salinity Mete	er: r: r:		EM EM	2365 6167 6167		Calibrati Calibrati	on Check: on Check:		10.1 34.5	DTU ppt	Constru				Checked I Date:	By:	Raymon	d Dai	
		Salinity Mete Thermomete No. CV/2004/0	er: r: <u>)2 Recons</u>	truction of W	EM EM EM /ong She	2365 6167 6167 k and Ko	Lau Wa	Calibrati Calibrati	on Check: on Check:		10.1 34.5 Client:	NTU ppt Kin Shing					Checked I Date: Job No.:	Ву: 	Raymon 4/11/200	d Dai	
Date of	Sampling:	Salinity Mete Thermomete No. CV/2004/( 	r: r: 02 Recons	truction of W	EM EM EM /ong She	2365 6167 6167 kk and Ko ondition:	Lau Wa Sunny	Calibrati Calibrati n Public	on Check: on Check: Piers	Discolute	10.1 34.5 Client: Ambier	NTU ppt <u>Kin Shing</u> nt Tempera	ature,°C:	28		Т	Checked I Date:	By: J429 <u>Mid-Ebb</u>	Raymon 4/11/200	d Dai	- - -
Date of		Salinity Mete Thermomete No. CV/2004/0	r: r: 02 Recons	truction of M W Sampling	EM EM EM /ong She	2365 6167 6167 k and Ko	Lau Wa Sunny	Calibrati Calibrati n Public	on Check: on Check: Piers	Dissolve	10.1 34.5 Client: Ambier	NTU ppt <u>Kin Shing</u> nt Tempera		28		T , NTU	Checked I Date: Job No.:	By: J429 <u>Mid-Ebb</u>	Raymon 4/11/200	d Dai	Remarks
Date of Station	Sampling:	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	r: r: )2 Recons	truction of M W	EM EM EM /ong She reather C	2365 6167 6167 ek and Ko ondition:	Lau Wa Sunny Dissolve	Calibrati Calibrati n Public	on Check: on Check: Piers n, mg/L Average		10.1 34.5 Client: Ambier	NTU ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity,	28 ppt	Turbidity	T , NTU	Checked   Date: Job No.: ïde State:	By: J429 <u>Mid-Ebb</u>	Raymon 4/11/200	d Dai 05 s, mg/L Depth	Remarks
Date of Station	Sampling: Time	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	r: r: )2 Recons	truction of W W Sampling Depth,m	EM EM /ong She /eather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge	on Check: on Check: Piers	а	10.1 34.5 Client: Ambieu d Oxygeu b	NTU ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	28 ppt b	Turbidity a	T , NTU b	Checked   Date: Job No.: ïde State:	By: J429 Mid-Ebb Suspenc	Raymon 4/11/200	d Dai 05 s, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 9:03	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She /eather C Tempera a	2365 6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati Calibrati n Public d Oxyge	on Check: on Check: Piers n, mg/L Average	а	10.1 34.5 Client: Ambieu d Oxygeu b	NTU ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity, a	28 ppt b	Turbidity a	T , NTU b	Checked I Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspenc	Raymon 4/11/200	d Dai 05 s, mg/L Depth Average	Remarks
Date of	Sampling: Time 9:03 9:03	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She reather C Tempera a 26.4	2365 6167 6167 ek and Ko ondition: ature, °C b 26.4	Lau Wa Sunny Dissolve a 4.74	Calibrati Calibrati n Public d Oxyge b 4.68	on Check: on Check: Piers Average 4.71 4.57	a 72.4	10.1 34.5 Client: Ambien b 72.6	NTU ppt Kin Shing nt Tempera Average 72.5 58.7	ature,⁰C: Salinity, a 35.3	28 ppt b 35.3	Turbidity a 1.33	7 , NTU b 1.26	Checked I Date: Job No.: ïde State: Average	By: J429 Mid-Ebb Suspend 6.0	Raymon 4/11/200 ded Solid	d Dai 05 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 9:03 9:03 9:04	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons Overall Depth, m	Sampling Depth,m	EM EM /ong She eather C Tempera a 26.4 26.2	2365 6167 6167 ek and Ko ondition: ature, °C b 26.4 26.2	Lau Wa Sunny Dissolve a 4.74 4.59	Calibrati Calibrati n Public b 4.68 4.55	on Check: on Check: Piers n, mg/L Average 4.71	a 72.4 58.6	10.1 34.5 Client: Ambien b 72.6 58.7	NTU ppt Kin Shing nt Tempera n, % Average 72.5	ature, °C: Salinity, a 35.3 35.1	28 ppt 5 35.3 35.0	Turbidity a 1.33 1.16	, <u>NTU</u> b 1.26 1.13	Checked I Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspend 6.0 5.5	Raymon 4/11/200 ded Solid 7.0 8.0	d Dai 05 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 9:03 9:03 9:04 8:35	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons )2 Recons )0 Verall Depth, m 4	truction of M W Sampling Depth,m 1 3 1	EM EM Cong She reather C Tempera a 26.4 26.2 26.4	2365 6167 6167 6167 6167 ek and Ko ondition: b 26.4 26.4 26.4	Lau Wa Sunny Dissolve a 4.74 4.59 4.68	Calibrati Calibrati n Public d Oxyge b 4.68 4.55 4.70	on Check: on Check: Piers Average 4.71 4.57	a 72.4 58.6 79.5	10.1 34.5 Client: Ambieu b 72.6 58.7 79.7	NTU ppt Kin Shing nt Tempera Average 72.5 58.7	ature,°C: Salinity, a 35.3 35.1 35.4	28 ppt b 35.3 35.0 35.4	Turbidity a 1.33 1.16 0.84	7 , NTU b 1.26 1.13 1.16	Checked I Date: Job No.: ïde State: Average 1.22	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 6.0 5.5 6.7	Raymon 4/11/200 Jed Solid 7.0 8.0 5.3	d Dai 05 5 s, mg/L Depth Average 6.6	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 9:03 9:04 8:35 8:36	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons )2 Recons )0 Verall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 5	EM EM EM Vong She eather C Tempera a 26.4 26.2 26.4 26.3	2365 6167 6167 ek and Ko ondition: ature, °C b 26.4 26.2 26.4 26.2	Lau Wa Sunny Dissolve a 4.74 4.59 4.68 4.62	Calibrati Calibrati n Public d Oxyge b 4.68 4.55 4.70 4.60	n Check: Piers <u>n, mg/L</u> Average 4.71 4.57 4.65 4.60	a 72.4 58.6 79.5 73.3	10.1 34.5 Client: Ambiel b 72.6 58.7 79.7 73.8	NTU ppt <u>Kin Shing</u> nt Tempera Average 72.5 58.7 76.6 64.5	ature, °C: Salinity, a 35.3 35.1 35.4 35.2	28 ppt 35.3 35.0 35.0 35.4 35.2	Turbidity a 1.33 1.16 0.84 1.24	1.26 1.26 1.13 1.16 1.35	Checked I Date: Job No.: ïde State: Average 1.22	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 6.0 5.5 6.7 11.0	Raymon 4/11/200 ded Solid 7.0 8.0 5.3 13.0	d Dai 05 5 s, mg/L Depth Average 6.6	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 9:03 9:03 9:04 8:35 8:36 8:36	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: )2 Recons )2 Recons )0 Verall Depth, m 4	truction of V W Sampling Depth,m 1 3 1 5 9	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: ature, °C b 26.4 26.4 26.4 26.3 26.1	Lau Wa Sunny Dissolve a 4.74 4.59 4.68 4.62 4.57	Calibrati Calibrati n Public d Oxyge b 4.68 4.55 4.70 4.60 4.63	on Check: on Check: Piers Average 4.71 4.57 4.65	a 72.4 58.6 79.5 73.3 64.4	10.1 34.5 Client: Ambieu b 72.6 58.7 79.7 73.8 64.5	NTU ppt Kin Shing nt Tempera Average 72.5 58.7 76.6	ature, °C: Salinity, a 35.3 35.1 35.4 35.2 35.1	28 ppt 5 35.3 35.0 35.4 35.2 35.1	Turbidity a 1.33 1.16 0.84 1.24 1.15	NTU b 1.26 1.13 1.16 1.35 1.10	Checked I Date: Job No.: ïde State: Average 1.22	By: <u>J429</u> <u>Mid-Ebb</u> Suspenc 6.0 5.5 6.7 11.0 6.7	Raymon 4/11/200 ded Solid 7.0 5.3 13.0 6.7	d Dai 05 5 s, mg/L Depth Average 6.6	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 9:03 9:03 9:04 8:35 8:36 8:40 9:14	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: D2 Recons Overall Depth, m 4 10	truction of V W Sampling Depth,m 1 3 1 5 9	EM EM EM /ong She /ong She /on	2365 6167 6167 ek and Ko ondition: ature, °C b 26.4 26.4 26.4 26.3 26.1	Lau Wa Sunny Dissolve a 4.74 4.59 4.68 4.62 4.57	Calibrati Calibrati n Public d Oxyge b 4.68 4.55 4.70 4.60 4.63	n Check: Piers <u>n, mg/L</u> Average 4.71 4.57 4.65 4.60	a 72.4 58.6 79.5 73.3 64.4	10.1 34.5 Client: Ambieu b 72.6 58.7 79.7 73.8 64.5	NTU ppt <u>Kin Shing</u> nt Tempera Average 72.5 58.7 76.6 64.5	ature, °C: Salinity, a 35.3 35.1 35.4 35.2 35.1	28 ppt 5 35.3 35.0 35.4 35.2 35.1	Turbidity a 1.33 1.16 0.84 1.24 1.15	NTU b 1.26 1.13 1.16 1.35 1.10	Checked I Date: Job No.: ide State: Average 1.22 1.14	By: <u>J429</u> <u>Mid-Ebb</u> Suspenc 6.0 5.5 6.7 11.0 6.7	Raymon 4/11/200 ded Solid 7.0 5.3 13.0 6.7	d Dai D5 s, mg/L Depth Average 6.6 8.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Sampling: Time 9:03 9:04 8:35 8:36 8:40 9:14 9:14	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: D2 Recons Overall Depth, m 4 10	truction of W W Sampling Depth,m 1 3 1 5 9 1	EM EM EM (ong She eather C Tempera a 26.4 26.4 26.4 26.3 26.1 26.5	2365 6167 6167 ek and Ko ondition: b 26.4 26.4 26.3 26.4 26.3 26.1 26.5	Lau Wa Sunny Dissolve a 4.74 4.59 4.68 4.62 4.57 4.77	Calibrati Calibrati n Public d Oxygei b 4.68 4.55 4.70 4.60 4.63 4.77	on Check: on Check: Piers Average 4.71 4.57 4.65 4.60 4.77	a 72.4 58.6 79.5 73.3 64.4 74.3	10.1           34.5           Client:           Ambiei           b           72.6           58.7           79.7           73.8           64.5           74.6	NTU ppt <u>Kin Shing</u> nt Tempera Average 72.5 58.7 76.6 64.5 74.5	ature, °C: <u>Salinity,</u> a 35.3 35.1 35.4 35.2 35.1 35.4 35.2	28 ppt b 35.3 35.0 35.4 35.2 35.1 35.4	Turbidity a 1.33 1.16 0.84 1.24 1.15 1.17	T NTU b 1.26 1.13 1.16 1.35 1.10 1.09	Checked I Date: Job No.: ide State: Average 1.22 1.14	By: <u>J429</u> <u>Mid-Ebb</u> <u>Suspenc</u> 6.0 5.5 6.7 11.0 6.7 6.7	Raymon 4/11/200 ded Solid 7.0 5.3 13.0 6.7 6.3	d Dai D5 s, mg/L Depth Average 6.6 8.2	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 9:03 9:04 8:35 8:36 8:40 9:14 9:14 9:15	Salinity Mete Thermomete No. CV/2004/( 28/10/2005 Sea	er: r: D2 Recons Overall Depth, m 4 10	truction of W Sampling Depth,m 1 3 1 5 9 1 1 2	EM EM EM /ong She eather C Tempera a 26.4 26.2 26.4 26.3 26.1 26.5 26.5	2365 6167 6167 ondition: ature, °C b 26.4 26.2 26.4 26.3 26.1 26.5 26.5	Lau Wa Dissolve a 4.74 4.59 4.68 4.62 4.57 4.77 4.77	Calibrati Calibrati n Public d Oxyge b 4.68 4.55 4.70 4.60 4.63 4.77 4.54	on Check: on Check: Piers Average 4.71 4.57 4.65 4.60 4.77 4.55	a 72.4 58.6 79.5 73.3 64.4 74.3 68.5	10.1 34.5 Client: Ambiel b 72.6 58.7 79.7 73.8 64.5 74.6 68.7	NTU           ppt           Kin Shing           nt Temperative           72.5           58.7           76.6           64.5           74.5           68.6	ature, °C: Salinity, a 35.3 35.1 35.4 35.2 35.1 35.4 35.4 35.1	28 ppt b 35.3 35.0 35.4 35.4 35.2 35.1 35.4 35.1	Turbidity a 1.33 1.16 0.84 1.24 1.15 1.17 1.06	NTU         b           1.26         1.13           1.16         1.35           1.10         1.09           1.34         1.34	Checked I Date: Job No.: ide State: Average 1.22 1.14	By: J429 Mid-Ebb Suspenc 6.0 5.5 6.7 11.0 6.7 6.7 6.7 6.7 6.0	Raymon 4/11/200 4/11/200 5.3 5.3 5.3 6.7 6.3 5.0	d Dai D5 s, mg/L Depth Average 6.6 8.2	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	Chow Kin Pong
	Turbidity Meter:	EM	2365	Calibration Check:	10.1	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	34.5	ppt	Date:	4/11/2005
	Thermometer:	EM	6167					

					***		zuan	LY IVI	ornitor	ing i	Jula	Onee		ong	Uner	9					
roject:	Contract	No. CV/2004/	02 Recons	truction of W	/ong She	ek and Ko	) Lau Wa	n Public	Piers	_	Client:	Kin Shing	Constru	ction Co.	, Ltd.		Job No.:	J429	-		
Date of	Sampling	31/10/2005	i	w	eather C	ondition:	Sunny			_	Ambie	nt Temper	ature,°C:	28			Tide State:	Mid-Floo	bd	_	
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	ed Oxyge	n, mg/L	Dissolve	ed Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU	-	Suspen	ded Solid	ls, mg/L	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	16:33			1	28.3	28.3	4.43	4.40	4.00	67.1	67.0		35.3	35.3	1.46	1.19		8.0	9.0		
MW1 M	16:33		5	2.5	27.3	27.4	4.37	4.36	4.39	65.4	65.2	66.2	35.2	35.2	1.23	1.08	1.25	10.0	15.0	9.6	
MW1 B	16:35			4	27.0	27.0	4.31	4.29	4.30	64.7	64.2	64.5	35.2	35.2	1.32	1.22		8.0	7.7		
MW2 S	16:07			1	27.6	27.6	5.43	5.46		81.7	81.9		35.3	35.3	1.26	1.17		11.0	8.3		
MW2 M	16:08		10	5	26.8	26.7	5.35	5.36	5.40	79.3	79.6	80.6	35.3	35.2	1.16	1.36	1.12	4.0	5.7	7.5	
MW2 B	16:12			9	26.5	26.5	4.97	4.98	4.98	76.7	76.6	76.7	35.2	35.2	0.95	0.84		7.3	8.7		
CW1 S	16:47			1	29.8	29.8	4.20	4.22		63.9	64.1		35.2	35.3	1.38	1.34		6.7	9.3		
CW1 M	16:47		4						4.21			64.0					1.29			7.8	
CW1 B	16:48	1		3	27.4	27.4	4.18	4.17	4.18	63.3	63.5	63.4	35.2	35.1	1.15	1.28	1	8.3	6.7		
CW2 S	16:20			1	27.9	27.9	5.19	5.20		77.6	78.5		35.3	35.3	0.92	1.18		13.0	9.7		
CW2 M	16:21		11	5.5	26.7	26.7	5.09	5.11	5.15	75.4	75.6	76.8	35.2	35.2	1.22	1.36	1.20	5.3	6.3	8.5	
CW2 B	16:25			10	26.2	26.3	4.27	4.30	4.29	67.8	67.5	67.7	35.1	35.1	1.34	1.15		8.0	8.5		
		Turbidity Me Salinity Mete			EM EM	2365 6167			ion Check: ion Check:		10.1 34.5	-					Checked Date:	By:	Raymon 7-Nov-0		
		Thermomete	er:		EM	6167	•														
Proiect:	Contract	No. CV/2004/	02 Recons	truction of W	/ona She	k and Ko	o Lau Wa	n Public	Piers		Client:	Kin Shing	u Constru	ction Co.	. Ltd.		Job No.:	J429			
		: 31/10/2005			eather C					-		nt Temper				•	Tide State:		- ,		
Station	Time	Sea	Overall	Sampling			Dissolve	d Oxyge	n, mg/L	Dissolve	ed Oxyge		Salinity,		Turbidity				ded Solid	ls, mg/L	Remarks
		Condition	Depth, m		а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MW1 S	11:07			1	25.4	25.4	4.81	4.73	4	67.2	66.8	07.0	35.4	35.3	1.16	1.24		13.0	12.0		
MW1 M	11:07		4						4.77			67.0					1.19			11.0	
MW1 B	11:08			3	25.3	25.3	4.66	4.67	4.67	65.4	65.9	65.7	35.1	35.1	1.30	1.06		8.0	11.0		
MW2 S	10:40			1	25.3	25.3	4.72	4.75	4.00	66.6	66.9	60.4	35.4	35.4	1.29	1.16		8.7	10.0		
MW2 M	10:41		9	4.5	25.1	25.1	4.65	4.60	4.68	65.8	66.3	66.4	35.2	35.2	1.05	1.24	1.13	7.0	5.0	9.0	
MW2 B	10:44			8	25.1	25.1	4.53	4.55	4.54	64.7	65.0	64.9	35.1	35.1	0.93	1.08		11.0	12.0		
CW1 S	11:22			1	25.4	25.4	4.82	4.71	4 77	67.3	67.8	67.6	35.3	35.3	1.11	1.17		12.0	10.0		
CW1 M	11:22		3						4.77			67.6					1.21			7.6	
CW1 B	11:23	1		2	25.3	25.3	4.60	4.57	4.59	65.8	66.0	65.9	35.3	35.3	1.34	1.22	1	3.0	5.3		
CW2 S	10:54			1	25.4	25.4	4.72	4.76	4.00	67.0	66.9		35.4	35.4	1.22	1.40		8.3	8.0		
CW2 M	10:55		10	5	25.3	25.3	4.53	4.61	4.66	66.4	65.3	66.4	35.3	35.3	0.83	1.10	1.13	9.7	7.0	6.6	

EM 6167 100 100%: Equipment used: Dissolved Oxygen Meter: Calibration Check: Sampled By: Chow Kin Pong 10.1 NTU 2365 Raymond Dai Turbidity Meter: EM Calibration Check: Checked By: 7-Nov-05 EM 6167 34.5 ppt Salinity Meter: Calibration Check: Date: EM Thermometer: 6167

66.4

64.4

65.3

65.1

64.8

35.3

35.1

35.3

35.1

0.83

1.16

1.10

1.08

9.7

3.3

1.13

7.0

3.3

6.6

CW2 M

CW2 B

10:55

10:59

25.3

25.3

5

9

10

25.3 4.53

25.3

4.53

4.61

4.56

4.55



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 November 2005

Sunday	Monday		Tuesday		Wednesday	Thursday	Friday	Saturday
				1	2	2 3	4	5
					WQM <sup>3</sup>		WQM <sup>3</sup>	
					(Ebb: 12:27)		(Ebb: 13:26)	
					(Flood: 17:04)		(Flood: 17:42)	
6		7		8	9	) 10	11	12
	WQM <sup>3</sup>		WQM <sup>3</sup>				WQM <sup>3</sup>	
	(Ebb: 15:17)		(Ebb: 11:34)				(Ebb: 8:05)	
	(Flood: 19:06)		(Flood: 15:39)				(Flood: 15:02)	
13		14		15	16	5 17	18	19
	WQM <sup>3</sup>				WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 10:51)				(Ebb:12:17)		(Ebb: 13:06)	
	(Flood: 16:59)				(Flood: 18:10)		(Flood: 17:13)	
20		21		22	23	3 24	25	26
	WQM <sup>3</sup>				WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 03:00)*				(Ebb: 06:00)*		(Ebb: 8:00)	
	(Flood: 15:07)				(Flood: 16:02)		(Flood: 19:14)	
27		28		29	30	)		
	WQM <sup>3</sup>				WQM <sup>3</sup>			
	(Ebb: 9:44)				(Ebb: 11:15)			
	(Flood: 15:48)				(Flood: 16:42)			

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 on 21 and 23 November 05, due to unsuitable time for sample collection.



### CONTRACT NO: CV/2004/02

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

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

- OCT 2005 -

CLIENT:

#### Kin Shing Construction Company Limited

1/F, 27 Yin Chong Street, Mongkok, Kowloon, H.K.

Telephone: (852) 2835 7087 Facsimile: (852) 2780-2805

#### PREPARED BY:

#### Lam Environmental Services

14/F Honour Industrial Centre 6 Sun Yip Street Chai Wan, H.K.

Telephone: (852) 2897-3282 Facsimile: (852) 2897-5509 E-mail: <u>lab@lamconstruct.com.hk</u> Website: <u>http://www.lamconstruct.com</u>

**CERTIFIED BY:** 

DATE:

15 Dec 2005

Raymond Dai Senior Environmental Scientist

自己就推动"多尔特"中	••••••		
MATERIALAB CONSULTANT Fugro Development Centre 5 Lok Yi Street, 17 M.S. Castle Peak Road, Tai Lam, Tuen Mun, N.T., Hong Kong.	Telephor	ED he : +852-24508233 : +852-24506138 : mcl@fugro.com.hk	MateriaLab
EAY MESSAGE			

#### aa meg

Priority	🗆 normal / 🗆 urgent			
То	Lam Environmental Services	Ref. No.	MCLF1344	
Country		Fax No.	2897 5509	
Attn.	Mr. Raymond Dai	Date	15 December 2	2005
From	Joseph Poon	No. of Pages	1	(Incl. this page)
C.c. To	Mr. Simon Fok (Kin Shing Con. Co. Ltd.)	Fax No.	2729 7858	
Subject	Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko L Monthly EM&A Summary Report		Piers	

We refer to the October Monthly EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 12 December 2005 and are pleased to confirm we have no further comment on the reports.

- (0<u>5</u>-2 Should you require further information, please feel free to contact us.

Best regards,

Joseph Poon Independent Environmental Checker

JP/cy

#### CONFIDENTIALITY NOTICE

This facsimile transmission is intended only for the use of the addressee and is confidential. If you are not the addressee it may be untawful for you to read, copy, disclose or otherwise use the information in this facsimile. If you are not the intended recipient, please teléphone or fax us immediately.

# (If you do not receive all pages, please fax response or phone +852-24508233.) A Member of the Fugro Group

Dec

	•				
1. A.			۰.	••	
					: 
P. 01/01		12:2	T	50,	ST

Fax:+852-2450-6138



# CONTENTS

Ex	ecutive	Summary	1		
1	Introd	uction	1		
	1.1	Scope of the Report	1		
	1.2	Structure of the Report	1		
2	Projec	t Background	3		
	2.1	Scope of the Project and Site Description	3		
	2.2	Project Organization and Contact Personnel	3		
	2.3	Construction Programme and Works	3		
3	Implen	nentation Status	4		
	3.1	Status of Regulatory Compliance	4		
	3.2	Implementation of Pollution Control / Mitigation Measures	4		
4	Monito	oring Requirements	5		
	4.1	Water Quality Monitoring	5		
	4.2	Monitoring Parameters and Frequency	8		
	4.3	Water Quality Criteria	8		
	4.4	Monitoring Programme	9		
5	Monito	oring Results	10		
	5.1	Water Quality Monitoring Results	10		
	5.2	Waste Monitoring Results	10		
6	Compl	liance Audit	11		
7	Site In	spection and Audit	12		
8	Complaints, Notification of Summons and Prosecution				
9	Future Key Issues				
10	Conclu	usion	15		



# LIST OF TABLES

Table 2.2	Contact Details of Key Personnel
Table 3.1	Cumulative Summary of Valid Licences and Permits
Table 4.1a	Water Quality Monitoring Stations
Table 4.1b	Laboratory Test Procedures
Table 4.2	Water Quality Monitoring Parameters and Frequencies
Table 4.3	Action and Limit Levels for Water Quality Monitoring
Table 4.4	Environmental Monitoring Programme – Oct 05
Table 5.1a	Water Quality Monitoring Results (mid-flood tide) – Oct 05
Table 5.1b	Water Quality Monitoring Results (mid-ebb tide) – Oct 05
Table 6.1a	Summary of Water Quality Exceedance (mid-flood tide) – Oct 05
Table 6.1b	Summary of Water Quality Exceedance (mid-ebb tide) – Oct 05
Table 7	Summary of Environmental Inspection and Audit – Oct 05
Table 8a	Environmental Complaints Log
Table 8b	Cumulative Statistics on Complaints
Table 8c	Cumulative Statistics on Successful Prosecutions
Table 8c	Cumulative Statistics on Notification of Summons
Table 9	Construction Activities and Recommended Mitigation Measures – Oct 2005

# LIST OF FIGURES

<u>Figure 2.1</u>	Location Plan
Figure 2.3	Master Construction Programme
Figure 4.1	Layout of Environmental Monitoring Stations
<u>Figure 5.1a-h</u>	Graphical Plots of Water Quality Monitoring Results

#### LIST OF APPENDICES

<u>Appendix A</u>	Organization Chart
<u>Appendix B</u>	Implementation Schedule of Mitigation Measures
<u>Appendix C</u>	Calibration Certificates for Monitoring Equipment
<u>Appendix D</u>	Water Quality Monitoring Results
<u>Appendix E</u>	Monitoring Schedule - Upcoming month

# EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for Oct 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  $31^{st}$  Oct 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
- Demolition of existing pier

# 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

7.9m<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

4 site inspections were conducted by the Environmental Team (ET) in this reported period. An audit by the Independent Environmental Checker (IEC) was conducted on 26 Oct 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
-	5-Oct	No particular finding	-	-
-	14-Oct	No particular finding	-	-
-	17-Oct	No particular finding	-	-
-	26-Oct	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
Piling and demolition work for existing pier	Air, Water, Noise	<ul> <li>Effective dust suppression during demolition</li> <li>Silt curtain to be secured</li> </ul>
		<ul> <li>Avoid concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide</li> </ul>
		spill control if necessary
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>



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 31<sup>st</sup> Oct 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	W H Lee	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
- Demolition of existing pier

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 – Oct 05

		Water Quality (DO, Turbidity, SS)	Site Inspection
Oct	2005	MK1, MK2, MK3, MK4, CK1, CK2	
1	Sat		
2	Sun		
3	Mon	X	
4	Tue		
5	Wed	X	Х
6	Thu		
7	Fri	X	
8	Sat		
9	Sun		
10	Mon	X	
11	Tue		
12	Wed	X	
13	Thu		
14	Fri	X	Х
15	Sat		
16	Sun		
17	Mon	X	Х
18	Tue		
19	Wed	Х	
20	Thu		
21	Fri	Х	
22	Sat		
23	Sun		
24	Mon	Х	
25	Tue		
26	Wed	Х	X (w/ IEC)
27	Thu		
28	Fri	Х	
29	Sat		
30	Sun		
31	Mon	X	

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 26 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) – Oct 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MK1	4.78	4.26	1.52	10.7
MK2	4.64	4.14	1.54	9.2
MK3	4.69	4.33	1.42	9.5
MK4	4.63	4.19	1.36	10.4
CK1	4.68	4.35	1.48	9.3
CK2	4.75	4.40	1.46	9.7

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

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MK1	4.86	4.16	1.53	10.4
MK2	4.70	4.19	1.42	11.3
MK3	4.76	4.39	1.28	10.5
MK4	4.71	4.20	1.48	12.6
CK1	4.74	4.26	1.44	10.1
CK2	4.75	4.19	1.47	10.0

#### 5.2 WASTE MONITORING RESULTS

7.9m<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) – Oct 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) – Oct 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 0.7 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 4 inspections during this reporting period. An audit was undertaken by the IEC on 26 Oct 2005. The results of these inspections and outcomes are summarized in *Table 7*.

 Table 7
 Summary of Environmental Inspection and Audit – Oct 05

Item	Date	Observations	Action taken by Contractor	Outcome
-	5-Oct	No particular finding	-	-
-	14-Oct	No particular finding	-	-
-	17-Oct	No particular finding	-	-
-	26-Oct	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 8bCumulative 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 – Nov 2005

Construction Works	Predict Impacts	Proposed Mitigation Measures
Piling and demolition work for existing pier	Air, Water, Noise	<ul> <li>Effective dust suppression during demolition</li> <li>Silt curtain to be secured</li> <li>Avoid concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>
Construction of main piles	Water, Noise	<ul> <li>Silt curtain to be secured</li> <li>Avoid concurrent noisy operation during the erection of deck for the temporary berth</li> <li>Avoid chemical spill and provide spill control if necessary</li> </ul>



# 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

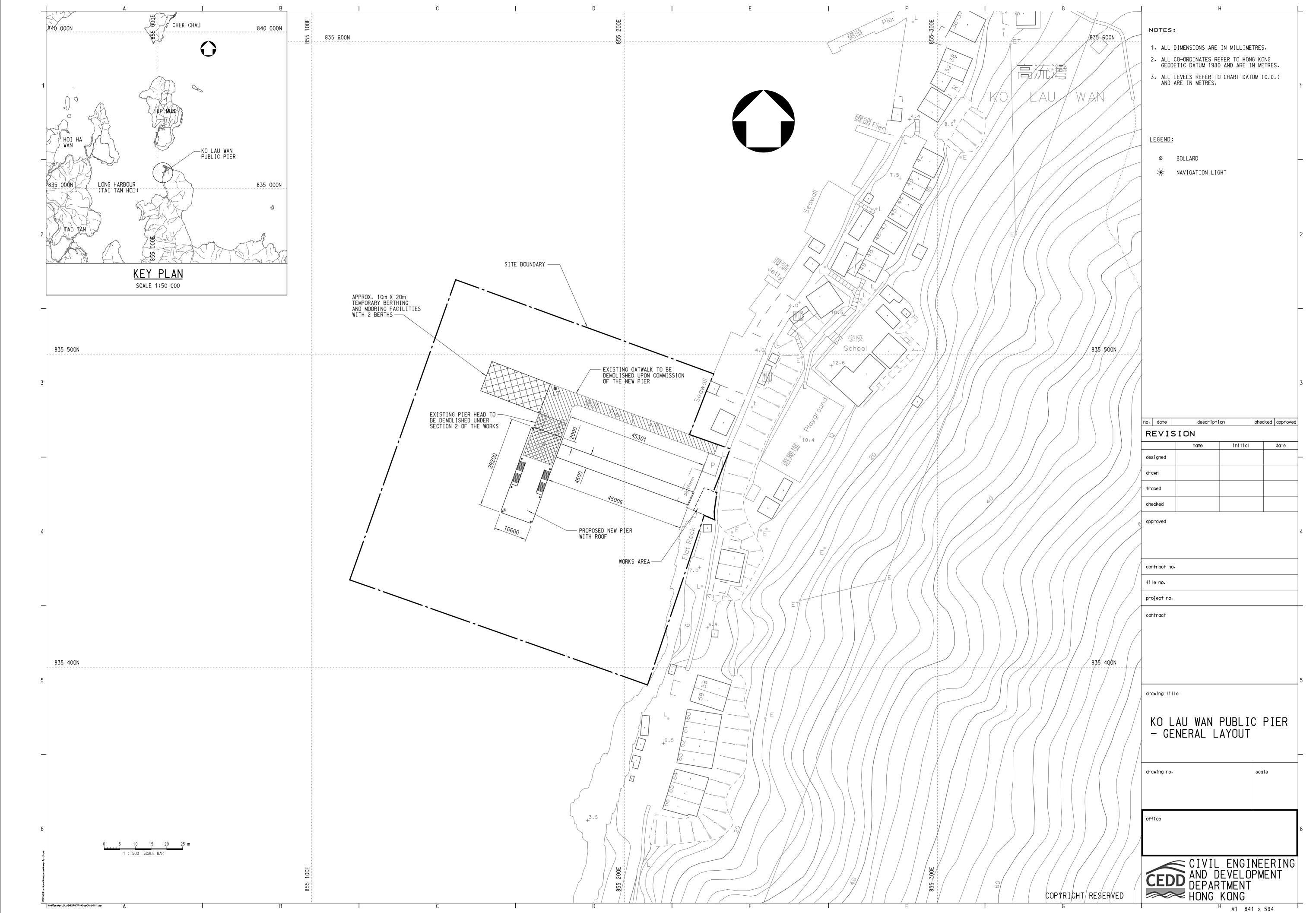




Figure 2.3

Master Construction Programme

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
Ťnét Nux.	Diction	Shri Finna	Perdecesses	NIN NIN N	1. yi bo	ne ne 100 km i 100 km I 100 km i 10
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 0			
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 TERRETERSEE	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 TIEXXXXX
Application and Installation of dectrical system	75 déys	l/ri 04/12/31 "Twe 05/3/15		1	50 PERSENT	TFREETENSING STATES
Application and installation of water supply system	75 days	Son 05/1/16 Tho 05/3/31		1.6	21	(ATTERNAL STATISTICS AND A STATES AND A STAT
Application and installation of telephone fines	75 days	Sun 05/1/16 Thu 05/3/31		1	27	· CITIZZZIARENTZIARENTERTERTERTERTE
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	2.8 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 para secondo con	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			GRADITATION CONTRACTOR	-	STATISTICS IN CONTRACTOR	WILLBRALLANARAR (*)	<u>)</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. - 148
		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> MUMININ				In the second second second	A SHILD
		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 garaasa	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	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	No. of the 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		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)	Childal Tada (Sep 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 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	A 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
	Installation of convision monitoring system	30 days	Fri 05/12/9	Sal 06/L/7	76,74	1		1	1	10			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	Sea 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	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		3				
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 06/1/29	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) (199							
1986	Split	Commancement	Hileatorg	Campleli	or. Mileston	Cinical	Trak (See 1)	Manalla	Mainenince Perind	Willia:	11112		

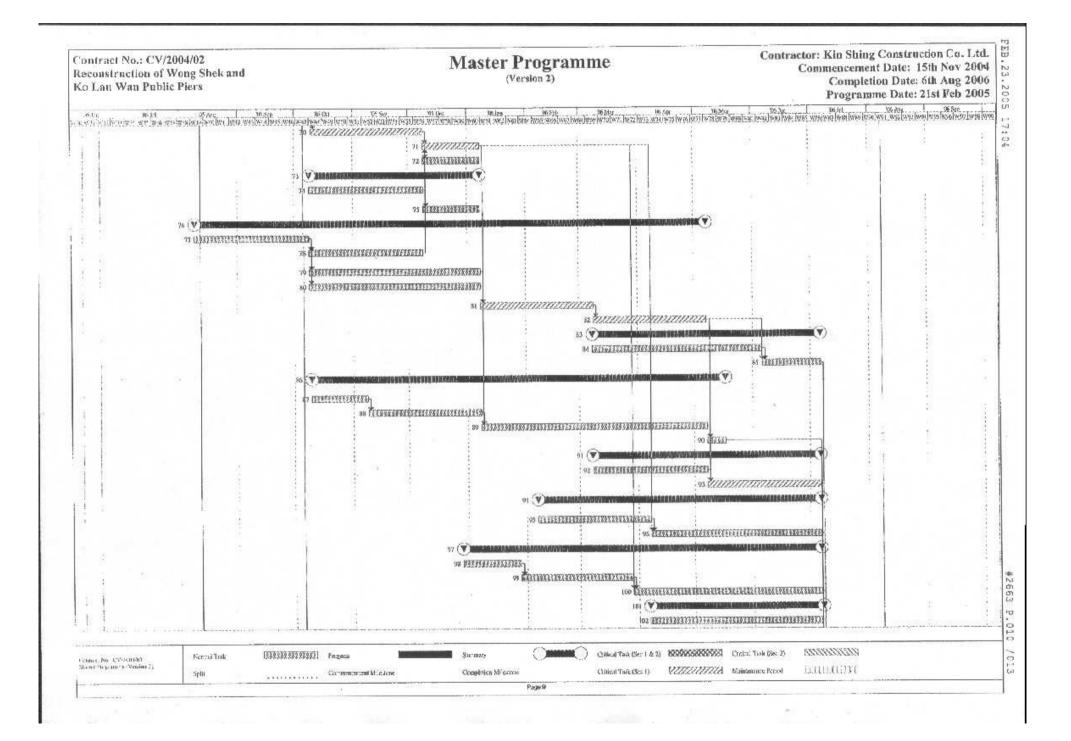
Reco	ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers			Mas	ter Progra (Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 20
1 -	T44, N980.	Diastica	Stact	Pins'-	Parlancestre	vij Soz. Soz Soz. Vij Soz. Vij Soz. Vij Soz. Vij Soz. Soz. Soz. Soz. Soz. Soz. Soz. Soz.
	Relocation	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	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 berth	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.	Taitline	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	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	Tho 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	
5	Casing of marin pier dock	25 days	Thu 06/2/2	Sim 06/2/26	101,144	
8	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	Fn 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 CV1965-12	200 C		Sucranezs	(1717)	
	Split	Commencement	Mitcalcas	Campleti	en Milesens Paga S	Chileal Take (see 1) 222/2222223 Minitanese Renod [1111] [[111]]

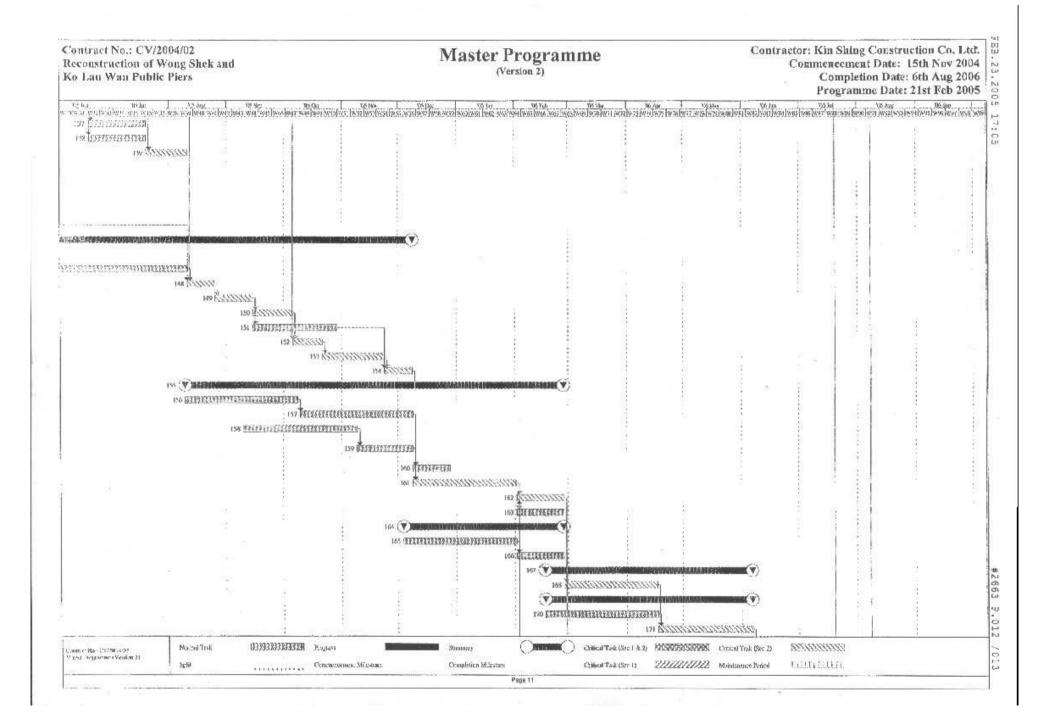
Reco	tract No.: CV/2004/02 Instruction of Wong Shek and Lau Wan Public Piers			Mas	(Version 2	ramme		Contr	Commencem Compl	ng Construction Co lent Date: 15th Nov letion Date: 6th Aug mme Date: 21st Feb	v 20 g 20
11	Tan Hane	Durton	.San	Finish	Pteulegestaors	1. J	1 Dec	10	Ve Mar	to in the state of	ainsi 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 012901	10.54.00
М.	Approval of specialist contractor	60 days	Wed 05/10/5	Sat 05/12/3			64		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	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	Sustainty	()	Calibrat Task Circ 1 & 2)		Critical Track (Sec. 2)	1221222123		
	5plit	Commencement:	Milestens	Correlatio	in Markicle	Chiest Test (See 1)	22.5222222222	Minimum Peterd	112703322003		

ontract No.: CV/20 econstruction of W .o Lau Wan Public	ong Shek and			Master ]	Program (ersion 2)	me		Comme Comme P	in Shing Construction encoment Date: 15th completion Date: 6th rogramme Date: 21st	h Nov 2004 1 Aug 2006 st Feb 2005
15.5m (1.5.5m) (9.51.95.2%)(9.51.7m) (9.51.95.2%)(9.51.7m)	ાર આ આ ગામ આ બના	Stell Vicina Jwistović w 71wia waztwski, erit	10 Net wiziwa)wa wasiwaelwai	n (6 ket 1992   Wali wali ya kuta wa	l lives and lives were save	76 Mar 10 Mar 10 Mar (17 Mar) (17 Mar)	L. wxx.w wisiwiying	sa no wys wet sovel was loss	yayashagiyayi wala	106.51p \$\$10.005.0002.0028.002
					1				2 📌 406 Aug 6	2
	n († 1997) 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -								9 🛧 186 Aug 6	4 1 1
ELSA GERERAN MANAGER		n an		eneren harringen en			THE REAL PROPERTY OF THE PARTY		MARKEN STRUCTURE AND A S	NICOVERIMAN I.I.
iterieren wennen		*****	-	£***¥1179197377777777	**********	7474546495355737575759369369		*******		k te
CENTRAL CONTRACTOR CONTRACTOR	110011111110000000000000000000000000000			(45000000000000000000000000000000000000	1922A21211160949148948			9	9 1 <u>0202228</u> 25555555555555555555555555555555	TRISSING CONTRACTOR
2005 october 1966 october 196	HALMANAUNSEYMINN	Think is a state of the state of t	MAMISMAN		OKCANING AND			TRANSMIC IS HIGH BORD		
						1				
);::::::::::::::::::::::::::::::::::::	46689866888889 <u>8888888888888888888888888</u>	<u>Elitertettettettettettettettettettettet</u> t	nanananan	7956798753753957539575355	1967 <u>5555</u> 5555588 <u>555588</u> 86	HERCEGOLOGICALLER	<u>21211114</u> 4919988988993	95191919199999999999999999999999999999	15 J	
ounnandian			mmmmmm		anistancintannissias	<u>ornannin</u> nanna	minummu	<u> </u>	oluni0100	
	х Це									4
	÷				4.	4 2			-	
69			2002							
									fi	4
térzerateskennakinnik	FTTTTTTTTTTTTTTTTTTTTTTTT	UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU		***************************************	ABBAAN CONSCIENCES	NUBBER AND A STREET	NAMO ISSUED FAINT THE REAL	PROFESSIONAL CONTRACTOR & SUITE & SUIT	IER BEFFERREISSESSAM ZIAMANN	Ċ.
						1				
							The state of the s	*****		
	<u></u>	ilozierierierielitettit	<u>911(</u> 32167597581668684	10,000,000,00,00,00,00,00,00,00,00,00,00	<u>, e 19 ( 10 ( 10 6 10 6 10 6 10 6 10 6 10 6 10</u>	155559959989999999999999999999999999999	TELETE CONTINUES OF TRANS	*****	32 (111111111111111111111111111111111111	r.
	4									
	1	BERRIERIN 2-1005	11	8		Official Taile (Sec 1 & 2)	000000000000000000000000000000000000000	Tak (So: 2) (SSL23)	9809	
cantri e: No CV-2054-02 V 18 w. Dogramme (Vendru 23	12. 19. 19. 19. 19. 19. 19. 19. 19. 19. 19	Commerces	en Milesten;	Summity Completion Milester	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2222222222 Ministra			
100 Co	- Contra		ANNEARD ANN		Page?					

Contract No.: CV/2004/0 Reconstruction of Wong Ko I.au Wan Public Piers	Shek and			rsion 2)				Commencemen Completi Program	Construction Co. Ltd t Date: 15th Nov 2004 on Date: 6th Aug 2006 ne Date: 21st Feb 2005
אין	6 Ave 1 199 See 1 199 Beninger verstigere wet heren javen javen	sis some divening weinen beine	no fan ''n wy flwyd lwyd wydfana fwar 1856 yw	va Pau galega (waalwar, waalwar	00 1970   1972   1972   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979	Nor 76 May Wisiwowi water 2 Monte 1979		Vojsel  wisiwisiwisiwisiwisiwisiwi	wallwallwallwallwallwallwallwallwallwal
	5 B								
								Ť.	
								-	
	1	-		•				-	
	i.	i.			1			1	
	10 A							. 8	
					*) *				
5				1					
		1		4	<u>8</u>				
		1						1. 1	
A COLORANG Y EXCLUSION OF WAR	UKUN ABBABBARAAMAN CURUNNARAAMI 🏵								
		1					×.	***	
ST (SERVICE) (TREASE									
** (10000) \$* (100000)		1							1
a CHERRINA AND	1								
51 112/2		2							
	willing willing			20				÷	
, (**###################################				<u>10</u>					
9 GERERAL CONTRACTOR	the second se	4							
67 DILIYAHIYKIXXXX	68 TILLINNING		*						1
		(1113113)							
······		anarazia ;							
	amd Tail (9281351323333333	Progess	Success		Clitter I Task Give 1 & 2	PECONSECUTION		8111111111	
lester Programme (Viesner 2:		Communicational Milerona	Geoglation Molestone		Criteal Task (Sec 1)	VIIIII	Maintenance Posisé		



Contract No.: CV/20 Reconstruction of We Ko Lau Wan Public I	ong Shek and	l		Master P	rogrami	ne		Contra	Commencement Completio Programm	Construction Co. Ltd. Date: 15th Nov 2004 n Date: 6th Aug 2006 e Date: 21st Feb 2005
Here we water Stewson	1 30 Aug With 2017 Pers Ref. ( 2018 [ 1 :	905au Geologian alfan siwii (, voethers	1051 VILSon With Accelerations (Base, Scallword, Most)	Yu Des wen wen wen wen werd werzen (	ius (	) International International Internationa International International Internationa International International In	ni sev Wrs wolke fostwer Generation		103 T 404 H 21273230 21273230 130 V////////////////////////////////////	76 su Sealachtais Ivis Ivis Ivis Ivis Ivis Sealachtais
acatan dalamatikan di Arab	CONCERCICULAR CANENAL	KARANGANA ING KANG		ng vier of the second	n maxima na marina m Tana marina ma			LALLEL DE LA MART		içene wanazisasig
					ŧ				118 (33 33 33 3)	
PELEVEREPENDEN			1997 - 19			401 - M. H				
-22 - 134 - 22 134 - 22 134 - 24 134 - 24 14 14 14 14 14 14 14 14										
ra Net (V Quile) (Q 17 system w - Vrigily) (2)	No.mel Task Sp. i		Progress Communectati Milasore	Suncryop Carglisse Mikalens	Page 10	Const Tesk (Sec 3 & 2) Cricket Tesk (Soc 3)	12 <i>11171111</i> 772		<i>REEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE</i>	



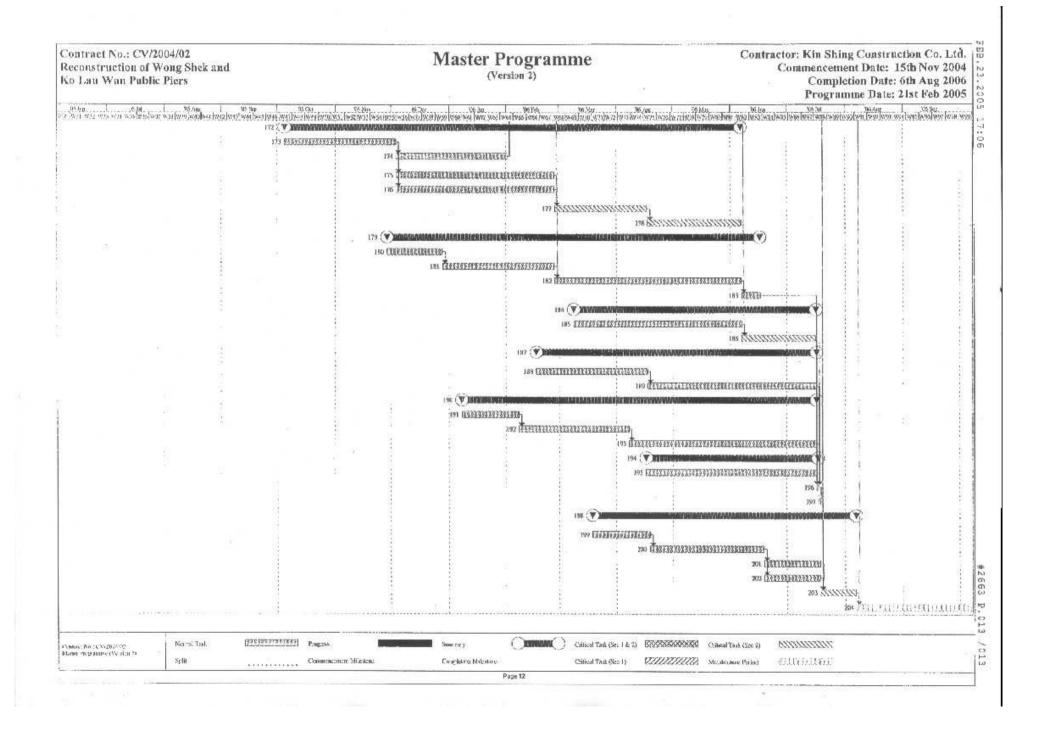




Figure 4.1

Layout of Environmental Monitoring Stations

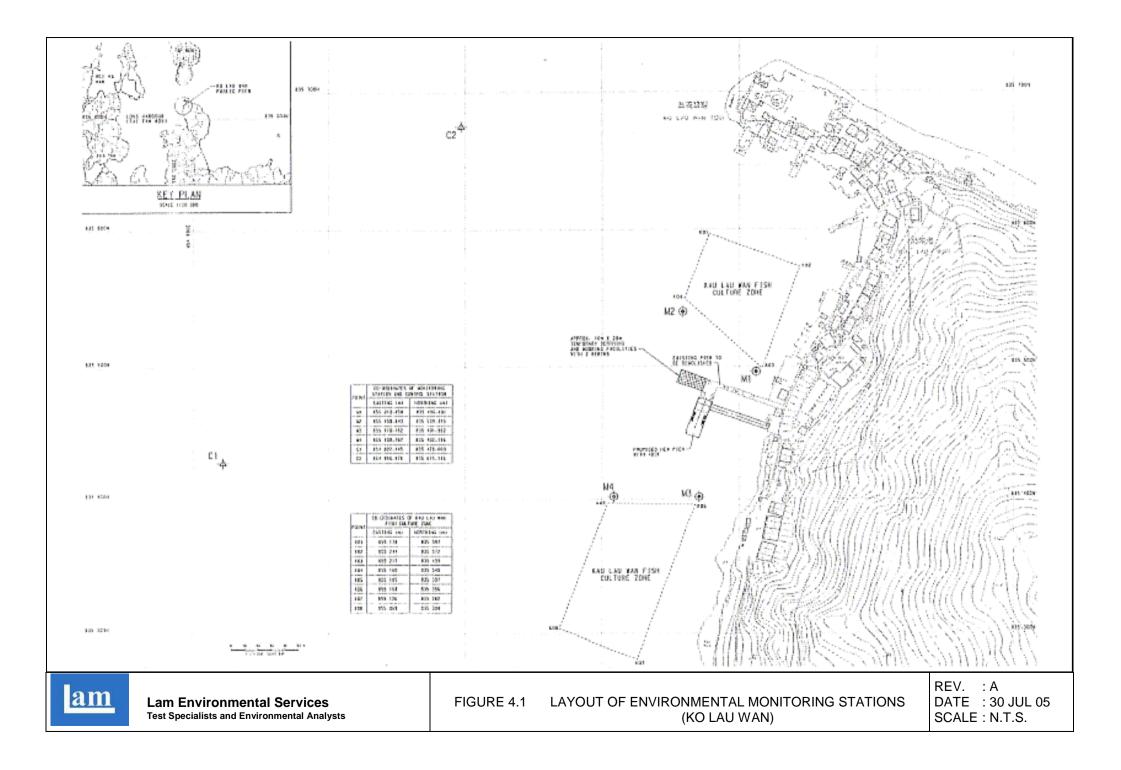
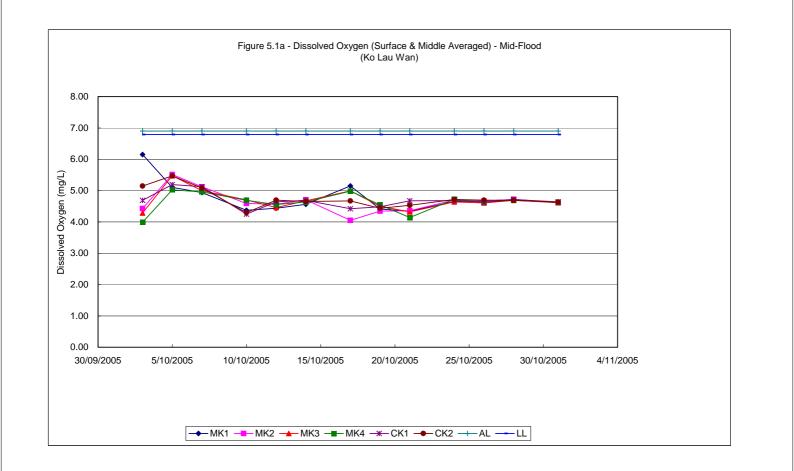
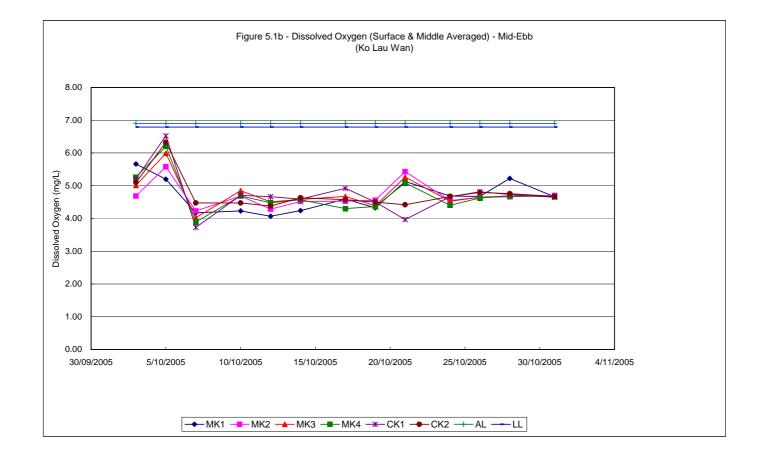


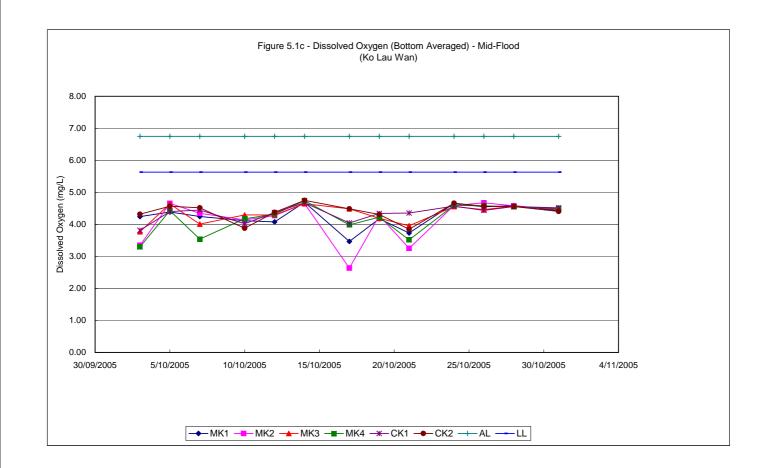


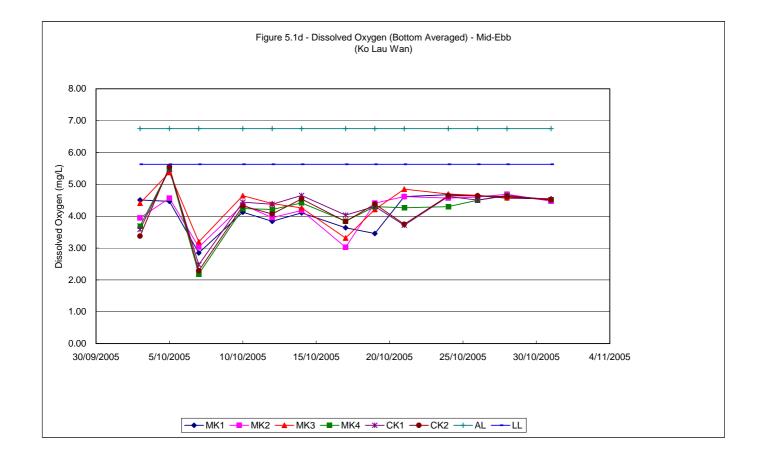
Figure 5.1a-h

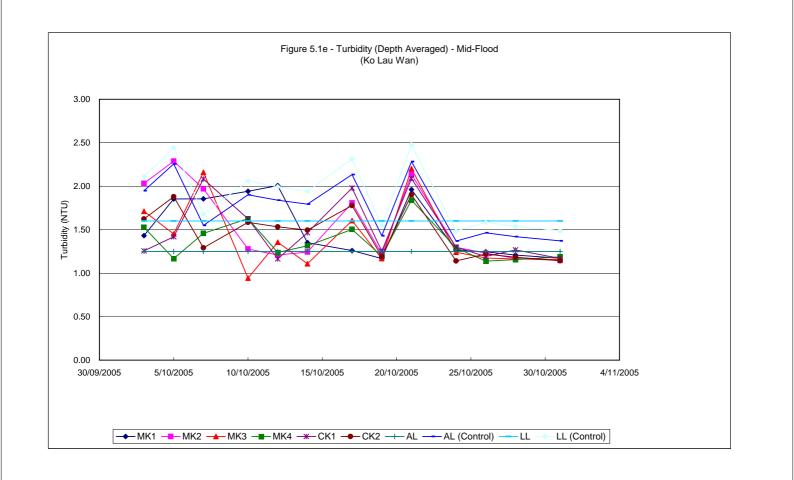
Graphical Plots of Water Quality Monitoring Results

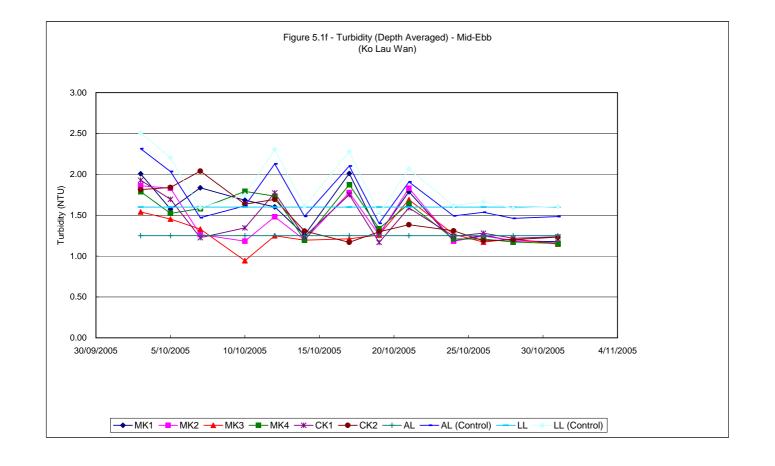


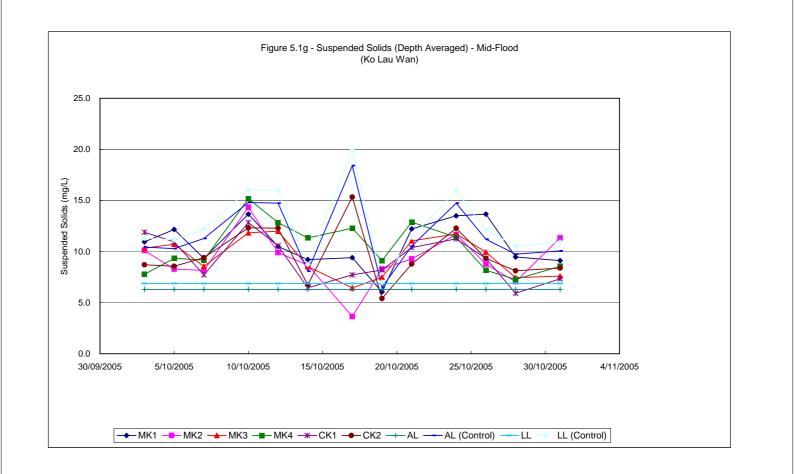


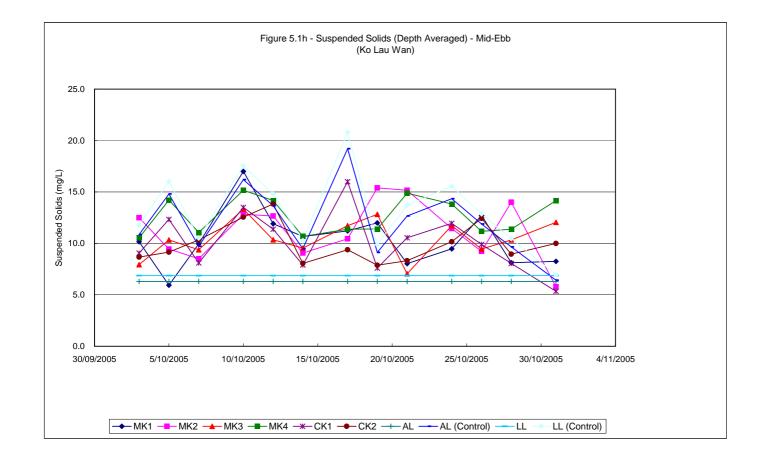














Appendix A

Organization Chart



**Project Proponent Environmental Protection Department Civil Engineering and Development** Civil Engineering Office Mr. W. H. Lee (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	2005

(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 23	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	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

<th colstant="" series="" th="" the="" with="" with<=""><th>Project:</th><th>Contract N</th><th>No. CV/2004/0</th><th>2 Reconst</th><th>ruction of Wo</th><th>ong Shek</th><th>and Ko L</th><th>au Wan F</th><th>Public Pie</th><th>rs</th><th></th><th>Client:</th><th>Kin Shing</th><th>Construc</th><th>tion Co., I</th><th>_td.</th><th></th><th>Job No.:</th><th>J429</th><th>-</th><th></th><th></th></th>	<th>Project:</th> <th>Contract N</th> <th>No. CV/2004/0</th> <th>2 Reconst</th> <th>ruction of Wo</th> <th>ong Shek</th> <th>and Ko L</th> <th>au Wan F</th> <th>Public Pie</th> <th>rs</th> <th></th> <th>Client:</th> <th>Kin Shing</th> <th>Construc</th> <th>tion Co., I</th> <th>_td.</th> <th></th> <th>Job No.:</th> <th>J429</th> <th>-</th> <th></th> <th></th>	Project:	Contract N	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co., I	_td.		Job No.:	J429	-		
Image     Image   <	Date of	Sampling:	3/10/2005		v	Veather C	Condition:	Sunny				Ambie	ent Temper	ature,⁰C:	28			Fide State:	Mid-Floo	d			
	Station	Time																A	Suspend	led Solids		Remarks	
			Condition	Deptn, m	Deptn,m	а	D	а	D	Average	а	D	Average	а	D	а	D	Average					
M M M       M M <th< td=""><td>MK1 S</td><td>17:10</td><td></td><td></td><td>1</td><td>29.4</td><td>29.4</td><td>6.55</td><td>6.57</td><td>6 15</td><td>91.1</td><td>91.8</td><td>87.5</td><td>31.1</td><td>31.2</td><td>0.74</td><td>0.73</td><td></td><td>7.7</td><td>7.7</td><td></td><td></td></th<>	MK1 S	17:10			1	29.4	29.4	6.55	6.57	6 15	91.1	91.8	87.5	31.1	31.2	0.74	0.73		7.7	7.7			
NormNo	MK1 M	17:11		7	3.5	28.3	28.4	5.75	5.74	0.10	83.5	83.4	07.5	32.7	32.9	1.31	1.30	1.43	11.0	8.3	11.0		
image       image <t< td=""><td>MK1 B</td><td>17:13</td><td></td><td></td><td>6</td><td>25.7</td><td>25.7</td><td>4.25</td><td>4.23</td><td>4.24</td><td>70.7</td><td>70.5</td><td>70.6</td><td>33.2</td><td>33.4</td><td>2.26</td><td>2.25</td><td></td><td>16.0</td><td>15.0</td><td></td><td></td></t<>	MK1 B	17:13			6	25.7	25.7	4.25	4.23	4.24	70.7	70.5	70.6	33.2	33.4	2.26	2.25		16.0	15.0			
Mach	MK2 S	17:25			1	28.2	28.3	4.73	4.72		75.2	75.1		31.0	31.2	1.34	1.33		6.0	9.0			
india       india <th< td=""><td>MK2 M</td><td>17:27</td><td></td><td>16</td><td>8</td><td>26.5</td><td>26.4</td><td>4.12</td><td>4.14</td><td>4.43</td><td>69.0</td><td>69.2</td><td>72.1</td><td>31.5</td><td>31.6</td><td>2.26</td><td>2.28</td><td>2.03</td><td>7.3</td><td>9.3</td><td>10.1</td><td></td></th<>	MK2 M	17:27		16	8	26.5	26.4	4.12	4.14	4.43	69.0	69.2	72.1	31.5	31.6	2.26	2.28	2.03	7.3	9.3	10.1		
	MK2 B	17:33			15	25.2	25.3	3.34	3.35	3.35	61.4	61.5	61.5	32.2	32.4	2.49	2.50		15.0	14.0			
		16:40				28.5					71.7	71.6		31.8		1.14							
Math				7						4.29			71.0					1 71			10.3		
No.0				,														1.71			10.0		
image       image <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.77</td><td></td><td></td><td>65.9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										3.77			65.9										
initial       initia       initial       initial	MK4 S	16:53			1	28.0	28.1	4.25	4.24	3.99	72.6	72.5	69.0	31.5	31.6	0.75	0.74		9.5	6.5			
i i i i i i i i i i i i i i i i i i i	MK4 M	16:55		15	7.5	26.7	26.8	3.74	3.73		65.4	65.3		32.1	32.4	1.49	1.46	1.53	7.3	8.3	7.8		
No.       N	MK4 B	17:01			14	25.9	26.0	3.31	3.28	3.30	61.1	60.9	61.0	32.7	32.8	2.35	2.37		8.3	6.7			
initial       initia       initial       initial	CK1 S	18:08			1	27.8	27.9	5.07	5.02	4.60	78.0	77.8	74.6	31.6	31.7	0.80	0.82		11.0	13.0			
col       i	CK1 M	18:10		17	8.5	26.2	26.1	4.35	4.32	4.09	71.3	71.2	74.0	32.0	32.2	1.17	1.16	1.26	15.0	13.0	11.9		
	CK1 B	18:17			16	25.7	25.6	3.82	3.81	3.82	67.2	67.1	67.2	33.2	33.3	1.79	1.80		10.0	9.3			
indicit       indit       indicit       indicit	CK2 S	18:25			1	27.3	27.2	5.75	5.73		82.6	82.4		30.5	30.7	1.29	1.27		6.3	8.3			
Equipart uses         Deschool Organity         Em         Bit         Bit </td <td>CK2 M</td> <td>18:27</td> <td></td> <td>16</td> <td>8</td> <td>26.8</td> <td>26.7</td> <td>4.56</td> <td>4.54</td> <td>5.15</td> <td>74.2</td> <td>74.1</td> <td>78.3</td> <td>31.9</td> <td>32.0</td> <td>1.34</td> <td>1.33</td> <td>1.62</td> <td>10.0</td> <td>14.0</td> <td>8.7</td> <td></td>	CK2 M	18:27		16	8	26.8	26.7	4.56	4.54	5.15	74.2	74.1	78.3	31.9	32.0	1.34	1.33	1.62	10.0	14.0	8.7		
Equipart uses         Deschool Organity         Em         Bit         Bit </td <td>CK2 B</td> <td>18:33</td> <td></td> <td></td> <td>15</td> <td>25.5</td> <td>25.6</td> <td>4.32</td> <td>4.31</td> <td>4.32</td> <td>70.7</td> <td>70.8</td> <td>70.8</td> <td>32.8</td> <td>33.0</td> <td>2.25</td> <td>2.26</td> <td></td> <td>6.3</td> <td>7.3</td> <td></td> <td></td>	CK2 B	18:33			15	25.5	25.6	4.32	4.31	4.32	70.7	70.8	70.8	32.8	33.0	2.25	2.26		6.3	7.3			
Index     End     M     <							1										1						
	Equipmen	it 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:		9.8	NTU					Checked I	By:	Raymon	d Dai		
			Salinity Meter	r:		EM	6167		Calibrat	ion Check:		35.4	ppt					Date:		10/10/20	005		
tend dom100000memorymemorymemorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememoryme																							
tend dom100000memorymemorymemorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememorymememoryme			Thermomete	r:		EM	6167																
Same         Overal         Sample         Temperature         Depter			Thermomete	r:		EM	6167																
Image: condime     Deption     Deption     Deption     R<	Project:	Contract N						au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co., L	_td.		Job No.:	J429	<u>.</u>			
Image         Image <th< td=""><td></td><td></td><td>No. CV/2004/0</td><td>2 Reconst</td><td>ruction of Wo</td><td>ong Shek</td><td>and Ko L</td><td></td><td>Public Pie</td><td>rs</td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td>-</td><td></td><td></td></th<>			No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L		Public Pie	rs							•			-			
MKIM         11/2         6         3         27.8         27.7         6.3         5.8         5.6         11.8         3.0         30.6         30.6         1.0         1.2         1.0<	Date of	Sampling:	No. CV/2004/0 3/10/2005 Sea	2 Reconst	ruction of Wo	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,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb			Remarks	
MK B       11:28       M       5       27.2       27.1       4.50       4.50       4.50       7.0       7.2       7.0       8.3       7.7       8.3       9.3       <	Date of	Sampling:	No. CV/2004/0 3/10/2005 Sea	2 Reconst	ruction of Wo	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,	28 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks	
MR2 s       11.39       M       1       29       28       4.33       4.92       4.68       76.       76.       76.       31.4       31.5       1.05       1.07       1.00       10.0<	Date of Station	Sampling: Time	No. CV/2004/0 3/10/2005 Sea	2 Reconst	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko L Condition: ature, <sup>o</sup> C b	Sunny Dissolve a	d Oxygen b	, mg/L Average	Dissolve	Ambie d Oxygen b	ent Temper , % Average	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	led Solids	Depth	Remarks	
MK2 M         11:4         15         7.5         27.0         27.2         4.45         4.69         72.6         72.6         72.6         32.1         32.2         2.12         2.14         10.0	Date of Station MK1 S	Sampling: Time 11:26	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m	Sampling Depth,m	Veather C Tempera a 29.5	and Ko L Condition: ature, <sup>o</sup> C b 29.4	Sunny Dissolve a 6.00	d Oxygen b 5.99	, mg/L Average	Dissolve a 85.2	Ambie d Oxygen b 85.1	ent Temper , % Average	ature,°C: Salinity, a 31.2	28 ppt b 31.1	Turbidity a 1.70	, NTU b 1.72	Fide State: Average	Mid-Ebb Suspend 12.0	9.0	Depth Average	Remarks	
MK2 M         1141         15         7.5         27.0         27.2         4.45         4.3         7.6           MK3 10.55         10.57         26.5         26.4         4.41         4.40         4.1         7.1         7.2         7.2         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7         7.7	Date of Station MK1 S MK1 M	Sampling: Time 11:26 11:26	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m	V Sampling Depth,m	Veather C Tempera a 29.5 27.8	and Ko L Condition: ature, °C b 29.4 27.7	Sunny Dissolve a 6.00 5.34	d Oxygen b 5.99 5.32	, mg/L Average 5.66	Dissolve a 85.2 81.4	Ambie d Oxygen b 85.1 81.3	ent Temper , % Average 83.3	ature,°C: Salinity, a 31.2 30.5	28 ppt b 31.1 30.6	Turbidity a 1.70 1.91	, NTU b 1.72 1.92	Fide State: Average	Mid-Ebb Suspend 12.0 12.0	9.0 12.0	Depth Average	Remarks	
MK3 S       10:55       1       29.2       29.1       5.29       5.25       5.17       80.9       80.4       7.8       30.9       31.0       0.96       0.97       5.4       7.0       9.0       7.0       7.0       9.0       7.0       7.0       9.0 <td>Date of Station MK1 S MK1 M MK1 B</td> <td>Sampling:           Time           11:26           11:26           11:28</td> <td>No. CV/2004/0 3/10/2005 Sea</td> <td>2 Reconst Overall Depth, m</td> <td>V Sampling Depth,m 1 3 5</td> <td>Veather C Tempera a 29.5 27.8 27.2</td> <td>and Ko L Condition: ature, <sup>a</sup>C b 29.4 27.7 27.1</td> <td>Sunny Dissolve a 6.00 5.34 4.50</td> <td>d Oxygen b 5.99 5.32 4.52</td> <td>, mg/L Average 5.66 4.51</td> <td>Dissolve a 85.2 81.4 73.0</td> <td>Ambie d Oxygen b 85.1 81.3 73.2</td> <td>Average 83.3 73.1</td> <td>ature,°C: Salinity, a 31.2 30.5 32.7</td> <td>28 ppt b 31.1 30.6 32.6</td> <td>Turbidity a 1.70 1.91 2.39</td> <td>NTU b 1.72 1.92 2.40</td> <td>Fide State: Average</td> <td>Mid-Ebb Suspend 12.0 12.0 7.7</td> <td>9.0 12.0 8.3</td> <td>Depth Average</td> <td>Remarks</td>	Date of Station MK1 S MK1 M MK1 B	Sampling:           Time           11:26           11:26           11:28	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 29.5 27.8 27.2	and Ko L Condition: ature, <sup>a</sup> C b 29.4 27.7 27.1	Sunny Dissolve a 6.00 5.34 4.50	d Oxygen b 5.99 5.32 4.52	, mg/L Average 5.66 4.51	Dissolve a 85.2 81.4 73.0	Ambie d Oxygen b 85.1 81.3 73.2	Average 83.3 73.1	ature,°C: Salinity, a 31.2 30.5 32.7	28 ppt b 31.1 30.6 32.6	Turbidity a 1.70 1.91 2.39	NTU b 1.72 1.92 2.40	Fide State: Average	Mid-Ebb Suspend 12.0 12.0 7.7	9.0 12.0 8.3	Depth Average	Remarks	
MK3 M       10:55       6       3       28.7       28.6       4.75       4.74       5.01       75.4       75.3       78.0       32.6       33.7       1.41       1.42       7.0       9.0       7.9         MK3 B       10:57       6.5       26.5       26.4       4.41       4.40       4.41       72.1       72.0       72.1       32.2       32.4       2.23       2.25       2.6       6.3       9.3       9.3         MK4 S       11:10       14       7.0       9.0       7.9       83.3       83.4       7.5       7.5       7.6       9.0       7.9       6.3       9.3       9.0       7.9         MK4 S       11:10       14       7.0       9.0       3.04       5.82       5.80       5.26       75.1       75.2       75.1       75.2       1.00       1.	Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 11:26 11:26 11:28 11:39	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 29.5 27.8 27.2 29.9	and Ko L Condition: ature, <sup>°</sup> C b 29.4 27.7 27.1 29.8	Sunny           Dissolve           a           6.00           5.34           4.50           4.93	d Oxygen b 5.99 5.32 4.52 4.92	, mg/L Average 5.66 4.51	Dissolve a 85.2 81.4 73.0 78.3	Ambie d Oxygen b 85.1 81.3 73.2 78.2	Average 83.3 73.1	ature, °C: Salinity, a 31.2 30.5 32.7 31.4	28 ppt b 31.1 30.6 32.6 31.5	Turbidity a 1.70 1.91 2.39 1.05	NTU b 1.72 1.92 2.40 1.07	Fide State: Average 2.01	Mid-Ebb Suspend 12.0 12.0 7.7 17.0	9.0 9.0 12.0 8.3 13.0	Depth Average 10.2	Remarks	
MK3M       10:55       6       3       28.7       28.6       4.75       4.74       75.4       75.4       75.3       32.6       33.7       1.41       1.42       1.54       70       9.0       7.9         MK3B       10:57       5       26.5       26.4       4.41       4.40       4.41       72.1       72.0       72.1       32.2       32.4       22.3       2.25       7.9       6.3       9.3         MK4 S       11:10       14       70       27.8       27.7       4.71       4.72       72.0       72.1       32.2       32.4       2.23       2.15       8.3       9.0       7.9         MK4 M       11:12       14       70       27.8       27.7       4.71       4.72       72.0       72.1       72.6       72.7       73.7       74.7       74.7       75.9       75.7 <t< td=""><td>Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M</td><td>Sampling: Time 11:26 11:26 11:28 11:39 11:41</td><td>No. CV/2004/0 3/10/2005 Sea</td><td>2 Reconst Overall Depth, m 6</td><td>V Sampling Depth,m 1 3 5 1 7.5</td><td>Tempera           29.5           27.8           27.2           29.9           27.0</td><td>and Ko L condition: ature, <sup>o</sup>C b 29.4 27.7 27.1 29.8 27.2</td><td>Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45</td><td>d Oxygen b 5.99 5.32 4.52 4.92 4.43</td><td>, mg/L Average 5.66 4.51 4.68</td><td>Dissolve a 85.2 81.4 73.0 78.3 72.6</td><td>Ambie d Oxygen b 85.1 81.3 73.2 78.2 72.5</td><td>ent Temper- , % Average 83.3 73.1 75.4</td><td>ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1</td><td>28 ppt b 31.1 30.6 32.6 31.5 32.2</td><td>Turbidity a 1.70 1.91 2.39 1.05 2.12</td><td>NTU b 1.72 1.92 2.40 1.07 2.14</td><td>Fide State: Average 2.01</td><td>Mid-Ebb Suspend 12.0 12.0 7.7 17.0 10.0</td><td>9.0 9.0 12.0 8.3 13.0 10.0</td><td>Depth Average 10.2</td><td>Remarks</td></t<>	Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 11:26 11:26 11:28 11:39 11:41	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5	Tempera           29.5           27.8           27.2           29.9           27.0	and Ko L condition: ature, <sup>o</sup> C b 29.4 27.7 27.1 29.8 27.2	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45	d Oxygen b 5.99 5.32 4.52 4.92 4.43	, mg/L Average 5.66 4.51 4.68	Dissolve a 85.2 81.4 73.0 78.3 72.6	Ambie d Oxygen b 85.1 81.3 73.2 78.2 72.5	ent Temper- , % Average 83.3 73.1 75.4	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1	28 ppt b 31.1 30.6 32.6 31.5 32.2	Turbidity a 1.70 1.91 2.39 1.05 2.12	NTU b 1.72 1.92 2.40 1.07 2.14	Fide State: Average 2.01	Mid-Ebb Suspend 12.0 12.0 7.7 17.0 10.0	9.0 9.0 12.0 8.3 13.0 10.0	Depth Average 10.2	Remarks	
MK4 S       11:10       1       30.3       30.4       5.82       5.80 $5.26$ $83.3$ $83.4$ $79.3$ $30.5$ $30.6$ $1.52$ $1.53$ $1.79$ $a.3$ $9.0$ $a.3$ <	Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	Tempera           29.5           27.8           29.9           27.2           29.9           27.0           26.8	and Ko L Condition: ature, <sup>o</sup> C b 29.4 27.7 27.1 29.8 27.2 26.7	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94	d Oxygen b 5.99 5.32 4.52 4.92 4.43 3.95	, mg/L Average 5.66 4.51 4.68	Dissolve a 85.2 81.4 73.0 78.3 72.6 67.3	Ambie d Oxygen b 85.1 81.3 73.2 78.2 72.5 67.4	ent Temper- , % Average 83.3 73.1 75.4	ature,°C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2	28 ppt b 31.1 30.6 32.6 31.5 32.2 33.1	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38	NTU b 1.72 1.92 2.40 1.07 2.14 2.40	Fide State: Average 2.01	Mid-Ebb Suspend 12.0 12.0 7.7 17.0 10.0 13.0	9.0 12.0 8.3 13.0 10.0 12.0	Depth Average 10.2	Remarks	
MK4 S       11:10       1       30.3       30.4       5.82       5.80 $5.26$ $83.3$ $83.4$ $79.3$ $30.5$ $30.6$ $1.52$ $1.53$ $1.79$ $a.3$ $9.0$ $a.3$ <	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S	Sampling: Time 11:26 11:26 11:28 11:39 11:41 11:47 10:55	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1	Tempera           29.5           27.8           27.2           29.9           27.0           26.8           29.2	and Ko L Condition: ature, "C b 29.4 27.7 27.1 29.8 27.2 26.7 29.1	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29	d Oxygen b 5.99 5.32 4.52 4.92 4.43 3.95 5.25	, mg/L Average 5.66 4.51 4.68 3.95	Dissolve a 85.2 81.4 73.0 78.3 72.6 67.3 80.9	Ambie b 85.1 81.3 73.2 78.2 72.5 67.4 80.4	ent Temper , % Average 83.3 73.1 75.4 67.4	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2 30.9	28 ppt b 31.1 30.6 32.6 31.5 32.2 33.1 31.0	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96	. NTU b 1.72 1.92 2.40 1.07 2.14 2.40 0.97	Tide State: Average 2.01 1.86	Mid-Ebb Suspend 12.0 12.0 7.7 17.0 10.0 13.0 9.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0	Depth Average 10.2 12.5	Remarks	
MK4 M         11:12         14         7         27.8         27.7         4.71         4.72         5.26         75.1         75.2         79.3         31.0         31.2         1.69         1.70         12.0         14.0         10.6           MK4 B         11:17         13         26.4         26.5         3.69         3.70         3.70         64.9         64.7         64.8         32.2         32.3         2.14         2.15         10.0<	Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 11:26 11:26 11:28 11:39 11:41 11:47 10:55 10:55	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15	V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3	Tempera           29.5           27.8           27.2           29.9           27.2           29.9           27.2           29.9           27.2           29.9           27.2           29.9           27.0           26.8           29.2           28.7	and Ko L condition: ature, °C b 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29           4.75	d Oxygen b 5.99 5.32 4.52 4.92 4.43 3.95 5.25 4.74	, mg/L Average 5.66 4.51 4.68 3.95 5.01	Dissolve a 85.2 81.4 73.0 78.3 72.6 67.3 80.9 75.4	Ambie b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3	ent Temper , % Average 83.3 73.1 75.4 67.4 78.0	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6	28 ppt b 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41	NTU b 1.72 1.92 2.40 1.07 2.14 2.40 0.97 1.42	Tide State: Average 2.01 1.86	Mid-Ebb Suspend 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0	Depth Average 10.2 12.5	Remarks	
MK4 B       11::17       Image: Constraint of the term of te	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B	Sampling: Time 11:26 11:26 11:28 11:39 11:41 11:47 10:55 10:55 10:57	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15	V           Sampling Depth,m           1           3           5           1           7.5           14           3           5	Shek           Veather C           Tempera           29.5           27.8           27.2           29.9           27.0           26.8           29.2           28.7           26.5	and Ko L condition: 1ture, 'C b 29.4 27.7 27.1 29.8 27.2 28.6 26.7 28.6 26.4	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29           4.75           4.41	d Oxygen b 5.99 5.32 4.52 4.92 4.43 3.95 5.25 4.74 4.40	, mg/L Average 5.66 4.51 4.68 3.95 5.01	Dissolve a 85.2 81.4 73.0 78.3 72.6 67.3 80.9 75.4 72.1	Ambie d Oxygen b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0	ent Temper , % Average 83.3 73.1 75.4 67.4 78.0	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1 30.9 32.6 32.2	28 ppt b 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23	NTU b 1.72 1.92 2.40 1.07 2.14 2.40 0.97 1.42 2.25	Tide State: Average 2.01 1.86	Mid-Ebb Suspend 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3	Depth Average 10.2 12.5	Remarks	
CK1 S       11:53       1       29.6       29.5       5.96       5.96       5.96       5.96       5.96       5.96       78.4       80.4       80.6       0.92       0.91       7.3       9.3       9.1         CK1 M       11:55       16       8       26.5       26.4       4.46       4.45       72.5       72.4       78.4       31.7       31.9       2.05       2.05       1.93       12.0       7.0       9.1         CK1 B       12:01       15       25.9       25.8       3.59       3.58       3.59       63.7       63.6       63.7       32.5       32.6       2.81       2.83       9.7       9.0       9.1         CK2 S       12:13       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       77.4       30.2       30.3       1.42       1.40       9.7       9.0       9.1         CK2 B       12:21       15       7.5       26.7       26.6       4.36       4.32       71.3       71.3       77.4       30.2       30.3       1.42       1.40       1.81       11.0       8.3       8.7         CK2 B       12:21       14       27.5 <td< td=""><td>Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B</td><td>Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:55 10:57 11:10</td><td>No. CV/2004/0 3/10/2005 Sea</td><td>2 Reconst Overall Depth, m 6 15 6</td><td>V           Sampling           Depth,m           1           3           5           1           7.5           14           3           5           1           3           5           14           1           3           5           1</td><td>ng Shek Veather C 28.5 27.8 27.2 28.9 27.0 26.8 29.2 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28</td><td>and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4</td><td>Sunny Dissolve a 6.00 5.34 4.50 4.50 4.45 3.94 4.45 5.29 4.75 4.41 5.82</td><td>d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80</td><td>. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41</td><td>Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3</td><td>Ambie 10xygen 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4</td><td>Average           83.3           73.1           75.4           67.4           78.0           72.1</td><td>ature,°C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5</td><td>28 291 b 31.1 30.6 32.6 32.6 32.2 33.1 31.0 33.7 32.4 30.6</td><td>Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52</td><td>NTU         b           1.72         1.92           2.40         1.07           2.14         2.40           0.97         1.42           2.25         1.53</td><td>Tide State: Average 2.01 1.86 1.54</td><td>Mid-Ebb Suspenc 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3</td><td>9.0 12.0 8.3 13.0 12.0 12.0 12.0 9.0 9.0 9.3 9.0</td><td>Depth Average 10.2 12.5 7.9</td><td>Remarks</td></td<>	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK3 B	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:55 10:57 11:10	No. CV/2004/0 3/10/2005 Sea	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	ng Shek Veather C 28.5 27.8 27.2 28.9 27.0 26.8 29.2 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4	Sunny Dissolve a 6.00 5.34 4.50 4.50 4.45 3.94 4.45 5.29 4.75 4.41 5.82	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3	Ambie 10xygen 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4	Average           83.3           73.1           75.4           67.4           78.0           72.1	ature,°C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5	28 291 b 31.1 30.6 32.6 32.6 32.2 33.1 31.0 33.7 32.4 30.6	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52	NTU         b           1.72         1.92           2.40         1.07           2.14         2.40           0.97         1.42           2.25         1.53	Tide State: Average 2.01 1.86 1.54	Mid-Ebb Suspenc 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3	9.0 12.0 8.3 13.0 12.0 12.0 12.0 9.0 9.0 9.3 9.0	Depth Average 10.2 12.5 7.9	Remarks	
CK1 M       11:55       16       8       26.5       26.4       4.46       4.45       5.21       72.5       72.4       78.4       31.7       31.9       2.05       2.05       1.93       12.0       7.0       9.1         CK1 B       12:01       15       25.9       25.8       3.59       3.58       3.59       63.7       63.6       63.7       32.5       32.6       2.81       2.83       9.7       9.1         CK2 S       12:13       15       25.7       26.6       4.36       4.32       71.5       71.3       77.4       30.2       30.3       1.42       1.40       9.1       9.1         CK2 M       12:13       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       77.4       30.8       30.9       1.79       1.80       1.81       11.0       8.3       8.7         CK2 M       12:13       14       27.5       27.4       3.39       3.36       3.38       61.7       61.4       61.6       32.3       32.5       2.22       2.25       11.0       8.3       8.7         CK2 B       12:21       Disolved Oxygen Meter       EM       6167       Calibration Check	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 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:55 10:57 11:10 11:12	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6	ruction of Wc           V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 26.5 30.3 27.8	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29           4.75           5.82           4.41	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26	Dissolve           a           85.2           81.4           73.0           72.6           67.3           80.9           75.4           72.1           83.3           75.1	Ambie 10xygen b 85.1 81.3 73.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3	ature,°C: <u>Salinity</u> , a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70	Tide State: Average 2.01 1.86 1.54	Mid-Ebb Suspence 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3 12.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3 9.0 14.0	Depth Average 10.2 12.5 7.9	Remarks	
CK1 M       11:55       16       8       26.5       26.4       4.46       4.45       72.5       72.4       31.7       31.9       2.05       2.05       1.93       12.0       7.0       9.1         CK1 M       11:55       15       25.9       25.8       3.59       3.58       3.59       63.7       63.6       63.7       32.5       32.6       2.81       2.83       9.7       9.0         CK2 S       12:13       15       7.5       26.7       26.6       4.36       4.32       5.10       83.4       83.3       77.4       30.2       30.3       1.42       1.40       4.7       5.0       8.7         CK2 M       12:13       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       77.4       30.8       30.9       1.79       1.80       1.81       1.10       8.3       8.7         CK2 M       12:21       14       27.5       27.4       3.39       3.36       3.38       61.7       61.4       61.6       32.3       3.25       2.22       2.25       11.0       12.0       7.0       9.1         CK2 B       12:21       14       27.5       27.4	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:55 10:57 11:10 11:12	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6	ruction of Wc           V           Sampling           Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 26.5 30.3 27.8	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29           4.75           5.82           4.41	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26	Dissolve           a           85.2           81.4           73.0           72.6           67.3           80.9           75.4           72.1           83.3           75.1	Ambie 10xygen b 85.1 81.3 73.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3	ature,°C: <u>Salinity</u> , a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70	Tide State: Average 2.01 1.86 1.54	Mid-Ebb Suspence 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3 12.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3 9.0 14.0	Depth Average 10.2 12.5 7.9	Remarks	
CK2 S       12:13       1       29.2       29.1       5.86       5.85       5.10       83.4       83.3       77.4       30.2       30.3       1.42       1.40       4.7       5.0         CK2 M       12:15       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       71.4       30.8       30.9       1.79       1.80       1.81       11.0       8.3       8.7         CK2 B       12:21       14       27.5       27.4       3.39       3.36       3.38       61.7       61.4       61.6       32.3       3.25       2.22       2.25       11.0       12.0         Equipment used:       Dissolved Oxygen Meter:       EM       6167       Calibration Check:       100       100%:       Sampled By:       Pong	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S MK4 M	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:12	No. CV/2004/0 3/10/2005 Sea	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	ng Shek Veather C Tempere 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 28.7 28.7 30.3 27.8 26.4	and Ko L Condition: 100 - 29.4 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7 28.6 26.4	Sunny Dissolve a 6.00 5.34 4.50 4.93 4.45 3.94 5.29 4.75 4.41 5.82 4.71 3.69	d Oxygen b 5.99 5.32 4.52 4.92 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9	Ambie 10xygen b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1 32.1 32.2 30.9 32.6 32.2 30.5 31.0 32.2	28 popt 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69 2.14	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70 2.15	Tide State: Average 2.01 1.86 1.54	Mid-Ebb Suspenc 12.0 12.0 12.0 12.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3 9.0 14.0 10.0	Depth Average 10.2 12.5 7.9	Remarks	
CK2 M       12:15       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       77.4       30.8       30.9       1.79       1.80       11.0       8.3       8.7         CK2 B       12:21       14       27.5       27.4       3.39       3.36       3.38       61.7       61.4       61.6       32.3       32.5       2.22       2.25       11.0       8.3       8.7         Equipment used:       Dissolved Oxygen Meter:       EM       6167       Calibration Check:       100       100%:       Sampled By:       Pong	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 11:26 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:17 11:53	No. CV/2004/0 3/10/2005 Sea	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	ng Shek Veather C 28.5 27.8 27.2 28.9 27.0 26.8 29.2 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7 28.5 29.5	Sunny           Dissolve           a           6.00           5.34           4.50           4.93           4.45           3.94           5.29           4.75           4.41           5.82           4.71           3.69           5.96	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70 5.98	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9           84.2	Ambie d Oxygen b 85.1 73.2 78.2 78.2 78.2 78.2 66.4 75.3 72.0 83.4 75.2 64.7 84.5	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8	ature,°C: Salinity, a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0 32.2 30.5 31.0 32.2 30.4	28 pppt 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69 2.14 0.92	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70 2.15 0.91	Tide State: Average 2.01 1.86 1.54 1.79	Mid-Ebb Suspenc 12.0 7.7 17.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0 7.3	9,0 12,0 8,3 13,0 10,0 12,0 7,0 9,0 9,3 9,0 14,0 10,0 9,3	Depth Average 10.2 12.5 7.9 10.6	Remarks	
CK2 M       12:15       15       7.5       26.7       26.6       4.36       4.32       71.5       71.3       30.8       30.9       1.79       1.80       1.81       11.0       8.3       8.7         CK2 B       12:21       14       27.5       27.4       3.39       3.36       3.38       61.7       61.4       61.6       32.3       32.5       2.22       2.25       11.0       12.0         Equipment used:       Dissolved Oxygen Meter:       EM       6167       Calibration Check:       100       100%:       Sampled B::       Pong	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	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:55 10:57 11:10 11:12 11:17 11:53 11:55	No. CV/2004/0 3/10/2005 Sea	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 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 26.5 30.3 27.8 26.4 29.6 26.5	and Ko L condition: 29.4 27.7 27.1 28.8 27.2 26.7 28.6 26.4 30.4 27.7 28.5 26.5 26.4	Sunny Dissolve a 6.00 5.34 4.50 4.45 3.94 4.45 5.29 4.75 4.41 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.71	d Oxygen           b           5.39           5.32           4.52           4.43           3.95           5.25           4.74           4.40           5.80           4.72           3.70           5.98           4.45	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9           84.2           72.5	Ambie d Oxygen b 85.1 81.3 73.2 78.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 84.5 72.4	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8           78.4	ature,°C: <u>Salinity,</u> a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0 32.2 80.4 31.7	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69 2.14 0.92 2.05	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70 2.15 0.91 2.05	Tide State: Average 2.01 1.86 1.54 1.79	Mid-Ebb Suspenc 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0 7.3 12.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.0 9.0 14.0 10.0 9.3 7.0	Depth Average 10.2 12.5 7.9 10.6	Remarks	
Equipment used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: Pong	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B	Sampling: Time 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:17 11:53 11:55 12:01	No. CV/2004/0 3/10/2005 Sea	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	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 28.7 26.5 30.3 27.8 26.4 29.6 26.5 26.5	and Ko L condition: 1000 29.4 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7 28.5 26.4 29.5 26.4 25.8	Sunny Dissolve a 6.00 5.34 4.50 4.93 4.45 3.94 5.29 4.75 4.41 5.82 4.71 3.69 5.96 4.46 3.59	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70 5.98 4.45 3.58	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21 3.59	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           75.1           64.9           84.2           72.5           63.7	Ambie 1 Oxygen b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 84.5 72.4 63.6	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8           78.4           63.7	ature,°C: <u>Salinity</u> , a 31.2 30.5 32.7 31.4 32.1 32.1 32.6 32.2 30.9 32.6 31.0 32.2 80.4 31.7 32.5	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9 32.6 31.9 32.6	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 1.69 2.14 0.92 2.14 0.92 2.81	NTU b 1.72 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70 2.15 0.91 2.05 2.83	Tide State: Average 2.01 1.86 1.54 1.79	Mid-Ebb Suspenc 12.0 12.0 12.0 12.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0 7.3 12.0 9.7	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3 9.0 14.0 10.0 9.3 7.0 9.0	Depth Average 10.2 12.5 7.9 10.6	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 S CK1 B CK2 S	Sampling: Time 11:26 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:17 11:53 11:55 12:01 12:13	No. CV/2004/0 3/10/2005 Sea	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	ng Shek Veather C 29.5 27.8 27.2 28.9 27.0 28.8 29.2 28.7 26.5 30.3 27.8 26.4 29.6 26.5 25.9 29.2	and Ko L Condition: 29.4 27.7 27.1 29.8 27.2 26.7 28.6 26.4 20.4 27.7 26.5 26.4 26.5 26.4 25.8 29.1	Sunny Dissolve a 6.00 5.34 4.50 4.45 3.94 4.45 4.45 4.41 5.29 4.41 5.82 4.41 3.69 5.96 4.46 3.59 5.86	d Oxyger b 5.99 5.32 4.52 4.43 3.95 5.25 4.43 5.25 4.43 5.25 4.74 4.40 5.80 4.72 3.70 5.98 4.45 3.58	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21 3.59	Dissolve a 85.2 81.4 73.0 78.3 72.6 67.3 80.9 75.4 72.1 83.3 75.1 64.9 84.2 72.5 63.7 72.5 63.7	Ambie 10xygen b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 72.4 63.6 83.3	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8           78.4           63.7	ature, °C: Salinity, a 31.2 30.5 32.7 31.4 32.1 32.1 32.2 30.9 32.6 32.2 30.5 31.0 32.2 80.4 31.7 32.5 30.2	28 29 31.1 30.6 32.2 33.1 31.0 32.2 33.1 31.0 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9 32.6 30.3	Turbidity           a           1.70           1.91           2.39           1.05           2.12           2.38           0.96           1.41           2.23           1.52           1.69           2.14           0.92           2.05           2.81           1.42	NTU b 1.72 2.40 1.92 2.40 1.07 2.14 2.40 0.97 1.42 2.25 1.53 1.70 2.15 0.91 2.05 2.83 1.40	Fide State: Average 2.01 1.86 1.54 1.79 1.93	Mid-Ebb Suspenc 12.0 12.0 12.0 12.0 12.0 10.0 6.3 8.3 12.0 10.0 7.3 12.0 9.7 4.7	9,0 12.0 8.3 13.0 10.0 12.0 7.0 9,0 9,3 9,0 14.0 10.0 9,3 7,0 9,0 5,0	Depth Average 10.2 12.5 7.9 10.6 9.1	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 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:17 11:53 11:55 12:01 12:13 12:15	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6 14 16	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           8           15           1           7.5	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 26.5 30.3 27.8 26.5 26.4 26.5 26.5 26.5 26.5 26.5	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 20.4 20.4 20.4 20.5 26.5 26.4 25.8 26.4 25.8 26.4 25.8	Sunny Dissolve a 6.00 5.34 4.50 4.45 3.94 5.29 4.75 4.41 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.46 5.96 4.46 3.59 5.86 4.46 4.46 5.82 4.45 5.82 5.96 4.46 5.84 5.82 5.96 5.96 5.86	d Oxygen b 5.39 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70 5.98 4.45 5.98 4.45 3.58 5.85 5.85	, mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21 3.59 5.10	Dissolve           a           85.2           81.4           73.0           78.3           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9           84.2           72.5           63.7           83.4           71.5	Ambie 1 0xygen b 85.1 73.2 78.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 84.5 72.4 63.6 83.3 71.3	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8           78.4           63.7           77.4	ature,°C: <u>Salinity,</u> a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0 32.2 80.4 31.7 32.5 30.2 30.8	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9 32.6 30.9	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 2.14 0.92 2.05 2.81 1.42 1.79	NTU           b           1.72           1.92           2.40           1.07           2.14           2.40           0.97           1.42           2.25           1.53           1.70           2.15           0.91           2.05           2.83           1.40	Fide State: Average 2.01 1.86 1.54 1.79 1.93	Mid-Ebb Suspenc 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0 7.3 12.0 9.7 12.0 9.7 4.7 11.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.0 9.0 14.0 10.0 9.3 7.0 9.3 7.0 9.0 5.0 8.3	Depth Average 10.2 12.5 7.9 10.6 9.1	Remarks	
Turbidity Meter:     EM     2365     Calibration Check:     9.8     NTU     Checked By:     Raymond Dai	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 11:26 11:28 11:28 11:39 11:41 11:47 10:55 10:55 10:57 11:10 11:12 11:17 11:53 11:55 12:01 12:13 12:15	No. CV/2004/0 3/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6 14 16	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           8           15           1           7.5	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 26.5 30.3 27.8 26.5 26.4 26.5 26.5 26.5 26.5 26.5	and Ko L condition: 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 20.4 20.4 20.4 20.5 26.5 26.4 25.8 26.4 25.8 26.4 25.8	Sunny Dissolve a 6.00 5.34 4.50 4.45 3.94 5.29 4.75 4.41 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.71 5.82 4.46 5.96 4.46 3.59 5.86 4.46 3.59	d Oxygen b 5.39 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70 5.98 4.45 5.98 4.45 3.58 5.85 5.85	, mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21 3.59 5.10	Dissolve           a           85.2           81.4           73.0           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9           84.2           72.5           63.7           83.4           71.5	Ambie 1 0xygen b 85.1 73.2 78.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 84.5 72.4 63.6 83.3 71.3	Average           83.3           73.1           75.4           67.4           78.0           72.1           79.3           64.8           78.4           63.7           77.4	ature,°C: <u>Salinity,</u> a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0 32.2 80.4 31.7 32.5 30.2 30.8	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9 32.6 30.9	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 2.14 0.92 2.05 2.81 1.42 1.79	NTU           b           1.72           1.92           2.40           1.07           2.14           2.40           0.97           1.42           2.25           1.53           1.70           2.15           0.91           2.05           2.83           1.40	Fide State: Average 2.01 1.86 1.54 1.79 1.93	Mid-Ebb Suspenc 12.0 12.0 7.7 17.0 10.0 13.0 9.0 7.0 6.3 8.3 12.0 10.0 7.3 12.0 9.7 12.0 9.7 4.7 11.0	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.0 9.0 14.0 10.0 9.3 7.0 9.3 7.0 9.0 5.0 8.3	Depth Average 10.2 12.5 7.9 10.6 9.1	Remarks	
	Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M CK2 B	Sampling: Time 111:26 111:28 111:28 111:29 111:41 111:47 10:55 10:55 10:55 10:57 111:10 111:12 111:17 111:53 112:13 12:15 12:21	No. CV/2004/0	2 Reconst Overall Depth, m 6 15 6 14 16 15	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           8           15           1           7.5           14	ng Shek Veather C 29.5 27.8 27.2 29.9 27.0 26.8 29.2 28.7 28.7 26.5 30.3 27.8 26.4 29.6 26.5 25.9 29.2 26.4 25.9 29.2 26.7 29.2 26.7 27.5	and Ko L condition: 10.00 29.4 27.7 27.1 29.8 27.2 26.7 29.1 28.6 26.4 30.4 27.7 28.5 26.4 29.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 26.4 27.7 26.5 27.7 26.4 27.7 26.5 27.7 26.4 27.7 26.5 27.7 26.4 27.7 26.5 27.7 26.4 27.7 27.7 26.4 27.7 27.7 26.6 27.7 27.4	Sunny Dissolve a 6.00 5.34 4.50 4.93 4.45 3.94 4.45 5.29 4.75 4.41 5.82 4.71 3.69 5.86 4.46 3.59 5.86 4.46 3.59	d Oxygen b 5.99 5.32 4.52 4.43 3.95 5.25 4.74 4.40 5.80 4.72 3.70 5.98 4.45 3.58 4.45 3.58 5.85 4.32 3.36	. mg/L Average 5.66 4.51 4.68 3.95 5.01 4.41 5.26 3.70 5.21 3.59 5.10 3.38	Dissolve           a           85.2           81.4           73.0           72.6           67.3           80.9           75.4           72.1           83.3           75.1           64.9           84.2           72.5           63.7           83.4           71.5	Ambie 1 Oxygen b 85.1 81.3 73.2 78.2 72.5 67.4 80.4 75.3 72.0 83.4 75.2 64.7 84.5 72.4 63.6 83.3 71.3 61.4	Average 83.3 73.1 75.4 67.4 78.0 72.1 79.3 64.8 78.4 63.7 77.4 61.6	ature,°C: <u>Salinity,</u> a 31.2 30.5 32.7 31.4 32.1 33.2 30.9 32.6 32.2 30.5 31.0 32.2 80.4 31.7 32.5 30.2 30.8	28 31.1 30.6 32.6 31.5 32.2 33.1 31.0 33.7 32.4 30.6 31.2 32.3 80.6 31.9 32.6 30.9	Turbidity a 1.70 1.91 2.39 1.05 2.12 2.38 0.96 1.41 2.23 1.52 2.14 0.92 2.05 2.81 1.42 1.79	NTU           b           1.72           1.92           2.40           1.07           2.14           2.40           0.97           1.42           2.25           1.53           1.70           2.15           0.91           2.05           2.83           1.40	Fide State: Average 2.01 1.86 1.54 1.79 1.93 1.81	Mid-Ebb Suspenc 12.0 12.0 12.0 12.0 13.0 9.0 7.0 6.3 8.3 12.0 7.0 6.3 8.3 12.0 7.0 6.3 8.3 12.0 7.0 7.0 6.3 8.3 12.0 7.0 7.0 6.3 8.3 12.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	9.0 12.0 8.3 13.0 10.0 12.0 7.0 9.0 9.3 9.0 14.0 10.0 9.3 7.0 9.3 7.0 9.0 14.0 10.0 10.0 10.0 12.0 12.0 12.0 12.0 12.0 13.0 12.0 12.0 13.0 12.0 12.0 13.0 12.0 13.0 12.0 13.0 10.0 13.0 10.0 13.0 10.0	Depth Average 10.2 12.5 7.9 10.6 9.1	Remarks	

Salinity Meter: Thermometer: EM 6167 Calibration Check:

35.4 ppt

Date: 10/10/2005

EM 6167

ate of	Sampling:	5/10/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	32		ī	Fide State:	Mid-Flo	bd	_	
tion	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyger	n, mg/L	Dissolve			Salinity,		Turbidity			Suspen	ded Solid	ds, mg/L	Remarks
		Condition	Depth, m		а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
K1 S	17:44			1	28.2	28.1	5.57	5.58	5.40	83.4	83.5	70.0	30.5	30.4	1.25	1.26		10.0	13.0		
K1 M	17:45		7	3.5	26.9	26.8	4.64	4.62	5.10	74.2	74.0	78.8	31.6	31.5	1.91	1.88	1.85	11.0	10.0	12.2	
K1 B	17:47			6	26.7	26.8	4.39	4.38	4.39	71.7	71.6	71.7	32.2	32.1	2.42	2.40		17.0	12.0		
K2 S	17:58			1	28.2	28.1	5.80	5.80		86.8	86.7		31.0	31.2	1.74	1.76		9.7	11.0		
IK2 M	18:00		16	8	27.8	27.7	5.23	5.22	5.51	80.1	80.0	83.4	31.8	31.9	2.23	2.25	2.29	6.7	7.3	8.3	
1K2 B	18:06			15	26.5	26.4	4.66	4.65	4.66	74.4	74.3	74.4	32.4	32.6	2.87	2.88		8.3	6.7		
1K3 S	17:14			1	28.0	27.9	5.65	5.64		84.3	84.2		31.7	31.5	1.19	1.20		12.0	8.7		
ікз м	17:15		7	3.5	26.4	26.3	5.31	5.29	5.47	81.9	81.7	83.0	32.2	32.3	1.42	1.43	1.45	16.0	12.0	10.7	
IK3 B	17:17			6	25.9	25.8	4.64	4.63	4.64	73.2	73.1	73.2	32.5	32.6	1.73	1.74		7.3	8.3		
1K4 S	17:30			1	28.2	28.0	5.46	5.45		82.0	82.1		30.1	30.4	0.90	0.92		16.0	12.0	Ì	
IK4 M	17:32		15	7.5	27.5	27.3	4.60	4.59	5.03	74.8	74.7	78.4	32.4	32.4	1.26	1.27	1.17	7.0	10.0	9.3	
1K4 B	17:38			14	26.0	26.2	4.44	4.42	4.43	72.2	72.0	72.1	32.8	32.7	1.31	1.35		5.0	6.0		
CK1 S	18:15			1	28.2	28.1	5.53	5.51		83.1	83.0		30.6	30.5	0.75	0.76		11.0	13.0		
K1 M	18:17		17	8.5	27.9	27.8	4.87	4.86	5.19	76.5	76.4	79.8	31.8	31.9	1.34	1.35	1.42	9.7	9.0	11.0	
CK1 B	18:24			16	26.3	26.1	4.41	4.39	4.40	72.9	72.7	72.8	32.2	32.3	2.15	2.16		11.0	12.0	1	
CK2 S	18:22		<u>.</u>	1	28.6	28.4	5.64	5.62		84.2	84.1	1	31.0	31.2	1.46	1.50		8.7	6.7		1
СК2 М	18:24		16	8	27.5	27.4	5.32	5.30	5.47	81.0	80.8	82.5	32.5	32.6	1.92	1.93	1.88	6.0	9.7	8.6	
CK2 B	18:30			15	27.1	27.0	4.57	4.56	4.57	73.5	73.4	73.5	33.2	33.4	2.23	2.24		9.3	11.0	_	
											35	ppt									
		Thermomete No. CV/2004/ 5/10/2005	02 Recons					n Public	Piers		Client:	Kin Shing					Job No.: Fide State:		-		
Date of	Sampling:	No. CV/2004/ 5/10/2005	02 Recons	W	Vong She leather C	k and Ko	Sunny				Client: Ambie	Kin Shing	ature,°C:	32		1	Job No.: Fide State:	Mid-Ebb		- ts. ma/l	Remarks
Date of		No. CV/2004/	02 Recons		Vong She	k and Ko	Sunny			Dissolve a	Client: Ambie	Kin Shing		32		1		Mid-Ebb	- ded Solid	ds, mg/L Depth Average	Remarks
Date of ation	Sampling:	No. CV/2004/ 5/10/2005 Sea	02 Recons	W	Vong She leather C	k and Ko ondition: ature, °C	Sunny Dissolve	d Oxyger	n, mg/L Average	Dissolve	Client: Ambie d Oxyge	Kin Shing nt Tempera n, % Average	ature,°C: Salinity,	32 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb		Depth	Remarks
Date of	Sampling: Time	No. CV/2004/ 5/10/2005 Sea	02 Recons	W Sampling Depth,m	Vong She Veather C Tempera a	ek and Ko ondition: ature, °C b	Sunny Dissolve a	d Oxyger b	n, mg/L	Dissolve a	Client: Ambie d Oxyge b	Kin Shing nt Tempera	ature,°C: Salinity, a	32 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	ded Solid	Depth	Remarks
Date of ation MK1 S MK1 M	Sampling: Time 13:40	No. CV/2004/ 5/10/2005 Sea	02 Recons	W Sampling Depth,m 1	Vong She Veather C Tempera a 28.6	ek and Ko ondition: ature, °C b 28.5	Sunny Dissolve a 5.56	d Oxyger b 5.57	n, mg/L Average	Dissolve a 83.4	Client: Ambie d Oxyge b 83.5	Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a 30.4	32 ppt b 30.5	Turbidity a 1.12	, NTU b 1.15	Fide State: Average	Mid-Ebb Suspend 3.3	ded Solid	Depth Average	Remarks
Date of 3 ation MK1 S MK1 M MK1 B	Sampling: Time 13:40 13:40	No. CV/2004/ 5/10/2005 Sea	02 Recons	W Sampling Depth,m 1 3	Vong She leather C Tempera a 28.6 28.0	ek and Ko ondition: ature, °C b 28.5 28.1	Sunny Dissolve a 5.56 4.84	d Oxyger b 5.57 4.82	n, mg/L Average 5.20 4.47	Dissolve a 83.4 76.2	Client: Ambie d Oxyge b 83.5 76.0	Kin Shing nt Tempera n, % Average 79.8 72.5	Salinity, a 30.4 31.7	ppt b 30.5 31.6	Turbidity a 1.12 1.31	, NTU b 1.15 1.32	Fide State: Average	Mid-Ebb Suspens 3.3 6.0	5.3 7.0	Depth Average	Remarks
Date of ation AK1 S AK1 M AK1 B AK2 S	Sampling: Time 13:40 13:40 13:42	No. CV/2004/ 5/10/2005 Sea	02 Recons	W Sampling Depth,m 1 3 5	Vong She leather C Tempera a 28.6 28.0 26.5	ek and Ko ondition: ature, °C b 28.5 28.1 26.4	Sunny Dissolve a 5.56 4.84 4.47	d Oxyger b 5.57 4.82 4.46	n, mg/L Average 5.20	Dissolve a 83.4 76.2 72.5	Client: Ambie d Oxyge b 83.5 76.0 72.4	Kin Shing nt Temper n, % Average 79.8	ature,°C: Salinity, a 30.4 31.7 32.2	22 ppt 30.5 31.6 32.1	Turbidity a 1.12 1.31 2.26	, NTU b 1.15 1.32 2.29	Fide State: Average	Mid-Ebb Suspeni 3.3 6.0 7.7	5.3 7.0 6.3	Depth Average	Remarks
Date of S ation IK1 S IK1 M IK1 B IK2 S IK2 M	Sampling: Time 13:40 13:40 13:42 13:55	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6	W Depth,m 1 3 5 1	Vong She leather C 28.6 28.0 26.5 28.2	ek and Ko ondition: ature, °C b 28.5 28.1 26.4 28.1	Sunny Dissolve a 5.56 4.84 4.47 5.85	d Oxyger b 5.57 4.82 4.46 5.82	n, mg/L Average 5.20 4.47	Dissolve a 83.4 76.2 72.5 86.3	Client: Ambie b 83.5 76.0 72.4 86.1	Kin Shing nt Tempera n, % Average 79.8 72.5	ature,°C: Salinity, a 30.4 31.7 32.2 30.5	32 ppt b 30.5 31.6 32.1 30.6	Turbidity a 1.12 1.31 2.26 1.20	1.15 1.32 2.29	Tide State: Average 1.58	Mid-Ebb Suspens 3.3 6.0 7.7 7.0	5.3 7.0 6.3 6.7	5.9	Remarks
Date of ation AK1 S AK1 M AK1 B AK2 S AK2 M AK2 B	Sampling: Time 13:40 13:40 13:42 13:55 13:55	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5	Vong She leather C Tempera a 28.6 28.0 26.5 28.2 28.2 27.0	ek and Kc ondition: ature, °C b 28.5 28.1 26.4 28.1 26.4 28.1 27.1	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34	d Oxyger b 5.57 4.82 4.46 5.82 5.30	1, mg/L Average 5.20 4.47 5.58 4.57	Dissolve a 83.4 76.2 72.5 86.3 81.2	Client: Ambie b 83.5 76.0 72.4 86.1 81.0	Kin Shing nt Temper- Average 79.8 72.5 83.7 73.5	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9	32 ppt 30.5 31.6 32.1 30.6 31.0	Turbidity a 1.12 1.31 2.26 1.20 1.85	, NTU b 1.15 1.32 2.29 1.22 1.84	Tide State: Average 1.58	Mid-Ebb Suspense 3.3 6.0 7.7 7.0 16.0	5.3 7.0 6.3 6.7 13.0	5.9	Remarks
Date of S ation IK1 S IK1 M IK1 B IK2 S IK2 M IK2 B IK2 S	Sampling: Time 13:40 13:42 13:55 13:57 14:03	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	Vong She Veather C Tempera 28.6 28.0 26.5 28.2 27.0 26.4	k and Ko ondition: ature, <sup>o</sup> C b 28.5 28.1 26.4 28.1 27.1 26.3	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34 4.57	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56	n, mg/L Average 5.20 4.47 5.58	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4	Kin Shing nt Tempera n, % Average 79.8 72.5 83.7	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9 31.4	32 ppt 30.5 31.6 32.1 30.6 31.0 31.5	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44	, NTU b 1.15 1.32 2.29 1.22 1.84 2.43	Tide State: Average 1.58	Mid-Ebb Suspend 3.3 6.0 7.7 7.0 16.0 7.3	5.3 7.0 6.3 6.7 13.0 6.7	5.9	Remarks
Date of ation MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 13:40 13:42 13:55 13:55 13:57 14:03 13:04	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15	W           Sampling Depth,m           1           3           5           1           7.5           14           1	Vong She reather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3	k and Ko ondition: ature, °C b 28.5 28.1 26.4 28.1 27.1 26.3 28.2	Sunny           Dissolve           a           5.56           4.84           4.47           5.85           5.34           4.57           6.36	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37	1, mg/L Average 5.20 4.47 5.58 4.57	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5	Kin Shing nt Temper- Average 79.8 72.5 83.7 73.5	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9 31.4 30.8	32 ppt 5 30.5 31.6 32.1 30.6 31.0 31.5 30.9	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17	NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16	Tide State: Average 1.58 1.83	Mid-Ebb Suspense 3.3 6.0 7.7 7.0 16.0 7.3 6.7	5.3 7.0 6.3 6.7 13.0 6.7 7.3	5.9 9.5	Remarks
Attended att	Sampling:           Time           13:40           13:42           13:55           13:57           14:03           13:04           13:04	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15	W Sampling Depth,m 1 3 5 1 7.5 14 1 4 1 3	Vong She 'eather C Tempera 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9	and Kc           ondition:           ature, °C           b           28.5           28.1           26.4           27.1           26.3           28.2           27.9	Sunny           Dissolve           a           5.56           4.84           4.47           5.85           5.34           4.57           6.36           5.62	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61	n, mg/L Average 5.20 4.47 5.58 4.57 5.99 5.38	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9	Kin Shing nt Temper 79.8 72.5 83.7 73.5 87.7 81.6	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9 31.4 30.8 31.2	32           ppt           b           30.5           31.6           32.1           30.6           31.0           31.5           30.9           31.3	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25	, NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16 1.26	Tide State: Average 1.58 1.83	Mid-Ebb Suspend 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0	5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0	5.9 9.5	Remarks
Date of ation	Sampling:           Time           13:40           13:40           13:55           13:55           13:57           14:03           13:04           13:04           13:06	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15	W Sampling Depth,m 1 3 5 1 7.5 14 1 3 5	Vong She eather C Tempera 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2	k and Kc ondition: ature, °C b 28.5 28.1 26.4 28.1 26.3 28.2 27.9 26.0	Sunny           Dissolve           a           5.56           4.84           4.47           5.85           5.34           4.57           6.36           5.62           5.38	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37	Average 5.20 4.47 5.58 4.57 5.99	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5	Kin Shing nt Tempera N % Average 79.8 72.5 83.7 73.5 87.7	ature,°C: <u>Salinity,</u> a 30.4 31.7 32.2 30.5 30.9 31.4 30.8 31.2 32.5	32           ppt           b           30.5           31.6           32.1           30.6           31.0           31.5           30.9           31.3           32.6	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95	NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16 1.26 1.93	Tide State: Average 1.58 1.83	Mid-Ebb Suspend 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0	5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0	5.9 9.5	Remarks
Date of 3 ation MK1 S MK1 M MK1 B MK2 S MK2 B MK2 B MK3 S MK3 B MK3 B	Sampling: Time 13:40 13:42 13:55 13:55 13:57 14:03 13:04 13:04 13:06 13:20	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15 6	W Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 5 1	Vong She feather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4	k and Kc ondition: 28.5 28.1 26.4 28.1 26.4 28.1 26.3 28.2 27.9 26.0 28.5	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73	n, mg/L Average 5.20 4.47 5.58 4.57 5.99 5.38	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1	Kin Shing nt Temper 79.8 72.5 83.7 73.5 87.7 81.6	ature,°C: <u>Salinity,</u> a 30,4 31,7 32,2 30,5 30,9 31,4 30,8 31,2 32,5 30,7 30,7	32 ppt 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27	NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16 1.26 1.93 1.29	Tide State: Average 1.58 1.83 1.45	Mid-Ebb Suspenn 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0	5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0 13.0	Depth Average 5.9 9.5 10.3	Remarks
Date of 3 ation MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 B MK3 B MK4 S MK4 M	Sampling: Time 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:06 13:20 13:22	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15 6	W Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 5 1 1 7 7	Vong She eather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4 27.0	k and Kc ondition: 28.5 28.1 26.4 28.1 26.4 28.1 26.4 28.2 27.9 26.0 28.5 27.2	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.85 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66	1, mg/L Average 5.20 4.47 5.58 4.57 5.99 5.38 6.20 5.49	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5	Client: Ambie d <u>Oxyge</u> b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6	Kin Shing           nt Temper           n,%           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9 31.4 30.8 31.2 32.5 30.7 32.2	32 ppt b 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45	NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16 1.26 1.93 1.29 1.44	Tide State: Average 1.58 1.83 1.45	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 10.0	5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0 13.0 9.3	Depth Average 5.9 9.5 10.3	Remarks
Attended of attion Attended attion Attended attended atting Attended attended attend	Sampling: Time 13:40 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:04 13:04 13:04 13:20 13:22	No. CV/2004/ 5/10/2005 Sea	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           7           13	Vong She eather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4 27.9 26.2 28.4 27.0 26.5	k and Kc ondition: 28.5 28.1 26.4 28.1 26.4 27.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48	1, mg/L Average 5.20 4.47 5.58 4.57 5.99 5.38 6.20	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6	Kin Shing           nt Temperative           n, %           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9	ature,°C: Salinity, a 30.4 31.7 32.2 30.5 30.9 31.4 30.8 31.2 32.5 30.7 32.2 33.6	32 ppt b 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7	Turbidity           a           1.12           1.31           2.26           1.20           1.85           2.44           1.17           1.25           1.95           1.27           1.45	NTU         D           1.15         1.32           2.29         1.22           1.84         2.43           1.16         1.26           1.93         1.29           1.44         1.86	Tide State: Average 1.58 1.83 1.45	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 10.0 20.0	5.3         7.0           6.3         6.7           13.0         6.7           7.3         13.0           13.0         9.3           20.0         20.0	Depth Average 5.9 9.5 10.3	Remarks
Date of 3 ation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 S MK3 S MK4 S MK4 S MK4 S MK4 S	Sampling: Time 13:40 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:04 13:04 13:20 13:22 13:27 13:27	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15 6 14	W Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 7 13 1 1	Vong She eeather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4 27.0 26.4 28.4 27.0 25.8 28.1	k and Ko ondition: 28.5 28.1 26.4 28.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 27.2 25.8	Sunny Dissolvev a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49 6.81	d Oxygee b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80	1, mg/L Average 5.20 4.47 5.58 4.57 5.99 5.38 6.20 5.49	Dissolver a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 84.5 82.7	Client: Ambie d <u>0xyge</u> b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6 82.6 82.6	Kin Shing           nt Temper           n,%           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7	a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.7           32.2           33.6           30.7           32.2           33.6	32 ppt b 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.82 1.15	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.93           1.29           1.44           1.86	Tide State: Average 1.58 1.83 1.45 1.52	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 11.0 13.0 10.0 20.0 13.0	5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0 13.0 9.3 20.0 14.0	Depth Average 5.9 9.5 10.3 14.2	Remarks
Date of 3 ation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK4 S MK4 S MK4 S MK4 S MK4 B MK4 S MK4 B MK4 S MK4 B	Sampling: Time 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:04 13:00 13:22 13:22 13:27 13:42	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15 6 14	W Sampling Depth,m 1 3 5 1 1 7,5 14 1 3 5 1 7 7 13 1 7 8	Vong She eather C Temper: a 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.4 28.4 27.0 25.8 28.4 27.0 25.8 28.1 27.7	k and Ko ondition: 28.5 28.1 26.4 28.1 26.4 28.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 28.0 27.5	Sunny Dissolver a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49 6.81 6.24	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80 6.23	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.49           6.52           5.48	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6 96.8 96.8 90.1	Kin Shing nt Temper Average 79.8 72.5 83.7 73.5 87.7 81.6 89.9 82.7 93.5 82.6	Salinity,           a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.7           32.2           30.7           32.2           30.7           32.2           33.6           30.9           31.2	32 ppt 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1 31.7 31.1 31.7	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.27 1.45 1.22 1.15	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.29           1.44           1.86           1.17	Tide State: Average 1.58 1.83 1.45 1.52	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 10.0 20.0 13.0 11.0	5.3 7.0 6.3 6.7 13.0 6.7 13.0 13.0 13.0 13.0 13.0 13.0 14.0 14.0	Depth Average 5.9 9.5 10.3 14.2	Remarks
Date of 3 ation MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK4 S MK4 S MK4 B MK4 S MK4 B CK1 S CK1 B	Sampling: Time 13:40 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:04 13:20 13:22 13:22 13:22 13:22 13:22 13:42	No. CV/2004/ 5/10/2005 Sea	Overall 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	Vong She eather C Tempera 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4 27.0 25.8 28.1 27.7 26.4	k and Ko ondition: 28.5 28.1 26.4 28.1 26.4 27.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 28.0 27.5 26.3	Sunny Dissolver a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49 6.81 6.24 6.24	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80 6.23 5.47	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.49           6.52	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2 82.6	Client: Ambie d <u>Oxyge</u> b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6 96.8 90.1 82.5	Kin Shing           nt Temper           n,%           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7           93.5	Salinity, a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.7           32.2           33.6           30.9           31.2           33.6           30.9           31.2	32           ppt           30.5           31.6           32.1           30.6           31.0           31.5           30.9           31.3           32.6           30.8           32.1           33.7           31.1           31.0           32.5	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.82 1.15 1.74 2.20	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.29           1.44           1.86           1.17           1.73           2.18	Tide State: Average 1.58 1.83 1.45 1.52	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 10.0 20.0 13.0 11.0 11.0	5.3 5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0 13.0 13.0 13.0 14.0 14.0 14.0	Depth Average 5.9 9.5 10.3 14.2	Remarks
Date of 3 attion IK1 S IK1 M IK1 B IK2 S IK2 M IK2 S IK2 M IK2 S IK2 M IK3 S IK3 M IK4 S IK4 B IK4 S IK4 S	Sampling: Time 13:40 13:40 13:42 13:55 13:57 14:03 13:57 13:04 13:04 13:06 13:20 13:22 13:27 13:42 13:42 13:44 13:50	No. CV/2004/ 5/10/2005 Sea	02 Recons	W           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           8           15           1	Vong She eather C 28.6 28.0 26.5 28.2 27.0 26.4 28.3 27.9 26.2 28.4 27.9 26.2 28.4 27.0 25.8 28.4 27.0 25.8 28.4 27.7 26.4 27.9	k and Kc ondition: 28.5 28.1 26.4 28.1 26.4 27.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 28.0 27.5 26.3 27.5 26.3	Sunny Dissolver a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49 6.81 6.24 5.48 6.69	d Oxygee b 5.57 4.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80 6.23 5.47 6.74 6.73	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.49           6.52           5.48	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2 82.6 94.7	Client: Ambie d <u>Oxyge</u> b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6 96.8 90.1 82.5 94.6	Kin Shing nt Temper Average 79.8 72.5 83.7 73.5 87.7 81.6 89.9 82.7 93.5 82.6	Salinity.           3           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.7           32.2           33.6           30.7           32.2           33.6           30.9           31.2           32.5           32.5           32.5	32 ppt b 30.5 31.6 32.1 30.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1 31.0 32.5 30.4	Turbidity           a           1.12           1.31           2.26           1.20           1.85           2.44           1.17           1.25           1.95           1.27           1.45           1.82           1.15           1.74           2.20	NTU b 1.15 1.32 2.29 1.22 1.84 2.43 1.16 1.26 1.93 1.29 1.44 1.86 1.17 1.73 2.18 1.20	Average           1.58           1.83           1.45           1.52           1.70	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 10.0 20.0 13.0 11.0 11.0 11.0 11.0	5.3 5.3 7.0 6.3 6.7 13.0 6.7 7.3 13.0 13.0 13.0 13.0 9.3 20.0 14.0 11.0 11.0	Depth Average 5.9 9.5 10.3 14.2 12.3	Remarks
bate of 3 attion           IK1 S           IK1 M           IK1 B           IK2 S           IK2 M           IK2 B           IK3 S           IK3 B           IK4 S           IK3 B           IK4 S	Sampling: Time 13:40 13:40 13:42 13:55 13:57 14:03 13:04 13:04 13:04 13:04 13:04 13:20 13:22 13:42 13:42 13:42 13:42 13:42	No. CV/2004/ 5/10/2005 Sea	02 Recons	W           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           1           7           13           1           8           15           1           7.5	Vong She eeather C 28.6 28.0 26.5 28.2 27.0 26.4 27.9 26.2 28.4 27.0 25.8 28.1 27.7 26.4 27.7 26.4 27.7 26.4 27.9 25.2	k and Ko ondition: z8.5 28.1 26.4 28.1 26.4 28.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 28.0 27.5 26.3 27.9 25.1	Sunny, Dissolver a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.38 6.74 5.62 5.38 6.74 5.67 5.49 6.81 6.24 5.49 6.81 6.24 5.59	d Oxyger b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80 6.23 5.47 6.68 5.96	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.49           6.52           5.48           6.33	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2 82.6 94.7 89.5	Client: Ambie d Oxyge b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 83.9 81.5 83.9 81.5 83.9 81.5 95.1 84.6 82.6 96.8 90.1 82.5 94.6 89.4	Kin Shing           nt Temperative           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7           93.5           82.6           92.1	Salinity,           a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.9           31.2           32.6           30.7           32.2           33.6           30.9           31.2           32.5           30.3           31.9	32 ppt b 30.5 31.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1 31.0 32.5 30.4 32.0	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.220 1.12 1.12	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.93           1.29           1.44           1.86           1.17           1.73           2.18           1.20	Average           1.58           1.83           1.45           1.52           1.70	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 11.0 13.0 10.0 20.0 13.0 11.0 11.0 14.0 10.0	5.3 7.0 6.3 6.7 13.0 6.7 13.0 6.7 13.0 13.0 13.0 13.0 13.0 14.0 14.0 14.0 11.0 8.3	Depth Average 5.9 9.5 10.3 14.2 12.3	Remarks
Date of 3 ation IK1 S IK1 M IK1 B IK2 S IK2 M IK2 B IK3 S IK3 M IK4 S IK4 S	Sampling: Time 13:40 13:42 13:45 13:55 13:57 14:03 13:04 13:04 13:04 13:04 13:20 13:22 13:27 13:42 13:42 13:44 13:50 13:59 14:01 14:01	No. CV/2004/ 5/10/2005 Sea	Overall Depth, m 6 15 6 14 16 15	W           Sampling Depth,m           1           3           5           1           7.5           14           3           5           1           7           13           1           8           15           1           7.5           14	Vong She eeather C 28.6 28.0 26.5 28.2 27.0 26.4 27.9 26.2 28.4 27.0 25.8 28.1 27.7 26.4 27.7 26.4 27.7 26.4 27.9 25.2	k and Ko ondition: z8.5 28.1 26.4 28.1 26.4 28.1 26.3 28.2 27.9 26.0 28.5 27.2 25.8 28.0 27.5 26.3 27.9 25.1	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.62 5.38 6.74 5.49 6.81 6.24 5.49 6.24 5.48 6.24 5.48 6.24 5.56	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.23 5.47 6.68 5.96 5.54	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.49           6.52           5.48           6.33	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2 82.6 94.7 89.5	Client: Ambie d Oxyge b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 83.9 81.5 83.9 81.5 83.9 81.5 95.1 84.6 82.6 96.8 90.1 82.5 94.6 89.4	Kin Shing           nt Temper           n,%           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7           93.5           82.6           92.1           83.4	Salinity,           a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.9           31.2           32.6           30.7           32.2           33.6           30.9           31.2           32.5           30.3           31.9	32 ppt b 30.5 31.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1 31.0 32.5 30.4 32.0	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.220 1.12 1.12	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.93           1.29           1.44           1.86           1.17           1.73           2.18           1.20	Average           1.58           1.83           1.45           1.52           1.70	Mid-Ebb Suspension 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 11.0 13.0 11.0 11.0 11.0	5.3 7.0 6.3 6.7 13.0 6.7 13.0 6.7 13.0 13.0 13.0 13.0 13.0 14.0 14.0 14.0 11.0 8.3	Depth Average 5.9 9.5 10.3 14.2 12.3	Remarks
Date of 3 ation IK1 S IK1 M IK1 B IK2 S IK2 M IK2 B IK3 S IK3 M IK4 S IK4 S	Sampling: Time 13:40 13:42 13:45 13:55 13:57 14:03 13:04 13:04 13:04 13:04 13:20 13:22 13:27 13:42 13:42 13:44 13:50 13:59 14:01 14:01	No. CV/2004/	Overall       Depth, m       6       15       6       14       16       15	W           Sampling Depth,m           1           3           5           1           7.5           14           3           5           1           7           13           1           8           15           1           7.5           14	Vong She eather C Temper: a 28.6 28.2 27.0 26.4 28.3 27.9 26.4 27.9 26.2 28.4 27.7 26.4 27.7 26.4 27.7 26.4 27.9 25.2 24.7	k and Ko ondition: 28.5 28.1 26.4 28.1 26.4 28.1 26.4 28.2 27.9 26.0 28.5 27.9 26.0 28.5 27.9 26.0 27.5 26.3 27.5 26.3 27.9 25.1 26.4 22.1 24.6	Sunny Dissolve a 5.56 4.84 4.47 5.85 5.34 4.57 6.36 5.62 5.38 6.74 5.67 5.49 6.81 6.24 6.24 5.48 6.69 5.97 5.56	d Oxygen b 5.57 4.82 4.46 5.82 5.30 4.56 6.37 5.61 5.37 6.73 5.66 5.48 6.80 6.23 5.47 6.68 5.47 6.68 5.54 Calibrati	n.mg/L           Average           5.20           4.47           5.58           4.57           5.99           5.38           6.20           5.48           6.33           5.55	Dissolve a 83.4 76.2 72.5 86.3 81.2 73.5 91.4 84.0 81.6 95.2 84.5 82.7 96.9 90.2 82.6 94.7 89.5	Client: Ambie b 83.5 76.0 72.4 86.1 81.0 73.4 91.5 83.9 81.5 95.1 84.6 82.6 96.8 90.1 82.5 94.6 88.4 83.3	Kin Shing           nt Temperative           Average           79.8           72.5           83.7           73.5           87.7           81.6           89.9           82.7           93.5           82.6           92.1           83.4           100%:	Salinity,           a           30.4           31.7           32.2           30.5           30.9           31.4           30.8           31.2           32.5           30.9           31.2           32.6           30.7           32.2           33.6           30.9           31.2           32.5           30.3           31.9	32 ppt b 30.5 31.6 31.0 31.5 30.9 31.3 32.6 30.8 32.1 33.7 31.1 31.0 32.5 30.4 32.0	Turbidity a 1.12 1.31 2.26 1.20 1.85 2.44 1.17 1.25 1.95 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.27 1.45 1.220 1.12 1.12	NTU           b           1.15           1.32           2.29           1.22           1.84           2.43           1.16           1.26           1.93           1.29           1.44           1.86           1.17           1.73           2.18           1.20	Average           1.58           1.83           1.45           1.52           1.70           1.84	Mid-Ebb Suspen 3.3 6.0 7.7 7.0 16.0 7.3 6.7 11.0 11.0 13.0 11.0 13.0 11.0 11.0 11.0	5.3 7.0 6.3 6.7 13.0 6.7 13.0 14.0	Depth Average 5.9 9.5 10.3 14.2 12.3 9.2	Remarks

FTOJECI.	Contract N	No. CV/2004/0	J2 Reconst		ong onoit						Client:	Turi Orning	0011311001	tion Co., I	-10.		Job No.:		-		
Date of	Sampling:	7/10/2005		V	Veather C	ondition:	Sunny				Ambie	ent Temper	ature,⁰C:	31			Tide State:	Mid-Floo	d		
Station	Time	Sea Condition	Overall Depth, m	Sampling	Tempera a	ature, ⁰C b	Dissolve a	d Oxyger b	n, mg/L Average	Dissolve a	d Oxyger b	i, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	led Solids	s, mg/L Depth	Remarks
		Condition	Depui, in	Deptil,ill	a	D	a	b	Average	a	D	Average	a	D	a	b	Average		1	Average	
MK1 S	17:21			1	29.2	29.1	5.23	5.24	4.94	80.7	80.5	77.7	32.1	32.0	1.42	1.43		10.0	7.0		
MK1 M	17:22		7	3.5	28.4	28.3	4.65	4.63		74.8	74.6		32.4	32.5	1.80	1.81	1.86	11.0	9.0	9.3	
MK1 B	17:24			6	27.8	27.6	4.25	4.24	4.25	70.2	70.1	70.2	33.3	33.4	2.33	2.34		8.0	11.0		
MK2 S	17:34			1	28.8	28.7	5.41	5.40	5.40	84.3	84.3		31.5	31.4	1.67	1.68		6.3	5.0		
MK2 M	17:36		16	8	28.0	27.9	4.84	4.83	5.12	78.2	78.1	81.2	32.3	32.4	2.09	2.08	1.97	11.0	9.0	8.2	
MK2 B	17:42			15	26.5	26.5	4.35	4.34	4.35	71.5	71.4	71.5	34.3	34.2	2.14	2.16		8.3	9.3		
MK3 S	16:58			1	29.0	29.1	5.45	5.46		8.4	8.4		32.1	32.0	1.65	1.64		9.3	9.7		
МКЗ М	16:59		7	3.5	28.1	28.2	4.54	4.54	5.00	73.5	73.5	40.9	32.5	32.6	2.38	2.37	2.16	7.7	8.3	8.6	
MK3 B	17:01			6	27.5	27.4	4.00	4.02	4.01	68.2	68.4	68.3	33.8	33.8	2.45	2.47		9.0	7.3		
MK4 S	17:09			1	29.0	29.2	5.27	5.28		83.6	83.1	00.0	32.8	32.5	1.02	1.01		8.0	10.0		
			15						4.96			79.0					1.46			9.2	
MK4 M	17:11		15	7.5	26.4	26.3	4.64	4.65		74.5	74.6		33.2	33.3	1.61	1.59	1.40	8.0	6.0	9.2	
MK4 B	17:17			14	24.7	24.6	3.53	3.55	3.54	63.2	63.4	63.3	33.5	33.5	1.75	1.77		12.0	11.0		
CK1 S	17:47			1	29.8	29.7	5.40	5.39	5.13	84.4	84.3	80.5	32.5	32.6	1.31	1.30		11.0	7.0		
CK1 M	17:49		17	8.5	26.4	26.5	4.85	4.86		76.5	76.6		33.0	33.1	2.28	2.28	2.08	6.7	7.0	7.7	
CK1 B	17:56			16	23.9	23.8	4.44	4.45	4.45	72.4	72.4	72.4	34.1	34.1	2.68	2.65		8.3	6.3		
CK2 S	17:58			1	29.2	29.1	5.33	5.33	5.08	83.9	83.8	80.1	32.7	32.6	1.05	1.04		7.3	8.7		
CK2 M	18:00		16	8	26.7	26.7	4.83	4.84	5.00	76.4	76.4	00.1	33.5	33.4	1.48	1.49	1.29	8.7	8.0	9.4	
CK2 B	18:06			15	23.8	23.9	4.52	4.51	4.52	68.2	68.1	68.2	34.8	34.8	1.34	1.35		14.0	9.7		
Equipmen	t used:	Dissolved Ox	vgen Mete	r:	EM	6167		Calibrat	ion Check:		100	100%:					Sampled	By:	Pong		
		Turbidity Met	er:		EM	2365		Calibrat	ion Check:		9.9	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Mete	r:		EM	6167		Calibrat	ion Check:		34.5	ppt					Date:		14/10/20	005	
		Thermomete	r:		EM	6167															
						0101															
	_						•						_								
		No. CV/2004/0	02 Reconst		ong Shek	and Ko L	au Wan F	Public Pie	ers			Kin Shing					Job No.:				
		No. CV/2004/0 7/10/2005	02 Reconst		ong Shek Veather C	and Ko L	au Wan F Sunny					ent Temper	ature,°C:	31		-	Job No.: Fide State:	Mid-Ebb			
Date of			02 Reconst	V	ong Shek Veather C	and Ko L	au Wan F			Dissolve	Ambie	ent Temper		31		, NTU		Mid-Ebb	led Solids	s, mg/L	Remarks
Date of Station	Sampling: Time	7/10/2005 Sea	02 Reconst	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko L condition: ature, °C b	au Wan F Sunny Dissolve a	d Oxyger b	, mg/L	Dissolve a	Ambie d Oxyger b	ent Temper	ature,°C: Salinity, a	31 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	led Solids		Remarks
Date of Station MK1 S	Sampling: Time 13:06	7/10/2005 Sea	02 Reconst	Sampling Depth,m	Veather C Tempera a 28.2	and Ko L Condition: ature, <sup>o</sup> C b 28.1	au Wan F Sunny Dissolve a 4.52	d Oxyger b 4.49	, mg/L	Dissolve a 73.1	Ambie d Oxyger b 72.9	ent Temper	ature,°C: Salinity, a 31.0	31 ppt b 31.2	Turbidity a 1.35	, NTU b 1.34	Fide State: Average	Mid-Ebb Suspend 7.0	6.7	Depth Average	Remarks
Date of Station	Sampling: Time	7/10/2005 Sea	02 Reconst	V Sampling Depth,m	ong Shek Veather C Tempera a	and Ko L condition: ature, °C b	au Wan F Sunny Dissolve a	d Oxyger b	i, mg/L Average	Dissolve a	Ambie d Oxyger b	ent Temper n, % Average	ature,°C: Salinity, a	31 ppt b	Turbidity a	, NTU b	Fide State:	Mid-Ebb	led Solids	Depth	Remarks
Date of Station MK1 S	Sampling: Time 13:06	7/10/2005 Sea	02 Reconst	Sampling Depth,m	Veather C Tempera a 28.2	and Ko L Condition: ature, <sup>o</sup> C b 28.1	au Wan F Sunny Dissolve a 4.52	d Oxyger b 4.49	i, mg/L Average	Dissolve a 73.1	Ambie d Oxyger b 72.9	ent Temper n, % Average	ature,°C: Salinity, a 31.0	31 ppt b 31.2	Turbidity a 1.35	, NTU b 1.34	Fide State: Average	Mid-Ebb Suspend 7.0	6.7	Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 13:06 13:06	7/10/2005 Sea	02 Reconst	Sampling Depth,m	Veather C Tempera a 28.2 26.5	and Ko L condition: ature, °C b 28.1 26.4	au Wan F Sunny Dissolve a 4.52 3.86	d Oxyger b 4.49 3.83	a, mg/L Average 4.18 2.85	Dissolve a 73.1 68.5	Ambie d Oxyger b 72.9 68.4	ent Temper Average 70.7 57.4	ature,°C: Salinity, a 31.0 33.2	31 b 31.2 33.3	Turbidity a 1.35 1.80	NTU b 1.34 1.78	Fide State: Average	Mid-Ebb Suspend 7.0 12.0	6.7 11.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 13:06 13:06 13:08	7/10/2005 Sea	02 Reconst	V Sampling Depth,m 1 3 5	Veather C Tempera a 28.2 26.5 24.4	and Ko L condition: ature, <sup>o</sup> C b 28.1 26.4 24.5	au Wan F Sunny Dissolve a 4.52 3.86 2.86	d Oxyger b 4.49 3.83 2.83	a, mg/L Average 4.18	Dissolve a 73.1 68.5 57.4	Ambie d Oxyger b 72.9 68.4 57.3	ent Temper h, % Average 70.7	ature,°C: Salinity, a 31.0 33.2 33.9	31 ppt 31.2 33.3 33.9	Turbidity a 1.35 1.80 2.38	NTU b 1.34 1.78 2.36	Fide State: Average	Mid-Ebb Suspend 7.0 12.0 13.0	6.7 11.0 10.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 13:06 13:06 13:08 13:20	7/10/2005 Sea	Overall Depth, m 6	V Depth,m 1 3 5 1	Veather C Tempera a 28.2 26.5 24.4 28.0	and Ko L condition: ature, <sup>o</sup> C b 28.1 26.4 24.5 27.9	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47	d Oxyger b 4.49 3.83 2.83 4.48	a, mg/L Average 4.18 2.85	Dissolve a 73.1 68.5 57.4 72.5	Ambie d Oxyger b 72.9 68.4 57.3 72.6	ent Temper Average 70.7 57.4	ature, °C: Salinity, a 31.0 33.2 33.9 30.5	31 ppt 31.2 33.3 33.9 30.4	Turbidity a 1.35 1.80 2.38 0.96	NTU b 1.34 1.78 2.36 0.95	Fide State: Average 1.84	Mid-Ebb Suspend 7.0 12.0 13.0 9.0	6.7 11.0 10.0 8.7	Depth Average 10.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 13:06 13:08 13:20 13:22	7/10/2005 Sea	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 1 7.5	Tempera           a           28.2           26.5           24.4           28.0           25.2	and Ko L condition: ature, <sup>o</sup> C b 28.1 26.4 24.5 27.9 25.3	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98	d Oxyger b 4.49 3.83 2.83 4.48 3.99	4.18 4.23 3.03	Dissolve a 73.1 68.5 57.4 72.5 69.5	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6	ent Temper , % Average 70.7 57.4 71.1 60.7	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4	31 ppt 31.2 33.3 33.9 30.4 32.3	Turbidity a 1.35 1.80 2.38 0.96 1.28	NTU b 1.34 1.78 2.36 0.95 1.28	Fide State: Average 1.84	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0	6.7 11.0 10.0 8.7 9.3	Depth Average 10.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:28	7/10/2005 Sea	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 1 7.5 14	Tempera           28.2           26.5           24.4           28.0           25.2           23.3	and Ko L condition: ature, <sup>o</sup> C b 28.1 26.4 24.5 27.9 25.3 23.4	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04	a, mg/L Average 4.18 2.85 4.23	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 69.6 60.7	Average           70.7           57.4           71.1	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 33.7	31 ppt 31.2 33.3 33.9 30.4 32.3 33.6	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55	NTU b 1.34 1.78 2.36 0.95 1.28 1.56	Fide State: Average 1.84	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.7	6.7 11.0 10.0 8.7 9.3 9.3	Depth Average 10.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Sampling: Time 13:06 13:06 13:08 13:20 13:22 13:22 13:28 12:35	7/10/2005 Sea	Overall Depth, m 6 15	V           Sampling Depth,m           1           3           5           1           7.5           14           1	Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2	and Ko L condition: ature, <sup>v</sup> C b 28.1 26.4 24.5 27.9 25.3 23.4 28.1	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02 4.59	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55	4.18 4.23 3.03	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6 73.7	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5	ent Temper , % Average 70.7 57.4 71.1 60.7	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 33.7 30.2	31 ppt 31.2 33.3 33.9 30.4 32.3 33.6 30.4	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91	Tide State: Average 1.84 1.26	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.7 12.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0	Depth Average 10.0 8.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35	7/10/2005 Sea	Overall Depth, m 6 15	V           Sampling Depth,m           1           3           5           1           7.5           14           1           3	Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7	and Ko L ondition: ture, <sup>o</sup> C b 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02 4.59 3.47	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48	Average 4.18 2.85 4.23 3.03 4.02 3.20	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6 73.7 64.5	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 33.7 30.2 31.5	31 ppt b 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91 1.34	Tide State: Average 1.84 1.26	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.7 12.0 8.7	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3	Depth Average 10.0 8.5	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 S MK3 B	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:37	7/10/2005 Sea	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5	Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           25.2           23.3           28.2           25.2           23.3           28.2           25.2           25.2           25.3	and Ko L condition: ture, 'C b 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 25.5	au Wan If Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02 4.59 3.47 3.19	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20	Average 4.18 2.85 4.23 3.03 4.02	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6 73.7 64.5 61.8	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 64.5 61.7	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 33.7 30.2 31.5 32.4	31 ppt b 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 32.5	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91 1.34 1.75	Tide State: Average 1.84 1.26	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.7 12.0 8.7 7.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3	Depth Average 10.0 8.5	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 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:37 12:48 12:50	7/10/2005 Sea	Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 1 7.5 14 1 3 5 1 1 7 7	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2	and Ko L condition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 25.5 27.9 26.1	au Wan F Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38	d Oxyger b 4.49 3.83 2.83 3.28 3.04 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89	Dissolve           a           73.1           68.5           57.4           72.5           60.6           73.7           64.5           61.8           72.9           63.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 69.6 69.6 69.6 64.5 64.5 64.7 72.9 63.5	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2	ature, °C: Salinity, , a 31.0 33.2 33.9 30.5 32.4 33.7 30.2 31.5 32.4 31.2 32.5	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58	Tide State: Average 1.84 1.26	Mid-Ebb Suspence 7.0 12.0 13.0 9.0 7.0 7.7 12.0 8.7 7.0 8.3 10.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0	Depth Average 10.0 8.5 9.4	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 B MK3 B MK3 B MK3 B MK4 S	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:37 12:48 12:50 12:55	7/10/2005 Sea	Overall Depth, m 6 15 6	V           Sampling Depth,m           1           3           5           1           7.5           14           1           3           5           14           1           3           5           14           1           3           5           11           3           5           13	Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           23.5	and Ko L condition: 100 28.1 28.1 28.4 24.5 27.9 25.3 23.4 28.1 27.4 25.5 27.9 26.1 27.9 26.1 23.4	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19	d Oxyger b 4.49 3.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18	Average 4.18 2.85 4.23 3.03 4.02 3.20	Dissolve           a           73.1           68.5           57.4           72.5           69.5           60.6           73.7           64.5           61.8           72.9           63.6           50.8	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8	Salinity,         a           31.0         33.2           33.9         30.5           32.4         33.7           30.2         31.5           32.4         31.2           32.5         32.4           32.2         32.4	31 b 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 31.4 31.2 31.2 33.3 33.9 33.6 33.9 33.9 33.9 33.9 33.6 33.9 33.9 33.6 33.9 33.9 33.9 33.6 33.9 33.9 33.9 33.9 33.9 33.6 33.9 3 3 3 3 3 3 3 3 3 3 3 3 3	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.05	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04	Tide State: Average 1.84 1.26	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.7 7.0 8.3 10.0 14.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0	Depth Average 10.0 8.5 9.4	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 13:06 13:08 13:20 13:22 13:28 12:35 12:35 12:37 12:48 12:50 12:55 13:40	7/10/2005 Sea	Overall Depth, m 6 15 6 14	V Sampling Depth,m 1 3 5 1 1 7.5 14 1 3 5 1 1 7 13 1 1	Shek           Veather C           Temperca           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           23.5           28.4	and Ko L condition: ture, <sup>V</sup> C 28.1 24.5 27.9 25.3 23.4 28.1 27.4 25.5 27.9 26.1 23.4 28.3 23.4	au Wan f Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89	Dissolve a 73.1 68.5 57.4 72.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2	ature,°C: Salinity, , a 31.0 33.2 33.9 30.5 32.4 33.7 30.2 31.5 32.4 31.2 32.5 32.4 31.2 32.5 32.9 31.0	31 pppt b 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.1	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.05 0.98	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91 1.34 1.75 1.10 1.58 2.04 0.97	Tide State: Average 1.84 1.26 1.33 1.58	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.0 7.7 12.0 8.7 7.0 8.3 10.0 14.0 6.3	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3	Depth Average 10.0 8.5 9.4 11.1	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 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:35 12:55 13:40 13:42	7/10/2005 Sea	Overall Depth, m 6 15 6	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           8	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6	and Ko L condition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 26.5 27.9 26.1 23.4 28.3 26.5	au Wan F Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73	Dissolve           a           73.1           68.5           57.4           72.5           60.6           73.7           64.5           61.8           72.9           63.6           50.8           68.3           65.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0	ature,°C: <u>Salinity,</u> a 31.0 33.2 33.9 30.5 32.4 31.5 32.4 31.5 32.4 31.2 32.5 32.9 31.0 31.0 31.0 31.0 31.0 31.0 31.0 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 31.5 32.5 32.5 31.5 32.5 31.5 32.5 31.5 32.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.6 31.	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.2 33.3 32.4 33.0 31.2 33.3 33.9 33.9 33.9 33.9 30.4 32.3 33.9 33.9 33.9 30.4 32.3 33.6 33.9 33.6 33.9 33.6 33.9 33.6 33.7 33.6 33.6 33.6 33.7 33.6 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.7 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.7 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.6 33.7 33.7 33.6 33.7 33.7 33.7 33.7 33.7 33.7 33.7 33.7 33.7 34	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.06 0.98 1.27	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91 1.34 1.75 1.10 1.58 2.04 0.97 1.26	Tide State: Average 1.84 1.26	Mid-Ebb Suspenn 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0	6.7           11.0           0.0           8.7           9.3           15.0           7.3           6.3           9.1           11.0           14.0           7.3           9.7	Depth Average 10.0 8.5 9.4	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 CK1 B	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:23 12:35 12:35 12:35 12:48 12:55 13:40 13:42 13:48	7/10/2005 Sea	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           8           15	Image: Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6           24.2	and Ko L condition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 25.5 27.9 26.1 23.4 28.3 26.5 24.3	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3 65.6 55.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 50.9	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9	Salinity, a           31.0           33.2           33.3           30.5           32.4           31.5           32.4           31.5           32.4           31.2           32.5           32.9           31.0           31.2           32.5           32.9           31.0           31.4           32.3	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 32.5 31.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.05 0.98 1.27 1.44	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04           0.97           1.26           1.43	Tide State: Average 1.84 1.26 1.33 1.58	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0 6.3	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.7 8.0	Depth Average 10.0 8.5 9.4 11.1	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 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:35 12:55 13:40 13:42	7/10/2005 Sea	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           8	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6	and Ko L condition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 26.5 27.9 26.1 23.4 28.3 26.5	au Wan F Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73	Dissolve           a           73.1           68.5           57.4           72.5           60.6           73.7           64.5           61.8           72.9           63.6           50.8           68.3           65.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0	ature,°C: <u>Salinity,</u> a 31.0 33.2 33.9 30.5 32.4 31.5 32.4 31.5 32.4 31.2 32.5 32.9 31.0 31.0 31.0 31.0 31.0 31.0 31.0 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.2 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.4 31.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 32.5 31.5 32.5 32.5 31.5 32.5 31.5 32.5 31.5 32.5 31.5 32.5 31.5 31.5 31.5 31.5 31.5 31.5 31.5 31.6 31.	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.2 33.3 32.4 33.0 31.2 33.3 33.9 33.9 33.9 33.9 30.4 32.3 33.9 33.9 30.4 32.3 33.6 33.9 33.6 33.9 33.6 33.7 33.6 34.6 35	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.06 0.98 1.27	NTU b 1.34 1.78 2.36 0.95 1.28 1.56 0.91 1.34 1.75 1.10 1.58 2.04 0.97 1.26	Tide State: Average 1.84 1.26 1.33 1.58	Mid-Ebb Suspenn 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0	6.7           11.0           0.0           8.7           9.3           15.0           7.3           6.3           9.1           11.0           14.0           7.3           9.7	Depth Average 10.0 8.5 9.4 11.1	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 CK1 B	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:23 12:35 12:35 12:35 12:48 12:55 13:40 13:42 13:48	7/10/2005 Sea	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           8           15	Image: Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6           24.2	and Ko L condition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 25.5 27.9 26.1 23.4 28.3 26.5 24.3	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47	Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73 2.48	Dissolve a 73.1 68.5 57.4 72.5 69.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3 65.6 55.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 50.9	Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0 54.7	Salinity, a           31.0           33.2           33.3           30.5           32.4           31.5           32.4           31.5           32.4           31.2           32.5           32.9           31.0           31.2           32.5           32.9           31.0           31.4           32.3	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 31.4 32.5 31.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.55 0.90 1.33 1.75 1.12 1.60 2.05 0.98 1.27 1.44	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04           0.97           1.26           1.43	Tide State: Average 1.84 1.26 1.33 1.58	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0 6.3	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.7 8.0	Depth Average 10.0 8.5 9.4 11.1	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 13:06 13:08 13:20 13:22 13:28 12:35 12:35 12:37 12:48 12:55 13:40 13:42 13:48 13:59	7/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6 14 16	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           8           15           1	Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           26.5           28.4           26.6           24.2           28.0	and Ko L iondition: 28.1 26.4 24.5 27.9 25.3 23.4 25.5 27.9 26.1 27.4 26.1 23.4 28.1 27.4 26.5 27.9 26.1 23.4 28.3 26.5 24.3 28.1	au Wan F Sunny Dissolve a 4.52 3.86 2.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48 3.28	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47 3.25	Average Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73 2.48	Dissolve           a           73.1           68.5           57.4           72.5           69.5           60.6           73.7           64.5           61.8           72.9           63.6           50.8           68.3           65.6           54.6	Ambie d Oxyger b 72.9 68.4 57.3 72.6 68.6 60.7 73.5 64.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 54.7 54.7 54.7	Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0 54.7	ature, °C: Salinity, 1 31.0 33.2 33.9 30.5 32.4 33.7 30.2 31.5 32.4 31.5 32.4 31.5 32.4 31.5 32.4 31.2 32.5 32.9 31.0 31.4 32.3 30.5	31 pppt 31.2 33.3 33.9 30.4 32.3 30.4 32.3 30.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4 30.2	Turbidity           a           1.35           1.80           2.38           0.96           1.28           1.55           0.90           1.33           1.75           1.42           1.60           2.05           0.98           1.27           1.44	NTU b 1.34 2.36 0.95 1.28 1.56 0.91 1.34 1.75 1.10 1.58 2.04 0.97 1.26 1.43	Fide State: Average 1.84 1.26 1.33 1.58 1.23	Mid-Ebb Suspens 7.0 12.0 13.0 9.0 7.0 7.0 7.7 12.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0 6.3 11.0 6.3	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.7 8.0 12.0	Depth Average 10.0 8.5 9.4 11.1 8.1	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 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:35 12:55 13:40 13:42 13:48 13:59 14:01	7/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6 14 16	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           8           15           1           7.5	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6           24.2           28.0           25.2	and Ko L condition: 28.1 24.5 27.9 25.3 23.4 28.1 27.4 28.1 27.4 26.5 27.9 26.1 23.4 28.3 26.5 24.3 26.5 24.3 28.1	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48 3.28 2.86	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47 3.25 2.85	Average Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73 2.48 3.06	Dissolve a 73.1 68.5 57.4 72.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3 65.6 54.6 62.6 58.4	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 54.7 62.5 58.3	ent Temper , % Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0 54.7 60.5	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 31.5 32.4 31.5 32.4 31.5 32.5 32.9 31.0 31.4 32.3 30.5 31.2	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4 30.2 31.3	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.28 1.28 1.28 1.28 1.28 1.28 1.28	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04           0.97           1.26           1.43           1.29           2.27	Fide State: Average 1.84 1.26 1.33 1.58 1.23	Mid-Ebb Suspenn 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0 6.3 11.0 9.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.1 11.0 14.0 7.3 9.1 11.0 14.0 7.3 8.0 12.0	Depth Average 10.0 8.5 9.4 11.1 8.1	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 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:35 12:35 12:48 12:50 12:55 13:40 13:42 13:48 13:59 14:01 14:07	7/10/2005 Sea	2 Reconst Overall Depth, m 6 15 6 14 16 15	V           Sampling Depth,m           1           3           5           1           7.5           14           3           5           14           1           3           5           14           1           3           5           11           7           13           1           8           15           1           7.5           14	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6           24.2           28.0           25.2	and Ko L condition: 28.1 24.5 27.9 25.3 23.4 28.1 27.4 28.1 27.4 26.5 27.9 26.1 23.4 28.3 26.5 24.3 26.5 24.3 28.1	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48 3.28 2.48 2.29	d Oxyger b 4.49 3.83 2.83 4.48 3.99 3.04 4.45 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47 3.25 2.85 2.28	Average Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73 2.48 3.06	Dissolve a 73.1 68.5 57.4 72.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3 65.6 54.6 62.6 58.4	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 54.7 62.5 58.3	Average Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0 54.7 60.5 52.7	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 31.5 32.4 31.5 32.4 31.5 32.5 32.9 31.0 31.4 32.3 30.5 31.2	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4 30.2 31.3	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.28 1.28 1.28 1.28 1.28 1.28 1.28	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04           0.97           1.26           1.43           1.29           2.27	Fide State: Average 1.84 1.26 1.33 1.58 1.23	Mid-Ebb Suspend 7.0 12.0 13.0 9.0 7.0 7.0 7.0 8.7 7.0 8.3 10.0 6.3 11.0 6.3 11.0 9.0 9.0 11.0	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.1 11.0 14.0 7.3 9.1 11.0 14.0 7.3 8.0 12.0	Depth Average 10.0 8.5 9.4 11.1 8.1	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 M MK3 B MK3 B MK3 B MK3 B MK4 B CK1 S CK1 M CK1 B CK1 S CK1 M CK2 S	Sampling: Time 13:06 13:08 13:20 13:22 13:22 13:28 12:35 12:35 12:35 12:35 12:35 12:48 12:50 12:55 13:40 13:42 13:48 13:59 14:01 14:07	7/10/2005 Sea Condition	22 Reconst Overall Depth, m 6 15 6 14 16 15 15 15 15	V           Sampling Depth,m           1           3           5           1           7.5           14           3           5           14           1           3           5           14           1           3           5           11           7           13           1           8           15           1           7.5           14	Shek           Tempera           28.2           26.5           24.4           28.0           25.2           23.3           28.2           27.7           25.4           28.0           26.2           23.3           28.2           27.7           25.4           28.0           26.2           23.5           28.4           26.6           24.2           28.0           25.2           23.9	and Ko L icondition: 28.1 26.4 24.5 27.9 25.3 23.4 28.1 27.4 28.1 27.4 28.1 26.1 28.3 26.5 24.3 28.3 28.3 28.3 28.3 28.3 28.1 25.3 28.1 23.8	au Wan f Sunny Dissolve a 4.52 3.86 4.47 3.98 3.02 4.59 3.47 3.19 4.41 3.38 2.19 3.87 3.58 2.48 3.28 2.29	d Oxyger b 4.49 3.83 4.48 3.99 3.04 4.55 3.48 3.20 4.41 3.37 2.18 3.86 3.59 2.47 3.25 2.47 3.25 2.28 2.28 Calibrat	Average Average 4.18 2.85 4.23 3.03 4.02 3.20 3.89 2.19 3.73 2.48 3.06 2.29	Dissolve a 73.1 68.5 57.4 72.5 60.6 73.7 64.5 61.8 72.9 63.6 50.8 68.3 65.6 54.6 62.6 58.4	Ambie d Oxyger b 72.9 68.4 57.3 72.6 69.6 60.7 73.5 64.5 61.7 72.9 63.5 50.9 68.2 65.7 55.7 62.5 58.3 52.6	Average 70.7 57.4 71.1 60.7 69.1 61.8 68.2 50.9 67.0 54.7 60.5 52.7 100%:	ature, °C: Salinity, a 31.0 33.2 33.9 30.5 32.4 31.5 32.4 31.5 32.4 31.5 32.5 32.9 31.0 31.4 32.3 30.5 31.2	31 31.2 33.3 33.9 30.4 32.3 33.6 30.4 32.3 33.6 30.4 31.4 32.5 31.3 32.4 33.0 31.1 31.5 32.4 30.2 31.3	Turbidity a 1.35 1.80 2.38 0.96 1.28 1.28 1.28 1.28 1.28 1.28 1.28 1.28	NTU           b           1.34           1.78           2.36           0.95           1.28           1.56           0.91           1.34           1.75           1.10           1.58           2.04           0.97           1.26           1.43           2.27           2.56	Tide State: Average 1.84 1.26 1.33 1.58 1.23 2.04	Mid-Ebb Suspens 7.0 12.0 13.0 9.0 7.0 7.0 7.0 7.0 8.7 7.0 8.7 7.0 8.3 10.0 14.0 6.3 11.0 6.3 11.0 6.3 11.0 8.7 11.0 8.7 7.0 8.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7	6.7 11.0 10.0 8.7 9.3 9.3 15.0 7.3 6.3 9.1 11.0 14.0 7.3 9.7 8.0 12.0 8.3 8.7	Depth Average 10.0 8.5 9.4 11.1 8.1 10.3	Remarks

Salinity Meter:

EM 6167 Calibration Check: EM 6167

34.5 ppt

Thermometer:

Project:	Contract I	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	10/10/2005		v	Veather C	ondition:	Sunny				Ambie	nt Temper	rature,°C:	31			Tide State:	Mid-Floo	d		
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxyger	, mg/L	Dissolve	d Oxygen	, %	Salinity,	ppt	Turbidity	, NTU		Suspend	led Solids	, mg/L	Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MK1 S	15:11			1	28.1	28.2	4.40	4.41		66.9	67.3		31.9	32.0	1.86	1.88		10.0	10.0		
MK1 M	15:12		7	3.5	28.0	27.8	4.35	4.33	4.37	65.7	65.8	66.4	32.2	32.4	1.93	1.95	1.94	17.0	18.0	13.7	
MK1 B	15:14	1		6	27.7	27.6	4.10	4.13	4.12	63.9	64.1	64.0	32.4	32.5	2.01	2.02		13.0	14.0		
MK2 S	15:26			1	28.0	27.9	4.78	4.80		76.3	76.5		32.0	32.3	1.05	1.05		17.0	12.0		
MK2 M	15:28	-	16	8	27.7	27.6	4.37	4.41	4.59	72.3	72.6	74.4	32.4	32.5	1.24	1.31	1.28	13.0	13.0	14.3	
		1	10									60 F					1.20	-		14.5	
MK2 B	15:34			15	27.3	27.3	4.13	4.15	4.14	69.3	69.6	69.5	32.9	32.8	1.49	1.53		16.0	15.0		
MK3 S	14:40	-		1	28.2	28.2	4.85	4.86	4.70	77.9	78.0	76.2	32.2	32.0	0.75	0.79		10.0	10.0		
MK3 M	14:41		7	3.5	27.9	27.8	4.54	4.56		74.3	74.5		32.3	32.3	0.97	1.01	0.94	13.0	14.0	11.8	
MK3 B	14:43			6	27.5	27.4	4.28	4.31	4.30	72.0	71.8	71.9	32.8	32.7	1.08	1.06		13.0	11.0		
MK4 S	14:52			1	28.2	28.3	4.81	4.79	4.69	76.3	76.1	74.1	32.0	31.9	1.55	1.49		14.0	15.0		
MK4 M	14:54		15	7.5	27.7	27.8	4.57	4.58	4.05	72.0	72.1	74.1	32.4	32.3	1.64	1.62	1.63	15.0	16.0	15.2	
MK4 B	15:00			14	27.0	27.1	4.17	4.18	4.18	68.7	68.5	68.6	32.7	32.6	1.72	1.75		15.0	16.0		
CK1 S	15:42			1	28.5	28.3	4.35	4.37		73.8	73.7		32.0	32.1	1.53	1.55		15.0	13.0		
CK1 M	15:44	1	17	8.5	28.0	27.9	4.13	4.15	4.25	70.9	71.2	72.4	32.3	32.3	1.62	1.65	1.63	12.0	14.0	12.8	
CK1 B	15:51	1		16	27.2	27.3	4.01	4.03	4.02	65.6	65.8	65.7	32.5	32.6	1.69	1.71		12.0	11.0		
CK2 S	15:59			1	28.2	28.1	4.51	4.53		76.3	76.4		31.7	31.9	1.41	1.43		14.0	14.0		
	16:01	1	16					4.08	4.30			74.7					1.59			12.3	
CK2 M		-	10	8	27.8	27.7	4.06			72.9	73.1		32.1	32.3	1.58	1.55	1.59	10.0	13.0	12.5	
CK2 B	16:07			15	27.1	27.0	3.87	3.89	3.88	69.7	69.9	69.8	32.4	32.5	1.73	1.81		11.0	12.0		
Equipmen	t usad:	Dissolved Ox	vaen Mete	r	EM	6167		Calibrat	ion Check:		100	100%:					Sampled I	Byr	K.M.YUN	JG	
Equipmen	it useu.																	-			
		Turbidity Met			EM	2365			ion Check:		9.9	NTU					Checked I	ву:	Raymon		
		Salinity Mete	r:		EM	6167		Calibrat	ion Check:		34.5	ppt					Date:		17/10/20	05	
		Thermomete	r:		EM	6167															
Project:	Contract I	Thermomete					au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429			
		No. CV/2004/0	12 Reconst	ruction of Wo	ong Shek	and Ko L		Public Pie	rs										-		
Date of	Sampling:	No. CV/2004/0	)2 Reconst	ruction of Wo	ong Shek Veather C	and Ko L	Sunny			Dissolve	Ambie	nt Temper	rature,⁰C:	31			Job No.: Fide State:	Mid-Ebb		s, mg/L	Remarks
		No. CV/2004/0	12 Reconst	ruction of Wo	ong Shek Veather C	and Ko L	Sunny			Dissolve a	Ambie d Oxygen	nt Temper		31				Mid-Ebb	- led Solids	Depth	Remarks
Date of	Sampling:	No. CV/2004/0 10/10/2005 Sea	02 Reconst	ruction of Wo	ong Shek Veather C Tempera	and Ko L condition: ature, °C	Sunny Dissolve	d Oxygen	, mg/L		Ambie d Oxygen	nt Temper	ature,⁰C: Salinity,	31 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb			Remarks
Date of Station MK1 S	Sampling: Time 13:54	No. CV/2004/0 10/10/2005 Sea	02 Reconst	Sampling Depth,m	Veather C Tempera a 27.9	and Ko L Condition: ture, °C b 27.9	Sunny Dissolve a 4.26	d Oxygen b 4.27	, mg/L	a 69.3	Ambie d Oxygen b 69.1	nt Temper	Salinity, a 32.3	31 ppt b 32.3	Turbidity a 1.60	, NTU b 1.62	Fide State:	Mid-Ebb Suspend	led Solids 17.0	Depth	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 13:54 13:55	No. CV/2004/0 10/10/2005 Sea	02 Reconst	V Sampling Depth,m 1 3.5	Veather C Tempera a 27.9 27.8	and Ko L condition: ature, °C b 27.9 27.7	Sunny Dissolve a 4.26 4.19	d Oxygen b 4.27 4.19	, mg/L Average 4.23	a 69.3 67.6	Ambie d Oxygen b 69.1 67.3	nt Temper , % Average 68.3	sature,°C: Salinity, a 32.3 32.6	31 ppt 32.3 32.8	Turbidity a 1.60 1.63	, NTU b 1.62 1.66	Fide State: Average	Mid-Ebb Suspend 19.0 20.0	17.0 20.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 13:54 13:55 13:57	No. CV/2004/0 10/10/2005 Sea	02 Reconst	V Sampling Depth,m 1 3.5 6	Veather C Tempera a 27.9 27.8 27.6	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5	Sunny Dissolve a 4.26 4.19 4.13	d Oxygen b 4.27 4.19 4.12	, mg/L Average	a 69.3 67.6 65.7	Ambie d Oxygen b 69.1 67.3 65.0	nt Temper , % Average	alinity, a 32.3 32.6 33.0	31 ppt 32.3 32.8 32.9	Turbidity a 1.60 1.63 1.80	NTU b 1.62 1.66 1.79	Fide State: Average	Mid-Ebb Suspend 19.0 20.0 13.0	17.0 20.0 13.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 13:54 13:55 13:57 14:07	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7	V Sampling Depth,m 1 3.5 6 1	Veather C Tempera a 27.9 27.8 27.6 27.9	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5 27.9	Sunny Dissolve a 4.26 4.19 4.13 4.83	d Oxygen b 4.27 4.19 4.12 4.84	, mg/L Average 4.23	a 69.3 67.6 65.7 75.1	Ambie d Oxygen b 69.1 67.3 65.0 75.5	nt Temper , % Average 68.3	sature, °C: Salinity, a 32.3 32.6 33.0 31.8	31 ppt 32.3 32.8 32.9 31.9	Turbidity a 1.60 1.63 1.80 0.93	NTU b 1.62 1.66 1.79 0.94	Fide State: Average 1.68	Mid-Ebb Suspend 19.0 20.0 13.0 13.0	17.0 20.0 13.0 15.0	Depth Average 17.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 13:54 13:55 13:57 14:07 14:09	No. CV/2004/0 10/10/2005 Sea	02 Reconst	V Sampling Depth,m 1 3.5 6 1 8	Tempera           a           27.9           27.8           27.6           27.9           27.6	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5 27.9 27.9 27.7	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53	d Oxyger b 4.27 4.19 4.12 4.84 4.54	, mg/L Average 4.23 4.13 4.69	a 69.3 67.6 65.7 75.1 69.6	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9	nt Temper , % Average 68.3 65.4 72.5	ature,°C: Salinity, a 32.3 32.6 33.0 31.8 32.1	31 ppt 32.3 32.8 32.9 31.9 32.2	Turbidity a 1.60 1.63 1.80 0.93 1.03	NTU b 1.62 1.66 1.79 0.94 1.05	Fide State: Average	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0	17.0 20.0 13.0 15.0 12.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7	Sampling Depth,m 1 3.5 6 1 8 15	Tempera           27.9           27.6           27.9	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5 27.9 27.7 27.4	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34	d Oxygen b 4.27 4.19 4.12 4.84 4.54 4.37	, mg/L Average 4.23 4.13	a 69.3 67.6 65.7 75.1 69.6 66.9	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7	nt Temper , % Average 68.3 65.4	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4	31 ppt 32.3 32.8 32.9 31.9 32.2 32.6	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56	NTU b 1.62 1.66 1.79 0.94 1.05 1.58	Fide State: Average 1.68	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0 13.0	17.0 20.0 13.0 15.0 12.0 10.0	Depth Average 17.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 13:54 13:55 13:57 14:07 14:09	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16	V Sampling Depth,m 1 3.5 6 1 8	Tempera           a           27.9           27.8           27.6           27.9           27.6	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5 27.9 27.9 27.7	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53	d Oxyger b 4.27 4.19 4.12 4.84 4.54	, mg/L Average 4.23 4.13 4.69	a 69.3 67.6 65.7 75.1 69.6	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9	nt Temper , % Average 68.3 65.4 72.5	ature,°C: Salinity, a 32.3 32.6 33.0 31.8 32.1	31 ppt 32.3 32.8 32.9 31.9 32.2	Turbidity a 1.60 1.63 1.80 0.93 1.03	NTU b 1.62 1.66 1.79 0.94 1.05	Fide State: Average 1.68	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0	17.0 20.0 13.0 15.0 12.0	Depth Average 17.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7	Sampling Depth,m 1 3.5 6 1 8 15	Tempera           27.9           27.6           27.9	and Ko L condition: ature, <sup>o</sup> C b 27.9 27.7 27.5 27.9 27.7 27.4	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34	d Oxygen b 4.27 4.19 4.12 4.84 4.54 4.37	, mg/L Average 4.23 4.13 4.69 4.36	a 69.3 67.6 65.7 75.1 69.6 66.9	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7	nt Temper , % Average 68.3 65.4 72.5 66.8	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4	31 ppt 32.3 32.8 32.9 31.9 32.2 32.6	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56	NTU b 1.62 1.66 1.79 0.94 1.05 1.58	Fide State: Average 1.68	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0 13.0	17.0 20.0 13.0 15.0 12.0 10.0	Depth Average 17.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16	V Sampling Depth,m 1 3.5 6 1 8 15 1 1	Tempera           27.9           27.6           27.9           27.6           27.3           28.1	and Ko L condition: ature, "C b 27.9 27.7 27.5 27.9 27.7 27.7 27.4 28.0	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86	d Oxygen b 4.27 4.19 4.12 4.84 4.54 4.37 4.89	, mg/L Average 4.23 4.13 4.69 4.36	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2	nt Temper , % Average 68.3 65.4 72.5 66.8	Salinity,           a           32.3           32.6           33.0           31.8           32.1           32.4           32.1	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83	Tide State: Average 1.68 1.18	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0 13.0 14.0 12.0	International         International           17.0         20.0           13.0         15.0           12.0         10.0           15.0         15.0	Depth Average 17.0 12.8	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16	V           Sampling           Depth,m           1           3.5           6           1           8           15           1           3	Tempera           a           27.9           27.8           27.6           27.3           27.4           27.5	and Ko L ondition: ture, <sup>o</sup> C 27.9 27.7 27.5 27.9 27.7 27.4 28.0 27.9 27.9	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80	d Oxygen b 4.27 4.19 4.12 4.84 4.54 4.37 4.89 4.84	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 73.5	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.4 32.1	31 ppt 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 0.95	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98	Tide State: Average 1.68 1.18	Mid-Ebb Suspend 19.0 20.0 13.0 13.0 14.0 13.0 14.0 13.0 10.0	17.0 20.0 13.0 15.0 12.0 10.0 15.0 13.0	Depth Average 17.0 12.8	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 B MK2 B MK3 S MK3 B	Sampling: Time 13:55 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16	V Sampling Depth,m 1 3.5 6 1 1 8 15 1 3 5	Shek           Veather C           Tempera           a           27.9           27.8           27.9           27.6           27.3           28.1           27.8           27.4	and Ko L condition: ture, <u>*C</u> b 27.9 27.7 27.5 27.9 27.7 27.4 28.0 27.9 27.5 27.9	Sunny           Dissolve           a           4.26           4.13           4.83           4.53           4.34           4.86           4.80           4.63	d Oxygen b 4.27 4.19 4.12 4.84 4.54 4.37 4.89 4.84 4.66	.mg/L Average 4.23 4.13 4.69 4.36 4.85	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 73.5 67.8	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.1 32.4 32.1 32.3 32.7	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 0.95 1.03	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06	Tide State: Average 1.68 1.18	Mid-Ebb Suspend 20.0 13.0 13.0 14.0 13.0 14.0 10.0 16.0	17.0           20.0           13.0           15.0           12.0           10.0           15.0           14.0	Depth Average 17.0 12.8	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 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7 16 6	v           Sampling           Depth,m           1           3.5           6           1           8           15           1           3           5           1	veather C Tempera 27.9 27.8 27.6 27.9 27.6 27.3 28.1 27.8 28.1 27.8 27.4 28.1	and Ko L condition: 27.9 27.7 27.5 27.9 27.7 27.4 28.0 27.9 27.5 28.1	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.53           4.86           4.80           4.85	d Oxyger b 4.27 4.19 4.12 4.84 4.54 4.54 4.54 4.89 4.84 4.66 4.86	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 73.5 67.8 74.9	Ambie d Oxygen b 69.1 67.3 65.0 75.5 68.9 66.7 77.2 73.7 68.3 74.6	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1	Salinity,         a           32.3         32.6           33.0         31.8           32.1         32.1           32.3         32.7           32.1         32.1	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.03 1.03 1.70	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68	Tide State: Average 1.68 1.18 0.94	Mid-Ebb Suspenc 20.0 13.0 14.0 12.0 10.0 16.0 11.0	International         International           17.0         20.0           13.0         13.0           15.0         12.0           10.0         15.0           13.0         14.0           13.0         13.0	Depth Average 17.0 12.8 13.3	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 S MK3 M MK3 S MK3 B MK4 S	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7 16 6	v           Sampling           Depth,m           1           3.5           6           1           8           15           1           3           5           1           7	ng Shek Veather C Tempera 27.9 27.8 27.6 27.9 27.6 27.3 28.1 27.8 27.4 28.1 27.7	and Ko L condition: 27.9 27.7 27.5 27.7 27.4 28.0 27.9 27.9 27.4 28.0 27.9 27.5 28.1 27.5	Sunny Dissolve a 4.26 4.19 4.13 4.53 4.53 4.34 4.86 4.86 4.80 4.63 4.85 4.53	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.37           4.84           4.66           4.86           4.51	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 73.5 67.8 74.9 71.4	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.1 32.4	31 ppt b 32.3 32.8 32.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.2 32.6	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 1.03 1.70 1.77	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.93 1.06 1.68 1.80	Tide State: Average 1.68 1.18 0.94	Mid-Ebb Suspenc 19.0 20.0 13.0 13.0 14.0 13.0 14.0 10.0 16.0 11.0 11.0	17.0 20.0 13.0 15.0 12.0 10.0 15.0 13.0 14.0 13.0 14.0	Depth Average 17.0 12.8 13.3	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:53	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16 6 14	V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 7 7 13 1 1	ong Shek Veather C 27.9 27.8 27.6 27.3 28.1 27.4 28.1 27.4 28.1 27.7 27.2 28.3	and Ko L condition: ture, °C 27.9 27.7 27.7 27.4 28.0 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 27.3 28.1	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80           4.63           4.63           4.53           4.28           4.80           4.83           4.84	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.37           4.89           4.84           4.66           4.86           4.51           4.25           4.92	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 67.8 74.9 74.9 71.4 65.5 76.6	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5 65.3 76.4	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.1 32.4 32.5 31.8	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.7	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 0.95 1.03 1.70 1.77 1.90	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68 1.80 1.90 1.24	Tide State: Average 1.68 1.18 0.94 1.79	Mid-Ebb Suspenc 18.0 20.0 13.0 13.0 14.0 13.0 10.0 16.0 11.0 11.0 11.0 13.0	17.0 20.0 13.0 15.0 12.0 10.0 15.0 13.0 14.0 13.0 14.0 17.0 20.0 12.0	Depth Average 17.0 12.8 13.3 15.2	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	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55	No. CV/2004/0 10/10/2005 Sea	Overall Depth, m 7 16 6	v           Sampling Depth,m           1           3.5           6           1           8           15           1           3           5           1           7           13           1           8	ng Shek Veather C 27.9 27.8 27.6 27.6 27.6 27.3 28.1 27.8 27.4 28.1 27.7 27.2 28.3 27.4	and Ko L condition: 27.9 27.7 27.5 27.7 27.7 27.4 28.0 27.9 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 28.1 27.3 28.1 27.3	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80           4.63           4.85           4.53           4.85           4.53           4.85           4.53           4.85           4.53           4.85           4.53           4.53	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.84           4.84           4.86           4.86           4.51           4.25           4.92           4.51	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71	a           69.3           67.6           65.7           75.1           68.6           66.9           77.5           73.5           67.8           74.9           71.4           65.5           76.6           68.4	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5 65.3 76.4 68.7	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5	ature, °C: <u>Salinity</u> , a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.1 32.3 32.7 32.1 32.3 32.3 32.3 32.3 32.3 32.3 32.3 32.3 32.3 32.4 32.3 32.3 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 33.0 32.5 32	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.9 32.7 31.9	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 1.03 1.70 1.77 1.90 1.23 1.27	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.88 1.80 1.90 1.24 1.31	Tide State: Average 1.68 1.18 0.94	Mid-Ebb Suspenc 19.0 20.0 13.0 13.0 14.0 13.0 12.0 10.0 16.0 11.0 11.0 11.0 11.0 11.0 15.0 16.0	17.0           20.0           13.0           15.0           12.0           15.0           13.0           14.0           13.0           14.0           12.0           12.0           12.0	Depth Average 17.0 12.8 13.3	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	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55 13:55 14:01	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16 6 14	ruction of Wo V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 1 3 5 1 1 7 13 1 1 8 15	ong Shek Veather C 27.9 27.8 27.6 27.9 27.6 27.9 27.6 27.3 28.1 27.8 27.4 28.1 27.7 27.2 28.3 27.4 28.3 27.4 26.6	and Ko L condition: 27.9 27.7 27.5 27.9 27.7 27.4 28.0 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 27.3 28.1 27.3 28.1 27.3	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.83           4.83           4.84           4.85           4.86           4.80           4.86           4.80           4.83           4.84           4.86           4.80           4.85           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.54	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.84           4.66           4.84	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24	a           69.3           67.6           65.7           75.1           69.6           77.5           73.5           67.8           74.9           71.4           65.5           76.6           68.4           60.3	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5 65.3 76.4 68.7 76.4 68.7 60.4	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.3 32.7 32.4 32.3 32.7 32.4 32.3 32.7 32.4 32.3 32.5 31.8 32.0 32.4 32.3 32.5 32.4 32.5 32.4 32.5 32.5 32.4 32.5	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.7 31.9 32.2 32.6 32.7 31.7 31.9	Turbidity           1.60           1.63           1.83           1.80           0.93           1.03           1.56           0.81           0.95           1.03           1.70           1.77           1.90           1.23           1.27           1.50	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68 1.80 1.90 1.24 1.31	Tide State: Average 1.68 1.18 0.94 1.79	Mid-Ebb Suspenc 19.0 20.0 13.0 13.0 14.0 13.0 14.0 10.0 16.0 11.0 11.0 11.0 11.0 11.0 11	17.0 20.0 13.0 15.0 12.0 15.0 15.0 15.0 15.0 13.0 14.0 13.0 14.0 20.0 12.0 12.0 14.0	Depth Average 17.0 12.8 13.3 15.2	Remarks
Date of Station MK1 S MK1 M MK2 B 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 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55	No. CV/2004/0 10/10/2005 Sea	2 Reconst Depth, m 7 16 6 14 16	v           Sampling Depth,m           1           3.5           6           1           8           15           1           3           5           1           7           13           1           8	ng Shek Veather C 27.9 27.8 27.6 27.6 27.6 27.3 28.1 27.8 27.4 28.1 27.7 27.2 28.3 27.4	and Ko L condition: 27.9 27.7 27.5 27.7 27.7 27.4 28.0 27.9 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 28.1 27.3 28.1 27.3	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80           4.63           4.85           4.53           4.85           4.53           4.85           4.53           4.85           4.53           4.85           4.53           4.53	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.84           4.84           4.86           4.86           4.51           4.25           4.92           4.51	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71	a           69.3           67.6           65.7           75.1           68.6           66.9           77.5           73.5           67.8           74.9           71.4           65.5           76.6           68.4	Ambie d Oxygen b 69.1 67.3 65.0 75.5 68.9 77.2 77.2 77.2 73.7 74.6 71.5 65.3 76.4 68.7 60.4 69.7 60.4	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.7 32.7 32.7 32.7 32.3 32.7 32.3 32.3 32.3 32.6 32.3 32.3 32.3 32.7	31 ppt b 32.3 32.8 32.9 32.9 32.2 32.6 32.2 32.6 32.2 32.4 32.8 32.2 32.6 32.7 31.9 32.2 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.2 32.6 32.9 32.2 32.6 32.2 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.2 32.6 32.9 32.2 32.6 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.9 32.2 32.6 32.6 32.7 32.6 32.7 32.8 32.9 32.9 32.9 32.2 32.6 32.7 32.6 32.7 32.7 32.7 32.8 32.9 32.9 32.9 32.9 32.9 32.9 32.9 32.7 32.6 32.7	Turbidity           1.60           1.63           1.80           0.93           1.03           1.56           0.81           0.95           1.03           1.70           1.70           1.90           1.23           1.27           1.50	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68 1.80 1.90 1.24 1.31 1.52	Fide State: Average 1.68 1.18 0.94 1.79 1.35	Mid-Ebb Suspenc 19.0 20.0 13.0 14.0 14.0 10.0 14.0 10.0 11.0 11.0 11	International           17.0           20.0           13.0           15.0           12.0           10.0           15.0           13.0           14.0           13.0           14.0           12.0           12.0           12.0           12.0           14.0	Depth Average 17.0 12.8 13.3 15.2 13.5	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	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55 13:55 14:01	No. CV/2004/0 10/10/2005 Sea	2 Reconst Overall Depth, m 7 16 6 14	ruction of Wo V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 1 3 5 1 1 7 13 1 1 8 15	ong Shek Veather C 27.9 27.8 27.6 27.9 27.6 27.9 27.6 27.3 28.1 27.8 27.4 28.1 27.7 27.2 28.3 27.4 28.3 27.4 26.6	and Ko L condition: 27.9 27.7 27.5 27.9 27.7 27.4 28.0 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 27.3 28.1 27.3 28.1 27.3	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.83           4.83           4.84           4.85           4.86           4.80           4.86           4.80           4.83           4.84           4.86           4.80           4.85           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.54	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.84           4.66           4.84	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71 4.44	a           69.3           67.6           65.7           75.1           69.6           77.5           73.5           67.8           74.9           71.4           65.5           76.6           68.4           60.3	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5 65.3 76.4 68.7 76.4 68.7 60.4	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5 60.4	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.3 32.7 32.4 32.3 32.7 32.4 32.3 32.7 32.4 32.3 32.5 31.8 32.0 32.4 32.3 32.5 32.4 32.5 32.4 32.5 32.5 32.4 32.5	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.7 31.9 32.2 32.6 32.7 31.7 31.9	Turbidity           1.60           1.63           1.83           1.80           0.93           1.03           1.56           0.81           0.95           1.03           1.70           1.77           1.90           1.23           1.27           1.50	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68 1.80 1.90 1.24 1.31	Tide State: Average 1.68 1.18 0.94 1.79	Mid-Ebb Suspenc 19.0 20.0 13.0 13.0 14.0 13.0 14.0 10.0 16.0 11.0 11.0 11.0 11.0 11.0 11	17.0 20.0 13.0 15.0 12.0 15.0 15.0 15.0 15.0 13.0 14.0 13.0 14.0 20.0 12.0 12.0 14.0	Depth Average 17.0 12.8 13.3 15.2	Remarks
Date of Station MK1 S MK1 M MK2 B 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 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:20 13:34 13:36 13:41 13:55 14:01 14:07	No. CV/2004/0 10/10/2005 Sea	2 Reconst Depth, m 7 16 6 14 16	V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 1 7 7 13 1 1 8 15 1 1 8 15 1	ong Shek Veather C 27.9 27.8 27.6 27.3 28.1 27.4 28.1 27.7 27.2 28.3 27.4 28.3 27.4 28.1	and Ko L condition: 27.9 27.7 27.7 27.7 27.4 28.0 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 28.1 27.3 28.1 27.3 28.1 27.3 28.1 27.3 28.1	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.63           4.63           4.63           4.80           4.63           4.83           4.63           4.63           4.53           4.23           4.89           4.50           4.43	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.84           4.84           4.84           4.66           4.84           4.84           4.66           4.84           4.85           4.84           4.66           4.51           4.25           4.92           4.51           4.45	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71 4.44	a 69.3 67.6 65.7 75.1 69.6 66.9 77.5 67.8 74.9 71.4 65.5 76.6 68.4 60.3	Ambie d Oxygen b 69.1 67.3 65.0 75.5 68.9 77.2 77.2 77.2 73.7 74.6 71.5 65.3 76.4 68.7 60.4 69.7 60.4	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5 60.4	ature, °C: Salinity, a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.7 32.7 32.7 32.7 32.3 32.7 32.3 32.3 32.3 32.6 32.3 32.3 32.3 32.7	31 ppt b 32.3 32.8 32.9 32.9 32.2 32.6 32.2 32.6 32.2 32.4 32.8 32.2 32.6 32.7 31.9 32.2 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.2 32.6 32.9 32.2 32.6 32.2 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.2 32.6 32.9 32.2 32.6 32.6 32.7 32.8 32.9 32.2 32.6 32.9 32.9 32.2 32.6 32.6 32.7 32.6 32.7 32.6 32.7 32.7 32.6 32.7	Turbidity           1.60           1.63           1.80           0.93           1.03           1.56           0.81           0.95           1.03           1.70           1.70           1.90           1.23           1.27           1.50	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.83 0.98 1.06 1.68 1.80 1.90 1.24 1.31 1.52	Fide State: Average 1.68 1.18 0.94 1.79 1.35	Mid-Ebb Suspenc 19.0 20.0 13.0 14.0 14.0 10.0 14.0 10.0 11.0 11.0 11	International           17.0           20.0           13.0           15.0           12.0           10.0           15.0           13.0           14.0           13.0           14.0           12.0           12.0           12.0           12.0           14.0	Depth Average 17.0 12.8 13.3 15.2 13.5	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 M MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M CK2 B	Sampling: Time 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55 14:01 14:07 14:09 14:15	No. CV/2004/C	2 Reconst Depth, m 7 16 6 14 16 15	ruction of Wo V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 1 3 5 7 1 13 1 7 7 13 1 1 8 15 1 1 7 7 13 1 1 5 11 1 7 13 11 1 7 13 15 11 1 7 13 15 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ong Shek Veather C 27.9 27.8 27.6 27.9 27.6 27.9 27.6 27.3 28.1 27.4 28.1 27.7 27.2 28.3 27.4 28.3 27.4 28.3 27.4 28.3 27.4 28.3 27.4 28.3 27.4 28.3 27.4 28.3 27.4 28.5 27.9 27.8 27.9 27.8 27.9 27.9 27.8 27.9 27.9 27.6 27.9 27.9 27.9 27.9 27.9 27.9 27.9 27.9	and Ko L icondition: 27.9 27.7 27.5 27.7 27.7 27.4 28.0 27.9 27.7 27.4 28.0 27.9 27.5 28.1 27.6 27.3 28.1 27.3 28.1 27.3 28.8 28.0 27.3 26.8 28.0 27.4 26.9	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80           4.63           4.85           4.53           4.85           4.53           4.85           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.55           4.37	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.37           4.84           4.66           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.51           4.25           4.51           4.51           4.57           4.40           4.33	, mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71 4.44 4.47 4.32	a           69.3           67.6           65.7           75.1           68.6           66.9           77.5           67.8           74.9           71.4           65.5           76.6           68.4           60.3           70.3           66.1	Ambie d Oxygen b 69.1 67.3 65.0 77.5 69.9 66.7 77.2 73.7 74.6 71.5 65.3 76.4 65.3 76.4 68.7 60.4 69.7 65.8 61.0	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5 60.4 68.0 60.9	ature, °C: <u>Salinity,</u> a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.1 32.3 32.7 32.1 32.3 32.4 32.3 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.1 32.3 32.1 32.3 32.3 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.1 32.1 32.1 32.3 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.2 32.1 32.0 32.3 32.0 32	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.9 32.2 32.6 32.7 31.9 32.2 32.6 32.2 32.8 32.9	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 1.03 1.70 1.77 1.90 1.23 1.27 1.50 1.40 1.65	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.93 1.05 1.58 1.06 1.80 1.80 1.90 1.24 1.31 1.52 1.41 1.67	Fide State: Average 1.68 1.18 0.94 1.79 1.35 1.64	Mid-Ebb Suspenc 19.0 20.0 13.0 14.0 13.0 14.0 14.0 10.0 16.0 11.0 11.0 11.0 15.0 14.0 15.0 11.0 13.0	17.0           20.0           13.0           15.0           12.0           15.0           12.0           13.0           14.0           13.0           14.0           12.0           14.0           12.0           12.0           12.0           12.0           14.0           12.0           14.0           12.0           14.0           16.0	Depth Average 17.0 12.8 13.3 15.2 13.5 12.6	Remarks
Date of Station MK1 S MK1 M MK1 B 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 13:54 13:55 13:57 14:07 14:09 14:15 13:18 13:18 13:20 13:34 13:36 13:41 13:55 14:01 14:07 14:09 14:15	No. CV/2004/0 10/10/2005	2 Reconst Depth, m 7 16 6 14 16 15	ruction of Wo V Sampling Depth,m 1 3.5 6 1 8 15 1 3 5 1 1 3 5 7 1 13 1 7 7 13 1 1 8 15 1 1 7 7 13 1 1 5 11 1 7 13 11 1 7 13 15 11 1 7 13 15 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng Shek Veather C 27.9 27.8 27.6 27.6 27.3 28.1 27.4 28.1 27.7 27.2 28.3 27.4 28.3 27.4 28.3 27.4 26.6 28.3	and Ko L condition: 27.9 27.7 27.5 27.7 27.4 28.0 27.9 27.4 28.0 27.9 27.5 28.1 27.6 28.1 27.3 28.1 27.3 28.1 27.3 28.1 27.3 28.1 27.3 28.1 27.3 28.1 27.3	Sunny           Dissolve           a           4.26           4.19           4.13           4.83           4.53           4.34           4.86           4.80           4.63           4.85           4.53           4.85           4.53           4.85           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.53           4.55           4.37	d Oxygen           b           4.27           4.19           4.12           4.84           4.54           4.37           4.84           4.66           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.84           4.51           4.25           4.51           4.51           4.57           4.40           4.33	. mg/L Average 4.23 4.13 4.69 4.36 4.85 4.65 4.69 4.24 4.71 4.44 4.47	a           69.3           67.6           65.7           75.1           68.6           66.9           77.5           67.8           74.9           71.4           65.5           76.6           68.4           60.3           70.3           66.1	Ambie d Oxygen b 69.1 67.3 65.0 75.5 69.9 66.7 77.2 73.7 68.3 74.6 71.5 65.3 76.4 68.7 66.4 69.7 60.4 69.7 65.8	nt Temper , % Average 68.3 65.4 72.5 66.8 75.5 68.1 73.1 65.4 72.5 60.4 68.0	ature, °C: <u>Salinity,</u> a 32.3 32.6 33.0 31.8 32.1 32.4 32.1 32.3 32.7 32.1 32.3 32.7 32.1 32.3 32.4 32.3 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.0 32.3 32.1 32.3 32.1 32.3 32.3 32.3 32.1 32.3 32.1 32.3 32.1 32.3 32.1 32.1 32.1 32.1 32.3 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.1 32.2 32.1 32.0 32.3 32.0 32	31 ppt b 32.3 32.8 32.9 31.9 32.2 32.6 32.0 32.4 32.8 32.2 32.6 32.7 31.9 32.2 32.6 32.7 31.9 32.2 32.6 32.2 32.8 32.9	Turbidity a 1.60 1.63 1.80 0.93 1.03 1.56 0.81 1.03 1.70 1.77 1.90 1.23 1.27 1.50 1.40 1.65	NTU b 1.62 1.66 1.79 0.94 1.05 1.58 0.93 1.05 1.58 1.06 1.80 1.80 1.90 1.24 1.31 1.52 1.41 1.67	Fide State: Average 1.68 1.18 0.94 1.79 1.35	Mid-Ebb Suspenc 19.0 20.0 13.0 14.0 13.0 14.0 14.0 10.0 16.0 11.0 11.0 11.0 15.0 14.0 15.0 11.0 13.0	Interface         Interface           17.0         20.0           13.0         15.0           12.0         10.0           15.0         13.0           14.0         13.0           17.0         20.0           12.0         14.0           12.0         12.0           12.0         12.0           12.0         12.0           12.0         14.0	Depth Average 17.0 12.8 13.3 15.2 13.5 13.5 12.6	Remarks

Salinity Meter:

34.5 ppt

Date: 17/10/2005

Thermometer:

EM 6167 Calibration Check: 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: 12/10/2005 Weather Condition: Sunny Ambient Temperature,ºC: 30 Tide State: Mid-Flood Temperature, °C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Turbidity, NTU a b Station Overall Sampling Salinity, ppt a b Suspended Solids, Remarks Time mg/L Condition )epth,m Average Average Depth, m verage MK1 S 15:50 1 27.8 4 56 4 55 69.8 69.7 31.4 31.3 1.43 1.44 14.0 27.7 16.0 4.44 67.5 MK1 M 15:51 7 3.5 27.5 27.5 4.31 4.32 65.1 65.2 31.7 31.7 2.07 2.48 2.01 10.0 9.0 10.5 MK1 B 15:53 27.1 4.07 6 27.0 4.08 4.08 61.9 61.7 61.8 31.8 31.9 2.30 2.32 7.3 6.7 MK2 S 16:02 1 27.6 27.6 4.63 4.63 71.3 71.4 30.9 30.8 0.93 0.95 8.0 9.7 4.56 69.7 MK2 M 16:04 16 27.1 4.50 4.49 68.0 68.1 31.2 31.2 1.04 1.21 13.0 14.0 9.9 27.1 1.05 8 MK2 B 16:10 15 26.8 26.8 4.28 4.27 4.28 64.3 64.2 64.3 31.6 31.7 1.63 1.65 7.7 7.0 MK3 S 15:39 27.7 27.7 4.52 4.53 68.3 68.5 31.1 31.2 1.13 1.15 13.0 11.0 1 4.46 67.3 15:40 7 MK3 M 3.5 27.3 27.4 4.38 4.40 66.0 66.2 31.5 31.5 1.40 1.43 1.36 14.0 11.0 12.0 МКЗ В 15:42 6 27.0 4.29 4.30 4.30 65.1 65.2 31.7 31.8 1.51 1.52 11.0 27.1 65.2 12.0 MK4 S 16:15 4.67 69.9 10.0 27.9 27.8 4.65 69.8 31.3 31.3 0.83 0.86 11.0 1 4.56 67.5 MK4 M 16:17 15 7.5 27.5 27.5 4.45 4.45 65.1 65.3 31.5 31.6 1.17 1.20 1.24 8.3 9.7 12.8 MK4 B 16:23 4.33 4.31 62.0 61.9 31.9 1.67 17.0 14 27.0 27.1 4.32 62.0 31.9 1.70 21.0 CK1 S 16:29 1 27.8 27.7 4.77 4.78 75.6 75.8 31.2 31.3 0.69 0.69 12.0 9.0 4.64 73.0 70.3 70.3 1.12 CK1 M 16:31 17 8.5 27.2 27.2 4.50 4.52 31.5 31.4 1.10 1.17 5.7 9.7 10.6 CK1 B 16:38 16 26.8 26.7 4.37 4.37 4.37 67.9 67.8 67.9 31.9 32.0 1.70 1.69 14.0 13.0 CK2 S 16:42 73.3 1.14 1 27.9 27.8 4.80 4.78 73.4 30.9 31.0 1.10 9.7 7.0 4.70 71.8 CK2 M 16:44 16 8 27.3 27.4 4.59 4.61 70.1 70.2 31.3 31.4 1.43 1.45 1.53 13.0 12.0 12.3 26.9 4.37 4.38 4.38 68.4 31.8 CK2 B 16:50 15 26.8 68.3 68.4 31.9 2.03 2.05 19.0 13.0 Calibration Check: 0mg/L: 100 100%: Equipment used: Dissolved Oxygen Meter: 6167 Sampled By: K.M.YUNG EM 9.8 NTU 2365 Calibration Check: Checked By: Turbidity Meter: EM Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 19/10/2005 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: 12/10/2005 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, mg/L Remarks Time Salinity, ppt Condition Depth, m . Depth,m b b Average b verag verage b а а а b а а eptł verage MK1 S 10:50 27.6 27.6 4.15 4.14 63.0 62.9 31.4 31.4 1.56 13.0 1 1.53 16.0 4.07 61.8 MK1 M 10.50 6 3 27.5 27.5 4 00 3 98 60.5 60.7 31.6 31.7 1.31 1.33 1.60 10.0 95 11.9 MK1 B 10:52 5 27.3 27.2 3.83 3.85 3.84 57.5 57.4 57.5 31.8 31.8 1.93 1.95 11.0 12.0 MK2 S 11:02 1 27.6 27.5 4.38 4.37 67.0 67.2 31.5 31.4 1.18 11.0 16.0 1.15 4.29 65.7 15 1.48 12.7 MK2 M 11:04 7.5 27.3 4.20 4.19 64.2 64.3 31.7 1.43 12.0 11.0 27.3 31.7 1.40 MK2 B 11:10 14 27.0 26.9 3.95 3.96 3.96 60.9 60.8 60.9 32.1 32.0 1.87 1.85 11.0 15.0 MK3 S 10:25 27.5 27.5 4.55 4.55 70.9 71.1 31.7 31.6 0.90 0.91 12.0 9.7 4.51 70.1 МКЗ М 10:25 6 3 27.4 27.3 4.46 4.48 69.3 69.2 32.0 31.9 1.23 1.25 1.25 11.0 13.0 10.4 МКЗ В 7.7 10:27 5 27.1 27.1 4.40 4.39 4.40 68.0 68.1 68.1 32.3 32.2 1.61 1.59 8.7 MK4 S 10:36 1 27.6 27.6 4.53 4.51 70.3 70.4 31.5 31.4 1.31 1.33 11.0 13.0 4.48 68.6 MK4 M 10:38 7 27.4 4.43 4.44 67.0 66.8 31.8 31.8 1.78 10.0 14 27.3 1.80 1.73 13.0 14.2 MK4 B 10:43 27.2 4.20 4.22 4.21 62.4 62.4 2.11 13 27.1 62.3 32.1 32.0 2.07 20.0 18.0 CK1 S 11:17 4.73 4.73 73.2 31.3 1.35 1.37 10.0 8.3 1 27.6 27.7 73.1 31.4 4.66 71.6 CK1 M 11.19 16 8 27.2 27.3 4 59 4 60 70 1 69.9 31.8 317 1 75 1 77 1.77 13.0 13.0 11.4 CK1 B 11:25 15 26.9 26.9 4.38 4.37 4.38 65.3 65.2 65.3 32.1 32.0 2.17 2.23 13.0 11.0 CK2 S 11:30 1 27.5 27.5 4.50 4.52 68.7 31.1 31.2 1.63 13.0 13.0 68.8 1.61 4.38 67.0 CK2 M 11:32 15 7.5 27.1 27.2 4.25 4.24 65.2 65.3 31.5 31.5 1.41 1.43 1.69 19.0 14.0 13.8 CK2 B 11:38 14 26.8 26.9 4.08 4.06 4.07 61.3 61.4 61.4 31.8 31.7 2.03 2.05 11.0 13.0

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

EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: K>M>YUNG 9.8 NTU EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 19/10/2005 EM 6167 Thermometer:

### 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: 14/10/2005 Weather Condition: Sunny Ambient Temperature,ºC: 29 Tide State: Mid-Flood Temperature, °C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Av Salinity, ppt a b Turbidity, NTU a b Suspended Solids, mg/L Station Overall Sampling Remarks Time Condition Depth, m )epth,m Average b Average verage MK1 S 15:10 1 28.4 28.5 4 48 4 52 63.4 65.8 34.1 34.3 1.37 1.58 10.0 67 4.56 67.3 MK1 M 15:11 small wave 7 3.5 28.2 28.2 4.67 4.58 70.3 69.7 34.8 34.8 1.17 1.56 1.35 9.3 9.3 9.2 MK1 B 15:13 4.72 6 28.0 28.0 4.66 4.69 70.6 68.4 69.5 34.6 34.7 1.07 1.36 10.0 10.0 MK2 S 15:20 1 28.5 28.5 4.63 4.58 64.4 65.7 34.5 34.5 0.95 1.24 8.7 7.3 4.71 66.3 MK2 M 15:22 small wave 16 28.1 4.77 4.84 67.1 68.0 34.5 34.6 1.40 1.24 8.7 10.0 8.7 8 28.3 1.36 MK2 B 15:28 15 27.9 28.0 4.65 4.65 4.65 66.3 65.6 66.0 34.8 34.8 1.18 1.33 8.0 9.3 MK3 S 16:40 28.4 28.4 4.72 4.70 64.4 66.6 34.4 34.2 0.76 1.04 7.0 9.3 1 4.67 68.1 16:41 MK3 M small wave 8 4 29.2 28.3 4.63 4.64 71.0 70.2 34.6 34.8 1.26 1.37 1.11 9.0 9.3 8.5 МКЗ В 16:44 7 27.9 4.71 4.58 4.65 68.6 34.8 34.6 1.11 1.11 7.3 9.3 28.1 69.8 69.2 MK4 S 16:55 28.4 4.60 4.57 63.7 66.2 34.3 14.0 28.3 34.3 1.40 1.55 9.0 1 4.64 66.6 28.1 MK4 N 16:57 small wave 15 7.5 28.1 4.71 4.67 68.4 67.9 34.5 34.6 1.38 1.27 1.32 12.0 13.0 11.3 MK4 B 17:03 14 27.8 27.7 4.84 4.64 4.74 69.0 71.7 34.5 34.5 12.0 8.0 70.4 1.09 1.20 CK1 S 15:50 1 28.4 28.4 4.71 4.83 66.5 67.2 34.8 34.6 1.58 1.49 7.0 40 4.69 66.7 64.3 68.8 34.5 34.5 1.38 CK1 M 15:52 small wave 16 8 28.0 28.0 4.56 4.66 1.53 1.47 6.7 5.3 6.5 CK1 B 15:58 15 27.7 27.7 4.72 4.63 4.68 67.0 68.4 67.7 34.4 34.4 1.46 1.35 9.0 6.7 CK2 S 15:35 34.7 1.48 1 28.4 28.5 4.58 4.66 67.4 66.9 34.7 1.62 7.0 7.7 4.65 67.9 CK2 M 15:37 18 9 28.1 28.0 4.75 4.62 68.5 68.8 34.4 34.4 1.40 1.34 1.50 6.3 6.7 6.7 CK2 B 15:44 27.7 27.6 4.68 4.82 4.75 70.3 68.5 34.2 34.3 1.52 1.61 5.7 7.0 17 69.4 Equipment used: Dissolved Oxygen Meter: EM 6167 100 100%: Sampled By: Calibration Check: 伊 10.1 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: 6167 EM Calibration Check: 34.5 ppt Date: 21/10/2005 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: 14/10/2005 Weather Condition: Sunny Ambient Temperature,°C: 30 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Salinity, ppt Turbidity, NTU Suspended Solids, mg/L Remarks Time Sea Condition Depth, m Depth,m b b Average b verag verage b epth а а а b а а verage MK1 S 11:00 27.8 27.8 4.24 4.23 65.1 65.4 34.6 34.6 1.36 1.39 8.3 1 9.0 4.24 64.5 MK1 M 11:01 small wave 7 3.5 27.8 27.8 4 31 4 18 64 2 63.4 34.8 34.8 1 27 1 40 1.26 12.0 14.0 10.7 MK1 B 11:03 6 27.8 27.8 4.13 4.08 4.11 65.6 63.7 64.7 34.8 34.8 1.18 0.94 11.0 9.7 MK2 S 11:15 1 27.9 27.9 4.40 4.40 67.6 34.6 34.6 1.42 1.16 15.0 14.0 66.9 4.52 67.3 small wave 13 1.20 6.7 9.1 MK2 M 11:16 4.67 4.61 67.3 67.5 34.9 34.9 0.98 1.23 5.7

MK4 M	10:42	small wave	14	7	27.8	27.8	4.73	4.66		70.3	69.7	00.0	34.9	34.9	1.37	1.14	1.20	8.7	10.0	10.7	
MK4 B	10:47			13	27.6	27.6	4.40	4.43	4.42	71.6	70.8	71.2	35.1	35.1	0.89	1.34		15.0	14.0		
CK1 S	11:35			1	27.7	27.7	4.62	4.60	4.59	71.8	71.6	71.0	34.1	34.4	1.42	1.38		8.0	7.0		
CK1 M	11:37	small wave	15	7.5	27.8	27.8	4.59	4.55	4.59	70.1	70.5	71.0	34.6	34.6	1.36	1.10	1.24	9.7	6.0	7.9	
CK1 B	11:43			14	27.8	27.8	4.68	4.62	4.65	69.5	69.7	69.6	34.8	34.8	1.11	1.06		7.7	9.0		
CK2 S	11:50			1	27.7	27.7	4.76	4.70	4.63	73.2	73.3	71.8	34.3	34.3	1.09	1.34		7.7	11.0		
CK2 M	11:52		17	8.5	27.8	27.8	4.53	4.54	4.03	70.1	70.5	/1.0	34.8	34.8	1.26	1.42	1.31	7.0	6.0	8.1	
CK2 B	11:59			16	27.7	27.8	4.51	4.57	4.54	69.6	69.9	69.8	34.9	34.9	1.13	1.60		8.3	8.3		
Equipment	used:	Dissolved Ox	ygen Mete	r:	EM	6167	•	Calibrat	ion Check:		100	100%:					Sampled I	By:	伊		
		Turbidity Mete	er:		EM	2365	-	Calibrat	ion Check:		10.1	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Meter	r:		EM	6167		Calibrat	ion Check:		34.5	ppt					Date:		21/10/20	105	

4.18

4.58

4.26

4.57

67.6 67.2

71.7 72.0

70.6 70.5

67.9 67.1

69.7 69.5 67.4

71.2

67.5

69.8

35.1 35.1 1.18 1.22

34.6 34.6 1.39 1.30

34.8 34.8 1.17 1.00

35.0 35.0 0.93 1.38

34.6 34.6 1.26 1.18

Salinity Meter Thermometer: EM 6167 Calibration Check: 6167

6.3 6.7

11.0 15.0

7.3 9.7 9.6

5.3 9.0

7.7 8.7

1.20

21/10/2005

EM

6.5

12

4

7

1

MK2 B

MK3 S

МКЗ М

МКЗ В

MK4 S

11:21

10:20

10:21

10:24

10:40

small wave

8

27.8 27.8

27.6 27.6 4.19 4.17

27.7 27.8 4.57 4.58

27.8 27.8 4.55 4.62

27.7 27.8 4.29 4.23

27.8 27.8 4.42 4.47

### 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: 17/10/2005 Weather Condition: Cloudy 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 Suspended Solids, mg/L Station Overall Sampling Salinity, ppt a b Remarks Time Condition )epth,m Average Average Depth, m verage MK1 S 17:11 1 27.9 27.8 5.46 5.45 82.4 82.3 31.7 31.6 0.83 0.80 8.7 7.7 5.15 81.0 MK1 M 17:12 7 3.5 26.4 26.5 4.85 4.84 79.6 79.5 32.2 32.1 1.45 1.46 1.26 9.7 11.0 9.4 MK1 B 17:14 3.47 6 25.4 25.5 3.46 3.47 65.4 65.3 65.4 33.0 33.0 1.50 1.52 10.0 9.3 MK2 S 17:23 1 27.7 27.8 4.53 4.54 69.2 69.1 32.5 32.6 1.36 1.37 2.3 2.0 4.05 66.5 MK2 M 17:25 16 25.4 3.57 3.56 63.9 63.8 32.9 32.8 1.93 1.81 2.3 2.3 3.7 25.3 1.92 8 MK2 B 17:31 15 24.6 24.6 2.64 2.63 2.64 55.7 55.6 55.7 33.2 33.1 2.13 2.14 5.7 7.3 5.35 MK3 S 16:48 27.7 27.5 5.37 84.3 84.0 31.4 31.3 1.05 1.06 6.3 5.7 1 4.99 79.3 16:49 7 MK3 M 3.5 26.4 26.5 4.62 4.63 74.5 74.2 32.2 32.3 1.49 1.50 1.61 4.0 3.3 6.5 33.4 МКЗ В 16:51 6 23.5 23.4 4.49 4.48 4.49 72.7 2.26 9.7 9.7 72.8 72.8 33.5 2.27 MK4 S 16:58 5.32 84.8 27.2 27.1 5.31 84.9 31.9 31.9 1.13 1.14 12.0 11.0 1 4.99 80.0 MK4 N 17:00 15 7.5 25.5 25.4 4.66 4.65 75.2 75.1 32.5 32.5 1.60 1.61 1.50 17.0 16.0 12.3 MK4 B 17:06 23.9 3.99 3.98 67.7 67.5 33.2 33.4 9.0 14 24.0 3.99 67.6 1.78 1.76 8.7 CK1 S 17:36 1 27.7 27.8 4.64 4.63 71.6 71.5 31.7 31.5 1.25 1.25 8.0 8.0 4.42 68.2 17:38 64.9 64.8 32.1 CK1 M 17 8.5 25.0 25.1 4.21 4.20 32.0 2.12 2.11 1.98 10.0 7.3 7.7 CK1 B 17:45 16 23.8 23.9 4.05 4.04 4.05 62.2 62.0 62.1 32.4 32.5 2.58 2.57 6.3 6.7 CK2 S 17:47 27.5 27.4 4.77 1.10 17.0 12.0 1 4.76 76.3 76.4 31.0 31.1 1.11 4.67 73.9 CK2 M 17:49 16 8 23.0 23.1 4.57 4.58 71.3 71.4 31.3 31.4 1.72 1.70 1.78 11.0 11.0 15.3 CK2 B 17:55 22.2 4.48 4.49 66.6 32.4 32.4 2.53 15 22.2 4.49 66.4 66.5 2.51 20.0 21.0 Equipment used: Dissolved Oxygen Meter: 6167 Sampled By: EM Calibration Check: 100 100%: Pong 10.1 NTU 2365 Calibration Check: Checked By: Turbidity Meter: EM Raymond Dai Salinity Meter: EM 6167 Calibration Check: 34.5 ppt Date: 24/10/2005 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: 17/10/2005 Weather Condition: Cloudy Ambient Temperature, °C: 28 Tide State: Mid-Ebb Station Overall Sampling Temperature, C Dissolved Oxygen, mg/L Dissolved Oxygen Turbidity, NTU Suspended Solids, mg/L Remarks Time Salinity, ppt Condition Depth, m . Depth,m b b Average verag verage b а а b а b а а eptł verage MK1 S 13:40 29.4 29.2 4.95 4.94 77.8 31.4 31.2 1.26 8.3 1 77.9 1.27 9.0 4.59 74.1 MK1 M 13.40 6 3 28.2 28.3 4 24 4 23 70.5 70.3 32.2 32.1 2 19 2 20 2.01 12.0 13.0 11.2 MK1 B 13:42 5 27.9 28.0 3.63 3.64 3.64 66.8 66.9 66.9 32.5 32.6 2.58 2.57 12.0 13.0 MK2 S 13:55 1 28.8 28.9 4.63 4.64 74.6 74.5 31.3 31.4 1.49 1.47 13.0 10.0 4.53 73.5 15 1.78 8.7 10.5 MK2 M 13:57 7.5 28.3 28.4 4.42 4.41 72.5 72.4 32.0 1.45 1.46 8.0 32.0 MK2 B 14:03 14 27.7 27.6 3.03 3.02 3.03 60.8 60.7 60.8 32.7 32.8 2.39 2.40 11.0 12.0 MK3 S 13:10 29.2 29.1 4.92 4.91 79.5 79.4 31.4 31.5 0.90 0.91 10.0 11.0 4.68 76.1 МКЗ М 13:10 6 3 28.6 28.5 4.44 4.43 72.7 72.6 32.2 32.0 1.23 1.24 1.21 20.0 16.0 11.7 МКЗ В 7.3 13:12 5 27.3 27.5 3.31 3.32 3.32 63.4 63.5 63.5 33.5 33.2 1.49 1.50 6.0 MK4 S 13:25 1 28.9 29.0 4.66 4.68 74.0 74.2 31.3 31.2 1.25 1.26 11.0 8.3 4.30 71.9 MK4 M 13:27 7 3.94 69.7 69.6 31.9 31.8 1.91 11.0 14 26.2 26.1 3.92 1.92 1.88 13.0 11.4 MK4 B 13:32 3.85 3.85 68.4 68.5 2.46 13 24.9 25.0 3.84 68.5 33.2 33.1 2.45 12.0 13.0 CK1 S 14:09 28.9 5.23 5.21 82.0 31.4 1.74 1.73 21.0 16.0 1 29.0 82.1 31.5 4.92 78.7 CK1 M 14.11 16 8 277 27.6 4.63 4 62 75.4 75.3 31.9 31.8 1 90 1 91 1.75 13.0 11.0 16.0 CK1 B 14:17 15 25.8 25.7 4.02 4.05 4.04 68.3 68.5 68.4 33.0 33.1 1.62 1.61 17.0 18.0 4.73 CK2 S 14:23 1 29.2 4.74 75.4 31.4 31.5 6.7 29.1 75.6 0.98 0.96 8.3 4.58 74.2 CK2 M 14:25 15 7.5 27.6 27.7 4.41 4.42 72.9 72.8 31.8 31.8 1.25 1.24 1.17 9.3 10.0 9.4 CK2 B 14:31 14 25.1 25.2 3.82 3.84 3.83 66.2 66.4 66.3 33.7 33.6 1.28 1.30 10.0 12.0

# Water Quality Monitoring Data Sheet (Ko Lau Wan)

EM 6167 6167 Calibration Check: Calibration Check:

Calibration Check:

100 100%: 10.1 NTU 34.5 ppt

Date:

Sampled By: Pong Checked By: Raymond Dai 24/10/2005

Thermometer:

Equipment used: Dissolved Oxygen Meter:

Turbidity Meter:

Salinity Meter:

EM

EM

EM

6167

2365

### 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.: 1429 Date of Sampling: 19/10/2005 Weather Condition: Sunny Ambient Temperature,°C: 30 Tide State: Mid-Flood Temperature, <sup>o</sup>C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Ave Salinity, ppt Turbidity, NTU a b a b Suspended Solids, mg/L Station Time Overall Sampling Remarks Sea Average Average Condition Depth, m Depth,m Average MK1 S 20:20 1 27.7 27.7 4.50 4.46 69.2 68.8 34.9 34.9 1.29 1.18 7.3 6.0 4.41 68.0 MK1 M 7 3.5 27.5 27.5 67.3 34.9 34.9 1.25 5.0 20:21 mid wave 4.32 4.36 66.6 1.32 1.17 6.3 6.1 MK1 B 20:23 6 27.5 27.5 4.16 4.19 4.18 65.3 65.1 65.2 34.9 34.9 0.86 1.11 5.7 6.0 MK2 S 20:30 1 27.7 27.6 4.47 4.42 68.7 68.2 34.9 34.9 1.30 1.18 5.7 7.3 4.35 67.9 MK2 M 20:32 mid wave 15 7.5 27.5 27.5 4.23 4.27 67.7 67.1 34.9 34.9 1.23 1.24 1.22 9.7 9.0 8.3 MK2 B 20:38 14 27.5 27.5 4.30 4.25 66.4 65.1 65.8 34.9 34.9 1.07 1.31 10.0 8.0 4.28 MK3 S 20:00 1 27.7 27.7 4.57 4.60 69.1 68.7 34.9 34.9 0.87 1.07 6.3 8.3 4.50 68.3 MK3 M 20:01 mid wave 7 4.43 4.40 35.0 1.17 9.0 7.5 3.5 27.5 27.5 67.3 67.9 34.9 1.26 1.15 6.0 6 27.5 4.21 4.17 4.19 66.4 34.9 7.0 МКЗ В 20:03 27.5 65.8 66.1 34.9 1.36 1.30 8.3 MK4 S 27.7 35.0 12.0 20:10 27.7 4.58 4.64 68.5 69.0 35.0 1.30 1.22 11.0 1 4.54 68.3 7.7 MK4 M 20:12 mid wave 15 7.5 27.5 27.5 4.53 4.42 68.3 67.2 34.9 34.9 1.36 1.18 1.20 8.7 9.1 MK4 B 20:18 14 27.5 27.4 4.19 4.26 4.23 65.4 66.1 34.9 34.9 0.92 1.21 8.0 7.3 65.8 CK1 S 20:40 1 27.6 27.6 4.63 4.57 68.3 68.3 34.9 34.9 1.38 1.15 7.3 8.3 4.48 67.2 CK1 M 20:42 17 27.5 27.5 4.39 4.34 65.9 66.2 34.9 34.9 1.17 1.24 11.0 mid wave 8.5 1.25 8.3 8.2 4.41 CK1 B 20:49 16 27.4 27.4 4.27 4.34 66.0 65.3 65.7 35.0 34.9 1.36 1.22 9.0 5.3 CK2 S 20:50 1 27.6 27.6 4.42 4.59 67.4 66.9 34.9 34.9 1.40 1.23 4.3 6.0 4.44 67.3 17 5.4 CK2 M 20:52 mid wave 8.5 27.5 27.5 4.33 4.41 67.6 67.3 34.9 34.9 1.18 1.15 1.19 6.0 6.7 CK2 B 20:59 16 27.4 27.4 4.28 4.34 4.31 66.2 66.2 66.2 34.9 34.9 0.99 1.20 3.7 5.7 Equipment used: Dissolved Oxygen Meter: EM Calibration Check:

Turbidity Meter:

6167 2365

<u> 100 100%</u>: 9.8 NTU 34.8

Sampled By: 伊 Checked By: Raymond Dai

Salinity Meter:

Thermometer:

EM EM 6167

EM 6167

Calibration Check: Calibration Check:

ppt

26/10/2005 Date:

### 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: 19/10/2005 Weather Condition: Sunny

Ambient Temperature,°C: 30

Job No.: J429 Tide State: Mid-Ebb

Station	Time	Sea		Sampling			Dissolve			Dissolve			Salinity,		Turbidity			Suspend	led Solid		Remarks
		Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			Depth Average	
MK1 S	14:35			1	27.5	27.5	4.32	4.26	4.33	66.4	65.7	66.7	35.0	34.9	1.33	1.16		11.0	11.0		
MK1 M	14:35	mid wave	6	3	27.4	27.4	4.35	4.37	4.33	67.4	67.2	00.7	34.9	34.9	1.42	1.27	1.27	11.0	15.0	12.0	
MK1 B	14:37			5	27.4	27.4	3.47	3.44	3.46	53.3	52.7	53.0	34.9	34.9	1.11	1.34		13.0	11.0		
MK2 S	14:45			1	27.4	27.4	4.62	4.55	4.56	66.0	66.1	05.0	34.9	35.0	1.56	1.36		23.0	20.0		
MK2 M	14:47	mid wave	14	7	27.3	27.4	4.49	4.57	4.56	65.6	65.3	65.8	34.9	34.9	1.07	1.13	1.26	14.0	20.0	15.4	
MK2 B	14:52			13	27.4	27.4	4.39	4.43	4.41	63.8	64.6	64.2	34.9	34.9	1.15	1.29		6.7	8.7		
MK3 S	14:15			1	27.9	27.8	4.43	4.48	4.39	68.5	69.5	67.7	34.9	34.9	1.38	1.30		8.3	12.0		
МКЗ М	14:15	mid wave	6	3	27.5	27.5	4.31	4.33	4.39	66.5	66.4	67.7	34.9	34.9	1.25	1.20	1.26	20.0	17.0	12.8	
МКЗ В	14:17			5	27.4	27.4	4.27	4.15	4.21	64.2	65.0	64.6	34.9	34.9	1.14	1.28		11.0	8.7		
MK4 S	14:25			1	27.4	27.4	4.50	4.44	4.36	65.4	65.9	66.8	34.9	34.9	1.57	1.36		11.0	11.0		
MK4 M	14:27	mid wave	14	7	27.3	27.3	4.28	4.23	4.30	68.7	67.1	00.0	34.9	34.9	1.32	1.32	1.34	8.7	9.7	11.4	
MK4 B	14:32			13	27.3	27.3	4.33	4.27	4.30	66.6	65.7	66.2	34.9	34.9	1.28	1.17		12.0	16.0		
CK1 S	15:15			1	27.5	27.5	4.61	4.59	4.50	69.0	69.6	69.6	34.9	34.9	1.23	1.24		8.0	6.0		
CK1 M	15:17	mid wave	16	8	27.4	27.4	4.37	4.43	4.50	70.3	69.5	09.6	35.0	35.0	1.16	1.38	1.17	6.3	7.0	7.6	
CK1 B	15:23			15	27.4	27.4	4.33	4.28	4.31	67.3	66.5	66.9	35.0	34.9	1.09	0.90		8.3	10.0		
CK2 S	15:00			1	27.5	27.4	4.64	4.55	4.50	69.3	68.2	69.3	35.0	35.0	1.58	1.47		11.0	11.0		
CK2 M	15:02	mid wave	16	8	27.4	27.3	4.38	4.42	4.50	69.9	69.7	09.3	35.0	34.9	1.00	1.26	1.30	6.0	7.0	7.9	
CK2 B	15:08	]		15	27.4	27.4	4.36	4.40	4.38	68.3	68.0	68.2	35.0	34.9	1.09	1.38		6.3	6.0	]	

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	伊
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	0	ppt	Date:	26/10/2005
	Thermometer:	EM	6167					

Project:	Contract N	No. CV/2004/0	2 Reconst	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429	_		
Date of	Sampling:	21/10/2005		v	Veather C	Condition:	Sunny				Ambie	nt Temper	rature,°C:	30			Fide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling		ature, ⁰C					d Oxygen		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	17:14			1	28.4	28.3	4.74	4.75	4.34	73.0	72.5	70.1	30.0	30.2	1.51	1.49		11.0	14.0		
MK1 M	17:15		7	3.5	25.7	25.6	3.93	3.95		67.4	67.3		33.2	33.1	2.09	2.10	1.96	16.0	12.0	12.2	
MK1 B	17:17			6	23.5	23.4	3.72	3.74	3.73	65.8	65.6	65.7	34.9	34.7	2.28	2.30		9.3	11.0		
MK2 S	18:28			1	28.2	28.1	4.43	4.47	4.36	72.9	72.8	69.0	31.4	31.2	1.50	1.52		13.0	11.0		
MK2 M	18:30		16	8	26.9	26.9	4.25	4.28	4.50	65.3	65.1	09.0	34.3	34.2	2.28	2.30	2.14	8.7	9.7	9.3	
MK2 B	18:36			15	23.3	23.4	3.24	3.26	3.25	60.4	60.3	60.4	34.0	34.1	2.62	2.61		6.3	7.0		
MK3 S	16:49			1	27.5	27.4	4.64	4.61	4.00	76.8	76.7	70.0	30.6	30.4	1.52	1.51		8.3	11.0		
МКЗ М	16:50		7	3.5	26.1	26.1	4.02	4.01	4.32	67.9	67.8	72.3	30.5	30.6	2.22	2.20	2.20	13.0	11.0	11.1	
MK3 B	16:52			6	24.0	24.2	3.95	3.96	3.96	66.3	66.4	66.4	32.5	32.4	2.89	2.87		12.0	11.0		
MK4 S	17:02			1	28.3	28.2	4.45	4.43		72.4	72.3		32.7	32.6	1.37	1.35		18.0	13.0		
MK4 M	17:04		15	7.5	26.4	26.3	3.83	3.85	4.14	66.0	66.2	69.2	32.9	32.8	2.10	2.11	1.84	15.0	12.0	12.9	
MK4 B	17:10			14	25.7	25.8	3.52	3.51	3.52	63.1	63.2	63.2	33.6	33.7	2.05	2.06		8.3	11.0		
CK1 S	17:43			1	28.4	28.3	4.94	4.92		77.0	77.2		30.2	30.1	1.64	1.63		8.3	10.0		
CK1 M	17:45		17	8.5	26.2	26.1	4.43	4.41	4.68	72.6	72.5	74.8	30.5	30.4	2.13	2.14	2.09	12.0	10.0	10.4	
CK1 B	17:52			16	24.5	24.6	4.35	4.36	4.36	71.6	71.5	71.6	32.9	32.8	2.49	2.50		12.0	10.0		
CK2 S	17:58	I	<u>.</u>	1	28.6	28.7	4.64	4.63		74.9	74.8		31.4	31.5	1.45	1.43		10.0	11.0		·
CK2 M	18:00		16	8	26.7	26.5	4.42	4.43	4.53	72.5	72.6	73.7	31.8	31.7	1.97	1.98	1.90	11.0	8.0	8.8	
CK2 B	18:06			15	24.2	24.2	3.85	3.84	3.85	66.4	66.3	66.4	30.7	30.5	2.29	2.30		6.0	6.7		
Equipmer	it used:	Dissolved Ox	ygen Meter	r:	EM	6167		Calibrat	ion Check:		100	100%:					Sampled	By:	Pong		
		Turbidity Met	er:		EM	2365		Calibrat	ion Check:		9.9	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Mete	r:		EM	6167		Calibrat	ion Check:		35.2	ppt					Date:		28/10/20	005	
		Thermomete	r:		EM	6167															
		No. CV/2004/0	)2 Reconsti		ong Shek	and Ko L		Public Pie	ers			Kin Shing					Job No.:		-		
Date of	Sampling:	No. CV/2004/0 21/10/2005	02 Reconstr	V	ong Shek Veather C	and Ko L Condition:	Sunny				Ambie	nt Temper	rature,⁰C:	30		•	Job No.: Fide State:	Mid-Ebb			
		No. CV/2004/0	)2 Reconsti		ong Shek Veather C	and Ko L	Sunny			Dissolve	Ambie d Oxygen	nt Temper		30		•		Mid-Ebb	ded Solids	Depth	Remarks
Date of	Sampling:	No. CV/2004/0 21/10/2005 Sea	02 Reconstr Overall	V	ong Shek Veather C Tempera	and Ko L Condition: ature, °C	Sunny Dissolve	d Oxygen	, mg/L		Ambie d Oxygen	nt Temper	ature,⁰C: Salinity,	30 ppt	Turbidity	, NTU	Fide State:	Mid-Ebb			Remarks
Date of Station MK1 S	Sampling: Time 14:52	No. CV/2004/0 21/10/2005 Sea	02 Reconstr Overall	V Sampling Depth,m 1	Veather C Tempera a 28.4	and Ko L Condition: ature, <sup>o</sup> C b 28.3	Sunny Dissolve a 5.43	d Oxygen b 5.42	, mg/L	a 82.2	Ambie d Oxygen b 82.3	nt Temper	Salinity, a 31.4	30 ppt b 31.4	Turbidity a 1.12	, NTU b 1.10	Fide State:	Mid-Ebb Suspend 12.0	ded Solids	Depth	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 14:52 14:52	No. CV/2004/0 21/10/2005 Sea	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3	Veather C Tempera a 28.4 27.6	and Ko L Condition: ature, °C b 28.3 27.5	Sunny Dissolve a 5.43 4.85	d Oxygen b 5.42 4.82	n, mg/L Average 5.13	a 82.2 76.8	Ambie d Oxygen b 82.3 76.8	nt Temper , % Average 79.5	Salinity, a 31.4 31.9	30 ppt b 31.4 31.8	Turbidity a 1.12 1.79	, NTU b 1.10 1.80	Fide State: Average	Mid-Ebb Suspend 12.0 5.0	13.0 6.5	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 14:52 14:52 14:54	No. CV/2004/0 21/10/2005 Sea	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 28.4 27.6 26.2	and Ko L Condition: ature, <sup>a</sup> C b 28.3 27.5 26.3	Sunny Dissolve a 5.43 4.85 4.61	d Oxygen b 5.42 4.82 4.62	n, mg/L Average	a 82.2 76.8 74.1	Ambie d Oxygen b 82.3 76.8 74.2	nt Temper , % Average	sature,°C: Satinity, a 31.4 31.9 31.5	30 ppt b 31.4 31.8 31.3	Turbidity a 1.12 1.79 2.46	NTU b 1.10 1.80 2.45	Fide State: Average	Mid-Ebb Suspend 12.0 5.0 5.0	13.0 6.5 6.7	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 14:52 14:52 14:54 15:13	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Veather C Tempera a 28.4 27.6 26.2 28.1	and Ko L Condition: ature, <sup>°</sup> C b 28.3 27.5 26.3 28.2	Sunny Dissolve a 5.43 4.85 4.61 5.95	d Oxygen b 5.42 4.82 4.62 5.94	n, mg/L Average 5.13	a 82.2 76.8 74.1 88.6	Ambie d Oxygen b 82.3 76.8 74.2 88.7	nt Temper , % Average 79.5	sature, °C: Salinity, a 31.4 31.9 31.5 31.3	30 ppt b 31.4 31.8 31.3 31.0	Turbidity a 1.12 1.79 2.46 1.53	NTU b 1.10 1.80 2.45 1.52	Fide State: Average 1.79	Mid-Ebb Suspend 12.0 5.0 5.0 16.0	13.0 6.5 6.7 16.0	Depth Average 8.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 14:52 14:52 14:54 15:13 15:15	No. CV/2004/0 21/10/2005 Sea	02 Reconstr Overall Depth, m	Sampling Depth,m 1 3 5 1 7.5	Tempera           28.4           27.6           26.2           28.1           26.3	and Ko L condition: ature, <sup>a</sup> C b 28.3 27.5 26.3 28.2 26.4	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92	d Oxyger b 5.42 4.82 4.62 5.94 4.91	n, mg/L Average 5.13 4.62 5.43	a 82.2 76.8 74.1 88.6 77.5	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4	Average 79.5 74.2 83.1	Salinity,         a           31.4         31.9           31.5         31.3           31.3         31.6	30 ppt 31.4 31.8 31.3 31.0 31.5	Turbidity a 1.12 1.79 2.46 1.53 1.70	NTU b 1.10 1.80 2.45 1.52 1.72	Fide State: Average	Mid-Ebb Suspend 12.0 5.0 5.0 16.0 17.0	13.0 6.5 6.7 16.0 14.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	Tempera           28.4           27.6           26.2           28.1           26.3           24.9	and Ko L Condition: ature, <sup>o</sup> C b 28.3 27.5 26.3 28.2 28.2 26.4 24.7	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61	n, mg/L Average 5.13 4.62	a 82.2 76.8 74.1 88.6 77.5 74.8	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6	nt Temper , % Average 79.5 74.2	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3	30 ppt 31.4 31.8 31.3 31.0 31.5 32.4	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25	NTU b 1.10 1.80 2.45 1.52 1.72 2.26	Fide State: Average 1.79	Mid-Ebb Suspend 12.0 5.0 5.0 16.0 17.0 14.0	13.0         6.5           6.7         16.0           14.0         14.0	Depth Average 8.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 1	Tempera           28.4           27.6           26.2           28.1           26.3           24.9           28.2	and Ko L Condition: ature, "C b 28.3 27.5 26.3 28.2 26.4 24.7 28.3	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.92           4.62           5.34	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61 5.33	n, mg/L Average 5.13 4.62 5.43	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5	Ambie b 82.3 76.8 74.2 88.7 77.4 74.6 82.4	Average 79.5 74.2 83.1	ature,°C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45	NTU b 1.10 1.80 2.45 1.52 1.72 2.26 1.43	Tide State: Average 1.79 1.83	Mid-Ebb Suspend 12.0 5.0 5.0 16.0 17.0 14.0 9.7	Ided Solids           13.0           6.5           6.7           16.0           14.0           14.0           10.0	Depth Average 8.0 15.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 3	Tempera           28.4           27.6           26.2           28.1           26.3           24.9           28.2	and Ko L condition: ature, °C b 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.92           4.62           5.34           5.19	d Oxygen b 5.42 4.82 4.62 5.94 4.61 5.33 5.19	a, mg/L Average 5.13 4.62 5.43 4.62 5.26	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9	Ambie b 82.3 76.8 74.2 88.7 77.4 77.4 74.6 82.4 79.7	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 33.5	Turbidity           1.12           1.79           2.46           1.53           1.70           2.25           1.45           1.92	NTU b 1.10 1.80 2.45 1.52 1.72 2.26 1.43 1.91	Fide State: Average 1.79	Mid-Ebb Suspend 12.0 5.0 5.0 16.0 17.0 14.0 9.7 5.0	13.0         6.5           6.7         16.0           14.0         14.0           10.0         6.3	Depth Average 8.0	Remarks
Date of Station MK1 S MK1 M MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:37	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5	Shek           Veather C           Tempera           28.4           27.6           26.2           28.1           26.3           24.9           28.2           27.5           24.7	and Ko L condition: 1ture, 'C b 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84	d Oxygen b 5.42 4.62 5.94 4.91 4.61 5.33 5.19 4.86	n, mg/L Average 5.13 4.62 5.43 4.62	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5	Ambie b 82.3 76.8 74.2 88.7 77.4 77.4 82.4 79.7 77.6	nt Temper , % Average 79.5 74.2 83.1 74.7	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9	Turbidity           1.12           1.79           2.46           1.53           1.70           2.25           1.45           1.92           1.72	NTU b 1.10 1.80 2.45 1.52 1.72 2.26 1.43 1.91 1.71	Tide State: Average 1.79 1.83	Mid-Ebb Suspend 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0	13.0 6.5 6.7 16.0 14.0 14.0 10.0 6.3 5.3	Depth Average 8.0 15.2	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 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:37 14:25	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 5 1	Shek           Veather C           Temperc           2           28.4           27.6           28.1           26.2           28.1           28.2           27.5           24.7           28.1	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.62 5.34 5.19 4.84 5.24	d Oxyger b 5.42 4.82 4.62 5.94 4.91 4.61 5.33 5.19 4.86 5.25	a, mg/L Average 5.13 4.62 5.43 4.62 5.26	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5	Ambie d Oxygen b 82.3 76.8 74.2 88.7 74.2 88.7 77.4 77.4 82.4 79.7 77.6 81.4	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1	Salinity,         a           31.4         31.9           31.5         31.3           31.6         32.3           30.7         33.4           32.8         31.0	30 ppt b 31.4 31.3 31.3 31.3 31.5 32.4 30.5 32.4 30.5 32.9 31.2	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81	NTU b 1.10 2.45 1.52 1.72 2.26 1.43 1.91 1.71 0.80	Tide State: Average 1.79 1.83 1.69	Mid-Ebb Suspenc 12.0 5.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0	13.0         6.5         6.7           16.0         14.0         14.0           10.0         6.3         5.3           7.3         7.3         7.3	Depth Average 8.0 15.2 7.1	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK4 S	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:37 14:25	No. CV/2004/0 21/10/2005 Sea	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 7	Zeather C           Tempera           28.4           27.6           26.2           28.1           26.3           24.9           28.2           27.5           24.7           28.1           26.2	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84 5.24 4.93	d Oxygen b 5.42 4.82 4.62 5.94 4.61 4.61 5.33 5.19 4.86 5.25 4.93	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5 79.2	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 88.7 77.4 88.7 77.4 82.4 79.7 77.6 81.4 79.1	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78	NTU b 1.10 2.45 1.52 1.52 2.26 1.43 1.91 1.71 0.80 1.77	Tide State: Average 1.79 1.83	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         14.0           14.0         14.0	Depth Average 8.0 15.2	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 A MK4 B	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:37 14:25 14:27 14:32	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	V Samping Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 13	Jacobia         Jacobia <t< td=""><td>and Ko L Condition: 100 - 28.3 28.3 28.2 26.4 24.7 28.3 27.4 28.3 27.4 28.0 28.0 26.2 23.5</td><td>Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84 5.19 5.24 4.84 4.93 4.26</td><td>d Oxygen           b           5.42           4.82           4.62           5.94           4.91           4.61           5.33           5.19           4.86           5.25           4.93           4.27</td><td>Average 5.13 4.62 5.43 4.62 5.26 4.85</td><td>a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           79.2           70.5</td><td>Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 77.4 77.4 82.4 79.7 77.6 81.4 79.1 70.6</td><td>nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6</td><td>ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4</td><td>30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 33.5 33.5 32.9 31.2 33.0 31.2 33.0 31.2</td><td>Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35</td><td>NTU b 1.10 2.45 1.52 1.52 2.26 1.43 1.91 1.71 0.80 1.77 2.33</td><td>Tide State: Average 1.79 1.83 1.69</td><td>Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 15.0 20.0</td><td>13.0         6.5           6.7         16.0           14.0         14.0           15.3         7.3           14.0         24.0</td><td>Depth Average 8.0 15.2 7.1</td><td>Remarks</td></t<>	and Ko L Condition: 100 - 28.3 28.3 28.2 26.4 24.7 28.3 27.4 28.3 27.4 28.0 28.0 26.2 23.5	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84 5.19 5.24 4.84 4.93 4.26	d Oxygen           b           5.42           4.82           4.62           5.94           4.91           4.61           5.33           5.19           4.86           5.25           4.93           4.27	Average 5.13 4.62 5.43 4.62 5.26 4.85	a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           79.2           70.5	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 77.4 77.4 82.4 79.7 77.6 81.4 79.1 70.6	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 33.5 33.5 32.9 31.2 33.0 31.2 33.0 31.2	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35	NTU b 1.10 2.45 1.52 1.52 2.26 1.43 1.91 1.71 0.80 1.77 2.33	Tide State: Average 1.79 1.83 1.69	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 15.0 20.0	13.0         6.5           6.7         16.0           14.0         14.0           15.3         7.3           14.0         24.0	Depth Average 8.0 15.2 7.1	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: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:37 14:25 14:27 14:22 15:36	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 7 13 1	Shek           Veather C           Temperc           2           28.4           27.6           28.1           26.2           28.1           26.3           24.9           28.2           27.5           24.7           28.1           26.0           23.5           27.9	and Ko L Condition: 28.3 27.5 28.2 26.4 24.7 28.3 27.4 28.3 27.4 24.6 28.0 26.2 23.5 27.8	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.62           5.34           5.19           4.84           5.24           4.83           4.26	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09	a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           81.5           79.2           70.5           71.4	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 88.7 77.4 82.4 79.7 77.6 81.4 79.7 77.6 81.4 79.1 70.6 71.5	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9	30 ppt b 31.4 31.8 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.2 33.0 31.5 30.7	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.72 0.81 1.78 2.35 1.07	NTU           b           1.10           1.80           2.45           1.52           1.72           2.266           1.43           1.91           1.71           0.80           1.77           2.33           1.08	Tide State: Average 1.79 1.83 1.69 1.64	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         14.0           14.0         14.0           14.0         14.0           12.0         12.0	Depth Average 8.0 15.2 7.1 14.9	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 M	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:37 14:25 14:27 14:22 14:32 15:36 15:38	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 13 1 8	Jacobia         Jacobia           1         <	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.62           5.34           5.19           4.84           5.24           4.93           4.26           4.33           3.61	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33 3.60	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5 79.2 70.5 71.4 65.9	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6 82.4 79.7 77.6 81.4 79.1 70.6 71.5 65.8	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7	ature, °C: <u>Salinity,</u> a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 31.4 30.9	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.5 30.7 30.2	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35 1.07 1.28	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29	Tide State: Average 1.79 1.83 1.69	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           24.0         12.0           4.3         14.0	Depth Average 8.0 15.2 7.1	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 CK1 B	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:37 14:25 14:27 14:22 14:32 14:36 15:38 15:38	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 13 1 7 13 1 8 15	Image: Shek           Tempera           28.4           27.6           28.2           28.1           26.3           24.9           28.2           27.5           24.7           28.1           26.3           24.7           28.1           26.2           27.5           24.7           28.1           26.0           23.5           27.9           25.2           23.7	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3 23.6	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.92           4.62           5.34           5.19           4.84           5.24           4.33           3.61           3.72	d Oxygen b 5.42 4.82 5.94 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33 3.60 3.71	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27	a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           81.5           79.2           70.5           71.4           65.9           66.1	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6 82.4 79.7 77.6 81.4 79.7 77.6 81.4 79.7 70.6 81.4 79.1 70.6 65.8 66.3	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 30.4 32.5	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 33.5 32.9 31.2 33.0 31.5 33.0 31.5 33.0 31.5 33.0 31.5 32.4 30.5 32.4 30.5 33.5 32.9 31.2 33.0 31.2 33.0 31.5 32.4 30.5 33.5 32.4 30.5 33.5 30.7 30.7 30.2 32.4	Turbidity           1.12           1.79           2.46           1.53           1.70           2.25           1.45           1.92           1.72           0.81           1.78           2.35           1.07           1.28           2.41	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29           2.41	Tide State: Average 1.79 1.83 1.69 1.64	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0 11.0 6.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           12.0         4.3           14.0         14.0	Depth Average 8.0 15.2 7.1 14.9	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	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:37 14:25 14:27 14:22 14:32 15:36 15:38	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 13 1 8	Jacobia         Jacobia           1         <	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.62           5.34           5.19           4.84           5.24           4.93           4.26           4.33           3.61	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33 3.60	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5 79.2 70.5 71.4 65.9	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6 82.4 79.7 77.6 81.4 79.1 70.6 71.5 65.8	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7	ature, °C: <u>Salinity,</u> a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 31.4 30.9	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.5 30.7 30.2	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35 1.07 1.28	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29	Tide State: Average 1.79 1.83 1.69 1.64	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           24.0         12.0           4.3         14.0	Depth Average 8.0 15.2 7.1 14.9	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 CK1 B	Sampling: Time 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:37 14:25 14:27 14:22 14:32 14:36 15:38 15:38	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 13 1 7 13 1 8 15	Image: Shek           Tempera           28.4           27.6           28.2           28.1           26.3           24.9           28.2           27.5           24.7           28.1           26.3           24.7           28.1           26.2           27.5           24.7           28.1           26.0           23.5           27.9           25.2           23.7	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3 23.6	Sunny           Dissolve           a           5.43           4.85           4.61           5.95           4.92           4.62           5.34           5.19           4.84           5.24           4.33           3.61           3.72	d Oxygen b 5.42 4.82 5.94 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33 3.60 3.71	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97 3.72	a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           81.5           79.2           70.5           71.4           65.9           66.1	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6 82.4 79.7 77.6 81.4 79.7 77.6 81.4 79.7 70.6 81.4 79.1 70.6 65.8 66.3	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7 66.2	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 30.4 32.5	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 33.5 32.9 31.2 33.0 31.5 33.0 31.5 33.0 31.5 33.0 31.5 32.4 30.5 32.4 30.5 33.5 32.9 31.2 33.0 31.2 33.0 31.5 32.4 30.5 33.5 32.4 30.5 33.5 30.7 30.7 30.2 32.4 30.7	Turbidity           1.12           1.79           2.46           1.53           1.70           2.25           1.45           1.92           1.72           0.81           1.78           2.35           1.07           1.28           2.41	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29           2.41	Tide State: Average 1.79 1.83 1.69 1.64	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0 11.0 6.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           12.0         4.3           14.0         14.0	Depth Average 8.0 15.2 7.1 14.9	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 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:25 14:27 14:22 15:36 15:38 15:44 15:49	No. CV/2004/0 21/10/2005 Sea	2 Reconstruction	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	Jacobia         Jacobia           1         1           28.4         27.6           28.4         27.6           28.4         27.6           28.1         26.3           28.2         27.5           24.9         28.2           27.5         24.7           28.1         26.0           23.5         27.9           25.2         23.7           28.4         27.9	and Ko L Condition: 28.3 27.5 28.3 28.2 26.4 24.7 28.3 27.4 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3 23.6 28.3	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.34 5.19 4.84 4.84 4.93 4.26 4.33 3.61 3.72 4.60	d Oxygen b 5.42 4.82 4.62 5.94 4.91 4.61 5.33 5.19 4.86 5.25 4.93 4.27 4.33 3.60 3.71 4.62	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97 3.72	a           82.2           76.8           74.1           88.6           77.5           74.8           82.5           79.9           77.5           81.5           79.2           70.5           71.4           66.9           66.1           74.0	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 77.4 88.7 77.4 82.4 79.7 77.6 81.4 79.1 70.6 81.4 79.1 70.6 65.8 66.3 74.1	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7 66.2	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 32.9 30.4 32.9 30.4 32.9 30.4 30.4 30.9 30.4 30.4 30.5 30.4 30.4 30.4 30.9 30.4 30.4 30.4 30.5 30.4	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.5 32.9 31.2 33.0 31.5 32.9 31.2 33.0 31.5 30.7 30.2 32.4	Turbidity           a           1.12           1.79           2.46           1.53           1.70           2.25           1.45           1.92           1.72           0.81           1.78           2.35           1.07           1.28           2.41           0.74	NTU           b           1.10           1.80           2.45           1.52           1.72           2.266           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29           2.41           0.76	Fide State: Average 1.79 1.83 1.69 1.64 1.59	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0 11.0 16.0	13.0         6.5           6.7         16.0           14.0         14.0           14.0         14.0           14.0         14.0           14.0         14.0           6.3         5.3           7.3         14.0           12.0         4.3           14.0         13.0	Depth Average 8.0 15.2 7.1 14.9 10.6	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S 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 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:37 14:25 14:27 14:22 14:27 14:32 15:36 15:38 15:44 15:44 15:49 15:57	No. CV/2004/C	2 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 3 5 1 1 7 7 13 1 8 15 1 1 8 15 1 1 7,5 14	Shek           Tempera           28.4           27.6           28.4           26.3           24.9           28.2           27.5           24.7           28.1           26.2           27.5           24.7           28.1           26.0           23.5           27.9           25.2           23.7           28.4           25.9           24.2	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3 23.6 28.3 25.8 25.8 24.3	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84 5.19 4.84 4.93 4.26 4.33 3.61 3.72 4.60 4.22 3.75	d Oxygen b 5.42 4.82 5.94 4.61 5.33 5.19 4.86 5.25 4.93 3.60 3.71 4.62 4.23 3.74	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97 3.72 4.42 3.75	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5 79.2 70.5 71.4 65.9 66.1 74.0 71.2	Ambie d Oxygen b 82.3 76.8 74.2 88.7 74.6 82.4 79.7 77.6 81.4 79.7 77.6 81.4 79.7 71.5 65.8 66.3 74.1 71.2 66.8	nt Temper , % Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7 66.2 72.6 66.8	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 31.4 30.9 31.4 30.9 31.4 30.9 31.4 32.9 30.4 30.9 30.8	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.5 30.7 30.2 32.4 30.7 30.2 32.4 30.4 31.0 31.5 30.7 30.2 32.4 30.7 30.2 30.7 30.2 30.7 30.2 30.7 30.2 30.7	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35 1.07 1.28 2.41 0.74 1.20	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29           2.41           0.76	Fide State: Average 1.79 1.83 1.69 1.64 1.59 1.38	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 15.0 20.0 11.0 6.0 11.0 6.3 5.3	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           12.0         4.3           14.0         13.0           7.3         7.0	Depth Average 8.0 15.2 7.1 14.9 10.6	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 14:52 14:52 14:54 15:13 15:15 15:21 14:35 14:35 14:35 14:37 14:25 14:27 14:22 14:27 14:32 15:36 15:38 15:44 15:44 15:49 15:57	No. CV/2004/0 21/10/2005 Sea	22 Reconstruction	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 3 5 1 1 7 7 13 1 8 15 1 1 8 15 1 1 7,5 14	Image: Shear of the system           Tempera           28.4           27.6           28.4           26.2           28.1           26.2           28.1           26.2           27.5           24.9           28.2           27.5           24.7           28.1           26.0           23.5           27.9           25.2           23.7           28.4           25.9	and Ko L condition: 28.3 27.5 26.3 28.2 26.4 24.7 28.3 27.4 24.6 28.0 26.2 23.5 27.8 25.3 23.6 25.8	Sunny Dissolve a 5.43 4.85 4.61 5.95 4.92 4.62 5.34 5.19 4.84 4.92 4.84 4.93 4.26 4.33 3.61 3.72 4.60 4.22 3.75	d Oxygen           b           5.42           4.82           4.62           5.94           4.61           5.33           5.19           4.86           5.25           4.93           4.27           4.33           3.60           3.71           4.62           4.23           3.74           Calibrat	Average Average 5.13 4.62 5.43 4.62 5.26 4.85 5.09 4.27 3.97 3.72 4.42	a 82.2 76.8 74.1 88.6 77.5 74.8 82.5 79.9 77.5 81.5 79.2 70.5 71.4 65.9 66.1 74.0 71.2	Ambie d Oxygen b 82.3 76.8 74.2 88.7 77.4 74.6 82.4 79.7 77.6 81.4 79.1 70.6 71.5 65.8 66.3 74.1 71.2	nt Temper ,% Average 79.5 74.2 83.1 74.7 81.1 77.6 80.3 70.6 68.7 66.2 72.6 66.8 100%:	ature, °C: Salinity, a 31.4 31.9 31.5 31.3 31.6 32.3 30.7 33.4 32.8 31.0 32.9 31.4 30.9 31.4 30.9 31.4 30.9 31.4 30.9 31.4 32.9 30.4 30.9 30.8	30 ppt b 31.4 31.8 31.3 31.0 31.5 32.4 30.5 32.9 31.2 33.0 31.5 30.7 30.2 32.4 30.7 30.2 32.4 30.4 31.0 31.5 30.7 30.2 32.4 30.7 30.2 30.7 30.2 30.7 30.2 30.7 30.2 30.7	Turbidity a 1.12 1.79 2.46 1.53 1.70 2.25 1.45 1.92 1.72 0.81 1.78 2.35 1.07 1.28 2.41 0.74 1.20	NTU           b           1.10           1.80           2.45           1.52           1.72           2.26           1.43           1.91           1.71           0.80           1.77           2.33           1.08           1.29           2.41           0.76	Fide State: Average 1.79 1.83 1.69 1.64 1.59	Mid-Ebb Suspenc 12.0 5.0 16.0 17.0 14.0 9.7 5.0 6.0 9.0 15.0 20.0 11.0 6.0 11.0 6.0 11.0 6.3 5.3 5.3	13.0         6.5           6.7         16.0           14.0         14.0           14.0         10.0           6.3         5.3           7.3         14.0           24.0         12.0           4.3         14.0           13.0         7.3	Depth Average 8.0 15.2 7.1 14.9 10.6 8.3	Remarks

Salinity Meter:

EM 6167 Calibration Check: EM 6167

35.2 ppt

Date:

28/10/2005

Thermometer:

Project:	Contract N	No. CV/2004/0	2 Reconstr	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	rs		Client:	Kin Shing	Construc	tion Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	24/10/2005		v	Veather C	ondition:	Sunny				Ambie	nt Temper	ature,⁰C:	28			Fide State:	Mid-Floo	d		
Station	Time	Sea	Overall	Sampling		ature, °C					d Oxygen		Salinity,		Turbidity		1 -	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	15:40			1	25.9	25.9	4.72	4.67	4.05	70.3	69.7		35.3	35.2	1.19	1.10		12.0	12.0		
MK1 M	15:41	mid wave	7	3.5	26.0	26.0	4.58	4.62	4.65	68.6	67.4	69.0	35.2	35.2	1.41	1.34	1.27	13.0	18.0	13.5	
MK1 B	15:43	-		6	26.0	26.0	4.66	4.65	4.66	67.9	67.6	67.8	35.1	35.1	1.22	1.33		13.0	13.0		
MK2 S	15:55			1	25.8	25.9	4.77	4.75		70.6	70.4		35.2	35.3	1.39	1.42		7.3	7.7		
MK2 M	15:57	mid wave	16	8	25.9	25.9	4.62	4.66	4.70	69.4	69.8	70.1	35.2	35.1	1.16	1.16	1.30	11.0	15.0	11.7	
MK2 B	16:03			15	26.0	25.9	4.60	4.58	4.59	68.5	69.0	68.8	35.1	35.1	1.40	1.26		15.0	14.0		
		1							4.59			00.0									
MK3 S	15:20	-		1	25.9	25.9	4.73	4.70	4.64	71.0	70.7	69.1	35.2	35.1	0.97	1.17		14.0	13.0		
MK3 M	15:21	mid wave	7	3.5	26.0	26.0	4.52	4.60		67.3	67.4		35.2	35.1	1.36	1.44	1.24	14.0	14.0	11.7	
MK3 B	15:23			6	25.9	25.9	4.48	4.63	4.56	67.9	68.3	68.1	35.1	35.1	1.28	1.23		9.3	6.0		
MK4 S	15:30			1	26.0	26.1	4.68	4.74	4.72	71.1	71.6	71.2	35.2	35.2	1.16	1.16		15.0	13.0		
MK4 M	15:32	mid wave	15	7.5	25.8	25.8	4.75	4.71	4.72	71.6	70.6	11.2	35.0	35.0	1.42	1.28	1.29	9.7	7.7	11.4	
MK4 B	15:38			14	25.7	25.7	4.60	4.59	4.60	69.4	69.9	69.7	35.1	35.0	1.39	1.34		11.0	12.0		
CK1 S	16:05			1	26.2	26.2	4.65	4.60		69.5	70.0		35.3	35.3	1.47	1.38		8.2	8.0		
CK1 M	16:07	mid wave	17	8.5	26.2	26.2	4.71	4.77	4.68	70.3	70.5	70.1	35.1	35.1	1.29	1.15	1.30	13.0	20.0	11.3	
CK1 B	16:14	1		16	26.1	26.2	4.53	4.61	4.57	69.4	69.4	69.4	35.1	35.1	1.08	1.43		9.0	9.3		
CK1 B				10	26.1		4.53	4.01	1.07	70.3	71.5	55.4	35.1		1.08			12.0	9.3		
	16:15	-				26.2			4.72			71.2		35.2		1.26					
CK2 M	16:17	-	16	8	26.2	26.1	4.70	4.70		71.8	71.0		35.1	35.1	1.15	1.18	1.14	15.0	18.0	12.3	
CK2 B	16:23			15	26.1	26.2	4.64	4.68	4.66	69.8	69.0	69.4	35.1	35.1	1.09	0.84		7.7	11.0		
<b>F</b> = 1 = 1 = 1	• · · • • • •	Disaster d Ou		_		6467		C-libti	Charles		400	40000					Complete d	D	(m		
Equipmen	t used:	Dissolved Ox		r:	EM	6167			ion Check:		100	100%:					Sampled		伊		
		Turbidity Met	er:		EM	2365		Calibrati	ion Check:		10.1	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Mete	r:		EM	6167		Calibrat	ion Check:		34.5	ppt					Date:		31/10/20	05	
		Thermomete	r:		EM	6167															
Project	Contract N			ruction of Wr			au Wan F	Public Pie	rs		Client:	Kin Shina	Construc	tion Co	l td		Job No :	.1429			
		No. CV/2004/0	12 Reconstr		ong Shek	and Ko L		Public Pie	rs			Kin Shing					Job No.:		-		
Date of	Sampling:	No. CV/2004/0	02 Reconstr	V	ong Shek Veather C	and Ko L	Sunny			Dissolvo	Ambie	nt Temper	ature,°C:	28		-	Job No.: Fide State:	Mid-Ebb		. ma/l	Pomarks
		No. CV/2004/0	2 Reconstr		ong Shek Veather C	and Ko L	Sunny	d Oxygen		Dissolve	Ambie	nt Temper		28		-		Mid-Ebb	led Solids	Depth	Remarks
Date of Station	Sampling: Time	No. CV/2004/0 24/10/2005 Sea	2 Reconstr	V Sampling Depth,m	Veather C	and Ko Li condition: ature, °C b	Sunny Dissolve a	d Oxygen b	, mg/L	а	Ambie d Oxygen b	nt Temper	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	led Solids		Remarks
Date of Station MK1 S	Sampling: Time 11:55	No. CV/2004/0 24/10/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1	Veather C Tempera a 26.4	and Ko L condition: ature, <sup>o</sup> C b 26.4	Sunny Dissolve a 4.71	d Oxygen b 4.73	, mg/L	a 73.4	Ambie d Oxygen b 72.8	nt Temper	ature,°C: Salinity, a 35.2	28 ppt b 35.2	Turbidity a 1.25	, NTU b 1.32	Tide State: Average	Mid-Ebb	9.3	Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 11:55 11:55	No. CV/2004/0 24/10/2005 Sea	2 Reconstr	V Sampling Depth,m 1 3	Veather C Tempera a 26.4 26.4	and Ko L condition: ature, °C b 26.4 26.4	Sunny Dissolve a 4.71 4.66	d Oxygen b 4.73 4.64	, mg/L Average 4.69	a 73.4 71.6	Ambie d Oxygen b 72.8 71.4	nt Temper , % Average 72.3	ature,°C: Salinity, a 35.2 35.1	28 ppt 5 35.2 35.1	Turbidity a 1.25 1.17	, NTU b 1.32 1.27	Tide State:	Mid-Ebb Suspend 8.7 8.5	9.3 9.0	Depth	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 11:55 11:55 11:57	No. CV/2004/0 24/10/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 26.4 26.4 26.4	and Ko L condition: ature, <sup>o</sup> C b 26.4 26.4 26.4	Sunny Dissolve a 4.71 4.66 4.75	d Oxygen b 4.73 4.64 4.60	, mg/L Average	a 73.4 71.6 72.6	Ambie d Oxygen b 72.8 71.4 71.8	nt Temper , % Average	ature,°C: Salinity, a 35.2 35.1 34.7	28 ppt b 35.2 35.1 34.8	Turbidity a 1.25 1.17 0.93	NTU b 1.32 1.27 1.16	Tide State: Average	Mid-Ebb Suspend 8.7 8.5 9.3	9.3 9.0 12.0	Depth Average	Remarks
Date of Station MK1 S MK1 M	Sampling: Time 11:55 11:55	No. CV/2004/0 24/10/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3	Veather C Tempera a 26.4 26.4	and Ko L condition: ature, °C b 26.4 26.4	Sunny Dissolve a 4.71 4.66	d Oxygen b 4.73 4.64	, mg/L Average 4.69	a 73.4 71.6	Ambie d Oxygen b 72.8 71.4	nt Temper , % Average 72.3	ature,°C: Salinity, a 35.2 35.1	28 ppt 5 35.2 35.1	Turbidity a 1.25 1.17	, NTU b 1.32 1.27	Tide State: Average	Mid-Ebb Suspend 8.7 8.5	9.3 9.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Sampling: Time 11:55 11:55 11:57	No. CV/2004/0 24/10/2005 Sea Condition	02 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	Veather C Tempera a 26.4 26.4 26.4	and Ko L condition: ature, <sup>o</sup> C b 26.4 26.4 26.4	Sunny Dissolve a 4.71 4.66 4.75	d Oxygen b 4.73 4.64 4.60	, mg/L Average 4.69 4.68	a 73.4 71.6 72.6	Ambie d Oxygen b 72.8 71.4 71.8	nt Temper Average 72.3 72.2	ature,°C: Salinity, a 35.2 35.1 34.7	28 ppt b 35.2 35.1 34.8	Turbidity a 1.25 1.17 0.93	NTU b 1.32 1.27 1.16	Tide State: Average	Mid-Ebb Suspend 8.7 8.5 9.3	9.3 9.0 12.0	Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Sampling: Time 11:55 11:55 11:57 12:15	No. CV/2004/0 24/10/2005 Sea Condition Mid wave	Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	Tempera           26.4           26.4           26.4           26.4           26.4	and Ko L condition: ature, <sup>o</sup> C b 26.4 26.4 26.4 26.4 26.4	Sunny Dissolve a 4.71 4.66 4.75 4.59	d Oxygen b 4.73 4.64 4.60 4.57	, mg/L Average 4.69 4.68	a 73.4 71.6 72.6 69.3	Ambie d Oxygen b 72.8 71.4 71.8 69.5	nt Temper Average 72.3 72.2	ature, °C: Salinity, a 35.2 35.1 34.7 35.1	28 ppt 35.2 35.1 34.8 35.1	Turbidity a 1.25 1.17 0.93 0.86	NTU b 1.32 1.27 1.16 1.03	Tide State: Average 1.18	Mid-Ebb Suspend 8.7 8.5 9.3 13.0	9.3 9.0 12.0 14.0	Depth Average 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Sampling: Time 11:55 11:55 11:57 12:15 12:17	No. CV/2004/0 24/10/2005 Sea Condition Mid wave	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5	Tempera           a           26.4           26.4           26.4           26.4           26.4           26.4	and Ko L condition: ture, <sup>o</sup> C b 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49	d Oxygen b 4.73 4.64 4.60 4.57 4.54	, mg/L Average 4.69 4.68 4.55 4.55	a 73.4 71.6 72.6 69.3 69.2	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0	nt Temper , % Average 72.3 72.2 69.0 69.4	ature, °C: Salinity, a 35.2 35.1 34.7 35.1 35.1	28 ppt 35.2 35.1 34.8 35.1 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40	NTU b 1.32 1.27 1.16 1.03 1.26	Tide State: Average 1.18	Mid-Ebb Suspend 8.7 8.5 9.3 13.0 11.0	9.3 9.0 12.0 14.0 13.0	Depth Average 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Sampling: Time 11:55 11:55 11:57 12:15 12:17 12:23	No. CV/2004/0 24/10/2005 Sea Condition Mid wave	Overall Depth, m 6	Sampling Depth,m 1 3 5 1 7.5 14	Tempera           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4	and Ko L condition: ature, °C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 28.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.62	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52	, mg/L Average 4.69 4.68 4.55	a 73.4 71.6 72.6 69.3 69.2 69.3	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4	nt Temper- , % Average 72.3 72.2 69.0	ature,°C: Salinity, a 35.2 35.1 34.7 35.1 35.1 35.1	28 ppt 35.2 35.1 34.8 35.1 35.1 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27	NTU b 1.32 1.27 1.16 1.03 1.26 1.27	Tide State: Average 1.18	Mid-Ebb Suspend 8.7 8.5 9.3 13.0 11.0 8.7	9.3 9.0 12.0 14.0 9.0	Depth Average 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Sampling: Time 11:55 11:55 11:57 12:15 12:17 12:23 11:35	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1	Tempera           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4	and Ko L condition: ature, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.62           4.53	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.49	, mg/L Average 4.69 4.68 4.55 4.55	a 73.4 71.6 72.6 69.3 69.2 69.3 67.7	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2	nt Temper , % Average 72.3 72.2 69.0 69.4	ature, °C: Salinity, a 35.2 35.1 34.7 35.1 35.1 35.1 35.1 35.6	28 ppt 35.2 35.1 34.8 35.1 35.1 35.1 35.1 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43	.NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18	Tide State: Average 1.18 1.18	Mid-Ebb Suspence 8.7 8.5 9.3 13.0 11.0 8.7 12.0	9.3 9.0 12.0 14.0 13.0 9.0 13.0	Depth Average 9.5 11.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Sampling: Time 11:55 11:55 11:57 12:15 12:17 12:23 11:35 11:35	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave	Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3	Tempera           26.4	and Ko L condition: iture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.62           4.53           4.54	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.54	, mg/L Average 4.69 4.68 4.55 4.57 4.53	a 73.4 71.6 72.6 69.3 69.2 69.3 67.7 68.1	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0	ature, °C: Salinity, a 35.2 35.1 34.7 35.1 35.1 35.1 35.1 35.6 35.2	28 ppt 35.2 35.1 34.8 35.1 35.1 35.1 35.4 35.2	Turbidity           1.25           1.17           0.93           0.86           1.40           1.27           1.43           1.26	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04	Tide State: Average 1.18 1.18	Mid-Ebb Suspend 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3	9.3 9.0 12.0 14.0 13.0 9.0 13.0	Depth Average 9.5 11.5	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 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:37 11:45	No. CV/2004/C 24/10/2005 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 5 1	Shek           Tempera           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.5           26.6           26.3           26.4           26.3	and Ko L L condition: 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny Dissolve a 4.71 4.66 4.75 4.59 4.49 4.62 4.53 4.54 4.54 4.54 4.38	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.54 4.54 4.53 4.36	, mg/L Average 4.69 4.68 4.55 4.57 4.53	a 73.4 71.6 69.3 69.2 69.3 67.7 68.1 67.4 66.6	Ambie 1 Oxygen 5 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0	ature,°C: Salinity, a 35.2 35.1 34.7 35.1 35.1 35.1 35.6 35.2 35.2 35.2 35.3	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23	Fide State: Average 1.18 1.18 1.27	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0	9.3 9.0 12.0 14.0 13.0 9.0 13.0 13.0 13.0 11.0	Depth Average 9.5 11.5 11.7	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 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:37 11:45 11:47	No. CV/2004/C 24/10/2005 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	Shek           Tempere           2	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3	Sunny Dissolve a 4.71 4.66 4.75 4.59 4.62 4.62 4.62 4.63 4.54 4.76 4.38 4.44	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.54 4.52 4.49 4.54 4.53 4.36 4.43	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40	a 73.4 71.6 69.3 69.2 69.3 67.7 68.1 67.4 66.6 66.5	Ambie 1 Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 68.0 66.3	ature,°C: <u>Salinity</u> , a <u>35.2</u> <u>35.1</u> <u>34.7</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.6</u> <u>35.2</u> <u>35.2</u> <u>35.3</u> <u>35.3</u> <u>35.1</u>	28 ppt b 35.2 35.1 34.8 35.1 35.1 35.1 35.4 35.2 35.2 35.2 35.2	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34	NTU         b           1.32         1.27           1.16         1.03           1.26         1.27           1.18         1.04           1.33         1.23           1.30         1.30	Tide State: Average 1.18 1.18	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0	9.3 9.0 12.0 14.0 13.0 9.0 13.0 13.0 13.0 11.0 11.0	Depth Average 9.5 11.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 B MK3 B MK3 B MK4 S	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:37 11:45 11:47 11:52	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave	Overall Depth, m 6 15 6	V Samping Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 13	Jacobia         Jacobia <t< td=""><td>and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4</td><td>Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.53           4.54           4.76           4.38           4.44</td><td>d Oxygen           b           4.73           4.64           4.60           4.57           4.54           4.52           4.54           4.63           4.36           4.43</td><td>. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70</td><td>a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           66.6           66.5           67.4</td><td>Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 66.3 67.3</td><td>nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 68.0</td><td>ature, °C: <u>Salinity</u>, a <u>35.2</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.2</u> <u>35.3</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35</u></td><td>28 ppt b 35.2 35.1 34.8 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.1</td><td>Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 0.92 1.34 1.28</td><td>NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19</td><td>Fide State: Average 1.18 1.18 1.27</td><td>Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 14.0 17.0</td><td>9.3 9.0 12.0 14.0 13.0 13.0 13.0 13.0 11.0 11.0 11.0</td><td>Depth Average 9.5 11.5 11.7</td><td>Remarks</td></t<>	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.53           4.54           4.76           4.38           4.44	d Oxygen           b           4.73           4.64           4.60           4.57           4.54           4.52           4.54           4.63           4.36           4.43	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           66.6           66.5           67.4	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 66.3 67.3	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 68.0	ature, °C: <u>Salinity</u> , a <u>35.2</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.2</u> <u>35.3</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35</u>	28 ppt b 35.2 35.1 34.8 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 0.92 1.34 1.28	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19	Fide State: Average 1.18 1.18 1.27	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 14.0 17.0	9.3 9.0 12.0 14.0 13.0 13.0 13.0 13.0 11.0 11.0 11.0	Depth Average 9.5 11.5 11.7	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 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:37 11:45 11:47 11:52 12:30	No. CV/2004/C 24/10/2005 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 7 13 1	Shek         C           Tempera         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.3         2           26.3         2           26.3         2           26.3         2	and Ko L condition: 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.62           4.53           4.54           4.76           4.38           4.44           4.31	d Oxygem b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.53 4.36 4.36 4.36 4.43 4.29 4.68	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           67.4           66.6           66.5           67.4	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 68.0 66.3	ature,°C: Salinity, a 35.2 35.1 35.1 35.1 35.1 35.1 35.6 35.2 35.2 35.3 35.1 35.1 35.1 35.2 35.2	28 ppt 35.2 35.1 34.8 35.1 35.1 35.1 35.4 35.2 35.2 35.2 35.2 35.2 35.1 35.1 35.1 35.2	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19 1.24	Fide State: Average 1.18 1.18 1.27 1.21	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 17.0 12.0	9.3 9.0 12.0 13.0 9.0 13.0 13.0 13.0 13.0 11.0 11.0 18.0 8.0	Depth Average 9.5 11.5 11.7 13.8	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 B MK3 B MK3 B MK4 S	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:37 11:45 11:47 11:52	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave	Overall Depth, m 6 15 6	V Samping Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7 13	Jacobia         Jacobia <t< td=""><td>and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4</td><td>Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.53           4.54           4.76           4.38           4.44</td><td>d Oxygen           b           4.73           4.64           4.60           4.57           4.54           4.52           4.54           4.63           4.36           4.43</td><td>. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40 4.30</td><td>a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           66.6           66.5           67.4</td><td>Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 66.3 67.3</td><td>nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 66.3 66.3 67.4</td><td>ature, °C: <u>Salinity</u>, a <u>35.2</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.2</u> <u>35.3</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35</u></td><td>28 ppt b 35.2 35.1 34.8 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.1</td><td>Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 0.92 1.34 1.28</td><td>NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19</td><td>Fide State: Average 1.18 1.18 1.27</td><td>Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 14.0 17.0</td><td>9.3 9.0 12.0 14.0 13.0 13.0 13.0 13.0 11.0 11.0 11.0</td><td>Depth Average 9.5 11.5 11.7</td><td>Remarks</td></t<>	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.53           4.54           4.76           4.38           4.44	d Oxygen           b           4.73           4.64           4.60           4.57           4.54           4.52           4.54           4.63           4.36           4.43	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40 4.30	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           66.6           66.5           67.4	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 66.3 67.3	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 66.3 66.3 67.4	ature, °C: <u>Salinity</u> , a <u>35.2</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.2</u> <u>35.3</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.2</u> <u>35.1</u> <u>35.2</u> <u>35.3</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35.1</u> <u>35</u>	28 ppt b 35.2 35.1 34.8 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 0.92 1.34 1.28	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19	Fide State: Average 1.18 1.18 1.27	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 14.0 17.0	9.3 9.0 12.0 14.0 13.0 13.0 13.0 13.0 11.0 11.0 11.0	Depth Average 9.5 11.5 11.7	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 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:37 11:45 11:47 11:52 12:30	No. CV/2004/C 24/10/2005 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 7 13 1	Shek         C           Tempera         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.4         2           26.3         2           26.3         2           26.3         2           26.3         2	and Ko L condition: 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.62           4.53           4.54           4.76           4.38           4.44           4.31	d Oxygem b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.53 4.36 4.36 4.36 4.43 4.29 4.68	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40 4.30	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           67.4           66.6           66.5           67.4	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4	nt Temper , % Average 72.3 72.2 69.0 69.4 68.0 66.3 66.3 67.4	ature,°C: Salinity, a 35.2 35.1 35.1 35.1 35.1 35.1 35.6 35.2 35.2 35.3 35.1 35.1 35.1 35.2 35.2	28 ppt 35.2 35.1 34.8 35.1 35.1 35.1 35.4 35.2 35.2 35.2 35.2 35.2 35.1 35.1 35.1 35.2	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19 1.24	Fide State: Average 1.18 1.18 1.27 1.21	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 17.0 12.0	9.3 9.0 12.0 13.0 9.0 13.0 13.0 13.0 13.0 11.0 11.0 18.0 8.0	Depth Average 9.5 11.5 11.7 13.8	Remarks
Date of Station MK1 S MK1 M MK2 M MK2 M MK2 M MK3 M MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:37 11:47 11:47 11:52 12:30 12:32	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave Mid wave	Overall Depth, m 6 15 6 14	Sampling Depth,m 1 3 5 1 7,5 14 1 3 5 1 1 7 13 1 8	Shek           Tempere           a           26.4           26.4           26.4           26.4           26.4           26.4           26.3           26.3           26.3           26.3           26.3           26.3           26.3	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3 26.3 26.3	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.52           4.53           4.54           4.76           4.38           4.44           4.31           4.73	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.54 4.53 4.54 4.63 4.29 4.68 4.60	. mg/L Average 4.69 4.68 4.55 4.57 4.53 4.70 4.40 4.30 4.67 4.62	a 73.4 71.6 72.6 69.3 69.3 69.3 67.7 68.1 67.4 66.6 66.5 67.4 71.1 70.4	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4 71.3	nt Temper           .%           Average           72.3           72.2           69.0           69.4           68.0           66.3           67.4           71.1           71.6	ature,°C: Salinity, a 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.1 35.1 35.1 35.1 35.1 35.2 35.1 35.1	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.1 35.1 35.2 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20 1.36	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19 1.24 1.51	Fide State: Average 1.18 1.18 1.27 1.21	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 17.0 12.0 9.7	9.3 9.0 12.0 13.0 13.0 13.0 13.0 13.0 11.0 11.0 11	Depth Average 9.5 11.5 11.7 13.8	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 M MK2 M MK2 B MK2 M MK3 B MK3 B MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:45 11:45 11:47 11:52 12:30 12:32 12:38	No. CV/2004/C 24/10/2005 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 7 13 1 8 15	Jacobia         Jacobia           Tempera         26.4           26.4         26.4           26.4         26.4           26.4         26.4           26.3         26.3           26.3         26.3           26.3         26.2	and Ko L condition: 100 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.53           4.54           4.76           4.38           4.44           4.31           4.65           4.63	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.54 4.54 4.54 4.63 4.36 4.43 4.29 4.68 4.60 4.61	. mg/L Average 4.69 4.68 4.55 4.55 4.57 4.53 4.70 4.40 4.30 4.67	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           67.4           66.6           66.5           67.4           71.1           70.4           71.6	Ambie d Oxygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4 71.3 71.5	nt Temper           .%           Average           72.3           72.2           69.0           69.4           68.0           66.3           67.4           71.1	ature,°C: <u>Salinity</u> , a 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.3 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.2 35.3 35.1 35.2 35.2 35.3 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.2 35.1 35.2 35.1 35.2 35.2 35.2 35.3 35.1 35.2 35.1 35.2 35.2 35.1 35.2 35.1 35.2 35.2 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.2 35.	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.1 35.1 35.2 35.1 35.2 35.1 35.2	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20 1.36	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.23 1.30 1.19 1.24 1.51 1.11	Fide State: Average 1.18 1.18 1.27 1.21	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 12.0 9.7 14.0	9.3 9.0 12.0 14.0 13.0 13.0 13.0 13.0 13.0 11.0 11.0 18.0 9.0 10.0 17.0	Depth Average 9.5 11.5 11.7 13.8	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 CK1 S CK1 M CK1 B CK2 S	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:37 11:45 11:47 11:52 12:30 12:30 12:32 12:38 12:40	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave Mid wave	2 Reconstr Depth, m 6 15 6 14 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	Jacobia         Jacobia           1         1           26.4         26.4           26.4         26.4           26.4         26.4           26.4         26.4           26.4         26.4           26.4         26.4           26.4         26.4           26.3         26.3           26.3         26.3           26.2         26.2           26.3         26.3	and Ko L condition: 100 dition: 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3 26.3 26.3 26.3 26.3	Sunny           Dissolve           a           4.71           4.66           4.75           4.69           4.49           4.62           4.53           4.54           4.76           4.38           4.44           4.31           4.65           4.63           4.65	d Oxygeneral           b           4.73           4.64           4.60           4.57           4.54           4.52           4.49           4.54           4.63           4.36           4.43           4.29           4.68           4.60           4.61	. mg/L Average 4.69 4.68 4.55 4.57 4.53 4.70 4.40 4.30 4.67 4.62	a           73.4           71.6           72.6           69.3           69.2           69.3           67.7           68.1           67.4           66.5           67.4           71.1           70.4           71.6           72.0	Ambie 10xygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4 71.3 71.5 71.8	nt Temper           .%           Average           72.3           72.2           69.0           69.4           68.0           66.3           67.4           71.1           71.6	ature, °C: Salinity, a 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.2 35.1 35.2	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.1 35.1 35.1 35.2 35.1 35.2 35.1 35.2	Turbidity           a           1.25           1.17           0.93           0.86           1.40           1.27           1.43           1.26           1.36           1.28           1.20           1.36           1.04	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.27 1.18 1.23 1.30 1.23 1.30 1.19 1.24 1.51 1.11	Fide State: Average 1.18 1.18 1.27 1.21 1.24	Mid-Ebb Suspence 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 12.0 12.0 12.0 12.0 14.0 12.0 12.0 12.0 12.0	9.3 9.0 12.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	Depth Average 9.5 11.5 11.7 13.8 12.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 M MK2 B MK3 M MK3 B MK3 S MK3 M MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:37 11:47 11:45 11:47 11:52 12:30 12:32 12:38 12:40 12:42	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave Mid wave	2 Reconstr Depth, m 6 15 6 14 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	Shek           Tempere           a           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.3           26.3           26.3           26.3           26.3           26.2           26.3           26.2           26.3           26.2           26.3           26.2           26.3	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3 26.3 26.3 26.2 26.2	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.52           4.53           4.54           4.76           4.38           4.44           4.31           4.73           4.65           4.63	d Oxygen b 4.73 4.64 4.60 4.57 4.54 4.52 4.49 4.54 4.54 4.53 4.43 4.63 4.43 4.29 4.68 4.60 4.61 4.67 4.65	. mg/L Average 4.69 4.68 4.55 4.57 4.53 4.70 4.40 4.30 4.67 4.62 4.67	a 73.4 71.6 72.6 69.3 69.2 69.3 67.7 68.1 67.4 66.6 66.5 67.4 71.1 70.4 71.6 72.0 70.3	Ambie 10xygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4 71.3 71.5 71.4 71.3 71.5 71.4	nt Temper           .%           Average           72.3           72.2           69.0           69.4           68.0           66.3           67.4           71.1           71.6           71.3	ature,°C: <u>Salinity</u> , a 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.2 35.1 35.2 35.	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.1 35.1 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20 1.36 1.20 1.36 1.04 1.17 1.46	NTU           b           1.32           1.27           1.16           1.03           1.26           1.27           1.18           1.04           1.33           1.23           1.30           1.19           1.24           1.51           1.44	Fide State: Average 1.18 1.18 1.27 1.21 1.24	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 12.0 12.0 14.0 12.0 9.7 14.0 12.0 8.0	9,3 9,0 12,0 13,0 13,0 13,0 13,0 13,0 13,0 13,0 11,0 11	Depth Average 9.5 11.5 11.7 13.8 12.0	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 M MK2 B MK3 M MK3 B MK3 S MK3 M MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Sampling: Time 11:55 11:57 12:15 12:17 12:23 11:35 11:35 11:35 11:47 11:47 11:47 11:52 12:30 12:32 12:32 12:32 12:32 12:42 12:42	No. CV/2004/C 24/10/2005 Sea Condition Mid wave Mid wave Mid wave	2 Reconstr 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 1 7 7 13 1 1 8 15 1 1 8 15 1 7 5 11 7 7 13 13 1 7 5 11 7 7 5 11 7 7 5 11 7 7 5 11 7 7 5 11 7 7 5 11 7 7 5 11 7 7 7 5 11 7 7 7 7	Shek           Tempere           a           26.4           26.4           26.4           26.4           26.4           26.4           26.4           26.3           26.3           26.3           26.3           26.3           26.2           26.3           26.2           26.3           26.2           26.3           26.2           26.3	and Ko L condition: ture, "C b 26.4 26.4 26.4 26.4 26.4 26.4 26.3 26.3 26.3 26.3 26.3 26.3 26.2 26.2	Sunny           Dissolve           a           4.71           4.66           4.75           4.59           4.49           4.52           4.53           4.54           4.76           4.38           4.44           4.31           4.73           4.65           4.63	d Oxygen           b           4.73           4.64           4.60           4.57           4.54           4.52           4.49           4.54           4.63           4.43           4.68           4.60           4.63           4.63           4.63           4.64	. mg/L Average 4.69 4.68 4.55 4.57 4.53 4.70 4.40 4.30 4.67 4.62 4.67	a 73.4 71.6 72.6 69.3 69.2 69.3 67.7 68.1 67.4 66.6 66.5 67.4 71.1 70.4 71.6 72.0 70.3	Ambie 10xygen b 72.8 71.4 71.8 69.5 68.0 69.4 68.0 69.4 68.2 67.8 68.6 65.9 66.3 67.3 71.4 71.3 71.5 71.4 71.3 71.5 71.4	No.         No.           72.3         72.2           69.0         69.4           68.0         68.0           66.3         67.4           71.1         71.6           71.3         70.8	ature,°C: <u>Salinity</u> , a 35.2 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.1 35.1 35.2 35.2 35.1 35.2 35.	28 ppt b 35.2 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.1 35.1 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1	Turbidity a 1.25 1.17 0.93 0.86 1.40 1.27 1.43 1.26 1.36 0.92 1.34 1.28 1.20 1.36 1.20 1.36 1.04 1.17 1.46	NTU b 1.32 1.27 1.16 1.03 1.26 1.27 1.18 1.04 1.33 1.30 1.19 1.24 1.51 1.11 1.08 1.44 1.36	Fide State: Average 1.18 1.18 1.27 1.21 1.24	Mid-Ebb Suspenc 8.7 8.5 9.3 13.0 11.0 8.7 12.0 9.3 10.0 12.0 14.0 12.0 14.0 12.0 9.7 14.0 12.0 8.0 11.0	9,3 9,0 12,0 13,0 13,0 13,0 13,0 13,0 13,0 13,0 11,0 11	Depth Average 9.5 11.5 11.7 13.8 12.0	Remarks

### Salinity Meter:

EM 6167

34.5 ppt

Date: 31/10/2005

Thermometer:

EM 6167 Calibration Check:

Project:	Contract N	No. CV/2004/0	2 Reconsti	ruction of Wo	ong Shek	and Ko L	au Wan F	Public Pie	rs		Client:	Kin Shing	Construct	tion Co., I	Ltd.		Job No.:	J429			
Date of	Sampling:	26/10/2005		v	Veather C	ondition:	Sunny				Ambie	nt Temper	ature,°C:	28			Tide State:	Mid-Floo	d		
Station	Time	Sea	Overall	Sampling	Tempera	ature. °C	Dissolve	d Oxvaen	. ma/L	Dissolve	l Oxvaen	. %	Salinity,	ppt	Turbidity	NTU		Suspend	led Solids	. ma/L	Remarks
oration		Condition	Depth, m		a	b	a	b	Average	a		Average	a	b	a	b	Average	ouopone		Depth Average	riomano
MK1 S	16:30			1	26.7	26.7	4.71	4.70		72.6	71.8		35.6	35.4	1.40	1.26		13.0	16.0	Average	
			7						4.67			71.1					4.05			40.7	
MK1 M	16:31		'	3.5	26.4	26.4	4.66	4.61		70.6	69.3		35.3	35.3	1.17	1.16	1.25	13.0	13.0	13.7	
MK1 B	16:33			6	26.3	26.3	4.53	4.57	4.55	68.4	68.8	68.6	35.1	35.1	1.15	1.34		14.0	13.0		
MK2 S	16:40			1	26.6	26.7	4.79	4.66	4.66	71.3	72.2	71.0	35.5	35.5	1.32	1.27		6.7	6.3		
MK2 M	16:42		16	8	26.2	26.3	4.60	4.59	4.00	69.9	70.4	71.0	35.3	35.3	1.41	1.18	1.23	13.0	14.0	8.8	
MK2 B	16:48			15	26.2	26.2	4.70	4.64	4.67	67.3	68.0	67.7	35.2	35.2	0.98	1.22		7.3	5.3		
MK3 S	16:10			1	26.6	26.6	4.65	4.67		70.3	71.6		35.6	35.6	0.86	1.06		11.0	11.0		
MK3 M	16:11		7	3.5	26.2	26.3	4.61	4.49	4.61	68.3	68.5	69.7	35.4	35.3	1.15	1.43	1.18	7.0	6.7	10.0	
												07.0									
MK3 B	16:13			6	26.1	26.2	4.40	4.52	4.46	67.2	68.3	67.8	35.1	35.1	1.34	1.21		13.0	11.0		
MK4 S	16:20	-		1	26.6	26.5	4.58	4.73	4.63	71.1	69.4	69.9	35.5	35.7	1.17	1.17		9.0	12.0		
MK4 M	16:22		15	7.5	26.4	26.4	4.61	4.61		69.7	69.3		35.4	35.4	0.84	0.88	1.14	11.0	8.3	8.2	
MK4 B	16:28			14	26.3	26.3	4.53	4.62	4.58	67.6	68.4	68.0	35.1	35.1	1.41	1.36		5.0	3.7		
CK1 S	17:00			1	26.5	26.5	4.66	4.73		69.5	70.7		35.6	35.5	1.33	1.19		11.0	9.3		
CK1 M	17:02	1	17	8.5	26.3	26.3	4.51	4.61	4.63	68.4	69.0	69.4	35.3	35.3	1.21	1.08	1.19	7.0	9.0	9.3	
CK1 B	17:09			16	26.1	26.1	4.43	4.44	4.44	68.3	68.3	68.3	35.1	35.1	1.11	1.23		11.0	8.7		
									4.44			00.0									
CK2 S	16:50			1	26.5	26.5	4.80	4.79	4.70	72.4	72.9	71.3	35.5	35.5	1.16	1.31		5.3	6.7		
CK2 M	16:52	-	16	8	26.4	26.3	4.56	4.63		70.3	69.5		35.4	35.2	1.19	1.08	1.22	14.0	15.0	9.3	
CK2 B	16:58			15	26.2	26.2	4.65	4.48	4.57	68.8	68.3	68.6	35.2	35.2	1.36	1.22		6.7	8.3		
Equipmen	t used:	Dissolved Ox	ygen Mete	r:	EM	6167		Calibrati	ion Check:		100	100%:					Sampled I	By:	伊		
		Turbidity Met	er:		EM	2365		Calibrati	ion Check:		10.1	NTU					Checked I	By:	Raymon	d Dai	
		Salinity Meter			EM	6167		Calibrati	ion Check:		34.5	opt					Date:		2/11/200	5	
		'				0107		Galibrat			01.0	ppt					Dato.			5	
		Thermomete			EM	6167		Galibrat			01.0	ppr					Balo.				
								Calibrat			01.0	ppr					2010.			0	
Project:			r:		EM	6167	au Wan F					Kin Shing	Construct	tion Co., I	Ltd.		Job No.:		<u></u>	5	
	Contract N	Thermomete	r: 12 Reconstr	ruction of Wo	EM	6167 and Ko L					Client:							J429			
	Contract N	Thermometer	r: 2 Reconstr Overall	ruction of Wo	EM ong Shek Veather C Tempera	6167 and Ko Li condition: ature, °C	Cloudy	Public Pie	rs , mg/L	Dissolver	Client: Ambie	Kin Shing Int Temper	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Job No.: Tide State:	J429 Mid-Ebb		s, mg/L	Remarks
Date of	Contract N Sampling:	Thermometer No. CV/2004/0 26/10/2005	r: 12 Reconsti	ruction of Wo	EM ong Shek Veather C	6167 and Ko Li	Cloudy	Public Pie	rs		Client: Ambie	Kin Shing	ature,°C:	28			Job No.:	J429 Mid-Ebb			Remarks
Date of	Contract N Sampling:	Thermometer	r: 2 Reconstr Overall	ruction of Wo	EM ong Shek Veather C Tempera	6167 and Ko Li condition: ature, °C	Cloudy	Public Pie	, mg/L Average	Dissolver	Client: Ambie	Kin Shing Int Temper , % Average	ature,°C: Salinity,	28 ppt	Turbidity	, NTU	Job No.: Tide State:	J429 Mid-Ebb		s, mg/L Depth	Remarks
Date of Station	Contract N Sampling: Time	Thermometer	r: 2 Reconstr Overall	vuction of Wo V Sampling Depth,m	EM ong Shek Veather C Tempera a	6167 and Ko L condition: ature, °C b	Cloudy Dissolve a	Public Pie d Oxygen b	rs , mg/L	Dissolve	Client: Ambie I Oxygen b	Kin Shing Int Temper	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Job No.: Tide State:	J429 Mid-Ebb Suspend	led Solids	s, mg/L Depth	Remarks
Date of Station MK1 S	Contract N Sampling: Time 8:55	Thermometer No. CV/2004/0 26/10/2005 Sea Condition	r: 2 Reconstr Overall Depth, m	Sampling Depth,m	EM ong Shek Veather C Tempera a 26.6	6167 and Ko L condition: ature, °C b 26.4	Cloudy Dissolve a 4.73	Public Pie d Oxygen b 4.75	, mg/L Average	Dissolver a 72.3	Client: Ambie I Oxygen b 71.5	Kin Shing Int Temper , % Average	ature,°C: Salinity, a 35.3	28 ppt b 35.4	Turbidity a 1.44	, NTU b 1.36	Job No.: Tide State: Average	J429 Mid-Ebb Suspend	led Solids	, mg/L Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B	Contract N Sampling: Time 8:55 8:55 8:57	Thermometer No. CV/2004/0 26/10/2005 Sea Condition	r: 2 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5	EM ong Shek Veather C Tempera a 26.6 26.3 26.1	6167 and Ko L condition: ature, <sup>o</sup> C b 26.4 26.3 26.1	Cloudy Dissolve a 4.73 4.64 4.70	Public Pie d Oxygen b 4.75 4.58 4.59	rs , mg/L Average 4.68	Dissolve a 72.3 70.6 69.4	Client: Ambie 1 Oxygen b 71.5 69.7 69.8	Kin Shing Int Temper- , % Average 71.0	ature,°C: Salinity, a 35.3 35.1 35.1	28 ppt 35.4 35.1 35.1	Turbidity a 1.44 1.29 1.18	, NTU b 1.36 1.37 0.90	Job No.: Tide State: Average	J429 Mid-Ebb Suspend 12.0 20.0 6.3	11.0 20.0 7.0	, mg/L Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Contract N Sampling: Time 8:55 8:55 8:57 9:05	Thermometer	r: 2 Reconstr Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	EM ong Shek Veather C Tempera a 26.6 26.3 26.1 26.5	6167 and Ko L condition: ature, <sup>o</sup> C b 26.4 26.3 26.1 26.5	Cloudy           Dissolver           a           4.73           4.64           4.70           4.68	2 Dublic Pie d Oxygen b 4.75 4.58 4.59 4.77	rs , mg/L Average 4.68	Dissolved a 72.3 70.6 69.4 71.5	Client: Ambie 1 Oxygen b 71.5 69.7 69.8 69.3	Kin Shing Int Temper- , % Average 71.0	ature, °C: Salinity, a 35.3 35.1 35.1 35.4	28 ppt 35.4 35.1 35.1 35.4	Turbidity a 1.44 1.29 1.18 1.34	NTU b 1.36 1.37 0.90 1.11	Job No.: Tide State: Average 1.26	J429 Mid-Ebb Suspenc 12.0 20.0 6.3 10.0	11.0 20.0 7.0 12.0	, mg/L Depth Average 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Contract N Sampling: Time 8:55 8:55 8:57 9:05 9:07	Thermometer No. CV/2004/0 26/10/2005 Sea Condition	r: 2 Reconstr Overall Depth, m	V Sampling Depth,m 1 3 5 1 7.5	EM ong Shek Veather C Tempera a 26.6 26.3 26.1 26.5 26.3	6167 and Ko L condition: ature, °C b 26.4 26.3 26.1 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59	Public Pie           d Oxygen           b           4.75           4.58           4.59           4.77           4.55	rs mg/L Average 4.68 4.65 4.65	Dissolve a 72.3 70.6 69.4 71.5 69.7	Client: Ambie 1 Oxygen b 71.5 69.7 69.8 69.3 68.9	Kin Shing           Int Temperative           ,%           Average           71.0           69.6           69.9	ature, °C: Salinity, a 35.3 35.1 35.1 35.4 35.2	28 ppt 35.4 35.1 35.1 35.4 35.4 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17	NTU b 1.36 1.37 0.90 1.11 1.25	Job No.: Tide State: Average	J429 Mid-Ebb Suspenc 12.0 20.0 6.3 10.0 8.0	11.0 20.0 7.0 12.0 13.0	, mg/L Depth Average	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S	Contract N Sampling: Time 8:55 8:55 8:57 9:05	Thermometer	r: 2 Reconstr Overall Depth, m 6	V Sampling Depth,m 1 3 5 1	EM ong Shek Veather C Tempera a 26.6 26.3 26.1 26.5	6167 and Ko L condition: ature, <sup>o</sup> C b 26.4 26.3 26.1 26.5	Cloudy           Dissolver           a           4.73           4.64           4.70           4.68	2 Dublic Pie d Oxygen b 4.75 4.58 4.59 4.77	rs , mg/L Average 4.68 4.65	Dissolved a 72.3 70.6 69.4 71.5	Client: Ambie 1 Oxygen b 71.5 69.7 69.8 69.3	Kin Shing Int Temper- , % Average 71.0 69.6	ature, °C: Salinity, a 35.3 35.1 35.1 35.4	28 ppt 35.4 35.1 35.1 35.4	Turbidity a 1.44 1.29 1.18 1.34	NTU b 1.36 1.37 0.90 1.11	Job No.: Tide State: Average 1.26	J429 Mid-Ebb Suspenc 12.0 20.0 6.3 10.0	11.0 20.0 7.0 12.0	, mg/L Depth Average 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M	Contract N Sampling: Time 8:55 8:55 8:57 9:05 9:07	Thermometer	r: 2 Reconstr Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5	EM ong Shek Veather C Tempera a 26.6 26.3 26.1 26.5 26.3	6167 and Ko L condition: ature, °C b 26.4 26.3 26.1 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59	Public Pie           d Oxygen           b           4.75           4.58           4.59           4.77           4.55	rs Average 4.68 4.65 4.65 4.65	Dissolve a 72.3 70.6 69.4 71.5 69.7	Client: Ambie 1 Oxygen b 71.5 69.7 69.8 69.3 68.9	Kin Shing nt Temper ,% Average 71.0 69.6 69.9 69.1	ature, °C: Salinity, a 35.3 35.1 35.1 35.4 35.2	28 ppt 35.4 35.1 35.1 35.4 35.4 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17	NTU b 1.36 1.37 0.90 1.11 1.25	Job No.: Tide State: Average 1.26	J429 Mid-Ebb Suspenc 12.0 20.0 6.3 10.0 8.0	11.0 20.0 7.0 12.0 13.0	, mg/L Depth Average 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B	Contract N Sampling: Time 8:55 8:55 8:57 9:05 9:07 9:13	Thermometer	r: 2 Reconstr Overall Depth, m 6	V Sampling Depth,m 1 3 5 1 7.5 14	EM yeather C Tempera a 26.6 26.3 26.1 26.5 26.3 26.3 26.3 26.3	6167 and Ko L condition: ature, 'C b 26.4 26.3 26.1 26.5 26.3 26.3 26.2	Cloudy           Dissolver           a           4.73           4.64           4.70           4.68           4.59           4.56	Public Pie           d Oxygen           b           4.75           4.58           4.59           4.77           4.55           4.64	rs mg/L Average 4.68 4.65 4.65	Dissolved a 72.3 70.6 69.4 71.5 69.7 68.8	Client: Ambie 1 Oxygen b 71.5 69.7 69.8 69.3 68.9 69.3	Kin Shing nt Temper- , % Average 71.0 69.6 69.9	ature, °C: Salinity, a 35.3 35.1 35.1 35.4 35.2 35.2 35.1	28 ppt 35.4 35.1 35.1 35.4 35.1 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29	NTU b 1.36 1.37 0.90 1.11 1.25 1.31	Job No.: Tide State: Average 1.26	J429 Mid-Ebb Suspend 12.0 20.0 6.3 10.0 8.0 5.7	11.0 20.0 7.0 12.0 13.0 6.7	, mg/L Depth Average 12.7	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S	Contract N Sampling: Time 8:55 8:55 8:55 9:05 9:07 9:13 8:35	Thermometer	r: 2 Reconstr Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 1	EM Veather C 26.6 26.3 26.1 26.5 26.3 26.3 26.3 26.3	6167 and Ko L condition: ature, "C b 26.4 26.3 26.1 26.5 26.3 26.2 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68	Aublic Pie           d Oxygem           b           4.75           4.58           4.59           4.55           4.54           4.55           4.64	rs Average 4.68 4.65 4.65 4.65	Dissolve a 72.3 70.6 69.4 71.5 69.7 68.8 70.3	Client: Ambie b 71.5 69.7 69.8 69.3 68.9 69.3 69.4	Kin Shing nt Temper ,% Average 71.0 69.6 69.9 69.1	ature, °C: Salinity, a 35.3 35.1 35.1 35.4 35.2 35.2 35.1 35.2	28 ppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity           1.44           1.29           1.18           1.34           1.29           1.29           1.29           1.29           1.29           1.29	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 0.88	Job No.: Tide State: Average 1.26 1.25	J429 Mid-Ebb Suspenc 12.0 20.0 6.3 10.0 8.0 5.7 11.0	eed Solids           11.0           20.0           7.0           12.0           13.0           6.7           9.3	s, mg/L Depth Average 12.7 9.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M	Contract N Sampling: Time 8:55 8:55 8:57 9:05 9:07 9:07 9:13 8:35 8:35	Thermometer	r: 2 Reconstr Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3	EM veather C Tempera a 26.6 26.3 26.3 26.3 26.3 26.3 26.5 26.3	6167 and Ko L condition: ture, "C b 26.4 26.3 26.1 26.5 26.3 26.2 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55	Constraint         Constraint           d Oxygen         b           d         0.58           4.59         4.59           4.55         4.55           4.64         4.71	rs Average 4.68 4.65 4.65 4.65 4.65 4.66	Dissolve a 72.3 70.6 69.4 71.5 69.7 68.8 70.3 68.5	Client: Ambie b 71.5 69.7 69.3 68.9 69.3 69.3 69.4 68.9	Kin Shing Int Temper. Average 71.0 69.6 69.9 69.1 69.3 68.4	ature, °C: Salinity, a 35.3 35.1 35.1 35.4 35.2 35.1 35.3 35.1 35.3	28 ppt b 35.4 35.1 35.1 35.4 35.1 35.1 35.3 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.29 1.38	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 0.88 1.26	Job No.: Tide State: Average 1.26 1.25	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0	ed Solids 11.0 20.0 12.0 13.0 6.7 9.3 7.7	s, mg/L Depth Average 12.7 9.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Contract N Sampling: Time 8:55 8:55 8:55 9:05 9:05 9:07 9:13 8:35 8:35 8:35 8:35 8:37 8:45	Thermometer	r: 2 Reconstr Overall Depth, m 6 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 4 1 3 5 1	EM Ing Shek Veather C Tempera 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26	6167 and Ko L condition: iture, <sup>6</sup> C b 26.4 26.3 26.5 26.3 26.5 26.3 26.2 26.5 26.3 26.2 26.5	Cloudy Dissolve a 4.73 4.64 4.70 4.68 4.59 4.56 4.68 4.55 4.64 4.70	Herbic Pie           d Oxygen           b           4.75           4.58           4.59           4.77           4.55           4.64           4.67           4.60	rs Average 4.68 4.65 4.65 4.65 4.60 4.65	Dissolvea a 72.3 70.6 69.4 71.5 68.7 68.7 68.5 68.5 68.4 71.6	Client: Ambie b 71.5 69.7 69.8 69.3 68.9 69.3 69.4 68.9 68.4 70.3	Kin Shing int Temper ,% Average 71.0 69.6 69.9 69.1 69.3	ature,°C: <u>Salinity,</u> <u>a</u> <u>35.3</u> <u>35.1</u> <u>35.4</u> <u>35.2</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.1</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.4</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.4</u> <u>35.3</u> <u>35.4</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.4</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5.1</u> <u>35.5</u>	28 ppt b 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.3 35.1 35.4 35.1 35.4	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.38 1.05 1.46	NTU         b           1.36         1.37           0.90         1.11           1.25         1.31           0.88         1.26           1.17         1.20	Job No.: Tide State: Average 1.26 1.25	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 7.7 9.0	eed Solids           11.0           20.0           7.0           12.0           13.0           6.7           9.3           7.7           10.0           9.0	s, mg/L Depth Average 12.7 9.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:07 9:13 8:35 8:35 8:35 8:35 8:37 8:45 8:47	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6	V V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5	EM Ing Shek Veather C Temperative 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.5 26.5 26.5	6167 and Ko L condition: ture, °C b 26.4 26.3 26.4 26.5 26.3 26.2 26.5 26.3 26.2 26.5 26.3 26.2 26.6 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70	d Oxygen           d 0xygen           b           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.67           4.60	rs Average 4.68 4.65 4.65 4.65 4.60 4.65 4.66 4.63	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.1	Kin Shing Int Temper. Average 71.0 69.6 69.9 69.1 69.3 68.4 69.4	ature, °C: Salinity, 1 35.3 35.1 35.1 35.4 35.2 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.1 35.3 35.1 35.4 35.2 35.1 35.3 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.3 35.1 35.2 35.3 35.1 35.2 35.3 35.1 35.3 35.1 35.2 35.3 35.1 35.2 35.3 35.1 35.3 35.1 35.3 35.2 35.3 35.1 35.3 35.1 35.3 35.2 35.3 35.1 35.3 35.1 35.3 35.2 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.3 35.1 35.2 35.2 35.2 35.1 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.2 35.4 35.2 35.4 35.2 35.4 35.2 35.4 35.2 35.4	28 ppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.38 1.05 1.46 0.96	NTU         b           1.36         1.37           0.90         1.11           1.25         1.31           0.88         1.26           1.17         1.20           1.11         1.20	Job No.: Tide State: 1.26 1.25 1.17	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0 7.7 9.0 12.0	11.0           20.0           7.0           12.0           13.0           6.7           9.3           7.7           10.0           9.0           11.0	s, mg/L Depth Average 12.7 9.2 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 B MK3 B MK3 B MK4 S	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:03 8:35 8:35 8:35 8:37 8:45 8:47 8:45	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 3 5 1 1 7.5 14	EM yeather C Temperer a 26.6 26.3 26.1 26.5 26.3 26.3 26.5 26.5 26.3 26.5 26.3 26.5 26	6167 and Ko L condition: 26.4 26.3 26.1 26.5 26.3 26.2 26.5 26.3 26.2 26.6 26.3 26.2 26.6 26.3 26.2	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.59           4.68           4.56           4.68           4.56           4.68           4.56           4.68           4.56           4.64           4.70           4.63           4.63	Public Pie           d Oxygen           b           4.75           4.58           4.59           4.55           4.64           4.67           4.60           4.57	rs Average 4.68 4.65 4.65 4.65 4.65 4.66	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9	Client: Ambie b 71.5 69.7 69.8 69.3 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.4 70.3 68.1 67.3	Kin Shing Int Temper. Average 71.0 69.6 69.9 69.1 69.3 68.4	ature, °C: Salinity, 1 35.3 35.1 35.4 35.2 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2	28 pppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity           a           1.44           1.29           1.18           1.34           1.17           1.29           1.38           1.05           1.46           0.96           1.26	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 0.88 1.26 1.17 1.20 1.11 1.20	Job No.: Tide State: 1.26 1.25 1.17	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0 11.0 7.7 9.0 12.0 12.0	11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0	s, mg/L Depth Average 12.7 9.2 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 S MK3 M MK3 B MK4 S	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:07 9:13 8:35 8:35 8:35 8:35 8:37 8:45 8:47	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6	V V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5 1 1 7.5	EM Ing Shek Veather C Temperative 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.5 26.5 26.5	6167 and Ko L condition: ture, °C b 26.4 26.3 26.4 26.5 26.3 26.2 26.5 26.3 26.2 26.5 26.3 26.2 26.6 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70	d Oxygen           d 0xygen           b           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.67           4.60	rs Average 4.68 4.65 4.65 4.65 4.60 4.65 4.66 4.63	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.1	Kin Shing Int Temper. Average 71.0 69.6 69.9 69.1 69.3 68.4 69.4	ature, °C: Salinity, 1 35.3 35.1 35.1 35.4 35.2 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.1 35.3 35.1 35.4 35.2 35.1 35.3 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.1 35.2 35.2 35.1 35.2 35.2 35.1 35.2	28 ppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.38 1.05 1.46 0.96	NTU         b           1.36         1.37           0.90         1.11           1.25         1.31           0.88         1.26           1.17         1.20           1.11         1.20	Job No.: Tide State: 1.26 1.25 1.17	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0 7.7 9.0 12.0	11.0           20.0           7.0           12.0           13.0           6.7           9.3           7.7           10.0           9.0           11.0	s, mg/L Depth Average 12.7 9.2 9.5	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 B MK3 B MK3 B MK4 S	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:03 8:35 8:35 8:35 8:37 8:45 8:47 8:45	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 3 5 1 1 7.5 14	EM yeather C Temperer a 26.6 26.3 26.1 26.5 26.3 26.3 26.5 26.5 26.3 26.5 26.3 26.5 26	6167 and Ko L condition: 26.4 26.3 26.1 26.5 26.3 26.2 26.5 26.3 26.2 26.6 26.3 26.2 26.6 26.3 26.2	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.59           4.68           4.56           4.68           4.56           4.68           4.56           4.68           4.56           4.64           4.70           4.63           4.63	Public Pie           d Oxygen           b           4.75           4.58           4.59           4.55           4.64           4.67           4.60           4.57	rs Average 4.68 4.65 4.65 4.65 4.65 4.66 4.63 4.50	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9	Client: Ambie b 71.5 69.7 69.8 69.3 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.4 70.3 68.1 67.3	Kin Shing           Int Temperative           %           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1	ature, °C: Salinity, 1 35.3 35.1 35.4 35.2 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2	28 pppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity           a           1.44           1.29           1.18           1.34           1.17           1.29           1.38           1.05           1.46           0.96           1.26	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 0.88 1.26 1.17 1.20 1.11 1.20	Job No.: Tide State: 1.26 1.25 1.17	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0 11.0 7.7 9.0 12.0 12.0	11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0	s, mg/L Depth Average 12.7 9.2 9.5	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	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:05 9:07 9:13 8:35 8:35 8:35 8:35 8:37 8:45 8:45 8:45 8:47 8:53	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6 15 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 14 1 7.5 14 1 7.5 14	EM rig Shek Veather C Tempera 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.4 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.3 26.5 26	6167 and Ko L condition: iture, <sup>6</sup> C b 26.4 26.3 26.5 26.3 26.5 26.3 26.2 26.6 26.3 26.6 26.3 26.6 26.3 26.5 26.6	Cloudy           Dissolve           a           1.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70           4.68           4.55           4.64           4.70           4.63           4.43	Public Pie b 4.75 4.58 4.59 4.77 4.55 4.64 4.71 4.64 4.67 4.60 4.57 4.52 4.82	rs Average 4.68 4.65 4.65 4.65 4.65 4.66 4.63 4.50	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9           74.7	Client: Ambie b 71.5 69.7 69.8 69.3 69.3 69.4 68.9 69.4 68.9 68.4 70.3 68.4 70.3 68.1 67.3 72.7	Kin Shing           Int Temperative           %           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1	ature,°C: <u>Salinity,</u> a 35.3 35.1 35.4 35.4 35.4 35.3 35.1 35.4 35.4 35.4 35.4 35.4 35.2 35.5 35.5 35.2 35.2 35.2 35.2 35.2 35.2	28 pppt 35.4 35.1 35.1 35.4 35.1 35.4 35.3 35.1 35.4 35.2 35.2 35.2 35.2 35.2 35.2 35.4 35	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.29 1.29 1.29 1.38 1.05 1.46 0.96 1.26 1.34	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 1.25 1.31 1.26 1.17 1.20 1.11 1.26 1.18	Job No.: Tide State: 1.26 1.25 1.17 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 7.7 9.0 12.0 12.0 12.0 11.0	ed Solids 11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0 8.0	9.5 11.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 M MK2 M MK2 M MK2 B MK3 M MK3 B MK3 M MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:07 9:13 8:35 8:35 8:35 8:35 8:35 8:35 8:35 8:3	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6 15 15	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 14 1 7.5 14 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 3 5 1 1 1 3 5 1 1 1 3 5 1 1 1 3 5 1 1 1 1 3 5 1 1 1 3 5 1 1 1 3 5 1 1 1 3 5 1 1 1 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1	EM Ing Shek Veather C Temperera 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.4 26.4 26.4	6167 and Ko L condition: ture, °C b 26.4 26.3 26.5 26.5 26.5 26.6 26.3 26.2 26.6 26.3 26.2 26.6 26.3 26.2 26.6 26.3 26.2 26.5 26.3 26.1 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70           4.68           4.68           4.68           4.68           4.63           4.64           4.70           4.63           4.63           4.70	A.75           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.77           4.62           4.52           4.82           4.76	rs Average 4.68 4.65 4.65 4.65 4.65 4.66 4.63 4.60 4.63 4.50 4.82 4.51	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9           74.7           71.3	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.1 68.1 67.3 72.7 72.4	Kin Shing           Int Temperative           %           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1           72.8           68.9	Salinity,         a           35.3         35.1           35.4         35.2           35.1         35.1           35.3         35.1           35.4         35.2           35.1         35.1           35.2         35.1           35.4         35.2           35.4         35.2           35.2         35.3           35.3         35.3	28 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.2 35.2 35.2	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.29 1.38 1.05 1.46 0.96 1.26 1.34 1.30	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 1.26 1.17 1.20 1.11 1.26 1.11 1.26 1.18	Job No.: Tide State: 1.26 1.25 1.17 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 7.7 9.0 12.0 12.0 11.0 8.7	Intel         Solids           11.0         20.0           7.0         12.0           13.0         6.7           9.3         7.7           10.0         9.0           11.0         14.0           8.0         6.7	9.5 11.2	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK2 B MK3 S MK3 M MK3 B MK3 S MK3 B MK4 S MK4 M MK4 B CK1 S CK1 M CK1 B	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:07 9:03 8:35 8:35 8:35 8:35 8:35 8:35 8:35 8:45 8:47 8:45 8:47 8:53 9:25 9:27 9:23	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6 15 15	Uncertain of Workshop (%) Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 7.5 14 1 7.5 14 1 8 15	EM veather C Tempera a 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.3 26.5 26.5 26.3 26.5 26.5 26.3 26.5 26.	6167 and Ko L condition: ture, <sup>V</sup> C b 26.4 26.3 26.1 26.5 26.3 26.2 26.6 26.3 26.2 26.6 26.3 26.1 26.5 26.3 26.1 26.5 26.3	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.56           4.68           4.56           4.64           4.56           4.63           4.63           4.93           4.75	A.75           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.71           4.64           4.71           4.62           4.57           4.64           4.71	rs Average 4.68 4.65 4.65 4.65 4.60 4.65 4.66 4.63 4.50 4.82	Dissolve           a           72.3           70.6           69.7           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9           74.7           71.3           68.3	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.4 68.9 68.4 70.3 68.4 70.3 68.1 67.3 72.7 72.4 69.5	Kin Shing           Int Temperative           7%           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1           72.8	ature, °C: Salinity, 1 35.3 35.1 35.4 35.2 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.5 35.3 35.3 35.3	28 pppt b 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.5 35.3 35.3 35.3	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.38 1.05 1.38 1.05 1.36 0.96 1.26 1.34 1.30	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 0.88 1.26 1.17 1.20 1.11 1.26 1.18 1.36 1.20	Job No.: Tide State: 1.26 1.25 1.17 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 6.3 10.0 6.3 10.0 6.3 10.0 7.7 11.0 11.0 12.0 12.0 12.0 11.0 8.7 11.0	11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0 8.0 6.7 14.0	9.5 11.2	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 M MK3 B MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:07 9:13 8:35 8:35 8:35 8:35 8:35 8:35 8:35 8:3	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Depth, m 6 15 6 15 16	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 1 7.5 14 7.5 7.5 14 7.5 7.5 14 7.5 7.5 14 7.5 7.5 14 7.5 7.5 7.5 14 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	EM Ing Shek Veather C Temperer a 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.4 26.4 26.4 26.4 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.3 26.5	6167 and Ko L condition: (ture, °C b 26.4 26.3 26.5 26.5 26.3 26.5 26.3 26.6 26.3 26.6 26.3 26.6 26.3 26.5 26.3 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70           4.68           4.69           4.63           4.63           4.63           4.70           4.63           4.64           4.70           4.63           4.70           4.63           4.75           4.48           4.72	A.75           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.67           4.60           4.52           4.82           4.76	rs Average 4.68 4.65 4.65 4.65 4.60 4.65 4.66 4.63 4.60 4.63 4.50 4.82 4.51 4.80	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9           71.3           68.3           73.3           71.7	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.4 68.9 69.3 69.4 68.9 68.4 70.3 68.1 68.1 68.1 67.3 72.7 72.4 69.5 73.3 70.9	Kin Shing           Int Temperative           7%           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1           72.8           68.9           72.3	Salinity,         a           35.3         35.1           35.4         35.2           35.1         35.1           35.3         35.1           35.4         35.2           35.1         35.1           35.2         35.3           35.3         35.3           35.3         35.3           35.3         35.3	28 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.3 35.3 35.3 35.3 35.3	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.29 1.38 1.05 1.46 0.96 1.26 1.34 1.30 1.30 1.30 1.19	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 1.26 1.17 1.20 1.11 1.26 1.18 1.36 1.35 1.07	Job No.: Tide State: 1.26 1.26 1.25 1.17 1.21 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 11.0 12.0 12.0 12.0 11.0 8.7 11.0 11.0 6.3	ed Solids 11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0 8.0 6.7 14.0 18.0 8.3	9.5 9.9 9.9	Remarks
Date of Station MK1 S MK1 M MK1 B MK2 S MK2 M MK2 B MK3 B MK3 B MK3 B MK4 S MK4 M MK4 B CK1 S CK1 B CK2 S	Contract N Sampling: Time 8:55 8:55 9:05 9:07 9:05 9:07 9:13 8:35 8:35 8:35 8:35 8:35 8:35 8:35 8:45 8:45 8:45 8:45 9:25 9:27 9:23 9:27	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Depth, m 6 15 6 15 16	V Sampling Depth,m 1 3 5 1 7.5 14 1 3 5 1 1 7.5 14 1 7.5 14 1 8 15 1	EM Ing Shek Veather C Tempera 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.5 26	6167 and Ko L condition: iture, <sup>6</sup> C b 26.4 26.3 26.5 26.3 26.5 26.3 26.6 26.3 26.6 26.6 26.6 26.5 26.6 26.5 26.5 26.5	Cloudy           Dissolve.           a           4.73           4.64           4.70           4.68           4.59           4.68           4.55           4.64           4.55           4.64           4.70           4.63           4.70           4.63           4.70           4.63           4.70           4.63           4.70           4.63           4.75           4.48           4.75           4.49	Public Pie b 4.75 4.58 4.59 4.77 4.55 4.64 4.71 4.64 4.67 4.60 4.57 4.52 4.82 4.76 4.52 4.79	rs Average 4.68 4.65 4.65 4.65 4.65 4.66 4.63 4.60 4.63 4.50 4.82 4.51	Dissolvea a 72.3 70.6 69.4 71.5 68.8 70.3 68.8 70.3 68.5 68.4 77.6 66.9 74.7 71.3 68.3 73.3	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.4 68.9 69.4 68.9 68.4 70.3 68.4 70.3 68.1 67.3 72.7 72.4 69.5 73.3	Kin Shing           Int Temperative           7%           Average           71.0           69.6           69.9           69.1           69.3           68.4           69.4           67.1           72.8           68.9	Salinity,           a           35.3           35.1           35.1           35.1           35.2           35.1           35.3           35.1           35.2           35.1           35.1           35.2           35.4           35.5           35.5           35.3           35.5           35.3           35.5           35.3           35.5	28 pppt 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1	Turbidity           a           1.44           1.29           1.18           1.34           1.17           1.29           1.38           1.05           1.46           0.96           1.34           1.30           1.30	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 1.26 1.17 1.20 1.11 1.26 1.18 1.36 1.20 1.35	Job No.: Tide State: 1.26 1.26 1.25 1.17 1.21 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 8.0 5.7 11.0 7.7 9.0 12.0 12.0 12.0 12.0 11.0 8.7 11.0 17.0	ed Solids 11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0 8.0 6.7 14.0 18.0	9.5 9.9 9.9	Remarks
Date of Station MK1 S MK1 M MK2 B MK2 M MK2 B MK3 M MK3 B MK3 M MK3 B MK4 M MK4 B CK1 S CK1 M CK1 B CK2 S CK2 M	Contract N Sampling: Time 8:55 8:57 9:05 9:07 9:07 9:13 8:35 8:35 8:35 8:35 8:37 8:47 8:47 8:45 8:47 8:53 9:25 9:27 9:23 9:27 9:33	Thermometer No. CV/2004/0 26/10/2005 Sea Condition mid wave mid wave mid wave mid wave	r: 2 Reconstr Overall Depth, m 6 15 6 15 16 15 16	uction of Wc V Sampling Depth,m 1 3 5 1 7.5 14 1 7.5 14 1 7.5 14 1 8 15 1 1 8 15 1 1 7.5 14	EM Ing Shek Veather C Temperer a 26.6 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.4 26.4 26.4 26.4 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.3 26.5	6167 and Ko L condition: (ture, °C b 26.4 26.3 26.5 26.3 26.5 26.3 26.6 26.3 26.6 26.3 26.6 26.3 26.6 26.3 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.1 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.3 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5	Cloudy           Dissolve           a           4.73           4.64           4.70           4.68           4.59           4.56           4.68           4.55           4.64           4.70           4.68           4.69           4.63           4.63           4.63           4.70           4.63           4.64           4.70           4.63           4.70           4.63           4.75           4.48           4.72	A.75           4.75           4.58           4.59           4.77           4.55           4.64           4.71           4.64           4.71           4.64           4.77           4.64           4.71           4.64           4.57           4.62           4.52           4.76           4.52           4.79           4.81           4.66	rs Average 4.68 4.65 4.65 4.65 4.60 4.65 4.66 4.63 4.60 4.63 4.50 4.82 4.51 4.80	Dissolve           a           72.3           70.6           69.4           71.5           69.7           68.8           70.3           68.5           68.4           71.6           67.5           66.9           71.3           68.3           73.3           71.7	Client: Ambie 5 71.5 69.7 69.8 69.3 69.3 69.4 68.9 69.3 69.4 68.9 68.4 70.3 68.1 68.1 68.1 67.3 72.7 72.4 69.5 73.3 70.9	Kin Shing Int Temper- ,% Average 71.0 69.6 69.9 69.1 69.3 68.4 69.4 69.4 67.1 72.8 68.9 72.3 69.5	Salinity,         a           35.3         35.1           35.4         35.2           35.1         35.1           35.3         35.1           35.4         35.2           35.1         35.1           35.2         35.3           35.3         35.3           35.3         35.3           35.3         35.3	28 35.4 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 35.2 35.2 35.2 35.3 35.3 35.3 35.3 35.3	Turbidity a 1.44 1.29 1.18 1.34 1.17 1.29 1.29 1.38 1.05 1.46 0.96 1.26 1.34 1.30 1.30 1.30 1.19	NTU b 1.36 1.37 0.90 1.11 1.25 1.31 1.26 1.17 1.20 1.11 1.26 1.18 1.36 1.35 1.07	Job No.: Tide State: 1.26 1.26 1.25 1.17 1.21 1.21	J429 Mid-Ebb Suspenc 20.0 6.3 10.0 6.3 10.0 6.3 10.0 7.7 11.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0	ed Solids 11.0 20.0 7.0 12.0 13.0 6.7 9.3 7.7 10.0 9.0 11.0 14.0 8.0 6.7 14.0 18.0 8.3	9.5 9.9 9.9	Remarks

EM 6167 Salinity Meter:

Calibration Check:

34.5 ppt

Date: 2/11/2005

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: 28/10/2005 Weather Condition: Sunny Ambient Temperature,ºC: 28 Tide State: Mid-Flood Temperature, °C Dissolved Oxygen, mg/L a b a b Average Dissolved Oxygen, % a b Ave Salinity, ppt a b Turbidity, NTU a b Suspended Solids, mg/L Station Overall Sampling Remarks Time Condition )epth,m Average Average Depth, m verage MK1 S 17:02 1 26.4 26.4 4.82 4.67 72.6 71.9 35.3 35.4 1.25 1.36 14.0 13.0 4.71 71.4 71.0 MK1 M 17:03 mid wave 7 3.5 26.2 26.2 4.70 4.65 69.9 35.1 35.2 1.15 1.15 1.21 5.7 8.7 9.5 MK1 B 17:05 4.56 68.5 7.7 6 26.1 26.1 4.61 4.59 68.7 68.6 35.1 35.1 1.08 1.26 7.7 MK2 S 17:16 1 26.3 26.3 4.85 4.76 72.4 72.0 35.3 35.3 1.23 1.21 8.7 6.3 4.73 71.6 MK2 M 17:18 mid wave 16 4.71 4.58 71.5 70.6 35.1 35.1 1.15 1.13 1.17 7.1 8 26.1 26.1 8.3 10.0 MK2 B 17:24 15 26.0 26.0 4.53 4.63 4.58 69.4 69.0 69.2 35.1 35.1 0.96 1.34 5.7 3.3 MK3 S 16:33 26.4 26.4 4.77 4.77 71.8 72.4 35.4 35.4 1.27 1.19 9.7 8.3 1 4.69 71.4 16:34 7 MK3 M mid wave 3.5 26.2 26.2 4.64 4.58 70.3 70.9 35.2 35.2 0.97 0.94 1.16 5.0 6.7 7.5 МКЗ В 16:36 6 26.1 4.53 4.61 4.57 68.4 69.3 35.1 35.1 1.22 7.0 26.0 68.9 1.39 8.0 MK4 S 16:47 26.3 4.75 4.68 72.5 35.3 26.4 71.4 35.4 1.22 1.30 9.0 7.0 1 4 69 70.6 mid wave MK4 N 16:49 16 8 26.1 26.1 4.61 4.73 69.4 68.9 35.1 35.1 1.10 1.19 1.16 8.3 7.0 7.3 MK4 B 16:55 4.55 4.55 69.5 69.0 35.1 35.1 0.88 5.7 6.7 15 26.1 26.1 4.55 69.3 1.25 CK1 S 17:30 1 26.3 26.3 4.70 4.81 72.6 73.1 35.3 35.3 1.29 1.17 5.3 4.0 4.72 71.5 17:32 69.3 71.0 CK1 M mid wave 17 8.5 26.1 26.1 4.66 4.69 35.1 35.1 1.37 1.16 1.27 7.3 8.3 5.9 CK1 B 17:39 16 26.1 26.1 4.58 4.53 4.56 70.7 69.3 70.0 35.1 35.1 1.25 1.37 6.3 4.3 CK2 S 17:44 1 26.3 26.3 4.73 4.70 69.1 72.4 35.1 35.4 1.33 1.27 8.0 8.7 4.69 70.3 CK2 M 17:46 mid wave 16 8 26.1 26.1 4.65 4.67 68.5 71.3 35.2 35.2 1.09 1.11 1.18 5.7 5.3 8.1 CK2 B 26.0 4.52 4.59 69.4 35.1 35.1 1.24 10.0 11.0 17:52 15 26.0 4.56 70.2 69.8 1.06 Equipment used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: 伊 9.9 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: EM 6167 Calibration Check: 35.5 ppt Date: 4/11/2005 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: 28/10/2005 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, mg/L Remarks Time Sea Salinity, ppt Condition Depth, m Depth,m b b Average b verag verage b epth а а а b а а verage MK1 S 9:56 26.4 26.4 4.73 4.79 70.3 35.4 35.6 1.24 6.7 1 71.6 1.11 4.3 5.22 70.4 MK1 M 9.56 mid wave 6 3 26.2 26.2 4 65 672 69.8 69.7 35.4 35.4 1 19 0.97 1.19 87 70 8.1 MK1 B 9:58 5 26.0 26.0 4.57 4.56 4.57 69.3 67.5 68.4 35.2 35.2 1.34 1.26 11.0 11.0 MK2 S 10:10 1 26.3 26.3 4.66 4.75 70.4 71.3 35.6 35.6 1.27 1.24 13.0 13.0 4.66 70.0 mid wave 15 1.19 14.0 MK2 M 10:12 7.5 26.1 4.59 4.64 69.2 69.2 35.3 1.17 1.36 12.0 11.0 26.1 35.4 MK2 B 10:18 14 26.0 26.0 4.70 4.68 4.69 69.0 68.7 68.9 35.2 35.2 1.25 0.86 16.0 19.0 MK3 S 9:31 26.4 26.4 4.78 4.73 71.4 71.7 35.6 35.6 1.30 1.22 12.0 11.0 4.69 71.0 МКЗ М 9:31 mid wave 6 3 26.2 26.3 4.62 4.63 70.2 70.8 35.3 35.3 1.18 1.24 1.21 13.0 9.3 10.3 МКЗ В 7.7 9:33 5 26.1 26.1 4.58 4.58 4.58 69.7 69.4 69.6 35.2 35.2 1.08 1.24 9.0 MK4 S 9:43 1 26.5 26.5 4.75 4.73 72.3 70.6 35.6 35.6 1.36 1.30 14.0 11.0 4.69 70.7 MK4 M 9:45 7.5 26.2 26.2 4.65 4.61 69.5 70.3 35.3 35.3 1.11 1.17 7.0 6.3 mid wave 15 1.28 11.4 MK4 B 4.68 4.64 68.3 68.4 35.2 9:51 14 26.1 26.1 4.60 68.4 35.2 0.82 1.17 18.0 12.0 8.3 CK1 S 10:24 26.4 26.3 4.82 4.76 70.5 70.5 35.5 35.5 1.09 1.26 8.7 1 4.73 70.5 CK1 M 10.26 mid wave 16 8 26.1 26.1 4 66 4 69 716 69.5 35.3 35.2 1 16 1.15 1.22 50 53 8.1 CK1 B 10:32 15 26.0 26.0 4.65 4.65 4.65 68.8 68.4 68.6 35.1 35.1 1.36 1.29 10.0 11.0 CK2 S 10:40 1 26.3 4.80 35.5 35.5 1.25 5.7 6.3 26.3 4.81 72.6 73.0 1.17 4.76 71.6 CK2 M 10:42 mid wave 15 7.5 26.1 26.1 4.69 4.73 70.8 69.9 35.3 35.3 1.30 1.18 1.20 16.0 13.0 9.0 1.34 CK2 B 10:48 14 26.0 26.0 4.63 4.60 4.62 68.5 68.9 68.7 35.3 35.2 0.97 7.7 5.0

Equipment used:	Dissolved Oxygen Meter:	EM	6167	Calibration Check:	100	100%:	Sampled By:	伊
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.5	ppt	Date:	4/11/2005
	Thermometer:	EM	6167					

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 Date of Sampling: 31/10/2005 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 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 25.4 MK1 S 17:27 1 25.4 4.72 4.65 66.3 65.8 35.4 35.4 0.98 1.17 12.0 11.0 4.63 65.5 MK1 M 17:28 mid wave 7 3.5 25.3 25.3 4.53 4.60 64.7 65.2 35.2 35.2 1.36 1.21 1.17 6.0 8.0 9.1 8.7 MK1 B 17:30 6 25.3 25.3 4.43 4.43 4.43 63.5 63.7 63.6 35.1 35.1 1.16 1.15 9.0 MK2 S 17:40 1 25.3 25.3 4.63 4.68 67.0 66.5 35.3 35.3 1.29 1.18 12.0 11.0 4.61 66.0 MK2 M 17:42 mid wave 16 25.3 4.55 4.59 65.0 65.4 35.1 35.3 1.08 1.15 13.0 11.3 8 25.3 0.95 10.0 4.44 MK2 B 17:48 15 25.2 25.2 4.48 4.46 64.7 64.3 64.5 35.2 35.2 1.28 1.10 10.0 12.0 MK3 S 17:01 25.3 25.3 4.70 4.63 67.0 66.3 35.4 35.2 1.00 1.23 5.0 8.3 1 4.61 65.9 MK3 M 17:02 mid wave 7 3.5 25.3 25.3 4.51 4.61 65.3 64.8 35.2 35.4 1.40 1.27 1.16 12.0 10.0 7.6 МКЗ В 17:04 6 4.50 4.45 4.48 64.2 64.1 35.2 4.0 25.3 25.3 64.0 35.2 0.97 1.08 6.3 MK4 S 17:15 25.4 4.67 4.71 67.3 35.2 25.4 66.5 35.3 1.11 1.17 8.0 7.0 1 4.63 66.0 mid wave MK4 N 17:17 15 7.5 25.3 25.3 4.57 4.56 64.8 65.3 35.2 35.3 1.28 1.36 1.19 7.0 9.0 8.6 MK4 B 4.50 4.50 63.8 64.1 35.2 8.3 17:23 14 25.2 25.3 4.50 64.0 35.2 1.05 1.16 12.0 1 CK1 S 17:51 25.4 25.3 4.67 4 67 66.7 66.4 35.4 35.4 1.09 1.20 11.0 8.0 4.64 66.1 CK1 M 17:53 mid wave 17 8.5 25.3 25.3 4.58 4.64 65.8 65.5 35.2 35.2 1.34 1.19 1.17 4.3 4.7 7.3 CK1 B 18:00 16 25.1 25.1 4.53 4.50 4.52 64.0 63.6 63.8 35.2 35.2 0.84 1.36 7.7 8.3 CK2 S 18:03 1 25.4 25.4 4.80 4.64 67.3 67.0 35.4 35.4 1.15 1.23 12.0 15.0 4.64 66.5 CK2 M 18:05 mid wave 16 8 25.3 25.3 4.53 4.57 65.7 66.1 35.3 35.3 1.21 1.06 1.14 4.7 4.3 8.4 25.1 4.41 4.40 64.5 35.2 35.2 CK2 B 18:11 15 25.1 4.41 64.3 64.4 1.08 1.13 7.0 7.3 Equipment used: Dissolved Oxygen Meter: 6167 EM Calibration Check: 100 100%: Sampled By: 伊 9.9 NTU 2365 Calibration Check: Checked By: Raymond Dai Turbidity Meter: EM Salinity Meter: EM 6167 Calibration Check: 35.6 ppt Date: 7/11/2005 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: 31/10/2005 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, mg/L Remarks Time Sea Salinity, ppt Condition Depth, m . Depth,m b Average b verag verage b а а b а b а а eptł verage MK1 S 12:07 25.2 25.2 4.62 4.69 65.8 35.3 35.3 0.81 5.3 1 65.4 1.16 5.7 4.66 65.8 MK1 M 12.07 mid wave 6 3 25.1 25.1 4 73 4 60 66.1 65.7 35.1 35.1 1 34 1.36 1.18 9.0 65 8.3 MK1 B 12:09 5 25.1 25.1 4.53 4.56 4.55 64.4 64.6 64.5 35.1 35.1 1.27 1.12 13.0 10.0 MK2 S 12:21 1 25.3 25.3 4.74 4.80 66.0 35.3 35.2 0.90 1.26 7.3 7.0 66.3

EM Equipment used: Dissolved Oxygen Meter: 6167 Calibration Check: 100 100%: Sampled By: 伊 9.9 NTU EM 2365 Calibration Check: Checked By: Turbidity Meter: Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35.6 ppt Date: 7/11/2005

4.70

4.47

4.67

4.55

4.67

4.52

4.65

4.52

4 68

4.51

65.4

64.3 64.0

65.6 66.1

65.3 64.9

64.7 65.0

67.1 67.3

66.5 66.6

64.3

66.8

66.0 65.0

64.7 65.3

67.5 67.0

66.4 66.7

64.4 64.9

65.1

64.3

66.4

65.7

64.2

65.5

64.9

66.9

64.3

66.1

65.0

66.9

64.7

35.2

1.38

1.30

1.17

1.16

35.2

35.1 35.1 1.06 1.28

35.3 35.3 1.26 1.43

35.3 35.2 1.15 0.82

35.2 35.2 1.07 1.15

35.3 35.3 1.33 1.18

35.1 35.2

35.1 3.5.1 0.84 1.07

35.3 35.3

35.2 35.2 1 24 1 2 9

35.1 35.1 1.20 1.08

35.3 35.3

35.1 35.1 1.20 1.40

35.1 35.1 1.01 1.16 1.16

1.15

1.15

1.24 57 60

1.23 8.7

6.0 4.7

4.7 5.0

21.0 17.0

7.0 8.0

11.0 8.3

15.0 11.0

13.0

18.0 18.0

4.7 6.0

4.0 5.7

9.0

12.0 13.0

10.0

6.3

11.0

1.08

1.20

1.44

1.46

5.8

12.1

14.2

5.4

10.0

Thermometer:

EM

mid wave

mid wave

mid wave

mid wave

mid wave

MK2 M

MK2 B

MK3 S

МКЗ М

MK3 B

MK4 S

MK4 M

MK4 B

CK1 S

CK1 M

CK1 B

CK2 S

CK2 M

CK2 B

12:23

12:29

11:38

11:38

11:40

11:52

11:54

12:00

12:35

12:37

12:43

12:49

12:51

12:57

15

6

15

16

15

7.5

14

3

5

1

7.5

14

1

8

15

1

7.5

14

25.2

25.2 25.2 4.40 4.54

25.3 25.3 4.71 4.66

25.2 25.2 4.65 4.67

25.2 25.2 4.53 4.57

25.2 25.2 4.68 4.70

25.1 25.1

25.1 25.1

25.3 25.3 4.71 4.66

25.1 25.1 4 61 4 60

25.0 25.0 4.48 4.55

25.3 25.2 4.67 4.72

25.1 25.1 4.68 4.63

25.0 25.0 4.51 4.51

6167

25.2

4.62 4.65

4.63 4.67

4.54 4.50



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 November 2005

Sunday	Monday		Tuesday		Wednesday	Thursday	Friday	Saturday
				1	2	2 3	4	5
					WQM <sup>3</sup>		WQM <sup>3</sup>	
					(Ebb: 12:27)		(Ebb: 13:26)	
					(Flood: 17:04)		(Flood: 17:42)	
6		7		8	9	) 10	11	12
	WQM <sup>3</sup>		WQM <sup>3</sup>				WQM <sup>3</sup>	
	(Ebb: 15:17)		(Ebb: 11:34)				(Ebb: 8:05)	
	(Flood: 19:06)		(Flood: 15:39)				(Flood: 15:02)	
13		14		15	16	5 17	18	19
	WQM <sup>3</sup>				WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 10:51)				(Ebb:12:17)		(Ebb: 13:06)	
	(Flood: 16:59)				(Flood: 18:10)		(Flood: 17:13)	
20		21		22	23	3 24	25	26
	WQM <sup>3</sup>				WQM <sup>3</sup>		WQM <sup>3</sup>	
	(Ebb: 03:00)*				(Ebb: 06:00)*		(Ebb: 8:00)	
	(Flood: 15:07)				(Flood: 16:02)		(Flood: 19:14)	
27		28		29	30	)		
	WQM <sup>3</sup>				WQM <sup>3</sup>			
	(Ebb: 9:44)				(Ebb: 11:15)			
	(Flood: 15:48)				(Flood: 16:42)			

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 on 21 and 23 November 05, due to unsuitable time for sample collection.