

CEDD Contract No.: CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers

CONTRACT NO: CV/2004/02

RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (WONG SHEK)

- JUL 2005 -

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We refer to July 05 EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 5 October 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,

Joseph Poon Independent Environmental Checker

JP/cy

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EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for July 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} Jul 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
- Construction of temporary berth
- Construction of preliminary pile

Water Quality Monitoring

25 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 except for one event at mid-flood tide on 22 Jul which could not be done due to thunderstorm warning.

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

5.6m³ C&D materials was produced and disposed of at public fill at SENT landfill while no general refuse or 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

Four site inspections were conducted by the Environmental Team (ET) in this reported period. 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
-	-	No particular observations at Wong Shek Pier	-	-

An audit by the Independent Environmental Checker (IEC) was conducted on 28 Jul 2005 with the Engineers' Representative and the Environmental Team. Major observations are summarised in the following table.

Item	Туре	Description	Action taken by Contractor	Outcome
1	Obs	Sandbags on the barge needs replacement	Replace the new sand bags	Done
2	Obs	Silt curtain not closed properly	Secure the silt curtain to maintain it closed at all times	Implemented

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 work for temporary berth	Water, Noise	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Avoid chemical spill and provide spill control if necessary
Construction of preliminary pile and pile loading test	Water, Noise, Waste	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Proper waste collection and temporary storage Avoid chemical spill and provide spill control if necessary
Construction of main piles	Water, Noise	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Avoid chemical spill and provide spill control if necessary



1

INTRODUCTION

1.1 SCOPE OF THE REPORT

Effective from 1 July 2005, 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 at 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 August 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
- Construction of temporary berth
- Construction of preliminary pile

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	16-Mar-04	-	Issued
Waste Producer Registration	WPN5213-742- K1081-05	12-May-05	-	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 <u>Appendix B</u>.



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 gauge 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 th 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 & 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 – Jul 05

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

Note:

- X: Monitoring conducted
- Schedule is formulated and with consideration of statutory holidays (shaded in the table).
- Event at mid-flood tide on 22 Jul could not be done due to thunderstorm warning



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) – Jul 05

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	6.26	5.27	1.52	11.5
MW2	5.88	4.34	1.52	13.2
CW1	5.53	5.05	1.62	13.5
CW2	5.42	4.27	1.51	10.9

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

Station	Averaged DO Surface & Middle (mg/L)	Averaged DO Bottom (mg/L)	Averaged Turbidity (NTU)	Averaged Suspended Solids (mg/L)
MW1	5.56	4.68	1.89	11.2
MW2	5.42	3.58	2.34	11.6
CW1	5.43	4.45	2.12	10.9
CW2	5.18	4.14	1.80	12.0

5.2

WASTE MONITORING RESULTS

5.6m³ C&D materials was produced and disposed of at public fill at SENT landfill while no general refuse or 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) – Jul 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) – Jul 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 exceedances in dissolved oxygen could possibly due to increasing temperature of the marine water during the summer period, reducing the overall solubility of dissolved oxygen in marine water when compared to the action and limit levels derived from baseline water quality monitoring done during the period from January to February 2005 (water temperature: 16 - 17 $^{\circ}$ C).

The observed exceedance for turbidity and suspended solids are respectively around within 3 NTU and 30 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 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.

7.1 ENVIRONMENTAL INSPECTION

The ET carried out 4 inspections during this reporting period. The results of these inspections and outcomes are summarized in *Table 7.1*.

Table 7.1Summary of Environmental Inspection – Jul 05

Item	Date	Observations	Action taken by Contractor	Outcome
-	-	No particular observations at Wong Shek Pier	-	-

7.2 IEC AUDIT

An audit was undertaken by the IEC on 28 Jul 2005. The results are summarized in *Table 7.2*.

Table 7.2IEC Audit Results – Jul 05

I	ltem	Туре	Description	Action taken by Contractor	Outcome
	1	Obs	Sandbags on the barge needs replacement	Replace the new sand bags	Done
	2	Obs	Silt curtain not closed properly	Secure the silt curtain to maintain it closed at all times	Implemented

NC: Non-conformity Obs: Observation



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 Aug 2005 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 – Aug 2005

Construction Works	Predict Impacts	Proposed Mitigation Measures
Piling work for temporary berth	Water, Noise	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Avoid chemical spill and provide spill control if necessary
Construction of preliminary pile and pile loading test	Water, Noise, Waste	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Proper waste collection and temporary storage Avoid chemical spill and provide spill control if necessary
Construction of main piles	Water, Noise	 Silt curtain to be secured Avoid concurrent noisy operation during the erection of deck for the temporary berth Avoid chemical spill and provide spill control if necessary



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	Н	
	NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETRES. 2. ALL CO-ORDINATES REFER TO HONG KONG GEODETIC DATUM 1980 AND ARE IN METRES. 3. ALL LEVELS REFER TO CHART DATUM (C.D.) AND ARE IN METRES.	
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Figure 2.3

Master Construction Programme

ontract No.: CV/2004/02 construction of Wong Shek and o Lan Wan Public Piers		Mas	ter Progr (Version 2)	amme		Contractor: Kin Shing Construction Co. 1 Commencement Date: 15th Nov 20 Completion Date: 5th Aug 20 Programme Date: 21st Feb 20
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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	* \$22522261262255	DIRECTOR CONTRACTOR CONT
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			u (V)um	UDISANAS AT INSULAANASA MAANAANAANAANAANAANAANAANAANAANAANAANAAN
Sultiniasica and approval	£5 days	Moat 05/1/3 Mon (15/1/17		1	13 INNER	XXH
Provision	28 days	Tue 05/1/18 Mon 05/2/14	12.15	1		เราะ นักและเพราะการการการการการการการการการการการการการก
Servicing	538 days	Tue 05/2/15 Son 06/8/6	n		£ 1	14 ให้มัดรู้กัดปัวจริงสงสงราวบรรงบายและสุขตรงสารทรงสงราชสงราชรู 14 ให้มัดรู้กัดปัวจริงสงสงราวบรรงบายและสุขตรงสารทรงสารทรง 14 ให้มัดรู้การที่สารทรงสารทรงสารทรงสารทรงสารทรงสารทรง 14 ให้มัดรู้การที่สารทรงสารทรงสารทรงสารทรงสารทรงสารทรงสารทรง 14 ให้มัดรู้การที่สา สารที่สา สารที่สาร
Decommissioning	1 day	Moar 06/8/7 Moar 06/8/7	H		1 - I - I - I	
Provision of Contractor's accommudation	602 days	Mon 04/12/13 Sub 06/8/6		1	16 TERRETERED 31	นของกับโอกรามที่เห็นหนึ่งการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการส
fultial survey	20 days	Wed 04/12/15 Man 05/1/3			17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	- i i
Erection of boarding and project signbaard at Por. A	34 days	Mon 05/1/31 8at 05/3/5	- 17			18 Technesises fragen
Frection of hearding and project signboard at For. B	13 days	Mon 05/1/21 Sat 05/3/5		1		10 TIEREEN
Application and Installation of dectrical system	75 déys	l/ri 04/12/31 "Twe 05/3/15		1	S0 PERSENT	TARAATERSTERREERE PROVINCE TO THE PROVINCE TO
Application and installation of water supply system	75 days	Son 05/1/16 Tho 05/3/31		1.6	21	FITTERSERVERSESSITICITED PERMITTERS
Application and installation of telephone fines	75 days	Sun 05/1/16 Thu 05/3/31		1	22	· VITIERREARCECTREARCERSERSERSERS
Notification of parties in concern	34 days	Wed 04/12/1 Fri 04/12/31		23	323 528 9 2 3 2 9 3 3 3 3 5	
Application for prinningation of Marine Department Notice for Wong Shek	71 days	Vri 04/12/17 Fri 05/2/25			24 12202 202 201 203 20	ANIMAN AND AND AND AND AND AND AND AND AND A
Application for promotyation of Marine Department Notice for Ko Loo Wan	65 days	Pci 04/12/17 Snt 05/2/19			33 <i>4772224221</i> 2	anananan
Environmental Alemitaring	658 days	Mon 04/11/15 Sun 46/9/3		20 9 10/10/10	di sua su	CONTRACTOR DURING TO DESCRIPTION OF THE OWNER
Submission and approval of ES and IC(Env)	dd days	Mon 04/11/15 Tee 04/12/28		27 245645642	mannan i	
Endorsement of EM&A prograal	12 days	Wed 0491229 Sun 05/1/9	27	1 1	28 (19519)	
Basefine water quality monitoring	26 days	Mon 05/1/10 thi 05/2/4	31		29 28	22100239223
Preparation and approval of baseline report	21 days	Sat 05/2/5 Pri 05/2/25	29	1 (K	1	in transmitter
Impaci ingenterieg	527 days	Snt 05/2/26 Sun 06/8/6	19	1		i formatie meesesterrenterrenterrenterrenter
Post construction manifering	2.8 days	Mon 06/8/7 Snut 06/9/3	51,110,202			
Section 1 (Wong Shek Public Pler)						
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	ununainan	223
	Rogen	Summer	()	Croical Tak (S	x 1.4.75 \$\$\$\$\$\$\$\$\$\$\$\$\$\$	Course Task Sec 20 WILLING
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 Pro					. Commen Co Pro	Shing Coust cement Date ompletion Date ogramme Dat	:: 15th Nov 20 te: 6th Aug 20 te: 21st Feb 20	1004 1000 1000
-		Zesk Strm.	Currier:	Siad	Einith	* soloce is a	es	willion with a second s	105 2514 Classification 100	ni ni nek	US Washingtons	1 N/ A/r wmwsii/w/21 A/2[W20]	105 200 15 W 15 W 15 W 15 W	11929
	Submission for En	gineel,s containe r	30 days	711 05/1/20	Fri 05/2/18	35		er i fan ar seitar skouter i er	36	Talamana				
	Festion		20 days	Sat 05/2/19	Thu \$5/3/10)ie		.41		37	UTITA	1		
	Certified by ICE a	id commissioning	5 days	Pri 05/3/11	Tue 05/3/15	1)3		8		1	1 384		- 22 	
P	Provision of tempora	ry bertik	192 days	Man 04/11/15	Wed 05/5/25		set 19			GRADITATION CONTRACTOR	-	AND DESCRIPTION OF THE OWNER OF T	WILLBRALLANARAR (*)	<u>9</u>
	Design and ICII of	ocking of temporary berth	60 days	Mon 04/11/15	Wed 05/2/2	Rein merrite	100000	40 (25555522521212928		errenth				
	Sultanission for En	gineer's comment	41 days	Thu 05/2:3	Tue 05/3/15	10				41 128288833388	11111111111	1	1.4	
	Piling		40 days	Wod 05/3/16	Stut 05/4/24	34,29,23,41,38					42 3	200000000000000000000000000000000000000	a :	10
		and installation of fenders	25 days	-Mon 05/4/25	Thu 05/5/19		·····		5			43	inams	
3	Relocation of navi	adion light by Marine Dept.	66 days	Wed 05/3/16	Pri 05/5/20						H (1)	nessitive methods and		÷
		Maxine Department	65 days	Wed 05/3/16	Thu 05/5/19						45 [33		ATT232222222222	- 020
5366	Relocution wo		L day	Pri 05/5/20	Fri 05/5/20	13,43						1	46 5	- 242. - 144
		esting and commissioning of berth	5 days	Sat 05/5/21	Wed 05/5/25	÷10			1	÷			17 221	
	Ground Investigation		110 days	Wed 04/12/29	Sun 05/4/17		ineren (48 WASABAARA	0880 - 708				-
	Submission for En		59 days	Wed 04/12/29	Pri (15/2/25		4.4.4		2000		14.52	1 20		1
	Ground uncetigati		20 days	Sat 05/2/26	Thu 05/3/17	(3,14,28		14	in production		CONTRACTORY OF	e i	18 1	
	Preparation and ap		10 days	Fri 05/3/18	Suct 05/3/27	- 54		17			N State State State	11327	- 10 -	
	- 1070 (S. 1070) (S. 1070)	arts and determine pile founding levels	21 days	Mon 05/3/28	Sim 05/4/17	<u>,</u> 9	nation (52 ERTECTION	l	di i
	Colling for permanent	niae	282 days	Sat 05/1/1	Sum 05/10/9		- 1		53 (* MUMININ			*****		
		thed statement for pring	33 daya	Sat 05/1/1	Wed 05/2/2		anter a		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	12121222222222222	INTERNISTING (CONTRACTOR)	****************	
8	Vertical prelimina		15 days	Thu 05/5/26	1hu 05%69	17,52,53,327	++				i :	arteceptiesettory	36 3	E i
£		nving land plant (E1, H1, E2, H2)	30 days	Tue 05/6/28	Werl 05/7/27		1		1					Lao I
		(A11, B8, B11, C8, C11, D8, D11)	18 days	Sun 0546/19	Wed 05/7/6	128						2.4		
2	Temporary platfor		21 days	'Thu 05/3/7	Wed 05/7/27	18	N92312				8.9	3	1	8
2		(remaining 14 uos.)	35 days	Thu 05/7/7	Wed 05/8/10	11	anna i		1			1	1 :	12
		y piles and testing (B10)	15 days	Thu 05/7/28	The 05/8/11	\$5.39			1	-45	1 S			
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	62						1		
t	Pile test for main	the second s	A STATE OF STATE			alianaaa			1					12
1	Construction of pile		212 days	Fri 05/6/10	Sat 06/1/7	51 St. 18-192	inini (1	前部に目			1
		aproval of precast yard	61 daya	Fri OSAFIU	Tue 05/8/9									
Ι.,		units at precast yard	61 days	Wed 05/8/10	Sun 05/10/9				1				1	
85	erm-tertied.	recking of falsework for pile cap and deck	62 days	Sun 05/7/10	Pri 05/9/9	1			1	1			1	
	Submission of cal	eplation and method statement for	30 days	Sat 0.5/9/10	Sen 05/10/9	67		¥1				3	1	1
	Erection of talsee	al rock 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	terrest of the			10000000000			des.
a ara No	0.0002004002	Ker-1 Tak (2333233233233233	I Pragress	1	Sterany	C	(V) BRABBABA (V)	Childal Tads (Sec.1, § 2)	800038339253	Crisicial Trak (Sec 2)	122777228	823.		
derities	ganette Version 21	- Sulii	Commencement		40.00	en Milonaue 🛸	*	Ontioni Testa (See 1)	27/1/22/228	(white and the second se	THERE	1201		

tecc	tract No.: CV/2004/02 onstruction of Wong Shek and Lau Wan Public Piers			Mas	(Version 2)					e P	encement Completion Trogramme	Date: 151 n Date: 6d e Date: 21	h Nov 20 b Aug 20 st Feb 20
n î	Task Nem:	Diction	\$ m	Finith	Prolocessors	anglang, Mr. N. P.W.	The states Law	page 1 B	uro Iseuel with in the second s	de 103	Mri na leven hvorfysor hv	li Age Di Wentuna West	12 3138 12 3138
= 1	Installation of precast units with in-situ pile caps	60 days	Mon 05/30/10	Thu 05/12/8	56,68,63	10.110.4 08.112811.9	eerdssamerb	1091 ACT 221 22	Dr. (61.9.1411-1416-15.62	1 1	Chicologica and	Can I was a feature of the second	100000000000000000000000000000000000000
	Cashing of in-situ pier deck	30 days	Fri 05/12/9	Sat 06/1/7	70,78		1				1		
	Construction of bollards	30 days	Fri 05/12/9	Sat 06/1/7	λ						1		13
۲Ì	Installation of corresion monitoring system	91 days	Sun 05/10/9	Sat 06/1/7	A. 4944444			÷					
	Approval of specialist contractor and method statement	61 days	Sun 05/10/9	Thu 05/12/8							i i		3
1	Installation of convision monitoring system	30 days	Fri 05/12/9	Sal 06/L/7	76,74	1 1		1	2	13	1	1.18	1
	Roof over system	272 days	Tue 05/8/9	Sun 06/5/7	*****			1					
4	Approval of sporialist contractor	61 days	Tue 05/8/9	Sat 05/10/8				i		1	1		1
e i	Submission of weekshop drawings for connection details with	61 days	Sen 05/10/9	Thu 05/12/8				i.				10	1
	deck	ion minut				1.		-			1.1		Į.
11	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	1
њ)	Saturnizsion of weekshop drawing for remaining roof system	91 daşs	in a concern and an			1 1		÷.		19 - C	1.1	4 8	1
11	Construction of stool works	60 days	Sun 06/1/8	Wed 06/3/8	71,80,79	1 2			1	1		÷	
24	Exection, of real covers	āli days	Thu 05/3/9	Sun 06/5/7	81			発売			1 81		
1	Murrying-In to landside	121 days	Wed 06/3/8	Thu 06/7/6		4	53		i.	1		1	
t t	Application of Excavation Permit	90 days	Wed 06/3/8	Mon 06/6/5	1		8		÷	1 1 1 1	1 1	1	
*	Site works	31 dnys	Tue 06/6/6	Thu 06/7/6	84,31	1			1		187 B.	1	
10	Electrical system, CLP meter box and lighting system	220 daşs	Mon 05/10/10	Wed 06/5/17		1				ê	N= 04	1	
а.	Approval of specialist contractor	30 days	Mon 05/10/10	Tue 05/11/8	STATUL STAT		- 5		1		1		1
6	Leason with CLP and EMSD	60 days	Wed 05/11/9	Sat 06/1/7	87					8 ac	1		
06	To stallation	120 duys	Sun 0fs/1/8	Sup 06/5/7	71,86	1			÷	- 1 B			
έr:	Besting.	10 days	Man 06/5/8	Wed 06:5/17	39	-			1				
能带	Construction of floor finish	121 days	Wed 06/3/8	Thu 06/7/6			2		8	1			
6. T	Material automissions	61 days	Wed 06/3/8	Sun 06/5/7					5				
e i	Sile works	60 days	Mon 06/5/8	Thu 06/7/6	42.92						1	= 25	
+ 1	Construction of hand railing seating beaches and notice	150 days	Tue 06/2/7	Thu 66/7/6	1	1			d3				
8 I.	boards Material submission	60 days	Tas: 06/2/7	Fri 06/4/7	a management of		1	1	17				
3	Construction	90 days	Sal 05/4/8	Tini 05/7/6	19136			1	3	4.1			
1. 1	Installation of fender system	190 days	Thu 05/12/29	Thu 06/7/6	• •		1	-		1.1	1		
w	Maiorial submission	31 days	Thu 05/12/29	Sat 06/1/28	· • { · • • • • • • • • • • • • • • • •	-							
3	Ordering of meterial	59 days	San 06/1/29	Tite 06/3/28	199	4					1 2		
RIC .	Site works	LCG days	Wed 06/3/29	Thu D6/7/6	71,99	1 1	8			日 王			
ut.	Relucation of navigation light by Marine Dept.	92 days	Fri 06/4/7	Fri 86/7/7			4	8					
122	Application to Marine Department	91 daya	Fri 0644/7	Thu 06/7/6		1		8			20		
1200		l		L.,	a - 191 - 1 - 1 - 11 - 11 - 11 - 11 - 1		an Maran		·····		- <u>1</u>		
	Kentel Test (1551815133223)	Progenas	_	Summary	. ()m	Colloart	時夏の1825	10000000000	Critical Task (Sec.)	122222 0	30170		
', entre d	Weighten (Without 1)				0.0000	100 March 1			Mainenince Parin	×			
	Split	Commissioners	Elliso101%	Complete	or. Mileston	CONTROL 1	rak (See 1)	Accessees 120	 assessenting of the state 	e constatață	o estates?		

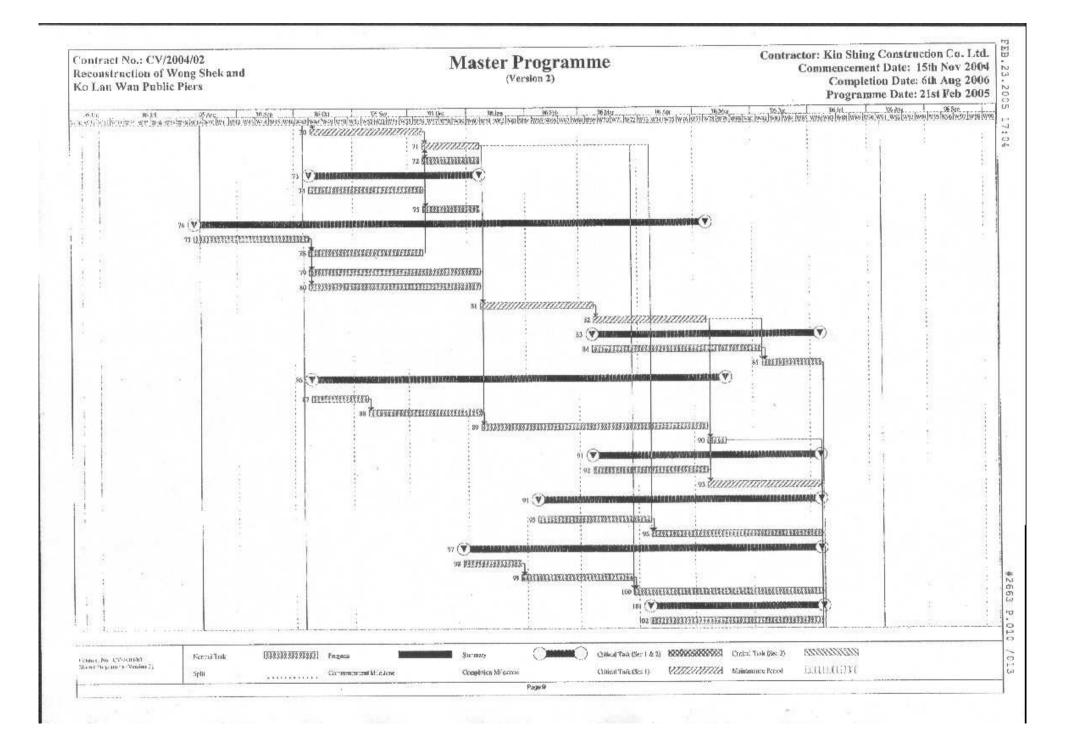
leco	ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers			Mas	ter Progra (Version 2)	Completion Date: 6th Aug 2 Programme Date: 21st Feb 2	2004 2006 2005
1 -	T-46, N980.	Diastica	Stact	Pins'-	Profession	પ્રશ્ની 30 માટે ગામ 20 માટે દાજ દાજા જાણ દાજા 12 માટે 12 માટે પ્રાથમિક માટે 12 માટે ગામ 20 મ	GERMA
	Relocation	1 day	Fyi 06/7/7	Fri 06/7/7	(105,93,91,84,310,56		a. and
r _	Commissioning of the pier	1 day	Sat 06/7/8	Sat \$6/7/8	ing.		3
IS .	Demolition 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	A CONTRACTOR A CONTRACTOR		
+1-	Design and ICE checking of demolitions plan	61 days	San 06/4/9	Thu 06/6/8	106		
	Submitation for Engineer's commones	30 days	Fri 06/6/9	Sat 06/7/8	107		£
1.1	Obtain consent from Country and Marine Park Authority	30 days	Fri 06/6/9	Sat 06/7/8	107		
2	Domolitisu	29 days	Sam 06/7/9	Sun 06/8/6	104,109,108		
	Ministenance Period for the Works	365 days	Maa 06/8/7	Mon 07/8/6	±10		i
	crion 2 (Ku Lan Wan Public Pier)			-			
Œ	Cural Survey	626 days	Mon 04/11/15	Wed 86/8/2		113 (*)	Inna
	Sole system and approval of specialist and method statement	73 days	Mon (4/11/15	Wed 05/1/26			-
	Initial costs sarsey and approval by AFCD	18 days	Sato 05/2/20	Wed 05/3/9	101.25		1
	Coral transforation	4 days	Thu 05/3/10	Sun 05/3/13		115 15555555	
	Post insulation survey	4 days	Mon 05/3/14	Thu 05/3/17			1
	Post pice construction survey	15 days	Wed 06/7/19	Wed 06/8/2	397		1
	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 contaent	30 daya	Thu 05/1/20	Fci 05/2/18	120	10 12012010201020100000	
0	Lirection	23 days	Sat 05/2/19	Snt 05/3/12	121	10 124 45 121 121	
4	Certified by ICE and commissioning	5 days	Sun 05/3/13	Thu 05/3/17	122	121 [3]	
	Provision of responsity berth	247 days	Mon 0411/15	Tue 05/7/19		124 🐨 RUISMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA	SAGE
	Design and ICE checking of temporary berth	BO days	Mon 04/11/15	Wed 05/2/2		12 (INTERNET STUDIED INTERNET INTERNET	
80	Submission for Engineer's commont	81 days	Tho 05/2/3	Sun 05/4/24	125	126	
1	Filing (phase 1)	31 days	Mon 05-4/25	Wed 05/5/25	123.136,117,23,30.25,42	127 20225302365322355	į.
	Piliry (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	FV8		
	Relocation of sovightion light by Marine Dept.	81 days	Man 05/4/25	Thu 05/9/14	······································	120 (* 1117) (* 1117)	
	Application to Marine Department	BO days	Mon 05/4/25	Wed 05/7/13	**********************	an DEFENSION	1371
é.	Relocation works	1 day	Thu 05/7/14	Thu 05/7/14	139,331		
	Cartified by ICE, texting and commissioning of berth	S days	Fri 05/7/15	Tue 05/7/19	112		
1	Demolition of port of the existing pier	115 duys	Man 05/4/18	Wed #5/8/10		134 🐨 24444 66441 6541 66441	1011
15	Survey of existing cructures	31 days	Mon 05/4/18	Wed 05:5/18		1.5 997393913932391	- 10
2×	Design and ICT checking of demolition plun	32 days	The 05/5/19	Sun 05/6/19	.194 	n6 <u>Čn</u>	1117
u+) 7/1	AN INTERNET PROVIDENTIAL	Rogen	-	Summery		1112211111111 5 582397160110 ESS252828 (E.E.I. 20) ACT BARD	
astri D	ngrazime (Verrio) 71 Split	Conservation	Villastens	Cernolatin	on Millerove	Chitesi Task (Sec.1) 2222222222 Ministerior Period CCUTES (112)	

leco	ract No.: CV/2004/02 astruction of Wong Shek and an Wan Public Piers			Mas	(Version 2)				Commenceme Comple Program	g Construction C ent Date: 15tb No tion Date: 6th Au nme Date: 21st Fe	ry 2004 ig 2006 ib 2005
	Tsitline	Darectical	Stat	Finish	Androessan	Willweiwilweiwilweiwilwei	De Lucius lus lus	n l Di Frè	Mar I With Mar I	Wi Age hi Aler was was house was house was	4 I
×-	Submission for Engineer's comments	30 days	Mout 05/6/240	Tue 05/7/19	136	V(316-37.01) M2 (185 - M81 00 136	21.892740099399.38	(1909) (1007) (2190) (2017) (190)	Competence and	The Constant of the Constant o	
κ, I	Liaison with local residents	30 days	Mon 05/6/240	Tue (15/7/19	135		1				- ett.
ы	Denshing	22 days	Wed 05/7/20	Wed 05/8/10	133.138,197						
3 6	Grassad investigation	129 days	West 04/12/29	Fri 05/5/6			Lau (V) 1000000000	1881440AIAAAA	USBARD STREET, STRE	(V) MARKAMARKANA	
ii)	Submission for Engineer's commont	68 days	Wed 04/12/29	Son 05/3/6			(4) <u>\$\$\$\$\$\$\$\$</u>	<u>HEREITA COMPANY</u>	1253555	122	
ż	Ground investigation works on sile	20 days	Fri 05/3/18	Wed 05/4/6	141.36,117			1	142 1111111111	²⁰ 1 :	
ι¥.	Preparation and approval of reports	10 days	The 05/4/7	Sut 05/4/16	942			1	14	3 (1 11333)	34
	Submission of reports to determine pile founding levels	20 daya	Sun 05/4/17	Eni 05/5/6	H3		30			114 BETTETETET	1
6	Pilling for permanent pior	342 days	_ Sat 05/1/1	The 05/12/8			145 9 19991000	0999998 0 000000000000000000000000000000	And the second second	International Society of the second	19990896699
8-	Compilation of method statement for pilling	33 days.	Sal 05/1/1	Wed 05/2/2	1		H6 (<u>\$\$\$\$3</u>) 6H	INTERNET			and a
(É	Submission for Engineer's commont	189 days	'Hau 05/2/3	Wed 05/8/10	140			147 23333580280	<u> </u>	FILL REAL FLAT FLAT FLAT FLAT FLAT FLAT FLAT FL	10101000
163) 1	Vertical preliminary pile and leating	15 days	Thu 05/8/11	Thu 05/8/25	147,139,65,140			2			
4	Verneal amin piles (EL,E4,D1,D4,C1,C4)	20 days	Fri 05/8/26	Wed 05/9/14	193						
i.	Temporary platform for roking pile	21 days	The 05-9/15	Wed 05/10/5	119					2	13
Č.	Vertical main pile (remaining 15 nos)	45 days	Thu 05-9/15	Sut 05/10/29	189	1		4			- 3
	Raking preliminary piles and losting	Łő duys	Tha 05/16/6	Fyi 05/10/21	110,62						- 3
a Ť	Roking main piles (remaining 9 nos)	33 days	Sat 05/10/22	Wod 05/11/23	152					5	5
e;	Pile tests for main piles	15 days	Thu 05/11/24	Thu 05/12/8	171,133	l E		1			100
51	Construction of plic cap and deck	201 days	Weil 05/8/10	Sun 06/2/26		18 E.	- T-2				3
41	Submission and approval of precist yard	60 days	Wed 05/8/10	Sat 05/10/8	Second Second		<u>ii</u>				
ų.	Custing of precast units, at precast yard	60 days	Mon 05/10/10	12u 05/12/8	158		1		1 1		
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FR	Casing of main pier dock	25 days	Thu 06/2/2	Sun 05/2/26	101,144						
e#	Construction of bollards	25 days	Thu 06/2/2	Sun 06/2/26	161			1		語	
Ni	Installation of corrosion monitoring system	85 tlays	Sun 05/12/4	Sam 06/2/26				1	11 1		
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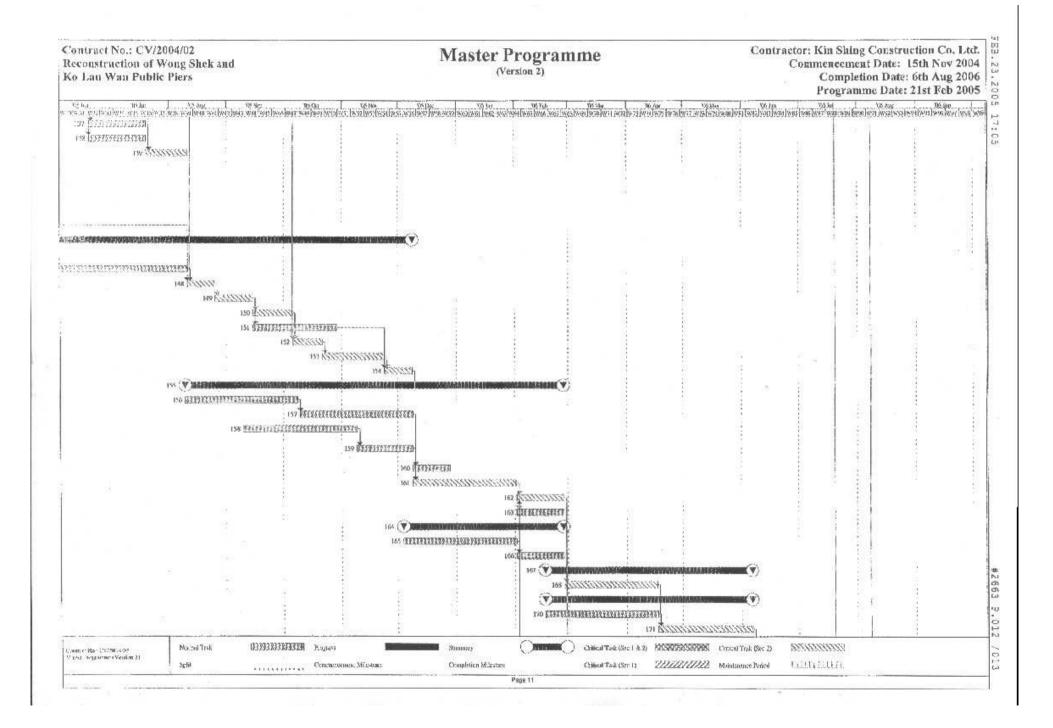
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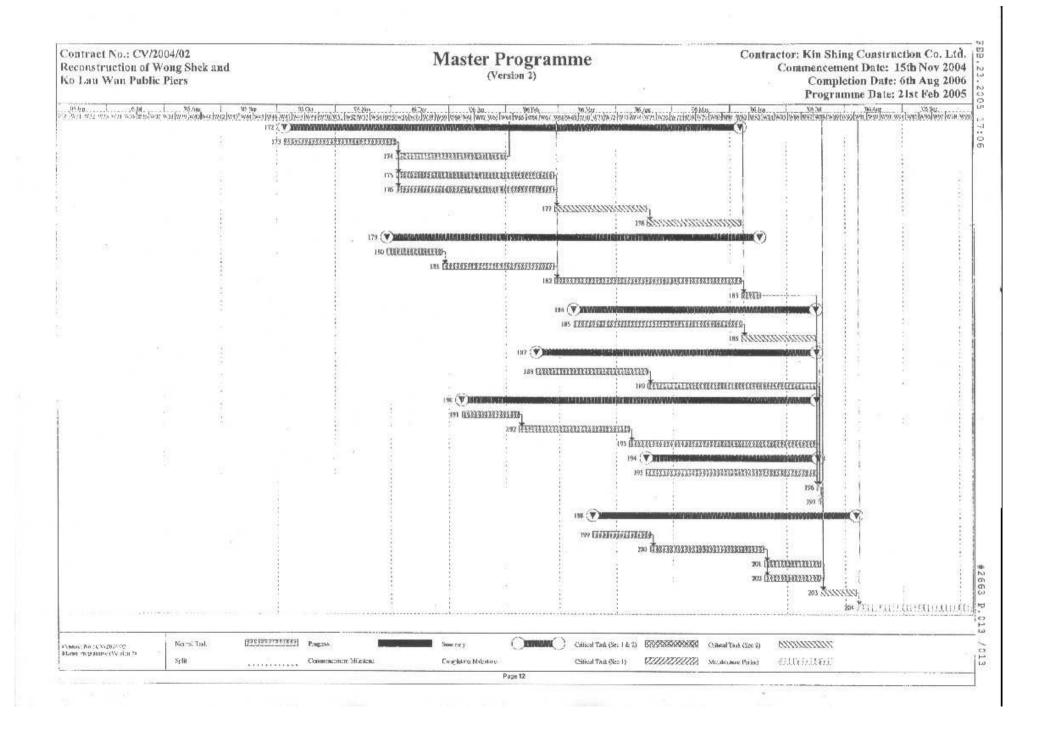




Figure 4.1

Layout of Environmental Monitoring Stations

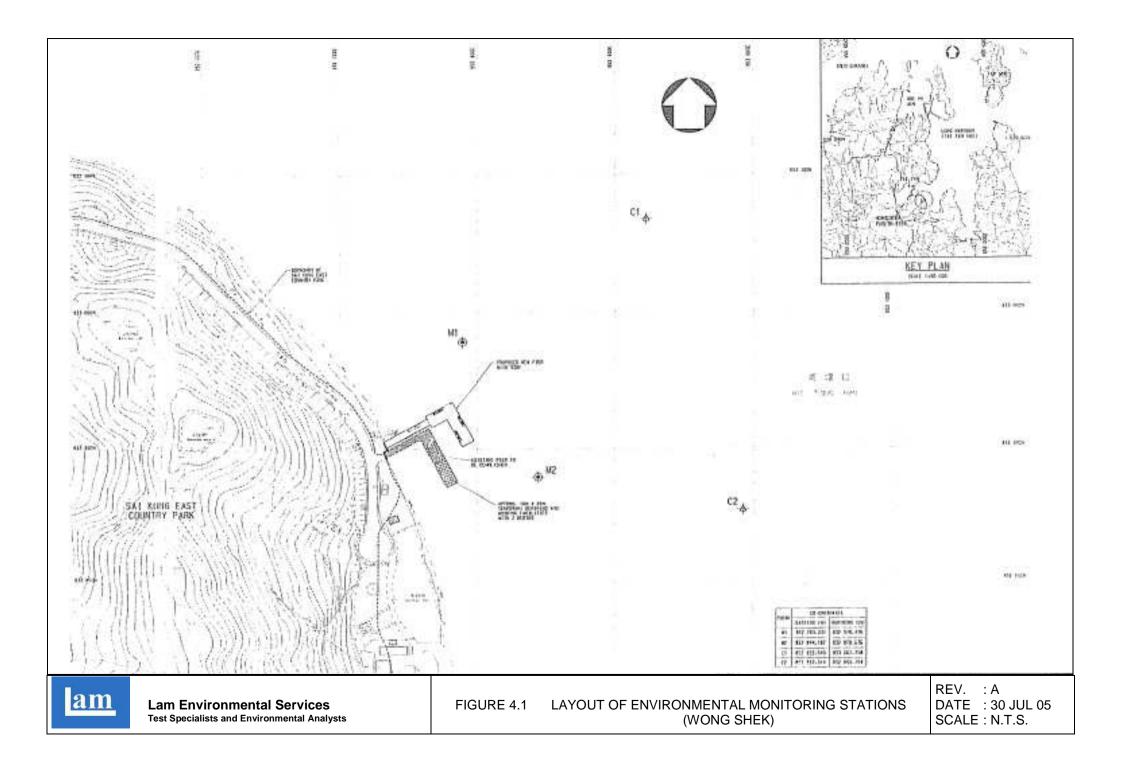
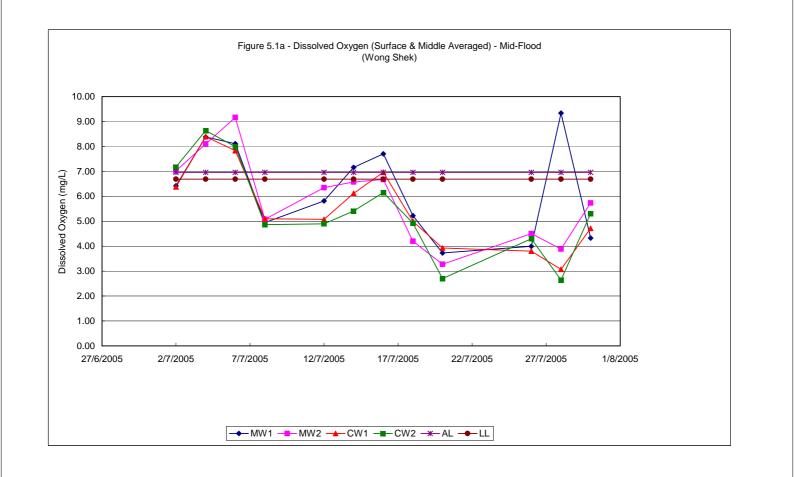
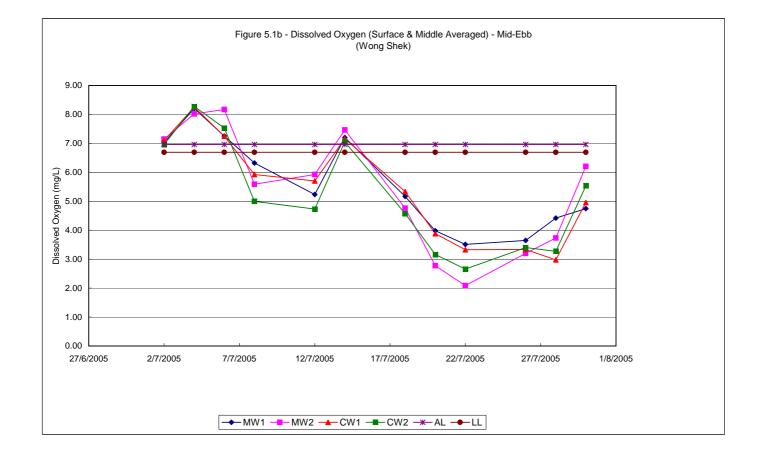


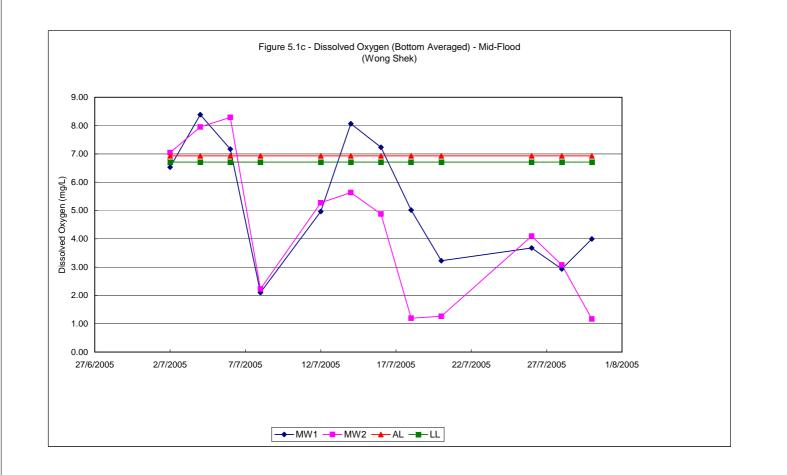


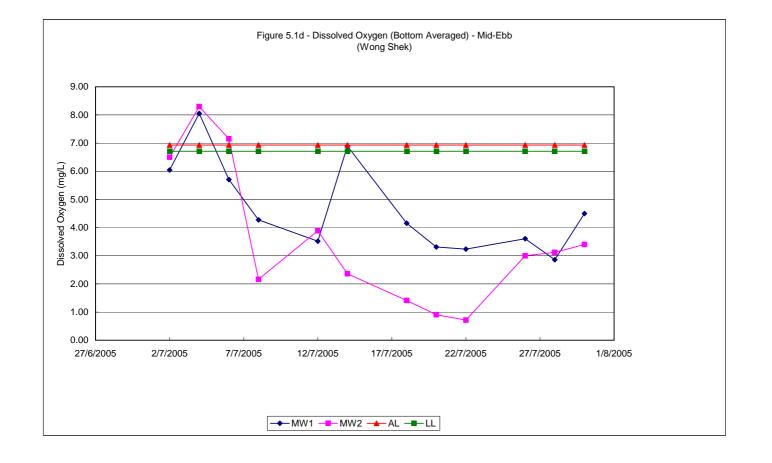
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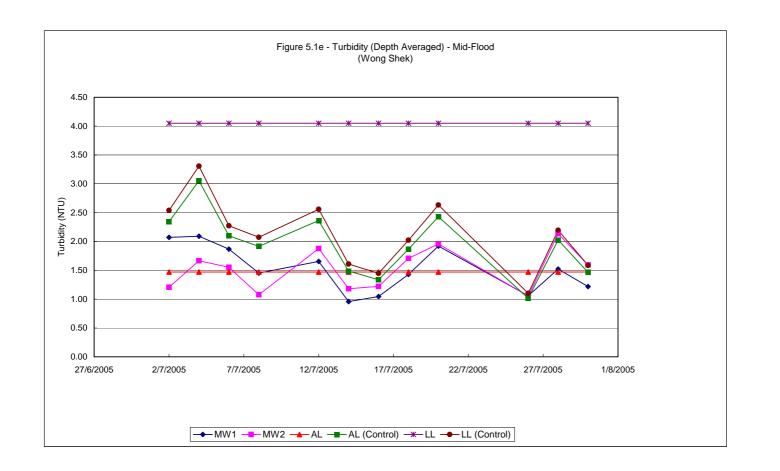
Graphical Plots of Water Quality Monitoring Results

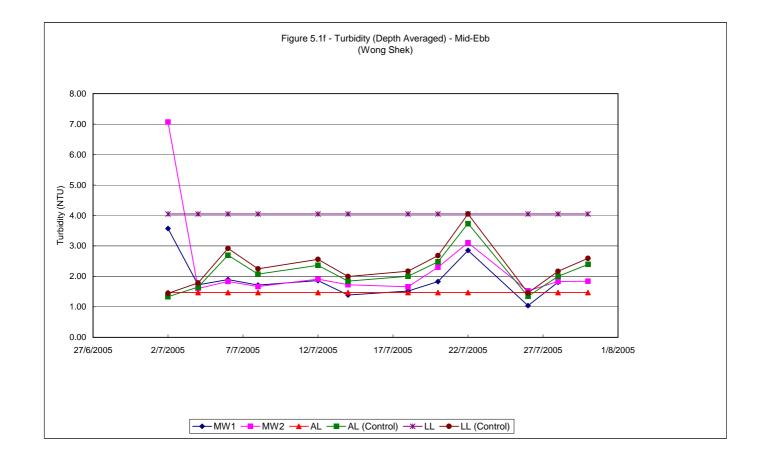


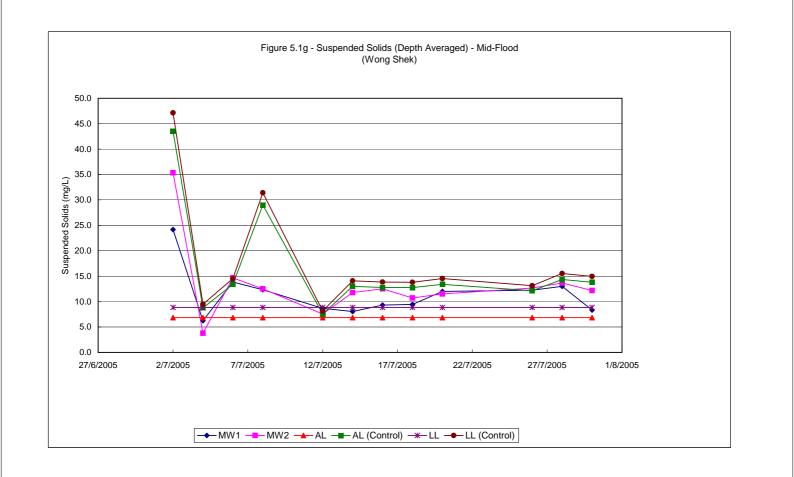


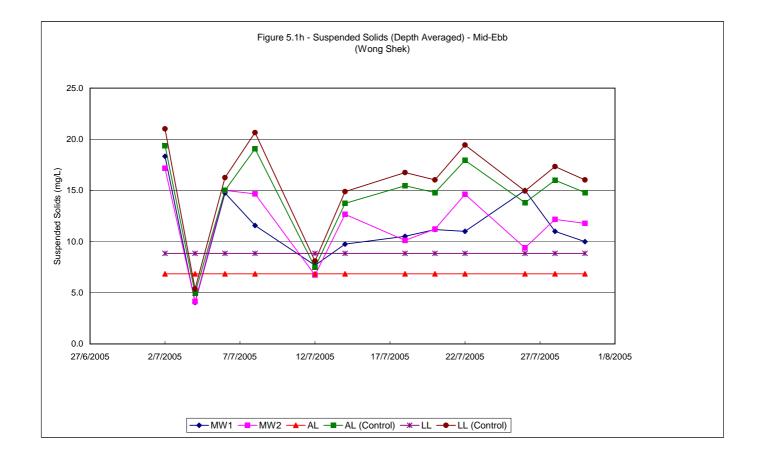














Appendix A

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	-
Noise	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.	Not applicable at this stage	-

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° Date : 281905Date : 39-PJ5

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

	·		1
	Trial 1	Trial 2	
Final Vol. of Na ₂ S ₂ O ₃ used, mL			
Initial Vol. of Na ₂ S ₂ O ₃ used, mL			-
Vol. of Na ₂ S ₂ O ₃ consumed (O), mL			
Normality of $Na_2S_2O_3$ solution (N), N			ŀ
Average normality of Na ₂ S ₂ O ₃ 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 ₂ S ₂ O ₃ used, mL	10-3 23	33.8	45.7
Initial Vol. of Na ₂ S ₂ O ₃ used, mL	[03]	ב- הר	33,8
Vol. of Na ₂ S ₂ O ₃ used (V), mL	12.0	11.5	11.4
Dissolved oxygen,(DO) mg/L	Pri-	7.18	7.05
Average of dissolved oxygen)	7.085	
DO determined by BOD probe		7.05	
Acceptance criteria, Deviation	Less	than +/- 0.3 mg	g DO/L

Calculation:

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

Cartified by:

\\Lab\Common\Calibration\ICform\Ic51

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

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

Calculation:

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

(4) Calibration of temperature compensator

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

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

(5) Linearity Check of BOD probe

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

Record sheet for calibration of Water Sonde

$\mathcal{F}_{\mathcal{A}} \mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A}$. Item Stock No : Date of Calibration :	28 (9 (55 Procedure Used : <u>IC 34</u>
Temp.: γ Operator : γ	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 : 35.55	ppt Readout Value : 35	25 ppt	
Difference between readout v	value and actual value should b	be less than 3%	ю.

D Conductivity Calibration

 Standards Used :
 , ______, _____ (mS/cm)

 Check Standard :
 Readout Value :
 (mS/cm)

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

E Turbidity Calibration

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

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



Appendix D

Water Quality Monitoring Results

Project: Contract No. CV/2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Client: Kin Shing Construction Co., Ltd. Job No.: J429 Weather Condition: Sunny Ambient Temperature,°C: 27 Date of Sampling: 2/7/2005 Tide State: Mid-Flood Dissolved Oxygen, mg/L a b Average NTU Turbidity Suspended Solids, mg/L tation Overall Sampling Remarks īme lea empera issolv d Oxygen alinity, ppt b Depth Condition Depth, m Depth,m b b Average b Average а а а а Average MW1 S 15:50 28.8 28.8 6.51 6.53 99.2 98.5 29.3 29.5 1.88 1.91 29 31 1 6.42 95.6 MW1 M 15:53 5 2 28.6 28.5 6.34 6.30 92.4 92.3 29.5 29.5 1.67 1.68 2.07 14 12 24 MW1 B 15:57 4 28.2 28.2 6.56 6.50 98.9 98.5 29.8 29.8 2.64 2.65 30 29 6.53 98.7 MW2 S 15:00 1 29.0 106.0 29.1 1.11 30 34 29.1 6.88 6.91 105.4 29.0 1.10 7.02 108.7 MW2 M 15:06 9 4 28.7 28.6 7.15 7.14 1127 110.8 29.6 29.5 1.06 0.99 1.21 34 43 35 MW2 B 15:11 28.2 7.05 103.2 102.5 8 28.0 7.04 7.05 102.9 30.2 30.4 1.62 1.35 38 33 CW1 S 15:20 28.7 100.3 35 1 29.0 6.39 6.36 100.2 29.1 28.8 1.82 1.71 37 6.38 100.3 CW1 M 4 1.95 36 CW1 B 15:28 3 28.5 28.5 6.65 6.68 6.67 99.4 99.4 99.4 29.3 29.3 2.30 1.98 41 32 CW2 S 15:35 1 28.3 28.4 7 24 7.30 107.3 106.8 29.4 29.5 0.87 1.06 13 11 7.18 105.9 CW2 M 15:40 10 28.1 28.2 7.08 104.7 104.8 30.0 0.80 0.92 20 22 4.5 7.10 30.0 0.77 15 15:43 6.85 6.84 96.9 32.0 0.92 CW2 B 27.4 27.2 6.85 97.6 32.0 1.09 12 9 96.2 10 Equipment used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: Chow Kin Pong Turbidity Meter: EM 2365 Calibration Check: 9.8 NTU Checked By: Raymond Dai Salinity Meter: EM 6167 Calibration Check: 35 ppt Date: 9/7/2005 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: 2/7/2005 Weather Condition: Sunny Ambient Temperature, °C: 27 Tide State: Mid-Ebb Station Time Sea Overall Sampling Temperature, °C Dissolved Oxygen, mg/L Dissolved Oxygen, % Salinity, ppt Turbidity, NTU Suspended Solids, mg/L Remarks Average Condition Depth, m Depth, m Average Average а b а b а b а b а b Depth Average MW1 S 28.3 103.1 17 12:23 1 28.3 7.00 6.98 104.3 29.4 29.5 2.92 2.40 18 7.03 105.5 MW1 M 12:35 5 2 28.1 28.1 7.06 7.08 107.1 107.6 29.7 29.6 7.90 1.79 3.57 19 19 18 MW1 B 12:47 4 28.0 28.0 5.98 6.11 6.05 90.1 92.1 91.1 26.8 26.8 2.60 3.83 19 18 MW2 S 11:52 1 28.1 28.1 7.59 7.31 111.4 113.3 29.1 28.7 1.14 0.92 15 20 7.15 105.4 MW2 M 11:56 8 3.5 28.7 28.7 6.84 6.85 97.9 98.8 29.6 29.6 13.40 16.20 7.07 18 17 17 MW2 B 12:00 7 28.9 28.9 6.47 6.53 6.50 98.4 98.2 98.3 29.7 29.9 5.66 5.07 16 17 CW1 S 12:20 1 28.3 28.3 7.09 7.11 107.4 108.3 29.3 29.3 5.20 3.80 15 16 7.10 107.9 CW1 M 3 3.70 16 CW1 B 12:35 2 28.5 28.5 7.07 7.06 7.07 109.3 110.7 110.0 29.3 29.3 3.11 2.70 16 16 28.6 CW2 S 12:13 28.6 6.78 6.82 98.2 99.4 29.1 29.0 1.51 0.92 14 17 6.96 103.7 CW2 M 12:20 4 28.7 28.9 7.13 7.12 108.5 108.6 29.0 29.0 1.27 1.11 17 16 9 0.97 16 CW2 B 12:28 28.1 28.1 7.84 7.19 7.52 108.8 109.3 109.1 29.8 29.8 0.97 1.03 19 8 14 6<u>167</u> 100 100%: Chow Kin Pong Equipment used: Dissolved Oxygen Meter: EM Calibration Check: Sampled By:

 Turbidity Meter:
 EM
 2365
 Calibration Check:
 9.8
 NTU
 Checked By:
 Raymond Dai

 Salinity Meter:
 EM
 6167
 Calibration Check:
 35
 ppt
 Date:
 9/7/2005

Thermometer:

EM

6167

Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	-		
Date of	Sampling:	4/7/2005			/eather C	ondition:	Sunny				Ambier	nt Tempera	ature,°C:	29			Tide State:	Mid-Floo	d	-	
Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxyger	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solid	ls, mg/L	Remarks
		Condition	Depth, m	-	a	b	а	b	Average	а		Average	а	b	а	b	Average			Depth Average	
MW1 S	16:52			1	30.4	30.4	8.39	8.38	8.39	128.4	128.4	128.4	26.8	26.8	2.32	1.77		7	8		
MW1 M			4						0.00			120.4					2.09			6	
MW1 B	16:54			3	30.3	30.3	8.38	8.39	8.39	128.0	128.1	128.1	26.8	26.8	2.42	1.85		5	5		
MW2 S	16:30			1	29.7	29.8	8.09	8.07	8.10	124.0	124.0	124.3	27.0	27.0	1.69	1.58		3	2		
MW2 M	16:42		8	3.5	29.7	29.8	8.14	8.11	0.10	123.0	126.0	124.0	27.4	27.4	1.28	1.39	1.67	4	5	4	
MW2 B	16:50			7	29.1	29.1	7.93	7.97	7.95	123.0	121.1	122.1	27.7	27.7	2.48	1.58		5	4		
CW1 S	16:56			1	30.4	30.4	8.39	8.40	8.40	129.2	129.2	129.2	27.0	27.0	2.10	2.53		7	7		
CW1 M			3						0.40			123.2					2.54			7	
CW1 B	17:00			2	30.2	30.6	8.33	8.34	8.34	128.6	128.5	128.6	27.1	27.1	2.84	2.70		7	8		
CW2 S	16:52			1	29.7	29.8	8.50	8.43	8.64	130.2	130.4	131.7	27.2	27.2	1.04	1.33		3	3		
CW2 M	16:54		9	4	29.2	29.2	8.81	8.80	0.04	133.3	133.0	101.1	27.6	27.6	1.25	1.34	1.25	3	4	4	
CW2 B	16:57			8	28.5	28.5	7.64	7.47	7.56	111.3	110.2	110.8	29.3	29.2	1.27	1.25		4	4		
Equipmer	nt used:	Dissolved Ox		er:	EM	6167			on Check:		100						Sampled			in Pong	
		Turbidity Met			EM	2365			on Check:		9.9						Checked	By:	Raymor		
		Salinity Mete			EM	6167		Calibrati	on Check:		34.5	ppt					Date:		11/7/20	05	
		Thermomete	er:		EM	6167															
Project:	Contract	No. CV/2004/																			
Date of	Sampling:		02 Recons	truction of V	Vong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	<u>.</u>		
Station		4/7/2005			Vong She /eather C			n Public	Piers			Kin Shing					Job No.: Tide State:			_	
	Time	4/7/2005			/eather C		Sunny					nt Tempera		27						- Is, mg/L	Remarks
	Time			W Sampling	/eather C	ondition:	Sunny				Ambier d Oxyger	nt Tempera	ature,°C:	27				Mid-Ebb		ls, mg/L Depth Average	Remarks
MW1 S	Time 13:10	Sea	Overall	W Sampling	/eather C	ondition: ature, °C	Sunny Dissolve	d Oxyge	n, mg/L Average	Dissolve	Ambier d Oxyger	nt Tempera n, % Average	ature,°C: Salinity,	27 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
MW1 S MW1 M		Sea	Overall	N Sampling Depth,m	/eather C Tempera a	ondition: ature, °C b	Sunny Dissolve a	ed Oxyge b	n, mg/L	Dissolve a	Ambier d Oxyger b	nt Tempera	ature,⁰C: Salinity, a	27 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	ded Solid	Depth	Remarks
		Sea	Overall Depth, m	N Sampling Depth,m	/eather C Tempera a	ondition: ature, °C b	Sunny Dissolve a	ed Oxyge b	n, mg/L Average	Dissolve a	Ambier d Oxyger b	nt Tempera n, % Average	ature,⁰C: Salinity, a	27 ppt b	Turbidity a	, NTU b	Tide State:	Mid-Ebb	ded Solid	Depth Average	Remarks
MW1 M	13:10	Sea	Overall Depth, m	W Sampling Depth,m	/eather C Tempera a 30.0	ondition: ature, °C b 30.0	Sunny Dissolve a 8.20	b 8.21	n, mg/L Average 8.21 8.06	Dissolve a 126.0	Ambier d Oxyger b 126.0	nt Tempera n, % Average 126.0 124.2	ature,°C: Salinity, a 27.0	27 ppt b 27.0	Turbidity a 1.61	, NTU b 1.99	Tide State:	Mid-Ebb	ded Solid	Depth Average	Remarks
MW1 M MW1 B	13:10 13:15	Sea	Overall Depth, m	N Sampling Depth,m	Veather C a 30.0 29.9	ondition: ature, °C b 30.0 29.8	Sunny Dissolve a 8.20 8.09	d Oxyge b 8.21 8.02	n, mg/L Average 8.21	Dissolve a 126.0 124.3	Ambier d Oxyger b 126.0 124.0	nt Tempera n, % Average 126.0	Salinity, a 27.0 26.7	27 ppt b 27.0 26.8	Turbidity a 1.61 1.59	, NTU b 1.99 1.70	Tide State:	Mid-Ebb Suspend 3 5	ded Solid 3 5	Depth Average	Remarks
MW1 M MW1 B MW2 S	13:10 13:15 12:45	Sea	Overall Depth, m 4	N Sampling Depth,m 1 3 1	/eather C a 30.0 29.9 29.7	ondition: ature, °C b 30.0 29.8 29.7	Sunny Dissolve a 8.20 8.09 7.89	d Oxyge b 8.21 8.02 7.87	n, mg/L Average 8.21 8.06	Dissolve a 126.0 124.3 120.5	Ambier d Oxyger b 126.0 124.0 120.6	nt Tempera n, % Average 126.0 124.2	ature,°C: Salinity, a 27.0 26.7 26.9	27 ppt 27.0 26.8 27.0	Turbidity a 1.61 1.59 1.18	, NTU b 1.99 1.70 1.40	Average	Mid-Ebb Suspend 3 5 2	ded Solid 3 5 2	Average 4	Remarks
MW1 M MW1 B MW2 S MW2 M	13:10 13:15 12:45 12:50	Sea	Overall Depth, m 4	N Sampling Depth,m 1 3 3 1 3.5	/eather C Tempera 30.0 29.9 29.7 29.4	ondition: ature, °C b 30.0 29.8 29.7 29.4	Sunny Dissolve a 8.20 8.09 7.89 8.15	d Oxyge b 8.21 8.02 7.87 8.16	n, mg/L Average 8.21 8.06 8.02 8.30	Dissolve a 126.0 124.3 120.5 124.8	Ambien d Oxygen b 126.0 124.0 120.6 125.1	nt Tempera Average 126.0 124.2 122.8 125.8	ature, °C: Salinity, a 27.0 26.7 26.9 27.2	27 ppt b 27.0 26.8 27.0 27.2	Turbidity a 1.61 1.59 1.18 1.54	, NTU b 1.99 1.70 1.40 1.34	Average	Mid-Ebb Suspend 3 5 2 5	ded Solic 3 5 2 4	Average 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B	13:10 13:15 12:45 12:50 12:53	Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 3 1 3.5 7	/eather C a 30.0 29.9 29.7 29.4 29.2	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2	Sunny Dissolve a 8.20 8.09 7.89 8.15 8.29	d Oxyge b 8.21 8.02 7.87 8.16 8.30	n, mg/L Average 8.21 8.06	Dissolve a 126.0 124.3 120.5 124.8 125.8	Ambien d Oxyger b 126.0 124.0 120.6 125.1 125.7	nt Tempera n, % Average 126.0 124.2 122.8	ature, °C: Salinity, a 27.0 26.7 26.9 27.2 27.3	27 ppt 27.0 26.8 27.0 27.2 27.3	Turbidity a 1.61 1.59 1.18 1.54 2.24	, NTU b 1.99 1.70 1.40 1.34 1.93	Average	Mid-Ebb Suspend 3 5 2 5 6	3 3 5 2 4 5	Average 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	13:10 13:15 12:45 12:50 12:53	Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 3 1 3.5 7	/eather C a 30.0 29.9 29.7 29.4 29.2	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2	Sunny Dissolve a 8.20 8.09 7.89 8.15 8.29	d Oxyge b 8.21 8.02 7.87 8.16 8.30	n, mg/L Average 8.21 8.06 8.02 8.30	Dissolve a 126.0 124.3 120.5 124.8 125.8	Ambien d Oxyger b 126.0 124.0 120.6 125.1 125.7	nt Tempera Average 126.0 124.2 122.8 125.8	ature, °C: Salinity, a 27.0 26.7 26.9 27.2 27.3	27 ppt 27.0 26.8 27.0 27.2 27.3	Turbidity a 1.61 1.59 1.18 1.54 2.24	, NTU b 1.99 1.70 1.40 1.34 1.93	Tide State: Average 1.72 1.61	Mid-Ebb Suspend 3 5 2 5 6	3 3 5 2 4 5	Depth Average 4 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S	13:10 13:15 12:45 12:50 12:53 13:25	Sea	Overall Depth, m 4	W Sampling Depth,m 1 3 3 1 3.5 7 1	/eather C Tempera a 30.0 29.9 29.7 29.4 29.2 30.0 	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2 30.1	Sunny Dissolve a 8.20 8.09 7.89 8.15 8.29 8.25	d Oxyge b 8.21 8.02 7.87 8.16 8.30 8.25	n, mg/L Average 8.21 8.06 8.02 8.30 8.25 8.27	Dissolve a 126.0 124.3 120.5 124.8 125.8 125.8	Ambier d Oxyger b 126.0 124.0 120.6 125.1 125.7 126.9	nt Tempera n, % Average 126.0 124.2 122.8 125.8 125.8 126.9 127.1	ature,°C: <u>Salinity,</u> 27.0 26.7 26.9 27.2 27.3 27.0	27 ppt b 27.0 26.8 27.0 27.2 27.3 27.0	Turbidity a 1.61 1.59 1.18 1.54 2.24 1.66	NTU b 1.99 1.70 1.40 1.34 1.93 1.92	Tide State: Average 1.72 1.61	Mid-Ebb Suspend 3 5 2 5 6 3	ded Solid 3 5 2 4 5 5	Depth Average 4 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B	13:10 13:15 12:45 12:50 12:53 13:25 13:25	Sea	Overall Depth, m 4	Sampling Depth,m 1 3 1 3.5 7 1 1 2	/eather C Tempera 30.0 29.9 29.7 29.4 29.2 30.0 30.0 30.0	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2 30.1 30.0	Sunny Dissolve a 8.20 7.89 8.15 8.29 8.25 8.25 8.26	d Oxyge b 8.21 8.02 7.87 8.16 8.30 8.25 8.28	n, mg/L Average 8.21 8.06 8.02 8.30 8.25	Dissolve a 126.0 124.3 120.5 124.8 125.8 126.8 126.8	Ambien d Oxyger b 126.0 120.6 125.1 125.7 126.9 127.0	nt Tempera n, % Average 126.0 124.2 122.8 125.8 126.9	ature,°C: <u>Salinity</u> , 27.0 26.9 27.2 27.3 27.0 27.0 27.1	27 ppt b 27.0 26.8 27.0 27.2 27.3 27.0 27.7	Turbidity a 1.61 1.59 1.18 1.54 2.24 1.66 2.84	NTU b 1.99 1.70 1.40 1.34 1.93 1.92 2.25	Tide State: Average 1.72 1.61	Mid-Ebb Suspend 3 5 2 5 6 3 3 6	3 3 5 2 4 5 5 5 6	Depth Average 4 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	13:10 13:15 12:45 12:50 12:53 13:25 13:30 12:55	Sea	Overall Depth, m 4 8 3	X Sampling Depth,m 1 3.5 7 1 1 2 2 1	Tempera a 30.0 29.9 29.7 29.4 29.2 30.0 29.2 30.1 29.5	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2 30.1 30.0 29.5	Sunny Dissolve a 8.20 8.20 7.89 8.15 8.29 8.25 8.25 8.26 8.33	d Oxyge b 8.21 8.02 7.87 8.16 8.30 8.25 8.28 8.33	n, mg/L Average 8.21 8.06 8.02 8.30 8.25 8.27	Dissolve a 126.0 124.3 120.5 124.8 125.8 126.8 127.1 127.0	Ambient b 126.0 120.6 125.1 125.7 126.9 127.0 126.3	nt Tempera n, % Average 126.0 124.2 122.8 125.8 125.8 126.9 127.1	ature,°C: <u>Salinity</u> , 27.0 26.7 26.9 27.2 27.3 27.0 27.1 27.2	27 ppt b 27.0 26.8 27.0 27.2 27.3 27.0 27.7 27.2	Turbidity a 1.61 1.59 1.18 1.54 2.24 1.66 2.84 1.29	NTU b 1.99 1.70 1.40 1.34 1.93 1.92 2.25 1.22	Ide State: Average 1.72 1.61 2.17	Mid-Ebb Suspend 3 5 2 5 6 3 6 6 4	Jed Solid 3 5 2 4 5 5 6 4	Depth Average 4 4	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 M CW2 B	13:10 13:15 12:45 12:50 12:53 13:25 13:30 12:55 12:58 13:00	Sea Condition	Overall Depth, m 4 8 3 9	Sampling Depth,m 1 3 1 3.5 7 1 2 1 4 8	 Veather C Tempera 30.0 29.9 29.7 29.4 29.2 30.0 30.1 29.5 29.3 28.9 	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2 30.1 30.0 29.5 29.3 28.9	Sunny Dissolve a 8.20 8.20 7.89 8.15 8.29 8.25 8.25 8.26 8.33 8.22 8.20	d Oxyge b 8.21 8.02 7.87 8.16 8.30 8.25 8.28 8.28 8.33 8.22 8.20	n, mg/L Average 8.21 8.06 8.02 8.30 8.25 8.27 8.28 8.20	Dissolve a 126.0 124.3 120.5 124.8 125.8 125.8 126.8 127.1 127.0 125.0	Ambien d Oxygen b 126.0 120.6 125.1 125.7 126.9 126.3 125.1 125.1 125.3	nt Tempera n, % Average 126.0 124.2 122.8 125.8 125.8 126.9 127.1 125.9 123.8	ature,°C: <u>Salinity</u> , a 27.0 26.9 27.2 27.3 27.0 27.1 27.1 27.2 27.3	27 ppt b 27.0 26.8 27.0 27.2 27.3 27.0 27.7 27.2 27.3	Turbidity 1.61 1.59 1.18 1.54 2.24 1.66 2.84 1.29 1.20	NTU b 1.99 1.70 1.40 1.34 1.93 1.92 2.25 1.22 1.01	Average 1.72 1.61 2.17 1.37	Mid-Ebb Suspend 3 5 2 5 6 3 6 6 4 4 4 4	Jed Solid 3 5 2 4 5 6 4 4 4	Depth Average 4 4 5	Remarks
MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M CW1 B CW2 S CW2 S	13:10 13:15 12:45 12:50 12:53 13:25 13:30 12:55 12:58 13:00	Sea	Overall Depth, m 4 8 3 9 xygen Meter	Sampling Depth,m 1 3 1 3.5 7 1 2 1 4 8	Veather C A 30.0 29.9 29.7 29.4 29.2 30.0 30.0 29.5 29.3	ondition: ature, °C b 30.0 29.8 29.7 29.4 29.2 30.1 30.0 29.5 29.3	Sunny Dissolve a 8.20 8.20 8.20 8.25 8.25 8.26 8.33 8.22 8.20	d Oxyge b 8.21 8.02 7.87 8.16 8.30 8.25 8.28 8.28 8.33 8.22 8.20 Calibrati	n, mg/L Average 8.21 8.06 8.02 8.30 8.25 8.27 8.28	Dissolve a 126.0 124.3 120.5 124.8 125.8 126.8 127.1 127.0 123.7	Ambient d Oxygen b 126.0 120.6 125.1 126.9 126.3 125.1 126.3 125.1 123.8	nt Tempera n, % Average 126.0 124.2 122.8 125.8 125.8 126.9 127.1 125.9 123.8	ature,°C: <u>Salinity</u> , a 27.0 26.9 27.2 27.3 27.0 27.1 27.1 27.2 27.3	27 ppt b 27.0 26.8 27.0 27.2 27.3 27.0 27.7 27.2 27.3	Turbidity 1.61 1.59 1.18 1.54 2.24 1.66 2.84 1.29 1.20	NTU b 1.99 1.70 1.40 1.34 1.93 1.92 2.25 1.22 1.01	Ide State: Average 1.72 1.61 2.17	Mid-Ebb Suspend 3 5 2 5 6 3 6 4 4 4 4 4 8	Jed Solid 3 5 2 4 5 6 4 4 4	Depth Average 4 4 5 5	Remarks

ity | _ зy P 34.5 ppt Salinity Meter: EM 6167 Calibration Check: Date: 11/7/2005

Thermometer:

EM 6167

Proiect:	Contract	No. CV/2004/	02 Recons	truction of V				-	Piers	•	Client:	Kin Shing	-	-			Job No.:	J429			
	Sampling					ondition:				•		nt Tempera					Tide State:		- od		
Station	Time	Sea	Overall	Sampling		ature, °C			n ma/l	Discolut	ed Oxyger		Salinity,		Turbidity				ded Solid		Remarks
Station	Time	Condition	Depth, m		a	b	a	b	Average	a		Average	a a	b	a	b	Average	Suspend	ueu Solia	Depth Average	Remarks
MW1 S	9:30			1	30.1	30.1	7.65	7.67	0 11	117.5	117.7	122.0	26.8	26.8	1.11	1.18		16	14		
MW1 M	9:36		5	2	29.9	29.8	8.43	8.69	8.11	126.1	126.6	122.0	27.3	27.3	1.70	1.79	1.87	16	14	14	
MW1 B	9:45			4	29.8	29.7	7.14	7.20	7.17	102.9	105.9	104.4	27.4	27.6	2.70	2.72		12	11		
MW2 S	8:45			1	29.9	29.9	8.91	8.92	9.17	135.9	136.3	140.3	26.9	26.9	1.09	1.10		14	15		
MW2 M	8:50		9	4	29.3	29.4	9.43	9.41		144.0	145.0		27.7	27.6	1.69	1.64	1.55	13	13	15	
MW2 B	8:52			8	28.5	28.6	8.27	8.31	8.29	111.7	106.9	109.3	30.0	30.1	1.85	1.94		17	16		
CW1 S	9:52			1	29.9	29.9	7.86	7.87	7.83	120.6	120.6	120.6	26.9	26.9	1.32	1.45		11	11		
CW1 M	9:56		5	2	29.9	29.9	7.78	7.81	7.03	120.2	120.8	120.6	27.2	27.2	1.32	1.29	1.75	9	8	11	
CW1 B	10:00			4	29.6	29.6	8.40	8.41	8.41	127.7	127.7	127.7	27.3	27.3	2.49	2.62		14	14		
CW2 S	9:02			1	30.0	30.0	8.28	8.30	8.00	126.8	126.9	121.9	27.0	27.0	2.34	2.50		12	12		
CW2 M	9:07		10	4.5	29.9	29.7	7.70	7.70	8.00	116.8	117.0	121.9	26.8	26.8	1.86	2.62	2.13	8	7	11	
CW2 B	9:15			9	29.3	29.1	7.65	7.65	7.65	117.8	117.5	117.7	26.9	26.9	1.02	2.45		15	13		
Equipme	nt used:	Dissolved O	kygen Mete	r:	EM	6167		Calibrati	ion Check:		100	100%:					Sampled	By:	Chow K	in Pong	
		Turbidity Me	ter:		EM	2365		Calibrati	ion Check:		9.9	NTU					Checked	By:	Raymon	d Dai	-
		Salinity Mete	r:		EM	6167		Calibrati	ion Check:		35.4	ppt					Date:		13/7/200	05	
		Thermomete	r:		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	Construc	tion Co.,	Ltd.		Job No.:	J429			
	Sampling					ondition:						nt Tempera					Tide State:		-)		
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	ed Oxyge	n, mg/L	Dissolve	d Oxyger		Salinity,		Turbidity			Suspend	ded Solid	s, mg/L	Remarks
		Condition	Depth, m		а	b	а		Average	а		Average	а	b	а	b	Average			Depth Average	
MW1 S	12:25			1	30.2	29.4	7.35	7.29		108.5	106.4		27.5	27.7	1.74	1.85		18	19		
MW1 M	12:28		5	2	29.5	29.3	7.12	7.25	7.25	99.5	101.6	104.0	27.6	27.8	1.95	1.88	1.90			15	
MW1 B	12:31			4	29.0	29.0	5.62	5.79	5.71	84.7	97.2	91.0	28.0	27.9	1.86	2.10		10	12		
MW2 S	12:00			1	29.6	29.6	8.34	8.30		133.5	130.1		27.1	27.1	1.52	1.62		14	15		
MW2 M	10.00	-	1			1		I	8.17	1							1	L	I		
	12:06		8	3.5	29.1	29.2	7.99	8.04	0.11	127.2	128.5	129.8	28.1	28.2	1.74	1.85	1.83	14	12	15	
MW2 B	12:06	-	8	3.5 7	29.1 28.7	29.2 28.6	7.99 7.14	8.04 7.16	7.15	127.2 109.5	128.5 110.2	129.8	28.1 30.0	28.2 30.1	1.74 2.02	1.85 2.25	1.83	14 18	12 17	15	
MW2 B CW1 S			8														1.83			15	
	12:11	-	8	7	28.7	28.6	7.14	7.16		109.5	110.2		30.0	30.1	2.02	2.25	2.23	18	17	15	
CW1 S	12:11	-		7	28.7	28.6	7.14	7.16	7.15	109.5	110.2	109.9	30.0	30.1	2.02	2.25		18	17		
CW1 S CW1 M	12:11	-		7	28.7	28.6	7.14	7.16	7.15 7.25	109.5	110.2	109.9 112.1	30.0 27.6	30.1 27.3	2.02	2.25		18	17		
CW1 S CW1 M CW1 B	12:11 12:36 12:41 12:15			7 1 3	28.7 29.8 29.2	28.6 29.8 29.0	7.14 7.35 7.49	7.16 7.14 7.54	7.15 7.25	109.5 114.5 109.4	110.2 109.6 112.5	109.9 112.1	30.0 27.6 27.7	30.1 27.3 27.5	2.02 1.82 2.65	2.25 1.90 2.54		18 18 14	17 15 15		
CW1 S CW1 M CW1 B CW2 S	12:11 12:36 12:41 12:15		4	7 1 3 1	28.7 29.8 29.2 29.2 29.3	28.6 29.8 29.0 29.3	7.14 7.35 7.49 7.65	7.16 7.14 7.54 7.45	7.15 7.25 7.52	109.5 114.5 109.4 116.4	110.2 109.6 112.5 117.5	109.9 112.1 111.0	30.0 27.6 27.7 26.8	30.1 27.3 27.5 27.0	2.02 1.82 2.65 1.85	2.25 1.90 2.54 1.79	2.23	18 18 14 10	17 15 15 15 11	16	
CW1 S CW1 M CW1 B CW2 S CW2 M	12:11 12:36 12:41 12:41 12:15 12:19		4	7 1 3 1 4	28.7 29.8 29.2 29.3 28.1	28.6 29.8 29.0 29.3 28.1	7.14 7.35 7.49 7.65 7.52	7.16 7.14 7.54 7.45 7.50	7.15 7.25 7.52 7.53	109.5 114.5 109.4 116.4 111.5	110.2 109.6 112.5 117.5 109.2	109.9 112.1 111.0 113.7	30.0 27.6 27.7 26.8 27.4	30.1 27.3 27.5 27.0 28.0	2.02 1.82 2.65 1.85 2.14	2.25 1.90 2.54 1.79 2.30	2.23	18 18 14 10 14	17 15 15 11 13	16	
CW1 S CW1 M CW1 B CW2 S CW2 M CW2 B	12:11 12:36 12:41 12:41 12:15 12:19	Dissolved O:	9	7 1 3 1 4 8	28.7 29.8 29.2 29.3 28.1	28.6 29.8 29.0 29.3 28.1	7.14 7.35 7.49 7.65 7.52 7.48	7.16 7.14 7.54 7.45 7.50 7.43	7.15 7.25 7.52 7.53	109.5 114.5 109.4 116.4 111.5	110.2 109.6 112.5 117.5 109.2 108.5	109.9 112.1 111.0 113.7	30.0 27.6 27.7 26.8 27.4	30.1 27.3 27.5 27.0 28.0	2.02 1.82 2.65 1.85 2.14	2.25 1.90 2.54 1.79 2.30	2.23	18 18 14 10 14 13	17 15 15 11 13	16	

 EM
 2365
 Calibration Check:
 9.9
 NTU

 EM
 6167
 Calibration Check:
 35.4
 ppt
 Turbidity Meter: Checked By: Raymond Dai Date: Salinity Meter: 13/7/2005

Thermometer:

EM 6167

Date of	Sampling	8/7/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	32		1	Tide State:	Mid-Floo	d		
									n ma/l	Dissolut										- la ma/l	Domorko
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	a	ature, °C b	a	b b	n, mg/L Average	Dissolve a	b b	n, % Average	Salinity, a	b b	Turbidity a	b	Average	Suspend	ded Solid	Depth Average	Remarks
MW1 S	8:20			1	30.2	30.2	5.82	5.81		90.1	89.4		27.3	27.3	1.12	1.20		11	12		
MW1 M	8:23		5	2	26.3	26.4	4.09	4.07	4.95	61.0	60.4	75.2	31.2	31.1	1.51	1.49	1.45	12	13	12	
MW1 B	8:25			4	25.7	25.7	2.09	2.11	2.10	27.1	1.8	14.5	33.5	33.5	1.73	1.66		13	13		
MW2 S	8:44			1	29.9	29.3	5.71	5.69	5.08	88.0	88.0	76.6	27.4	27.4	0.82	0.85		12	14		
MW2 M	8:46		9	4	26.3	26.4	4.42	4.49	0.00	63.8	66.4	10.0	29.5	29.5	1.04	1.01	1.08	12	13	13	
MW2 B	8:49			8	25.6	25.5	2.22	2.24	2.23	32.6	33.0	32.8	32.7	32.7	1.29	1.45		13	11		
CW1 S	8:30			1	30.1	30.1	5.52	5.49	5.10	85.7	85.8	79.0	28.5	28.6	1.45	1.38		21	21		
CW1 M	8:35		5	2	26.5	26.4	4.98	4.41	5.10	73.9	70.5	73.0	31.5	31.6	1.52	1.45	1.60	22	24	24	
CW1 B	8:42			4	25.1	25.1	2.83	2.87	2.85	41.4	41.9	41.7	33.0	33.1	1.87	1.90		30	27		
CW2 S	8:51			1	28.7	28.7	5.63	5.60	4.86	85.9	86.0	73.4	27.4	27.5	1.82	1.75		10	11		
CW2 M	8:53		10	4.5	26.7	26.8	4.14	4.08	7.00	61.1	60.4	. 0.4	29.1	28.9	2.02	2.45	2.27	19	21	14	
CW2 B	8:56			9	25.5	25.5	2.32	2.29	2.31	33.5	33.4	33.5	33.5	33.5	2.78	2.80		12	12		
Equipme	nt used:	Dissolved O	xygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Chow K	in Pong	
		Turbidity Me	ter:		EM	2365		Calibrati	on Check:		10.1	NTU					Checked I	By:	Raymor	id Dai	-
		Turbidity Me Salinity Mete			EM EM	2365 6167			on Check: on Check:		10.1 35.4						Checked I Date:		Raymor 15/7/200		
			er:																		-
Project:	Contract	Salinity Mete	er: er:		EM EM	6167 6167		Calibrati	on Check:		35.4		Construc	ction Co.,	Ltd.						-
		Salinity Mete	er: er: 02 Reconsi	truction of W	EM EM /ong She	6167 6167	Lau Wa	Calibrati	on Check:		35.4 Client:	ppt					Date:	J429	15/7/20		
Date of		Salinity Mete Thermomete No. CV/2004/	er: 02 Recons	truction of W	EM EM /ong She eather C	6167 6167 ek and Ko	Lau Wa	Calibrati	on Check: Piers	Dissolve	35.4 Client:	ppt <u>Kin Shing</u> nt Tempera		32		7	Date: Job No.:	J429 Mid-Ebb	15/7/20	-	Remarks
Date of	Sampling	Salinity Mete Thermomete No. CV/2004/ 	er: 02 Recons	truction of W	EM EM /ong She eather C	6167 6167 ek and Ko ondition:	Lau Wa	Calibrati n Public	on Check: Piers	Dissolve a	35.4 Client: Ambie d Oxyge	ppt <u>Kin Shing</u> nt Tempera	ature,°C:	32		7	Date: Job No.:	J429 Mid-Ebb	15/7/200	-	Remarks
Date of	Sampling	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	er: 02 Recons	truction of W	EM EM /ong She eather C Tempera	6167 6167 ek and Kc ondition: ature, °C	Lau Wa Sunny Dissolve	Calibrati n Public	on Check: Piers n, mg/L Average		35.4 Client: Ambie d Oxyge	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity,	32 ppt	Turbidity	, NTU	Date: Job No.: Fide State:	J429 Mid-Ebb	15/7/200	05 ls, mg/L Depth	Remarks
Date of	Sampling	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	er: 02 Recons	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers	а	35.4 Client: Ambie d Oxyge b	ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	32 ppt b	Turbidity a	, NTU b	Date: Job No.: Fide State:	J429 Mid-Ebb Suspend	15/7/200	05 ls, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Sampling	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers n, mg/L Average	а	35.4 Client: Ambie d Oxyge b	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity, a	32 ppt b	Turbidity a	, NTU b	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend	15/7/200	o5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling Time 14:17	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a 30.0	6167 6167 ek and Ko ondition: ature, °C b 29.9	Lau Wa Sunny Dissolve a 6.31	Calibrati n Public d Oxyge b 6.33	n, mg/L Average 6.32 4.28	a 98.0	35.4 Client: Ambie b 98.2	ppt Kin Shing nt Tempera Average 98.1 63.8	ature,°C: Salinity, a 28.1	32 ppt b 28.0	Turbidity a 1.46	, NTU b 1.43	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend	15/7/200	o5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling Time 14:17 14:20	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m 1 3	EM /ong She eather C Temper a 30.0 27.1	6167 6167 ondition: ature, °C b 29.9 27.1	Lau Wa Sunny Dissolve a 6.31 4.26	Calibrati n Public d Oxyge b 6.33 4.29	n, mg/L Average	a 98.0 63.5	35.4 Client: Ambie b 98.2 64.0	ppt <u>Kin Shing</u> nt Tempera n, % Average 98.1	ature,°C: Salinity, a 28.1 31.6	32 ppt b 28.0 31.8	Turbidity a 1.46 1.92	, NTU b 1.43 2.05	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspenc 9 14	15/7/200 ded Solid	o5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling Time 14:17 14:20 13:55	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	truction of W W Sampling Depth,m 1 3 1	EM EM /ong She eather C Tempera a 30.0 27.1 30.3	6167 6167 ek and Kc ondition: ature, °C b 29.9 27.1 30.3	Lau Wa Sunny Dissolve a 6.31 4.26 6.30	Calibrati n Public d Oxyge b 6.33 4.29 6.30	n, mg/L Average 6.32 4.28	a 98.0 63.5 96.8	35.4 Client: Ambie d Oxyge b 98.2 64.0 96.1	ppt Kin Shing nt Tempera Average 98.1 63.8	ature, °C: Salinity, a 28.1 31.6 27.1	32 ppt b 28.0 31.8 27.1	Turbidity a 1.46 1.92 1.15	, NTU b 1.43 2.05 1.07	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspenc 9 14 13	15/7/200 ded Solid 10 13 15	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling Time 14:17 14:20 13:55 13:59	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	truction of W W Sampling Depth,m 1 3 1 3.5	EM EM /ong She eather C Temper- a 30.0 27.1 30.3 26.9	6167 6167 ek and Ko ondition: ature, °C b 29.9 27.1 30.3 26.8	Lau Wa Sunny Dissolve a 6.31 4.26 6.30 4.90	Calibrati n Public b 6.33 4.29 6.30 4.85	on Check: Piers Average 6.32 4.28 5.59 2.16	a 98.0 63.5 96.8 77.2	35.4 Client: Ambie b 98.2 98.2 64.0 96.1 75.3	ppt <u>Kin Shing</u> nt Tempera Average 98.1 63.8 86.4 30.8	ature, °C: Salinity, a 28.1 31.6 27.1 30.3	32 ppt b 28.0 31.8 27.1 30.2	Turbidity a 1.46 1.92 1.15 1.46	2.05 1.48	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend 9 14 13 15	15/7/200 ded Solic 10 13 15 15	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling Time 14:17 14:20 13:55 13:59 14:02	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	truction of W W Sampling Depth,m 1 3 1 3.5	EM EM /ong She eather C Temper a 30.0 27.1 30.3 26.9 24.9	6167 6167 ek and Ko ondition: ature, °C b 29.9 27.1 30.3 26.8 24.8	E Lau Wa Sunny Dissolve a 6.31 4.26 6.30 4.90 2.15	Calibrati n Public d Oxyge b 6.33 4.29 6.30 4.85 2.17	on Check: Piers n, mg/L Average 6.32 4.28 5.59	a 98.0 63.5 96.8 77.2 30.2	35.4 Client: Ambie b 98.2 98.2 64.0 96.1 75.3 31.4	Kin Shing nt Tempera n, % Average 98.1 63.8 86.4	ature, °C: Salinity, a 28.1 31.6 27.1 30.3 32.2	32 ppt b 28.0 31.8 27.1 30.2 32.2	Turbidity a 1.46 1.92 1.15 1.46 2.43	, NTU b 1.43 2.05 1.07 1.48 2.42	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspenc 9 14 13 15 14	15/7/200 Jed Solici 10 13 15 15 16	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling Time 14:17 14:20 13:55 13:59 14:02	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons Overall Depth, m 4 8	truction of W W Sampling Depth,m 1 3 1 3.5	EM EM /ong She eather C Temper a 30.0 27.1 30.3 26.9 24.9	6167 6167 ek and Ko ondition: ature, °C b 29.9 27.1 30.3 26.8 24.8	E Lau Wa Sunny Dissolve a 6.31 4.26 6.30 4.90 2.15	Calibrati n Public d Oxyge b 6.33 4.29 6.30 4.85 2.17	on Check: Piers Average 6.32 4.28 5.59 2.16	a 98.0 63.5 96.8 77.2 30.2	35.4 Client: Ambie b 98.2 98.2 64.0 96.1 75.3 31.4	ppt <u>Kin Shing</u> nt Tempera Average 98.1 63.8 86.4 30.8	ature, °C: Salinity, a 28.1 31.6 27.1 30.3 32.2	32 ppt b 28.0 31.8 27.1 30.2 32.2	Turbidity a 1.46 1.92 1.15 1.46 2.43	, NTU b 1.43 2.05 1.07 1.48 2.42	Date: Job No.: Tide State: 1.72 1.67	J429 Mid-Ebb Suspenc 9 14 13 15 14	15/7/200 Jed Solici 10 13 15 15 16	s, mg/L Depth Average 12 15	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling Time 14:17 14:20 13:55 13:59 14:02 14:25	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons Overall Depth, m 4 8	truction of W W Sampling Depth,m 1 3 1 3.5	EM EM /ong She eather C Temper a 30.0 27.1 30.3 26.9 24.9 30.2	6167 6167 ek and Kc ondition: ature, °C b 29.9 27.1 30.3 26.8 24.8 30.2	Lau Wa Sunny Dissolve a 6.31 4.26 6.30 4.90 2.15 5.87	Calibrati n Public d Oxyge b 6.33 4.29 6.30 4.85 2.17 5.98	on Check: Piers n, mg/L Average 6.32 4.28 5.59 2.16 5.93 2.98	a 98.0 63.5 96.8 77.2 30.2 90.4	35.4 Client: Ambie b 98.2 64.0 96.1 75.3 31.4 92.3	ppt Kin Shing nt Tempera n, % Average 98.1 63.8 86.4 30.8 91.4 44.0	Salinity, a 28.1 31.6 27.1 30.3 32.2 27.9	32 ppt b 28.0 31.8 27.1 30.2 32.2 27.8	Turbidity a 1.46 1.92 1.15 1.46 2.43 1.74	NTU b 1.43 2.05 1.07 1.48 2.42 1.80	Date: Job No.: Tide State: 1.72 1.67	J429 Mid-Ebb Suspenc 9 14 13 15 14 15 14	15/7/200 Jed Solici 10 13 15 15 16 13	s, mg/L Depth Average 12 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B	Sampling Time 14:17 14:20 13:55 13:55 14:25 14:25 14:25	Salinity Mete Thermomete No. CV/2004/ : 8/7/2005 Sea	r: 02 Recons Overall Depth, m 4 8	truction of W W Sampling Depth,m 1 3 3 1 3.5 7	EM (ong She eather C Temper- a 30.0 27.1 30.3 26.9 24.9 30.2 28.5	6167 6167 ek and Ko ondition: ature, °C b 29.9 27.1 30.3 26.8 24.8 30.2 28.6	Lau Wa Sunny Dissolve a 6.31 4.26 6.30 4.90 2.15 5.87 3.05	Calibrati n Public b 6.33 6.30 4.29 6.30 4.85 2.17 5.98 2.91	on Check: Piers n, mg/L Average 6.32 4.28 5.59 2.16 5.93	a 98.0 63.5 96.8 77.2 30.2 90.4 45.2	35.4 Client: Ambie b 98.2 64.0 96.1 75.3 31.4 92.3 42.8	ppt Kin Shing nt Tempera Average 98.1 63.8 86.4 30.8 91.4	ature, °C: Salinity, a 28.1 31.6 27.1 30.3 32.2 27.9 28.1	32 ppt b 28.0 31.8 27.1 30.2 32.2 27.8 28.3	Turbidity a 1.46 1.92 1.15 1.46 2.43 1.74 2.71	, NTU b 1.43 2.05 1.07 1.48 2.42 1.80	Date: Job No.: Tide State: 1.72 1.67	J429 Mid-Ebb Suspend 9 14 13 15 14 15 10	15/7/200 Jed Solico 10 13 15 15 16 13 8	s, mg/L Depth Average 12 15	Remarks

Turbidity Meter:	EM	2365	Calibration Check:	10.1	NTU	Checked By:	Raymond Dai	
Salinity Meter:	EM	6167	Calibration Check:	35.4	ppt	Date:	15/7/2005	
Thermometer:	EM	6167						

Date of	Sampling:	12/7/2005		. W	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	34			Fide State:	Mid-Floo	bd	-	
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	d Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth Average	Remarks
MW1 S	9:52			1	29.7	29.7	5.87	5.88		89.7	89.9		28.1	28.1	1.04	1.04		2	4		
MW1 M	9:54	-	5	2.5	28.9	28.9	5.75	5.76	5.82	88.3	88.4	89.1	28.3	28.3	1.48	1.50	1.65	13	13	9	
MW1 B	9:55			5	28.2	28.1	4.96	4.97	4.97	73.2	73.4	73.3	32.3	32.3	2.34	2.52		11	9		
MW2 S	9:35			1	29.6	29.6	7.05	7.07		108.2	108.4		28.5	28.6	0.70	0.72		7	13		
MW2 M	9:40		10	4.5	27.7	27.7	5.68	5.59	6.35	85.9	84.6	96.8	30.7	30.8	2.11	2.13	1.88	11	5	8	
MW2 B	9:42			9	24.8	24.2	5.28	5.26	5.27	79.2	79.0	79.1	30.6	30.6	2.79	2.81		5	4		
CW1 S	9:57			1	30.7	30.7	5.47	5.46		85.1	84.9		28.1	28.1	1.55	1.60		6	5		
CW1 M	9:59		5	2	29.7	29.4	4.71	4.66	5.08	76.5	75.9	80.6	30.5	30.5	1.89	1.92	1.97	5	6	6	
CW1 B	10:02			4	26.8	26.8	3.23	3.25	3.24	48.2	47.2	47.7	31.3	31.4	2.43	2.42		7	8		
CW2 S	9:44			1	29.1	29.1	5.03	5.05		75.7	76.0		30.5	30.5	1.50	1.49		7	9		
CW2 M	9:46		11	5	27.1	27.1	4.75	4.76	4.90	71.0	70.9	73.4	31.5	31.5	1.70	1.68	2.01	12	11	9	
CW2 B	9:50			10	26.1	26.1	3.57	3.58	3.58	52.1	52.2	52.2	33.0	33.1	2.86	2.84		9	8		
Equipmer	t used:	Dissolved O	xygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Chow K	in Pong	
		Turbidity Me	ter:		EM	2365		Calibrati	on Check:		9.8	NTU					Checked	By:	Raymor	id Dai	
		Turbidity Me Salinity Mete			EM EM	2365 6167			on Check: on Check:		9.8 35.5	•					Checked Date:	By:	Raymon 19/7/200		
			er:									•						By:			
Project:	Contract	Salinity Mete	er: er:		EM EM	6167 6167	Lau Wa	Calibrati	on Check:		35.5	ppt	Construe	stion Co.	Ltd.		Date:				
		Salinity Mete Thermomete No. CV/2004/	er: er: 02 Reconsi	truction of W	EM EM /ong She	6167 6167 ek and Ko		Calibrati	on Check:		35.5 Client:	ppt Kin Shing					Date: Job No.:	J429	19/7/200		
Date of	Sampling	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005	er: 02 Recons	truction of W	EM EM /ong She eather C	6167 6167 ek and Ko ondition:	Sunny	Calibrati	on Check: Piers	Dissolve	35.5 Client: Ambie	ppt <u>Kin Shing</u> nt Tempera	ature,°C:	33			Date:	J429 Mid-Ebb	<u>19/7/200</u>		Remarks
Date of		Salinity Mete Thermomete No. CV/2004/	er: 02 Recons	truction of W	EM EM /ong She eather C	6167 6167 ek and Ko	Sunny	Calibrati	on Check: Piers	Dissolve	35.5 Client: Ambie	ppt <u>Kin Shing</u> nt Tempera		33			Date: Job No.:	J429 Mid-Ebb	19/7/200		Remarks
	Sampling	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	er: 02 Recons	truction of W	EM EM /ong She eather C Tempera	6167 6167 ek and Ko ondition: ature, °C	Sunny Dissolve	Calibrati	on Check: Piers n, mg/L Average		35.5 Client: Ambie d Oxyge	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity,	33 ppt	Turbidity	, NTU	Date: Job No.: Fide State:	J429 Mid-Ebb	<u>19/7/200</u>	o5 - ls, mg/L Depth	Remarks
Date of Station	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	er: 02 Recons	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Sunny Dissolve a	Calibrati	on Check: Piers	а	35.5 Client: Ambie d Oxyge b	ppt <u>Kin Shing</u> nt Tempera	ature,°C: Salinity, a	33 ppt b	Turbidity a	r, NTU b	Date: Job No.: Fide State:	J429 Mid-Ebb Suspend		o5 - ls, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Sunny Dissolve a	Calibrati	on Check: Piers n, mg/L Average	а	35.5 Client: Ambie d Oxyge b	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,°C: Salinity, a	33 ppt b	Turbidity a	r, NTU b	Date: Job No.: Fide State: Average	J429 Mid-Ebb Suspend		o5 is, mg/L Depth Average	Remarks
Date of Station MW1 S	Sampling: Time 15:06	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a 28.2	6167 6167 ek and Ko ondition: ature, °C b 28.2	Sunny Dissolve a 5.24	Calibrati n Public d Oxyge b 5.23	n, mg/L Average 3.52	a 81.1	35.5 Client: Ambie d Oxyge b 80.9	kin Shing nt Tempera Average 81.0 52.2	ature,°C: Salinity, a 28.1	33 ppt b 28.1	Turbidity a 1.40	r, NTU b 1.42	Date: Job No.: Fide State: Average	J429 Mid-Ebb Suspend 7	19/7/200	o5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 15:06 15:11	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	or: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m 1 3	EM EM /ong She eather C Temper a 28.2 25.7	6167 6167 ondition: ature, °C b 28.2 25.7	Sunny Dissolve a 5.24 3.53	Calibrati n Public d Oxyge b 5.23 3.50	n, mg/L Average	a 81.1 52.2	35.5 Client: Ambie b 80.9 52.1	ppt <u>Kin Shing</u> nt Tempera n, % Average 81.0	Salinity, a 28.1 32.3	33 ppt b 28.1 32.4	Turbidity a 1.40 2.30	, NTU b 1.42 2.34	Date: Job No.: Fide State: Average	J429 Mid-Ebb Suspend 7 10	19/7/200	o5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 15:06 15:11 15:17	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1	EM EM /ong She eather C Tempera a 28.2 25.7 29.0	6167 6167 ek and Ko ondition: ature, °C b 28.2 25.7 29.0	Sunny Dissolve a 5.24 3.53 6.80	Calibrati n Public d Oxyge b 5.23 3.50 6.82	n, mg/L Average 3.52	a 81.1 52.2 104.3	35.5 Client: Ambie b 80.9 52.1 104.6	kin Shing nt Tempera Average 81.0 52.2	ature,°C: Salinity, a 28.1 32.3 28.4	33 ppt b 28.1 32.4 28.4	Turbidity a 1.40 2.30 1.72	r, NTU b 1.42 2.34 1.80	Date: Job No.: Fide State: Average 1.87	J429 Mid-Ebb Suspend 7 10 9	19/7/200 ded Solid	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 15:06 15:11 15:17 15:17	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4	EM (ong She eather C Temper a 28.2 25.7 29.0 26.1	6167 6167 ek and Ko ondition: ature, °C b 28.2 28.2 25.7 29.0 26.1	Sunny Dissolve a 5.24 3.53 6.80 5.05	Calibrati n Public b 5.23 3.50 6.82 5.02	on Check: Piers Average 5.24 3.52 5.92 3.89	a 81.1 52.2 104.3 77.6	35.5 Client: Ambie b 80.9 52.1 104.6 77.4	ppt <u>Kin Shing</u> nt Tempera Average 81.0 52.2 91.0 59.0	Salinity, a 28.1 32.3 28.4 29.9	33 ppt b 28.1 32.4 28.4 29.9	Turbidity a 1.40 2.30 1.72 1.80	, NTU b 1.42 2.34 1.80 1.82	Date: Job No.: Fide State: Average 1.87	J429 Mid-Ebb Suspend 7 10 9 5	19/7/200 ded Solid	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 15:06 15:11 15:17 15:19 15:22	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4 8	EM EM /ong She eather C Temper 28.2 25.7 29.0 26.1 24.9	6167 6167 ek and Ko ondition: ature, °C b 28.2 25.7 29.0 26.1 24.9	Sunny Dissolve a 5.24 3.53 6.80 5.05 3.90	Calibrati n Public b 5.23 3.50 6.82 5.02 3.88	on Check: Piers n, mg/L Average 5.24 3.52 5.92	a 81.1 52.2 104.3 77.6 59.1	35.5 Client: Ambie b 80.9 52.1 104.6 77.4 58.9	Kin Shing nt Tempera n, % Average 81.0 52.2 91.0	ature, °C: Salinity, a 28.1 32.3 28.4 29.9 33.1	33 ppt b 28.1 32.4 28.4 29.9 33.1	Turbidity a 1.40 2.30 1.72 1.80 2.14	7, NTU b 1.42 2.34 1.80 1.82 2.20	Date: Job No.: Fide State: Average 1.87	J429 Mid-Ebb Suspend 7 10 9 5 6	19/7/200 ded Solid 5 9 9 9 6 6	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 15:06 15:11 15:17 15:19 15:22	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8	EM EM /ong She eather C Temper a 28.2 25.7 29.0 26.1 24.9	6167 6167 ek and Ko ondition: ature, °C b 28.2 25.7 29.0 26.1 24.9	Sunny Dissolve a 5.24 3.53 6.80 5.05 3.90	Calibrati n Public b 5.23 3.50 6.82 5.02 3.88	on Check: Piers Average 5.24 3.52 5.92 3.89	a 81.1 52.2 104.3 77.6 59.1	35.5 Client: Ambie b 80.9 52.1 104.6 77.4 58.9	ppt <u>Kin Shing</u> nt Tempera Average 81.0 52.2 91.0 59.0	ature, °C: Salinity, a 28.1 32.3 28.4 29.9 33.1	33 ppt b 28.1 32.4 28.4 29.9 33.1	Turbidity a 1.40 2.30 1.72 1.80 2.14	7, NTU b 1.42 2.34 1.80 1.82 2.20	Date: Job No.: Tide State: 1.87 1.91	J429 Mid-Ebb Suspend 7 10 9 5 6	19/7/200 ded Solid 5 9 9 9 6 6	s, mg/L Depth Average 8 7	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 15:06 15:11 15:17 15:19 15:22 15:12	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8 1	EM EM /ong She eather C Temper a 28.2 25.7 29.0 26.1 24.9 30.2 30.2	6167 6167 ek and Ko ondition: ature, °C b 28.2 25.7 29.0 26.1 24.9 30.2	Sunny Dissolve a 5.24 3.53 6.80 5.05 3.90 5.70	Calibrati n Public b 5.23 3.50 6.82 5.02 3.88 5.70	on Check: Piers Average 5.24 3.52 5.92 3.89 5.70	a 81.1 52.2 104.3 77.6 59.1 87.1	35.5 Client: Ambie b 80.9 52.1 104.6 77.4 58.9 87.0	ppt Kin Shing nt Tempera Average 81.0 52.2 91.0 59.0 87.1	ature, °C: <u>Salinity,</u> 28.1 32.3 28.4 29.9 33.1 28.4	33 ppt b 28.1 32.4 28.4 29.9 33.1 28.4	Turbidity a 1.40 2.30 1.72 1.80 2.14 1.40	, NTU b 1.42 2.34 1.80 1.82 2.20 1.42	Date: Job No.: Tide State: 1.87 1.91	J429 Mid-Ebb Suspend 7 10 9 5 6 7 7	19/7/200 ded Solid 5 9 9 9 6 6 6 7	s, mg/L Depth Average 8 7	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 15:06 15:11 15:17 15:19 15:22 15:12 15:14	Salinity Mete Thermomete No. CV/2004/ : 12/7/2005 Sea	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8 1 1 3	EM EM /ong She eather C Temper- a 28.2 25.7 29.0 26.1 24.9 30.2 27.2	6167 6167 ek and Ko ondition: ature, °C b 28.2 25.7 29.0 26.1 24.9 30.2 27.3	Sunny Dissolve a 5.24 3.53 6.80 5.05 3.90 5.70 1.63	Calibrati n Public b 5.23 5.23 6.82 5.02 3.88 5.70 1.65	on Check: Piers Average 5.24 3.52 5.92 3.89 5.70	a 81.1 52.2 104.3 77.6 59.1 87.1 25.3	35.5 Client: Ambie b 80.9 52.1 104.6 77.4 58.9 87.0 25.0	ppt Kin Shing nt Tempera Average 81.0 52.2 91.0 59.0 87.1	ature,°C: Salinity, a 28.1 32.3 28.4 29.9 33.1 28.4 28.4 29.2	33 ppt b 28.1 32.4 28.4 29.9 33.1 28.4 29.9	Turbidity 1.40 2.30 1.72 1.80 2.14 1.40 2.17	r, NTU b 1.42 2.34 1.80 1.82 2.20 1.42 2.20	Date: Job No.: Tide State: 1.87 1.91	J429 Mid-Ebb Suspend 7 10 9 5 6 7 7 6 6	19/7/200 ded Solid 5 9 9 6 6 7 7	s, mg/L Depth Average 8 7	Remarks

Equipment used.	Dissolved oxygen meter.		0107	Calibration Check.	100	10070.	Gampied by:	Show Riff Brig
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.5	ppt	Date:	19/7/2005
	Thermometer:	EM	6167					

Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construe	ction Co.,	, Ltd.		Job No.:	J429			
Date of	Sampling:	: 14/7/2005		N	/eather C	ondition:	Sunny				Ambie	nt Tempera	ature,ºC:	33		T	Fide State:	Mid-Floo	bd	_	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera	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	b, NTU	Average	Suspend	ded Solid	ls, mg/L Depth Average	Remarks
MW1 S	10:40			1	29.4	29.4	7.52	7.50	7.40	115.1	174.9	1015	28.2	28.3	0.79	0.81		10	11		
MW1 M	10:41		6	2.5	27.9	27.9	6.82	6.80	7.16	103.9	104.0	124.5	30.1	30.1	0.92	0.94	0.96	2	2	8	
MW1 B	10:42			5	27.0	26.9	6.56	9.57	8.07	99.7	99.6	99.7	31.8	31.7	1.13	1.15		12	11		
MW2 S	10:31			1	30.0	30.0	6.67	6.69		101.9	102.1		29.9	29.9	0.97	0.98		10	10		
MW2 M	10:32		7	3	28.4	28.3	6.46	6.48	6.58	98.4	98.3	90.0	30.5	30.5	1.12	1.20	1.18	10	9	12	
MW2 B	10:34			6	25.3	25.3	5.64	5.63	5.64	84.9	85.0	80.8	32.4	32.4	1.40	1.41		16	16		
CW1 S	10:44			1	29.4	29.4	6.29	6.30		95.4	95.3		28.2	28.2	1.02	1.01		11	12		
CW1 M	10:45		5	2	27.9	27.9	5.95	5.94	6.12	89.0	88.9	92.2	30.8	30.1	1.34	1.27	1.24	9	10	11	
CW1 B	10:47	1		4	26.0	26.1	5.43	5.44	5.44	81.0	81.1	81.1	32.3	32.3	1.40	1.39		11	12		
CW2 S	10:36			1	30.3	30.3	5.72	5.70		85.1	84.9	<u> </u>	28.6	28.6	0.80	0.81		9	11		
CW2 M	10:37	1	10	4.5	28.2	28.2	5.10	5.12	5.41	72.4	72.3	78.7	30.0	30.1	0.84	0.86	0.96	8	8	9	
CW2 B	10:39	-		9	26.0	26.0	4.51	4.52	4.52	65.0	65.1	65.1	33.7	33.7	1.22	1.23		9	9		
		Turbidity Me Salinity Mete			EM EM	2365 6167			on Check: on Check:		9.9 35.5						Checked Date:	By:	Raymor 21/7/20		
			er: er: 02 Reconsi		EM EM	6167 6167 ek and Ko) Lau Wa	Calibrati	on Check:		35.5 Client:							J429	21/7/20		
Date of		Salinity Mete Thermomete No. CV/2004/	er: 02 Recons		EM EM Vong She	6167 6167 ek and Ko ondition:) Lau Wa	Calibrati n Public	on Check: Piers	Dissolve	35.5 Client:	ppt <u>Kin Shing</u> nt Tempera				1	Date: Job No.:	J429 Mid-Ebb	21/7/20		Remarks
Date of	Sampling:	Salinity Mete Thermomete No. CV/2004/ :14/7/2005	er: 02 Recons	Sampling	EM EM Vong She	6167 6167 ek and Ko ondition:) Lau Wa	Calibrati n Public	on Check: Piers	Dissolve a	35.5 Client: Ambier	ppt <u>Kin Shing</u> nt Tempera	ature,⁰C:		33	1	Date: Job No.:	J429 Mid-Ebb	21/7/200		Remarks
Date of	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons	Sampling	EM EM Vong She /eather C	6167 6167 ek and Ko ondition: ature, °C	D Lau Wa Sunny Dissolve	Calibrati n Public	on Check: Piers n, mg/L Average		35.5 Client: Ambier	ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity,	ppt	33 Turbidity	, NTU	Date: Job No.: Fide State:	J429 Mid-Ebb	21/7/200	05 ls, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time 15:23	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons	W Sampling Depth,m	EM EM Vong She /eather C Temper: a	6167 6167 ek and Ko ondition: ature, °C b	Dissolve a	Calibrati n Public d Oxyger b	on Check: Piers	а	35.5 Client: Ambier d Oxyger b	ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	ppt b	33 Turbidity a	, NTU b	Date: Job No.: Fide State:	J429 Mid-Ebb	21/7/200	05 ls, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Time 15:23	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m	W Sampling Depth,m	EM EM Vong She /eather C Temper: a	6167 6167 ek and Ko ondition: ature, °C b	b Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyger b	on Check: Piers n, mg/L Average	а	35.5 Client: Ambier d Oxyger b	ppt Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a	ppt b	33 Turbidity a	, NTU b	Date: Job No.: Fide State: Average	J429 Mid-Ebb	21/7/200	05 s, mg/L Depth Average	Remarks
Date of Station	Sampling: Time 15:23 15:25	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m	Sampling Depth,m	EM EM Vong She /eather C Tempera a 30.7	6167 6167 ek and Ko ondition: ature, °C b 30.7	Dissolve a 7.20	Calibrati n Public d Oxyge b 7.20	n, mg/L Average 6.90	a 112.1	35.5 Client: Ambieu b 112.5	ppt Kin Shing nt Temper n, % Average 112.3 105.4	ature,°C: Salinity, a 28.1	ppt b 28.1	33 Turbidity a 1.03	, NTU b 1.06	Date: Job No.: Fide State: Average	J429 Mid-Ebb Suspend	21/7/200	05 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 15:23 15:25 15:25	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m	N Sampling Depth,m 1 3	EM EM Vong She Veather C Temper a 30.7	6167 6167 ondition: ature, °C b 30.7 29.3	Dissolve a 7.20	Calibrati n Public d Oxyge b 7.20 6.89	n, mg/L Average	a 112.1 105.6	35.5 Client: Ambieu b 112.5 105.2	ppt Kin Shing nt Tempera Average	ature,°C: Salinity, a 28.1 29.2	ppt b 28.1 29.2	33 Turbidity a 1.03 1.72	, NTU b 1.06 1.75	Date: Job No.: Fide State: Average	J429 Mid-Ebb Suspend	21/7/200 Jed Solid	05 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 15:23 15:25 15:07 15:10	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	W Sampling Depth,m 1 3 1	EM EM Vong She /eather C Tempera a 30.7 29.3 30.4	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4	Dissolve a 7.20 6.90 8.22	Calibrati n Public d Oxyge b 7.20 6.89 8.22	n, mg/L Average 6.90	a 112.1 105.6 127.7	35.5 Client: Ambien d Oxygen b 112.5 105.2 127.7	ppt Kin Shing nt Temper n, % Average 112.3 105.4	Salinity, a 28.1 29.2 28.3	ppt b 28.1 29.2 28.3	33 Turbidity a 1.03 1.72 1.41	, NTU b 1.06 1.75 1.42	Date: Job No.: Fide State: Average 1.39	J429 Mid-Ebb Suspend 10 10 11	21/7/200 ded Solid 9 10 10	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 15:23 15:25 15:07 15:10 15:12	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	W Sampling Depth,m 1 3 3 1 3.5	EM EM Vong She /eather C Tempera 30.7 29.3 30.4 27.1	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4 27.0	Dissolve a 7.20 6.90 8.22 6.70	Calibrati n Public b 7.20 6.89 8.22 6.71	on Check: Piers Average 7.20 6.90 7.46 2.36	a 112.1 105.6 127.7 100.9	35.5 Client: Ambieu d Oxygee b 112.5 105.2 127.7 101.6	ppt <u>Kin Shing</u> nt Temper Average 112.3 105.4 114.5 34.7	ature, °C: Salinity, a 28.1 29.2 28.3 31.3	ppt b 28.1 29.2 28.3 31.3	33 Turbidity a 1.03 1.72 1.41 1.62	1.06 1.75 1.42 1.63	Date: Job No.: Fide State: Average 1.39	J429 Mid-Ebb Suspend 10 10 11 13	21/7/200 	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 15:23 15:25 15:07 15:10 15:12	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons 02 Recons 02 Recons 02 Recons 02 Recons 04	W Sampling Depth,m 1 3 3 1 3.5 7	EM EM Vong She Veather C Temper a 30.7 29.3 30.4 27.1 23.5	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3	Dissolve a 7.20 6.90 8.22 6.70 2.31	Calibrati n Public d Oxyge b 7.20 6.89 8.22 6.71 2.41	on Check: Piers n, mg/L Average 7.20 6.90 7.46	a 112.1 105.6 127.7 100.9 34.6	35.5 Client: Ambien d Oxygen b 112.5 105.2 127.7 101.6 34.7	ppt <u>Kin Shing</u> nt Tempera n, % Average 112.3 105.4 114.5	ature, °C: Salinity, a 28.1 29.2 28.3 31.3 34.3	ppt b 28.1 29.2 28.3 31.3 34.2	33 Turbidity a 1.03 1.72 1.41 1.62 2.12	, NTU b 1.06 1.75 1.42 1.63 2.15	Date: Job No.: Fide State: Average 1.39	J429 Mid-Ebb Suspend 10 10 11 13 15	21/7/200 Jed Solici 9 10 10 12 15	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 15:23 15:25 15:07 15:10 15:12 15:13	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m 4 8	- W Sampling Depth,m 1 3 3 1 3.5 7 2	EM EM Vong She /eather C Tempera a 30.7 29.3 30.4 27.1 23.5 30.3	6167 6167 ek and Kc ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3 30.3	Lau Wa Sunny Dissolve a 7.20 6.90 8.22 6.70 2.31 7.83	Calibrati n Public b 7.20 6.89 8.22 6.71 2.41 7.86	on Check: Piers Average 7.20 6.90 7.46 2.36	a 112.1 105.6 127.7 100.9 34.6 121.5	35.5 Client: Ambien b 112.5 105.2 127.7 101.6 34.7 121.6	ppt <u>Kin Shing</u> nt Temper Average 112.3 105.4 114.5 34.7	ature, °C: Salinity, a 28.1 29.2 28.3 31.3 34.3 28.3	ppt b 28.1 29.2 28.3 31.3 34.2 28.3	33 Turbidity a 1.03 1.72 1.41 1.62 2.12 0.88	, NTU b 1.06 1.75 1.42 1.63 2.15 0.91	Date: Job No.: Tide State: 1.39 1.73	J429 Mid-Ebb Suspend 10 10 11 13 15	21/7/200 Jed Solici 9 10 10 12 15	s, mg/L Depth Average 10 13	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 15:23 15:25 15:07 15:10 15:12 15:13 15:15 15:17	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m 4 8	W Sampling Depth,m 1 3 3 1 3.5 7 1 4.5	EM EM Vong She Veather C Temper a 30.7 29.3 30.4 27.1 23.5 30.3 25.7	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3 30.3 25.6	Lau Wa Sunny Dissolve a 7.20 6.90 8.22 6.70 2.31 7.83 6.48	Calibrati n Public d Oxyge b 7.20 6.89 8.22 6.71 2.41 7.86 6.47	on Check: Piers n, mg/L Average 7.20 6.90 7.46 2.36 7.16 2.90	a 112.1 105.6 127.7 100.9 34.6 121.5 98.6	35.5 Client: Ambieu d Oxygeu b 112.5 105.2 127.7 101.6 34.7 121.6 98.7	ppt Kin Shing nt Temper n, % Average 112.3 105.4 114.5 34.7 110.1 41.0	Salinity, a 28.1 29.2 28.3 31.3 34.3 28.3 32.6	ppt b 28.1 29.2 28.3 31.3 34.2 28.3 32.6	33 Turbidity a 1.03 1.72 1.41 1.62 2.12 0.88 1.42	NTU b 1.06 1.75 1.42 1.63 2.15 0.91 1.41	Date: Job No.: Tide State: 1.39 1.73	J429 Mid-Ebb Suspend 10 10 10 11 13 15 13	21/7/200 Jed Solici 9 10 10 12 15 13	s, mg/L Depth Average 10 13	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 15:23 15:25 15:25 15:07 15:10 15:12 15:13 15:15 15:17 15:28	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	or: 02 Recons Overall Depth, m 4 8		EM EM Vong She /eather C Tempers a 30.7 29.3 30.4 27.1 23.5 30.3 25.7 23.4	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3 30.4 27.0 23.3 30.3 25.6 23.0	Lau Wa Sunny Dissolve a 7.20 6.90 8.22 6.70 2.31 7.83 6.48 2.89	Calibrati n Public d Oxygen b 7.20 6.89 8.22 6.71 2.41 7.86 6.47 2.90	on Check: Piers Average 7.20 6.90 7.46 2.36 7.16	a 112.1 105.6 127.7 100.9 34.6 121.5 98.6 41.0	35.5 Client: Ambien d Oxygen b 112.5 105.2 127.7 101.6 34.7 121.6 98.7 40.9	ppt <u>Kin Shing</u> nt Temper <u>n, %</u> Average 112.3 105.4 114.5 34.7 110.1	ature,°C: Salinity, 28.1 29.2 28.3 31.3 34.3 28.3 32.6 34.6	ppt b 28.1 29.2 28.3 31.3 34.2 28.3 32.6 34.6	33 Turbidity a 1.03 1.72 1.41 1.62 2.12 0.88 1.42 2.65	, NTU b 1.06 1.75 1.42 1.63 2.15 0.91 1.41 2.64	Date: Job No.: Tide State: 1.39 1.73	J429 Mid-Ebb Suspend 10 10 11 13 15 13 9	21/7/200 Jed Solico 9 10 10 12 15 13 10	s, mg/L Depth Average 10 13	Remarks
Date of station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW1 B CW2 S CW2 S	Sampling: Time 15:23 15:25 15:25 15:07 15:10 15:12 15:13 15:15 15:17 15:28	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons 02 Recons 0 Verall Depth, m 4 4 8 10		EM EM Vong She /eather C Tempers a 30.7 29.3 30.4 27.1 23.5 30.3 25.7 23.4	6167 6167 ek and Ko ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3 30.4 27.0 23.3 30.3 25.6 23.0	Lau Wa Sunny Dissolve a 7.20 6.90 8.22 6.70 2.31 7.83 6.48 2.89	Calibrati n Public d Oxygen b 7.20 6.89 8.22 6.71 2.41 7.86 6.47 2.90	on Check: Piers n, mg/L Average 7.20 6.90 7.46 2.36 7.16 2.90	a 112.1 105.6 127.7 100.9 34.6 121.5 98.6 41.0	35.5 Client: Ambien d Oxygen b 112.5 105.2 127.7 101.6 34.7 121.6 98.7 40.9	ppt Kin Shing nt Temper n, % Average 112.3 105.4 114.5 34.7 110.1 41.0	ature,°C: Salinity, 28.1 29.2 28.3 31.3 34.3 28.3 32.6 34.6	ppt b 28.1 29.2 28.3 31.3 34.2 28.3 32.6 34.6	33 Turbidity a 1.03 1.72 1.41 1.62 2.12 0.88 1.42 2.65	, NTU b 1.06 1.75 1.42 1.63 2.15 0.91 1.41 2.64	Date: Job No.: Tide State: 1.39 1.73 1.65	J429 Mid-Ebb Suspend 10 10 11 13 15 13 9 9 13	21/7/200 Jed Solic 9 10 10 12 15 13 10 11	is, mg/L Depth Average 10 13	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	Sampling: Time 15:23 15:25 15:07 15:10 15:12 15:13 15:15 15:17 15:28 15:28 15:30	Salinity Mete Thermomete No. CV/2004/ : 14/7/2005 Sea	er: 02 Recons Overall Depth, m 4 8 10 4	W Sampling Depth,m 1 3 1 3.5 7 1 4.5 9 1 3	EM EM Vong She /eather C Tempera a 30.7 29.3 30.4 27.1 23.5 30.4 27.1 23.5 30.3 25.7 23.4 30.8	6167 6167 ek and Kc ondition: ature, °C b 30.7 29.3 30.4 27.0 23.3 30.4 27.0 23.3 30.3 25.6 23.0 30.8	Lau Wa Sunny Dissolve a 7.20 6.90 8.22 6.70 2.31 7.83 6.48 2.89 7.05 6.01	Calibrati n Public b 7.20 6.89 8.22 6.71 2.41 7.86 6.47 2.90 7.05 5.57	on Check: Piers n, mg/L Average 7.20 6.90 2.36 2.36 7.16 2.90 7.05	a 112.1 105.6 127.7 100.9 34.6 121.5 98.6 41.0 110.2 92.7	35.5 Client: Ambiel d Oxyger b 112.5 105.2 127.7 101.6 34.7 121.6 98.7 40.9 110.1	ppt <u>Kin Shing</u> nt Tempera <u>n, %</u> Average 112.3 105.4 114.5 34.7 110.1 41.0 110.2 88.8	ature,°C: Salinity, 28.1 29.2 28.3 31.3 34.3 28.3 32.6 34.6 28.0	ppt b 28.1 29.2 28.3 31.3 34.2 28.3 32.6 34.6 28.1	33 Turbidity a 1.03 1.72 1.41 1.62 2.12 0.88 1.42 2.65 1.42	, NTU b 1.06 1.75 1.42 1.63 2.15 0.91 1.41 2.64 1.44	Date: Job No.: Tide State: 1.39 1.73 1.65	J429 Mid-Ebb Suspend 10 10 11 13 9 13 10 13 10	21/7/200 Jed Solic 9 10 10 12 15 13 13 10 11 9 13	is, mg/L Depth Average 10 13	Remarks

Equipment used.	Dissolved Oxygen Meter.		0107	Calibration Check.	100	100 %.	Sampleu By.	Chow Kin Polig
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.5	ppt	Date:	21/7/2005
	Thermometer:	EM	6167					

	Contract	No. CV/2004/	02 Recons	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:	16/7/2005		w	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,⁰C:	32		r	ide State:	Mid-Floo	od	-	
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	ed Oxyge	n, mg/L	Dissolve	d Oxyge	n, %	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	14:15	-		1	30.7	30.7	7.80	7.81	7.71	122.3	122.2	120.8	28.2	28.1	1.01	0.99		10	10		
MW1 M	14:17	-	5	2	30.2	30.2	7.61	7.60		119.4	119.1		28.1	28.1	1.03	1.04	1.05	8	9	9	
MW1 B	14:20		I	4	29.6	29.6	7.24	7.23	7.24	112.2	111.3	111.8	28.8	28.9	1.10	1.10		10	8	I	
MW2 S	14:30	-		1	30.5	30.5	6.78	6.77	6.68	105.6	105.4	103.9	28.3	28.3	0.97	0.99		15	14	-	
MW2 M	14:32		10	4.5	29.6	29.6	6.58	6.57		102.2	102.2		29.1	29.1	1.21	1.25	1.22	12	14	13	
MW2 B	14:34			9	24.4	24.4	4.88	4.87	4.88	74.6	74.7	74.7	31.7	31.7	1.45	1.46		11	9		
CW1 S	14:23	-		1	30.7	30.7	6.99	6.98	6.97	109.2	109.1	108.8	28.2	28.2	1.03	1.05		12	13	-	
CW1 M	14:25	-	5	2	30.5	30.5	6.95	6.94		108.4	108.3		28.2	28.2	1.10	1.13	1.11	9	9	11	
CW1 B	14:27			4	30.0	30.0	6.90	6.89	6.90	107.7	107.5	107.6	28.2	28.2	1.17	1.20		9	11		
CW2 S	14:35	-		1	30.3	30.2	6.61	6.70	6.15	99.0	99.8	92.7	28.4	28.4	0.84	0.86		11	11	-	
CW2 M	14:36	-	11	5	28.9	28.1	5.69	5.61		86.0	85.9		30.8	30.7	1.21	1.25	1.25	13	12	11	
CW2 B	14:40			10	24.1	24.1	3.91	3.91	3.91	62.2	62.2	62.2	34.3	34.3	1.65	1.68		8	9		
Equipmer	t used:	Dissolved O	xygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled I	By:	Chow K	in Pong	
	-																			5	-
		Turbidity Me	ter:		EM	2365		Calibrati	on Check:		9.8	NTU					Checked I	By:	Raymor	nd Dai	
		-				2365 6167					9.8 34							-			-
		Salinity Mete	er:		EM EM	2365 6167 6167			on Check: on Check:		9.8 34						Checked I	-	Raymon 23/7/200		-
		Salinity Mete	er:		EM	6167												-			-
Project:	Contract	Salinity Mete	er: er:		EM	6167 6167		Calibrati	on Check:		34		Construc	tion Co.,	Ltd.						-
		Salinity Mete	er: er: 02 Recons	truction of W	EM EM /ong She	6167 6167 ek and Ko ondition:	Lau Wa	Calibrati n Public	on Check: Piers		34 Client:	ppt					Date:	J429	23/7/200		-
Date of		Salinity Mete Thermomete No. CV/2004/	er: 02 Recons	truction of W	EM EM /ong She	6167 6167 ek and Ko	Lau Wa	Calibrati	on Check: Piers	Dissolve	34 Client: Ambier d Oxyger	ppt Kin Shing nt Tempera		32 ppt	Turbidity	, NTU	Date: Job No.: ide State:	J429 Mid-Ebb	23/7/200	05 - Is, mg/L	Remarks
Date of Station	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	er: 02 Recons	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers	Dissolve	34 Client: Ambieu d Oxygeu b	ppt <u>Kin Shing</u> nt Tempera	ature,°C: Salinity, a	32 ppt b	Turbidity a	ז , NTU b	Date: Job No.:	J429 Mid-Ebb Suspenc	23/7/200	-	Remarks
Date of	Sampling:	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	er: 02 Recons	truction of W	EM EM /ong She reather C Tempera	6167 6167 ek and Kc ondition: ature, °C	Lau Wa Sunny Dissolve	Calibrati	on Check: Piers	Dissolve	34 Client: Ambier d Oxyger	ppt Kin Shing nt Tempera	ature,°C: Salinity,	32 ppt	Turbidity	, NTU	Date: Job No.: ide State:	J429 Mid-Ebb	23/7/200	05 - Is, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b 28.6	Lau Wa Sunny Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers n, mg/L Average	Dissolve	34 Client: Ambieu d Oxygeu b	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,°C: Salinity, a	32 ppt b	Turbidity a	ז , NTU b	Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspenc	23/7/200	ls, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 8:55	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m	EM EM /ong She eather C Tempera a 28.7	6167 6167 ek and Ko ondition: ature, °C b 28.6	Lau Wa Sunny Dissolve a 7.30	Calibrati	n, mg/L Average	Dissolve a 114.0	34 Client: Ambien b 113.9	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,°C: Salinity, a 28.7	32 ppt b 28.7	Turbidity a 0.90	٦ <u>, NTU</u> b 0.88	Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspend	23/7/200	ls, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 8:55 8:56	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m	truction of W W Sampling Depth,m 1 3	EM EM /ong She eather C Tempera a 28.7 28.5	6167 6167 ek and Ko ondition: ature, °C b 28.6 28.5	Dissolve a 7.30	Calibrati n Public d Oxyge b 7.29 7.25	n, mg/L Average	Dissolve a 114.0 113.1	34 Client: Ambieu b 113.9 113.0	ppt <u>Kin Shing</u> nt Tempera n, % Average	Salinity, a 28.7 30.0	32 ppt b 28.7 30.0	Turbidity a 0.90 0.92	, NTU b 0.88 0.93	Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspenc 21 10	23/7/200 	ls, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 8:55 8:56 9:02	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1	EM EM /ong She reather C Tempera a 28.7 28.5 28.5	6167 6167 ek and Ko ondition: ature, °C b 28.6 28.5 28.5	Dissolve a 7.30 7.24 6.02	Calibrati n Public d Oxyge b 7.29 7.25 6.03	n, mg/L Average 7.30 7.25	Dissolve a 114.0 113.1 92.3	34 Client: Ambieu d Oxygen b 113.9 113.0 92.4	kin Shing nt Tempera n, % Average 114.0 113.1	ature, °C: Salinity, a 28.7 30.0 28.5	32 ppt 28.7 30.0 28.6	Turbidity a 0.90 0.92 1.02	, NTU b 0.88 0.93 1.03	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspend 21 10 7	23/7/200 ded Solid 22 11 6	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 8:55 8:56 9:02 9:04	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4	EM EM /ong She eather C Tempera a 28.7 28.5 28.5 28.5 26.5	6167 6167 ek and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 26.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85	Calibrati n Public b 7.29 7.25 6.03 5.84	on Check: Piers n, mg/L Average 7.30 7.25 5.94	Dissolve a 114.0 113.1 92.3 87.7	34 Client: Ambiei b 113.9 113.0 92.4 87.6	ppt <u>Kin Shing</u> nt Tempera n, % Average 114.0 113.1 90.0	Salinity, a 28.7 30.0 28.5 29.3	32 ppt b 28.7 30.0 28.6 29.3	Turbidity a 0.90 0.92 1.02 1.34	, NTU b 0.88 0.93 1.03 1.35	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspenc 21 10 7 8	23/7/200 	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 8:55 8:56 9:02 9:04 9:04 9:08	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4 8	EM EM /ong She eather C Tempera a 28.7 28.5 28.5 28.5 28.5 28.5 24.3	6167 6167 6k and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 28.5 28.5 28.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85 4.25	Calibrati n Public b 7.29 7.25 6.03 5.84 4.24	on Check: Piers n, mg/L Average 7.30 7.25 5.94	Dissolve a 114.0 113.1 92.3 87.7 64.4	34 Client: Ambiel b 1113.9 1113.0 92.4 87.6 64.3	ppt <u>Kin Shing</u> nt Tempera n, % Average 114.0 113.1 90.0	ature, °C: Salinity, a 28.7 30.0 28.5 29.3 33.8	32 ppt b 28.7 30.0 28.6 29.3 33.8	Turbidity 0.90 0.92 1.02 1.34 1.36	, NTU b 0.88 0.93 1.03 1.35 1.39	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspenc 21 10 7 8 17	23/7/200 	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 8:55 8:56 9:02 9:04 9:04 9:08	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8	EM EM /ong She eather C Tempera a 28.7 28.5 28.5 28.5 28.5 28.5 24.3	6167 6167 6k and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 28.5 28.5 28.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85 4.25	Calibrati n Public b 7.29 7.25 6.03 5.84 4.24	on Check: Piers Average 7.30 7.25 5.94 4.25	Dissolve a 114.0 113.1 92.3 87.7 64.4	34 Client: Ambiel b 1113.9 1113.0 92.4 87.6 64.3	ppt <u>Kin Shing</u> nt Tempera Average 114.0 113.1 90.0 64.4	ature, °C: Salinity, a 28.7 30.0 28.5 29.3 33.8	32 ppt b 28.7 30.0 28.6 29.3 33.8	Turbidity 0.90 0.92 1.02 1.34 1.36	, NTU b 0.88 0.93 1.03 1.35 1.39	Date: Job No.: ide State: 0.91 1.25	J429 Mid-Ebb Suspenc 21 10 7 8 17	23/7/200 	os is, mg/L Depth Average 16 10	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M	Sampling: Time 8:55 8:56 9:02 9:04 9:04 9:08 8:59	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8 1 1	EM EM /ong She eather C Tempera a 28.7 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	6167 6167 6k and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85 4.25 6.88	Calibrati n Public b 7.29 7.25 6.03 5.84 4.24 6.86	on Check: Piers Average 7.30 7.25 5.94 4.25 6.87	Dissolve a 114.0 113.1 92.3 87.7 64.4 107.3	34 Client: Ambiel b 1113.9 92.4 87.6 64.3 107.2	ppt <u>Kin Shing</u> nt Tempera <u>n, %</u> Average 114.0 113.1 90.0 64.4 107.3	ature, °C: Salinity, a 28.7 30.0 28.5 29.3 33.8 28.2	32 ppt b 28.7 30.0 28.6 29.3 33.8 28.2	Turbidity a 0.90 1.02 1.34 1.36 1.21	NTU b 0.88 0.93 1.03 1.35 1.39 1.19	Date: Job No.: ide State: 0.91 1.25	J429 Mid-Ebb Suspenc 21 10 7 8 17 15	23/7/200 jed Solici 22 11 6 9 15 16	os is, mg/L Depth Average 16 10	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Sampling: Time 8:55 8:56 9:02 9:04 9:08 8:59 9:01	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4 8 1 1 3	EM EM /ong She eather C Tempera a 28.7 28.5 28.5 28.5 28.5 24.3 28.9 28.9 28.6	6167 6167 6k and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85 4.25 6.88 6.88	Calibrati n Public d Oxyge b 7.29 7.25 6.03 5.84 4.24 6.86 6.86	on Check: Piers Average 7.30 7.25 5.94 4.25 6.87	Dissolve a 1114.0 1113.1 92.3 87.7 64.4 107.3 107.2	34 Client: Ambiei b 1113.9 1113.0 92.4 87.6 64.3 107.2 107.1	ppt <u>Kin Shing</u> nt Tempera <u>n, %</u> Average 114.0 113.1 90.0 64.4 107.3	ature, °C: Salinity, a 28.7 30.0 28.5 29.3 33.8 28.2 28.2 28.3	32 ppt b 28.7 30.0 28.6 29.3 33.8 28.2 28.2	Turbidity a 0.90 0.92 1.02 1.34 1.36 1.21	NTU b 0.88 0.93 1.03 1.35 1.39 1.19 1.33	Date: Job No.: ide State: 0.91 1.25	J429 Mid-Ebb Suspence 21 10 7 8 17 15 12	22/7/200 Jeed Solico 22 11 6 9 15 16 10	os is, mg/L Depth Average 16 10	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S	Sampling: Time 8:55 8:56 9:02 9:04 9:04 8:59 9:01 9:01 9:01	Salinity Mete Thermomete No. CV/2004/ 16/7/2005	r: 02 Recons Overall Depth, m 4 9 9	truction of W W Sampling Depth,m 1 3 1 4 8 1 3 1 3 1	EM EM /ong She eather C Tempera a 28.7 28.5 28.6 28.4	6167 6167 ek and Ko ondition: ature, °C b 28.6 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	Lau Wa Sunny Dissolve a 7.30 7.24 6.02 5.85 4.25 6.88 6.83 6.54	Calibrati n Public d Oxyge b 7.29 7.25 6.03 5.84 4.24 6.86 6.80 6.53	on Check: Piers n, mg/L Average 7.30 7.25 5.94 4.25 6.87 6.82	Dissolve a 1114.0 1113.1 92.3 87.7 64.4 107.3 1007.2 101.7	34 Client: Ambieu b 1113.9 92.4 87.6 64.3 107.2 107.1 103.2	ppt <u>Kin Shing</u> nt Tempera n, % Average 114.0 113.1 90.0 64.4 107.3 107.2	ature, °C: Salinity, a 28.7 30.0 28.5 29.3 33.8 28.2 28.3 28.3	32 ppt b 28.7 30.0 28.6 29.3 33.8 28.2 28.3 28.3	Turbidity a 0.90 0.92 1.02 1.34 1.21 1.34 0.99	NTU b 0.88 0.93 1.03 1.35 1.19 1.33 0.97	Date: Job No.: ide State: 0.91 1.25 1.27	J429 Mid-Ebb Suspenc 21 10 7 8 10 7 8 17 15 12 12 16	23/7/200 3ed Solic 22 11 6 9 15 16 10 14	is, mg/L Depth Average 16 10 13	Remarks

 EM
 2365
 Calibration Check:
 9.8
 NTU

 EM
 6167
 Calibration Check:
 34
 ppt
 Raymond Dai Turbidity Meter: Checked By: 34 ppt Date: Salinity Meter: 23/7/2005 EM 6167

Thermometer:

Name Image Mathe Mathe Mathe Math	Project:	Contract	No. CV/2004/	02 Reconst	truction of W	/ong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.	, Ltd.		Job No.:	J429			
Name Cardetion Operation	Date of	Sampling:	18/7/2005		w	eather C	ondition:	Sunny			•	Ambie	nt Tempera	ature,°C:	32			Tide State:	Mid-Floo	bd		
Name Cardetion Operation	:		-	0 "					10													
Mrti i 0 <td>Station</td> <td>Time</td> <td></td> <td><u> </u></td> <td></td> <td></td> <td>Average</td> <td>Suspend</td> <td>dea 5011a</td> <td>Depth</td> <td>Remarks</td>	Station	Time													<u> </u>			Average	Suspend	dea 5011a	Depth	Remarks
Mini in dataInterminence of the second stateInterminence of the second stateWith the second stateInterminence of the second stateWith the second stateInterminence of the second stateInterminence of the second stateInterminence of the second stateInte	MW1 S	16:25			1	28.1	28.1	5.22	5.24	5.00	79.3	79.7	70.0	30.7	30.7	1.20	1.22		11	11		
	MW1 M	16:27		6	2.5	27.6	27.6	5.23	5.19	5.22	78.5	78.5	79.0	30.9	30.7	1.74	1.71	1.43	7	9	9	
MAX INS I	MW1 B	16:30			5	25.1	25.1	5.01	5.02	5.02	63.4	63.2	63.3	33.6	33.5	1.36	1.34		9	9		
Markar i no. and the sector of the secto	MW2 S	16:33			1	28.0	28.0	5.23	5.25	4.20	78.1	78.3	62.4	30.4	30.4	1.83	1.85		12	11		
NY 8 8 1 1 27.7 7.8 5 6.0 70	MW2M	16:35		10	4	24.4	24.4	3.16	3.15		46.6	46.4		33.6	33.3	1.36	1.39	1.71	10	12	11	
Min	MW2 B	16:37			9	22.6	22.6	1.20	1.19	1.20	16.5	16.3	16.4	34.4	34.4	1.89	1.92		10	9		
NM N	CW1 S	16:02			1	27.7	27.8	5.18	5.20	E 00	79.3	78.9	76.4	30.8	30.8	1.47	1.48		11	10		
No. 1 1 2 7 7 1 1 2 7 7 1 <td>CW1 M</td> <td>16:15</td> <td></td> <td>5</td> <td>2</td> <td>26.5</td> <td>26.5</td> <td>4.82</td> <td>4.79</td> <td>5.00</td> <td>73.2</td> <td>73.0</td> <td>76.1</td> <td>31.2</td> <td>31.1</td> <td>1.55</td> <td>1.53</td> <td>1.56</td> <td>10</td> <td>11</td> <td>11</td> <td></td>	CW1 M	16:15		5	2	26.5	26.5	4.82	4.79	5.00	73.2	73.0	76.1	31.2	31.1	1.55	1.53	1.56	10	11	11	
NM 64 I 1 5 27 23 43 42 62 62 64 71 10 10 1 10<	CW1 B	16:23			4	26.0	25.9	4.21	4.22	4.22	63.5	63.4	63.5	32.9	32.9	1.66	1.64		12	10		
NMALE Int Int <t< td=""><td>CW2 S</td><td>16:40</td><td></td><td></td><td>1</td><td>27.7</td><td>27.8</td><td>5.30</td><td>5.31</td><td>4 92</td><td>79.7</td><td>80.0</td><td>71 5</td><td>30.7</td><td>30.7</td><td>1.26</td><td>1.30</td><td></td><td>4</td><td>5</td><td></td><td> </td></t<>	CW2 S	16:40			1	27.7	27.8	5.30	5.31	4 92	79.7	80.0	71 5	30.7	30.7	1.26	1.30		4	5		
pupinent used: Dissolved Oxygen Meter: EM 6167 Calibration Check: 100 100%: Sampled By: Checked By: Raymond Dai Balinity Meter: EM 2365 Calibration Check: 9.0 NTU Checked By: Raymond Dai Satinity Meter: EM 6167 Calibration Check: 35.5 pt Date: 257/2005 Thermoreter: EM 6167 Calibration Check: 35.5 pt Date: 257/2005 view: Contract No. CV/200402 Reconstruction of Wong Shek and No Law Wan Public Pars: Clerc: Kin Shing Construction Co., Lit. Jobs No: Juspendad Solits, mpl. view: Contract No. CV/200402 Reconstruction of Wong Shek and No Law Wan Public Pars: Clerc: Kin Shing Construction Co., Lit. Jobs No: Juspendad Solits, mpl. view: Contract No. CV/200402 Reconstruction of Wong No No Sungent No No No Viewing No No No Viewing No No No Juspendad Solits, mpl. Nom No view: Condition Depth, m Temporature, To Bisolved Oxygen, Meter Yewing No Solit Ai Ai Ai 1.20 1.4 13 1 N	CW2 M	16:41		11	5	25.7	25.8	4.53	4.55		62.7	63.4	. 1.0	32.0	32.0	1.40	1.39	1.51	11	13	10	
Turbidity Meter: EM 2305 Calibration Check: 9 9 NTU Checked By: Raymond Dail Salinity Meter: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Themometer: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Themometer: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Origit: Contract No. CV/200402 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Checket By: Anbient Temperature, *C 32 The Share: Mob # Ebb Date of Sampling: 1372205 Weather Condition: Sumy Ambient Temperature, *C 30.5 30.5 17.4 17.5 14 13 1 Mit 1 9.38 A 5 77.5 57.5 57.6 7.6 78.6 78.6 30.6 30.5 1.4 1.4 1.3 1 1 1 Mit 1 9.39 5 1 2.6 2.6 5.16 5.16 5.17 78.6 78.6 78.6 30.6 30.6 1.62	CW2 B	16:43			10	22.9	22.9	2.70	2.71	2.71	40.6	40.7	40.7	34.4	34.4	1.87	1.85		11	13		
Turbidity Meter: EM 2305 Calibration Check: 9 9 NTU Checked By: Raymond Dail Salinity Meter: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Themometer: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Themometer: EM 6167 Calibration Check: 35.5 pt Date: 2577205 Origit: Contract No. CV/200402 Reconstruction of Wong Shek and Ko Lau Wan Public Piers Checket By: Anbient Temperature, *C 32 The Share: Mob # Ebb Date of Sampling: 1372205 Weather Condition: Sumy Ambient Temperature, *C 30.5 30.5 17.4 17.5 14 13 1 Mit 1 9.38 A 5 77.5 57.5 57.6 7.6 78.6 78.6 30.6 30.5 1.4 1.4 1.3 1 1 1 Mit 1 9.39 5 1 2.6 2.6 5.16 5.16 5.17 78.6 78.6 78.6 30.6 30.6 1.62																			_			
Ballinity Meter: EM 6167 Calibration Check: 35.5 pt Date: 247/2005 Thermometer: EM 6167 Calibration Check: 35.5 pt Date: 247/2005 Totermometer: EM 6167 Calibration Check: 35.5 pt Date: 247/2005 Totermometer: EM 6167 Calibration Check: Calibration Check: Date: 247/2005 Toter Check V2004/02 Reconstruction of Wong Shek and Ko Lau Wan Public Piers: Calibration Check: Calibration Check: Date: 14.2 Date of Sampling: 187/2005 Wether Condition: Sumy Calibration Check: Calibration Check: Calibration Check: Calibration Check: Calibration Check: Calibration Check: Date: 14.2 Null 9.396 Tote State: Mathematic State Tote State: Check: State: State:<	=quipmei	nt used:											-									-
Image: Image												9.9	NTU						-			-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			Salinity Mete	r:		EM	6167		Calibrati	on Check:		35.5	ppt					Date:		25/7/200	05	-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			Thermomete	r:		EM	6167															
Image: Sea Condition Overall Condition Overall Condition Sampling Depth, m Temperature, ¹ C Dissolved Oxyser, mg/L Dissolved Oxyser, mg/L Dissolved Oxyser, mg/L Dissolved Oxyser, mg/L Subplicity, NTU Suspende Solution, mg/L Suspende Solution, mg/L Remarks MV1 5 9.36 A 1 28.0 5.18 5.16 5.17 78.0 78.0 78.0 30.6 30.6 1.38 1.40 1.4 1.3 Average 1.52 1.40 1.41 1.3 1.1	Project:	Contract	No. CV/2004/	02 Reconst	truction of W	/ong She	ek and Ko	Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.	, Ltd.		Job No.:	J429	-		
NV1 S 9.36 Depth Depth 1 28.0 5.18 5.16 5.17 78.0 <th< td=""><td>Date of</td><td>Sampling:</td><td>18/7/2005</td><td></td><td>w</td><td>eather C</td><td>ondition:</td><td>Sunny</td><td></td><td></td><td></td><td>Ambie</td><td>nt Temper</td><td>ature,⁰C:</td><td>32</td><td></td><td>-</td><td>Tide State:</td><td>Mid-Ebb</td><td>1</td><td>-</td><td></td></th<>	Date of	Sampling:	18/7/2005		w	eather C	ondition:	Sunny				Ambie	nt Temper	ature,⁰C:	32		-	Tide State:	Mid-Ebb	1	-	
MM 5 9.36 M S M M S M M S M M M M M M M M M M S M<	Station	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	ed Oxyge	n, mg/L	Dissolve	ed Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU	-	Suspend	ded Solid	ls, mg/L	Remarks
M1 9:39 N </td <td></td> <td></td> <td>Condition</td> <td>Depth, m</td> <td>Depth,m</td> <td>а</td> <td>b</td> <td>а</td> <td>b</td> <td>Average</td> <td>а</td> <td>b</td> <td>Average</td> <td>а</td> <td>b</td> <td>а</td> <td>b</td> <td>Average</td> <td></td> <td></td> <td>-</td> <td></td>			Condition	Depth, m	Depth,m	а	b	а	b	Average	а	b	Average	а	b	а	b	Average			-	
MMI 9.39 M 5 2 27.5 27.5 5.15 5.16 7.80 78.9 79.0 50.0 30.6 30.6 1.38 1.40 1.52 10 11 11 MV1 B 9.42 9.42 4 26.0 26.0 4.15 4.16 61.6 61.6 61.6 32.3 32.1 1.40 1.44 1.52 10 11 11 MV2 B 9.42 9.42 9.42 11 28.3 27.6 5.76 <td>MW1 S</td> <td>9:36</td> <td></td> <td></td> <td>1</td> <td>28.0</td> <td>28.0</td> <td>5.18</td> <td>5.16</td> <td>E 17</td> <td>79.0</td> <td>78.6</td> <td>78.0</td> <td>30.5</td> <td>30.5</td> <td>1.74</td> <td>1.75</td> <td></td> <td>14</td> <td>13</td> <td></td> <td></td>	MW1 S	9:36			1	28.0	28.0	5.18	5.16	E 17	79.0	78.6	78.0	30.5	30.5	1.74	1.75		14	13		
MV2 S 9:20 MV 1 28.3 28.3 5.76 5.76 7.76 87.5 7.78 30.4 30.4 1.75 1.74 1.06 10 12 10 12 10	MW1 M	9:39		5	2	27.5	27.5	5.15	5.18	5.17	78.9	79.0	78.9	30.6	30.6	1.38	1.40	1.52	10	11	11	
MV2 H 9:24 9:27 4 24.5 24.5 3.75 3.77 4.76 56.2 56.0 71.8 3.3.4 3.3.4 1.22 1.00 1.66 10 10 MV2 H 9:27 9:27 4 24.5 24.6 1.42 1.40 1.41 19.7 20.0 19.9 34.4 34.4 2.01 2.04 1.66 9 10 WU1 S 9:44 9:27 1 28.5 28.5 5.33 5.34 5.34 7.3 81.0 80.7 9.30 3.4.4 3.4.4 2.01 2.04 9.30 1.07 1.66 9 10 WU1 M 7 9.44 7 7.3 81.0 80.7 81.0 80.7 80.9 80.9 10 107 1.77 1.72 1.07 1.07 1.0 10 WU1 M 9.46 9.46 9.46 9.45 <th< td=""><td>MW1 B</td><td>9:42</td><td>1</td><td></td><td>4</td><td>26.0</td><td>26.0</td><td>4.15</td><td>4.16</td><td>4.16</td><td>61.6</td><td>61.5</td><td>61.6</td><td>32.3</td><td>32.1</td><td>1.40</td><td>1.44</td><td>1</td><td>8</td><td>8</td><td></td><td></td></th<>	MW1 B	9:42	1		4	26.0	26.0	4.15	4.16	4.16	61.6	61.5	61.6	32.3	32.1	1.40	1.44	1	8	8		
MM2 M 9:24 9 4 24.5 24.5 3.75 3.77 56.2 56.0 33.4 33.4 1.22 1.60 1.0 1.0 1.0 1.0 MM2 B 9:27 8 22.6 22.6 1.42 1.40 1.41 19.7 20.0 19.9 34.4 34.4 2.01 2.04 1.0 10	MW2 S	9:20			1	28.3	28.3	5.76	5.76	4 ==	87.5	87.5		30.4	30.4	1.75	1.74		10	12		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	MW2 M	9:24	1	9	4	24.5	24.5	3.75	3.77	4.76	56.2	56.0	71.8	33.4	33.4	1.22	1.20	1.66	10	10	10	
M I A A I	MW2 B	9:27	1		8	22.6	22.6	1.42	1.40	1.41	19.7	20.0	19.9	34.4	34.4	2.01	2.04		9	10		
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	CW1 S	9:44			1	28.5	28.5	5.33	5.34	5 34	81.0	80.7	80.0	30.2	30.2	1.77	1.72		10	10		
W2 B 9:30 9:32 1 28.6 28.6 5.52 5.53 4.57 52.7 52.5 66.1 33.9 33.9 1.53 1.52 1.67 10 11 13 W2 B 9:34 9:34 9:34 9:34 1 28.8 1.71 1.31 1.51 26.1 25.9 26.0 34.3 34.2 2.21 2.23 1.67 10 11 13	CW1 M			4						0.04			00.9					1.77			10	
W2 M 9:32 10 4.5 24.1 24.0 3.61 3.63 4.57 52.7 52.5 68.1 33.9 33.9 1.53 1.57 10 11 13 W2 M 9:34 9:34 9:34 9:34 1.57 1.51 1.51 26.1 25.9 26.0 34.3 34.2 2.21 2.23 2.3 21	CW1 B	9:46			3	27.5	27.5	5.20	5.18	5.19	79.5	79.8	79.7	31.1	31.1	1.78	1.80		11	10		
W2 M 9:32 10 4.5 24.1 24.0 3.61 3.63 52.7 52.5 33.9 33.9 1.53 1.67 10 11 13 W2 B 9:34 9 22.8 22.8 1.71 1.31 1.51 26.1 25.9 26.0 34.3 34.2 2.21 2.23 23 21 23 21	CW2 S	9:30			1	28.6	28.6	5.52	5.53	4.55	83.5	83.6	00.4	30.0	30.0	1.28	1.26		6	6		
	CW2 M	9:32	1	10	4.5	24.1	24.0	3.61	3.63	4.57	52.7	52.5	68.1	33.9	33.9	1.53	1.52	1.67	10	11	13	
juipment used: Dissolved Oxygen Meter: <u>EM 6167</u> Calibration Check: <u>100</u> 100%: Sampled By: <u>Chow Kin Pong</u>		1	1		0	22.8	22.8	1.71	1.31	1.51	26.1	25.9	26.0	34.3	34.2	2.21	2.23	1	23	21	1	
guipment used: Dissolved Oxygen Meter: <u>EM 6167</u> Calibration Check: <u>100</u> 100%: Sampled By: <u>Chow Kin Pong</u>	CW2 B	9:34			9	22.0					20.1	20.0		01.0	-							
	CW2 B	9:34			3	22.0					20.1	20.0		0 110								<u> </u>

 EM
 2365
 Calibration Check:
 9.9
 NTU

 EM
 6167
 Calibration Check:
 35.5
 ppt
 Turbidity Meter: Checked By: Raymond Dai 35.5 ppt Date: Salinity Meter: 25/7/2005 EM 6167

Thermometer:

	Contract	No. CV/2004/	2 Pocone	truction of M	long She	k and Ka		n Rublia	Dioro		Client	Kin Shina	Construe	tion Co	1 td		Job No ·	1420			
		No. CV/2004/							Piers			Kin Shing			LIU.		Job No.:		-		
Date of	Sampling:	20/7/2005		. W	eather C	ondition:	Sunny				Ambie	nt Tempera	ature,°C:	34			ide State:	Mid-Floo	bd		
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	d Oxyge b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	s, mg/L Depth Average	Remarks
MW1 S	17:09			1	26.2	25.2	3.87	3.88		56.7	57.0		33.4	33.4	1.70	1.72		15	13		
MW1 M	17:12	-	5	2	24.7	24.8	3.57	3.59	3.73	52.0	52.0	54.4	33.7	33.7	1.92	1.92	1.92	12	13	12	
MW1 B	17:15			4	23.7	23.7	3.24	3.21	3.23	46.6	46.0	46.3	34.1	34.1	2.14	2.12		10	9		
MW2 S	17:25			1	26.7	26.7	3.84	3.84		56.7	56.7		33.2	33.1	2.59	2.60		12	11		
MW2 M	17:27		10	4.5	22.7	22.7	2.72	2.70	3.28	36.6	36.5	46.6	34.5	34.5	1.85	1.82	1.96	10	12	12	
MW2 B	17:30			9	22.1	22.1	1.26	1.27	1.27	18.8	18.9	18.9	34.5	34.6	1.43	1.45		13	11		
CW1 S	17:17			1	26.5	26.5	4.00	4.01		58.8	59.1		33.3	33.3	2.23	2.30		10	13		
CW1 M	17:20		5	2	24.9	24.9	3.85	3.85	3.93	56.2	56.1	57.6	33.6	33.6	1.98	2.02	2.03	11	10	11	
CW1 B	17:23			4	24.5	24.5	3.16	3.14	3.15	45.2	45.0	45.1	33.9	33.9	1.80	1.82		13	10		
CW2 S	17:40			1	26.8	26.8	3.65	3.67	0	54.2	54.0	oc -	33.2	33.2	2.03	2.09		13	13		
CW2 M	17:42	1	11	5	24.4	24.3	1.72	1.76	2.70	24.9	25.6	39.7	34.5	34.5	2.28	2.40	2.20	15	12	12	
CW2 B	17:45			10	22.1	22.1	0.75	0.76	0.76	10.5	10.6	10.6	34.5	34.5	2.17	2.20		8	10		
Equipme	nt used:	Dissolved O	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Chow K	in Pong	
		Turbidity Me	er:		EM	2365		Calibrati	on Check:		9.8	NTU					Chookod	Bv:	Raymon	d Dai	
						2000		canoraa	on oneon.		0.0	NIU					Checked	-,.	<u></u>		-
		Salinity Mete			EM	6167			on Check:		34.5						Date:	_,.	27/7/200		
		Salinity Mete	r:															_,_			-
Project:	Contract	Thermomete	r: r:		EM	6167 6167		Calibrati	on Check:		34.5	ppt	Construc	tion Co.	l td		Date:				-
		Thermomete No. CV/2004/	r: r: 02 Recons	truction of V	EM EM /ong She	6167 6167 ek and Ko	Lau Wa	Calibrati	on Check:		34.5 Client:	ppt Kin Shing					Date: Job No.:	J429	27/7/200		-
Date of	Sampling	Thermomete No. CV/2004/ 20/7/2005	r: 02 Recons	truction of V	EM EM /ong She	6167 6167 ek and Ko ondition:	Lau Wa	Calibrati	on Check: Piers	Disaster	34.5 Client: Ambiel	ppt Kin Shing nt Tempera	ature,°C:	34		1	Date:	J429 Mid-Ebb	27/7/200		-
Date of		Thermomete No. CV/2004/	r: 02 Recons	truction of W	EM EM /ong She	6167 6167 ek and Ko	Lau Wa	Calibrati	on Check: Piers	Dissolve	34.5 Client: Ambier	ppt Kin Shing nt Tempera		34		, NTU	Date: Job No.:	J429 Mid-Ebb	27/7/200	05 s, mg/L Depth	Remarks
Date of	Sampling	Thermometer No. CV/2004/ :	r: 02 Recons	truction of W	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati	on Check: Piers	а	34.5 Client: Ambier d Oxyger b	ppt Kin Shing nt Tempera	ature,⁰C: Salinity, a	34 ppt b	Turbidity a	ז , NTU b	Date: Job No.: Tide State:	J429 Mid-Ebb		05 s, mg/L	Remarks
	Sampling: Time	Thermometer No. CV/2004/ :	r: 02 Recons	truction of V W Sampling Depth,m	EM EM /ong She reather C	6167 6167 ek and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	Calibrati	on Check: Piers		34.5 Client: Ambier	ppt Kin Shing nt Tempera	ature,°C: Salinity,	34 ppt	Turbidity	, NTU	Date: Job No.: Tide State:	J429 Mid-Ebb	27/7/200	05 s, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m	truction of V W Sampling Depth,m	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	Calibrati	on Check: Piers n, mg/L Average	а	34.5 Client: Ambier d Oxyger b	ppt Kin Shing nt Tempera n, % Average	ature,⁰C: Salinity, a	34 ppt b	Turbidity a	ז , NTU b	Date: Job No.: ïde State: Average	J429 Mid-Ebb)5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 10:59	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m	truction of V W Sampling Depth,m	EM EM /ong She eather C Tempera a 28.4	6167 6167 ek and Ko ondition: ature, °C b 28.4	Lau Wa Sunny Dissolve a 3.96	Calibrati	n, mg/L Average	a 60.4	34.5 Client: Ambien b 60.6	ppt Kin Shing nt Tempera n, % Average 60.5	ature,°C: Salinity, a 33.2	34 ppt b 33.2	Turbidity a 1.96	, NTU b 1.98	Date: Job No.: ïde State: Average	J429 Mid-Ebb	27/7/200)5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 10:59 11:03	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m	sampling Depth,m	EM EM /ong She eather C Tempera a 28.4 25.0	6167 6167 ek and Ko ondition: b 28.4 24.9	Lau Wa Sunny Dissolve a 3.96	Calibrati	n, mg/L Average	a 60.4 47.7	34.5 Client: Ambieu b 60.6 48.0	ppt Kin Shing nt Tempera n, % Average 60.5	Salinity, a 33.2 34.0	34 ppt b 33.2 34.0	Turbidity a 1.96 1.68	, NTU b 1.98 1.70	Date: Job No.: ïde State: Average	J429 Mid-Ebb Suspend	27/7/200 ded Solid)5 s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 10:59 11:03 11:10	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4	truction of V W Sampling Depth,m 1 3 1	EM EM /ong She reather C Tempera a 28.4 25.0 26.4	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4	Lau Wa Sunny Dissolve a 3.96 3.32 3.52	Calibrati n Public d Oxyge b 4.00 3.30 3.54	n, mg/L Average 3.98 3.31	a 60.4 47.7 50.5	34.5 Client: Ambien d Oxygen b 60.6 48.0 50.7	ppt Kin Shing nt Tempera n, % Average 60.5	ature, °C: Salinity, a 33.2 34.0 33.4	34 b 33.2 34.0 33.4	Turbidity a 1.96 1.68 2.11	, NTU b 1.98 1.70 2.13	Date: Job No.: īde State: Average	J429 Mid-Ebb Suspend 12 10 12	27/7/200 ded Solid	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 10:59 11:03 11:10 11:14 11:17	Thermometer No. CV/2004/ :	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 28.4 25.0 26.4 22.5 22.2	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2	2 Lau Wa Sunny Dissolve a 3.96 3.32 3.52 2.01 0.85	Calibrati n Public d Oxyge b 4.00 3.30 3.54 2.02 0.96	n, mg/L Average 3.98 3.31 2.77	a 60.4 47.7 50.5 28.5 12.0	34.5 Client: Ambiel b 60.6 48.0 50.7 28.4 11.5	ppt Kin Shing nt Tempera 1, % Average 60.5 47.9	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4	34 ppt b 33.2 34.0 33.4 34.5 34.4	Turbidity a 1.96 1.68 2.11 2.36 2.40	, NTU b 1.98 1.70 2.13 2.38 2.42	Date: Job No.: īde State: Average	J429 Mid-Ebb Suspend 12 10 12 11	27/7/200 ded Solid 11 12 10 13 9	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 10:59 11:03 11:10 11:14	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4 10	truction of V W Sampling Depth,m 1 3 1 4.5 9	EM EM /ong She eather C 7empera a 28.4 25.0 26.4 22.5	6167 6167 ek and Ko ondition: ature, °C b 28.4 28.4 24.9 26.4 22.4	Dissolve a 3.96 3.32 3.52 2.01	Calibrati n Public b 4.00 3.30 3.54 2.02	n, mg/L Average 3.98 3.31 2.77	a 60.4 47.7 50.5 28.5	34.5 Client: Ambiei b 60.6 48.0 50.7 28.4	ppt Kin Shing nt Tempera 1, % Average 60.5 47.9	Salinity, a 33.2 34.0 33.4 34.5	34 ppt b 33.2 34.0 33.4 34.5	Turbidity a 1.96 1.68 2.11 2.36	, NTU b 1.98 1.70 2.13 2.38	Date: Job No.: ide State: 1.83 2.30	J429 Mid-Ebb Suspend 12 10 12 11 12 11 12	27/7/200 ded Solid 11 12 10 13	s, mg/L Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4	truction of V W Sampling Depth,m 1 3 1 4.5 9 1	EM EM /ong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2	2 Lau Wa Sunny Dissolve a 3.96 3.32 3.52 2.01 0.85 3.90	Calibrati n Public d Oxyge b 4.00 3.30 3.54 2.02 0.96 3.86	on Check: Piers n, mg/L Average 3.98 3.31 2.77 0.91 3.88	a 60.4 47.7 50.5 28.5 12.0 55.9	34.5 Client: Ambiel b 60.6 48.0 50.7 28.4 11.5 55.4	ppt Kin Shing nt Tempera Average 60.5 47.9 11.8 55.7	Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4	Turbidity a 1.96 2.11 2.36 2.40 1.82	, NTU b 1.98 1.70 2.13 2.38 2.42 1.85	Date: Job No.: īde State: Average	J429 Mid-Ebb Suspend 12 10 12 11 12 9	27/7/200 ded Solid 11 12 10 13 9 12 12	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 M CW1 M	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05 11:05 11:07	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4 10	truction of V W Sampling Depth,m 1 3 1 4.5 9 1 1 3	EM EM /ong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2 25.2 24.5	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2 24.5	Lau Wa Sunny Dissolve a 3.96 3.32 2.01 0.85 3.90 3.47	Calibrati n Public b 4.00 3.30 3.54 2.02 0.96 3.86 3.86	on Check: Piers Average 3.98 3.31 2.77 0.91	a 60.4 47.7 50.5 28.5 12.0 55.9 50.8	34.5 Client: Ambiei d Oxygei b 60.6 48.0 50.7 28.4 11.5 55.4 55.4	ppt Kin Shing nt Tempera Average 60.5 47.9 11.8	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4 33.4	Turbidity a 1.96 2.11 2.36 2.40 1.82 1.90	NTU b 1.98 1.70 2.13 2.42 1.85 1.92	Date: Job No.: ide State: 1.83 2.30	J429 Mid-Ebb Suspend 12 10 12 11 12 9 14	27/7/200 27/7/200 ded Solid 11 12 10 13 9 12 14	s, mg/L Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05 11:07 11:20	Thermometer No. CV/2004/ :	r: D2 Recons D2 Recons Overall Depth, m 4 10 4	truction of V W Sampling Depth,m 1 3 1 4.5 9 1 1 3 3 1	EM EM /ong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2 24.5 25.6	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2 24.5 25.6	Lau Wa Sunny Dissolve a 3.96 3.32 3.52 2.01 0.85 3.90 3.47 3.82	Calibrati n Public d Oxyge b 4.00 3.30 3.30 3.34 0.96 3.86 3.86 3.87	on Check: Piers n, mg/L Average 3.98 3.31 2.77 0.91 3.88	a 60.4 47.7 50.5 28.5 12.0 55.9 50.8 56.2	34.5 Client: Ambiel b 60.6 48.0 50.7 28.4 11.5 55.4 50.6 50.6	ppt Kin Shing nt Tempera Average 60.5 47.9 11.8 55.7	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.9 33.2	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.4 33.2	Turbidity a 1.96 2.11 2.36 2.40 1.82 1.90 2.47	1.70 2.13 2.38 2.42 1.85 1.92 2.56	Date: Job No.: Tide State: 1.83 2.30 1.87	J429 Mid-Ebb Suspend 12 10 12 11 12 9 14 10	27/7/200 27/7/200 ded Solid 11 12 10 13 9 12 14 11 14 11	s, mg/L Depth Average 11 11 12	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW2 S CW2 M	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05 11:07 11:20 11:24	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4 10	truction of V W Sampling Depth,m 1 3 1 4.5 9 1 1 3 1 5	EM EM vong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2 25.2 25.6 22.4	6167 6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2 24.5 25.6 22.4	Lau Wa Sunny Dissolve a 3.96 3.32 2.01 0.85 3.90 3.47 3.82 2.46	Calibrati n Public d Oxyge b 4.00 3.30 3.54 2.02 0.96 3.86 3.86 3.86 3.87 2.50	on Check: Piers Average 3.98 3.31 2.77 0.91 3.88 3.47 3.16	a 60.4 47.7 50.5 28.5 12.0 55.9 55.9 50.8 56.2 38.6	34.5 Client: Ambiei d Oxygei b 60.6 48.0 50.7 28.4 11.5 55.4 55.4 50.6 56.8 39.0	ppt Kin Shing nt Tempera Average 60.5 47.9 11.8 55.7 50.7	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.2 34.6	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.2 34.6	Turbidity a 1.96 2.11 2.36 2.40 1.82 1.90 2.47 2.00	NTU b 1.98 1.70 2.13 2.38 2.42 1.85 1.92 2.56 2.03	Date: Job No.: ide State: 1.83 2.30	J429 Mid-Ebb Suspend 12 10 12 11 12 9 14 10 13	27/7/200 27/7/200 11 11 12 10 13 9 12 14 11 13	s, mg/L Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW2 M MW2 M MW2 M MW2 M MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05 11:07 11:20	Thermometer No. CV/2004/ :	r: D2 Recons D2 Recons Overall Depth, m 4 10 4	truction of V W Sampling Depth,m 1 3 1 4.5 9 1 1 3 3 1	EM EM /ong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2 24.5 25.6	6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2 24.5 25.6	Lau Wa Sunny Dissolve a 3.96 3.32 3.52 2.01 0.85 3.90 3.47 3.82	Calibrati n Public d Oxyge b 4.00 3.30 3.30 3.34 0.96 3.86 3.86 3.87	on Check: Piers Average 3.98 3.31 2.77 0.91 3.88 3.47	a 60.4 47.7 50.5 28.5 12.0 55.9 50.8 56.2	34.5 Client: Ambiel b 60.6 48.0 50.7 28.4 11.5 55.4 50.6 50.6	ppt Kin Shing nt Tempera Average 60.5 47.9 11.8 55.7	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.9 33.2	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.4 33.2	Turbidity a 1.96 2.11 2.36 2.40 1.82 1.90 2.47	1.70 2.13 2.38 2.42 1.85 1.92 2.56	Date: Job No.: Tide State: 1.83 2.30 1.87	J429 Mid-Ebb Suspend 12 10 12 11 12 9 14 10	27/7/200 27/7/200 ded Solid 11 12 10 13 9 12 14 11 14 11	s, mg/L Depth Average 11 11 12	Remarks
Date of Station MW1 S MW1 M MW1 M MW2 M MW2 M MW2 M MW2 M MW2 M CW1 S CW1 M CW1 B CW1 S CW1 M CW1 B CW2 S CW2 M CW2 S	Sampling: Time 10:59 11:03 11:10 11:14 11:17 11:05 11:07 11:20 11:24 11:27	Thermometer No. CV/2004/ :	r: D2 Recons Overall Depth, m 4 10 4 11	truction of V W Sampling Depth,m 1 3 1 4.5 9 1 1 3 1 5 5 10	EM EM vong She eather C Tempera a 28.4 25.0 26.4 22.5 22.2 25.2 25.2 25.6 22.4	6167 6167 6167 ek and Ko ondition: ature, °C b 28.4 24.9 26.4 22.4 22.2 25.2 24.5 25.6 22.4	Lau Wa Sunny Dissolve a 3.96 3.32 3.52 2.01 0.85 3.90 3.47 3.82 2.46 0.94	Calibrati n Public b 4.00 3.30 3.54 2.02 0.96 3.86 3.86 3.87 2.50 0.96	on Check: Piers Average 3.98 3.31 2.77 0.91 3.88 3.47 3.16	a 60.4 47.7 50.5 28.5 12.0 55.9 55.9 50.8 56.2 38.6	34.5 Client: Ambiei d Oxygei b 60.6 48.0 50.7 28.4 11.5 55.4 55.4 50.6 56.8 39.0	ppt <u>Kin Shing</u> nt Tempera Average 60.5 47.9 11.8 55.7 50.7 13.8	ature, °C: Salinity, a 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.2 34.6	34 ppt b 33.2 34.0 33.4 34.5 34.4 33.4 33.4 33.4 33.2 34.6	Turbidity a 1.96 2.11 2.36 2.40 1.82 1.90 2.47 2.00	NTU b 1.98 1.70 2.13 2.38 2.42 1.85 1.92 2.56 2.03	Date: Job No.: Tide State: 1.83 2.30 1.87	J429 Mid-Ebb Suspend 12 10 12 11 12 9 14 10 13 12	27/7/200 27/7/200 11 11 12 10 13 9 12 14 11 13	s, mg/L Depth Average 11 11 12 12	Remarks

 Turbidity Meter:
 EM
 2365
 Calibration Check:
 9.8
 NTU
 Checked By:
 Raymond Dai

 Salinity Meter:
 EM
 6167
 Calibration Check:
 34.5
 ppt
 Date:
 27/7/2005

 Thermometer:
 EM
 6167
 Calibration Check:
 34.5
 pt
 Date:
 27/7/2005

Project:	Contract	No. CV/2004/	02 Recons	truction of V	Vong She	k and Ko	Lau Wa	n Public	Piers	-	Client:	Kin Shing	Constru	ction Co.	, Ltd.		Job No.:	J429	-		
Date of	Sampling:	22/7/2005		W	/eather C	ondition:	Thunder	strom wa	arning	-	Ambie	nt Tempera	ature,⁰C:	24			Tide State:	Mid-Floo	od		
Station	Time	Sea	Overall	Sampling	Tempera	ature, ⁰C	Dissolve	d Oxyge	n, mg/L	Dissolve	ed Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspen	ded Solid	s, mg/L	Remarks
		Condition	Depth, m	-	a	b	а		Average	а		Average	а	b	а	b	Average			Depth Average	
MW1 S																					
MW1 M									#DIV/0!			#DIV/0!					#DIV/0!			#DIV/0!	
MW1 B									#DIV/0!			#DIV/0!									
MW2 S																					
MW2 M		-							#DIV/0!			#DIV/0!					#DIV/0!			#DIV/0!	
MW2 B									#DIV/0!			#DIV/0!									
CW1 S																					
CW1 M									#DIV/0!			#DIV/0!				1	#DIV/0!			#DIV/0!	
CW1 B									#DIV/0!			#DIV/0!					1				
CW2 S																1					
CW2 M									#DIV/0!			#DIV/0!					#DIV/0!			#DIV/0!	
CW2 B									#DIV/0!			#DIV/0!									
0112 B									#DIV/0.			#211/0.									
Equipmer	it used:	Dissolved O	xygen Mete	er:	EM	6167		Calibrati	ion Check:		100	100%:					Sampled	By:	Chow K	in Pong	
		Turbidity Me					•					•						-		0	
						2365		Calibrati	ion Check:			NTU					Checked	Bv:	Raymon	d Dai	
					EM	2365 6167			ion Check:			NTU					Checked	By:	Raymor		
		Salinity Mete	er:		EM	6167			ion Check: ion Check:			ppt					Checked Date:	By:	Raymon 29/7/200		
			er:									-						By:			
Project:	Contract	Salinity Mete	er: er:	truction of V	EM EM	6167 6167		Calibrati	ion Check:		Client:	-	Constru	ction Co.	, Ltd.						
		Salinity Mete	er: er: 02 Recons		EM EM	6167 6167 ek and Ko) Lau Wa	Calibrati	ion Check:			ppt					Date:	J429	29/7/20		
Date of		Salinity Mete Thermomete No. CV/2004/ 22/7/2005	er: 02 Recons	W	EM EM Vong She /eather C	6167 6167 ek and Kc ondition: ature, °C	Lau Wa Raining Dissolve	Calibrati n Public	Piers	Dissolve	Ambie	ppt <u>Kin Shing</u> nt Tempera	ature,⁰C: Salinity,	25 ppt	Turbidity	, NTU	Date: Job No.: Tide State:	J429 Mid-Ebb	29/7/20	05 s, mg/L	Remarks
Date of	Sampling:	Salinity Mete Thermomete No. CV/2004/ 22/7/2005	er: 02 Recons	W	EM EM Vong She	6167 6167 ek and Ko ondition:	2 Lau Wa Raining	Calibrati n Public	ion Check: Piers	-	Ambie	ppt <u>Kin Shing</u> nt Tempera	ature,⁰C:	25			Date: Job No.:	J429 Mid-Ebb	29/7/200		Remarks
Date of	Sampling:	Salinity Mete Thermomete No. CV/2004/ 22/7/2005	er: 02 Recons	W	EM EM Vong She /eather C	6167 6167 ek and Kc ondition: ature, °C	Lau Wa Raining Dissolve	Calibrati n Public	n, mg/L Average	Dissolve	Ambie	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity,	25 ppt	Turbidity	, NTU	Date: Job No.: Tide State:	J429 Mid-Ebb	29/7/200	05 s, mg/L Depth	Remarks
Date of Station	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 22/7/2005	er: 02 Recons	W Sampling Depth,m	EM EM Vong She /eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Dissolve a	Calibrati n Public d Oxyge b	Piers	Dissolve	Ambies ed Oxyges b	ppt <u>Kin Shing</u> nt Tempera	ature,⁰C: Salinity, a	25 ppt b	Turbidity a	, NTU b	Date: Job No.: Tide State:	J429 Mid-Ebb		05 s, mg/L Depth	Remarks
Date of Station MW1 S	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons Overall Depth, m	W Sampling Depth,m	EM EM Vong She /eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Dissolve a	Calibrati n Public d Oxyge b	n, mg/L Average	Dissolve	Ambies ed Oxyges b	ppt <u>Kin Shing</u> nt Tempera n, % Average	ature,⁰C: Salinity, a	25 ppt b	Turbidity a	, NTU b	Date: Job No.: Tide State: Average	J429 Mid-Ebb		s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 14:59	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons Overall Depth, m	W Sampling Depth,m	EM EM Vong She /eather C Tempera a 24.2	6167 6167 ek and Ko ondition: ature, °C b 24.1	Dissolve a 3.50	Calibrati n Public d Oxyge b 3.52	n, mg/L Average 3.51 3.24	Dissolve a 50.6	Ambier d Oxyger b 50.8	kin Shing nt Temper Average 50.7 46.4	ature,°C: Salinity, a 33.9	25 ppt b 33.9	Turbidity a 3.50	, NTU b 3.51	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend	29/7/200	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 14:59 15:02	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons Overall Depth, m	W Sampling Depth,m 1 3	EM EM Vong She /eather C Tempera a 24.2 23.5	6167 6167 ek and Ko ondition: ature, °C b 24.1 23.5	Dissolve a 3.50	Calibrati n Public d Oxyge b 3.52 3.24	n, mg/L Average	Dissolve a 50.6 46.2	Ambien d Oxygen b 50.8 46.5	ppt Kin Shing nt Tempera Average	Salinity, a 33.9 34.0	25 ppt b 33.9 34.0	Turbidity a 3.50 2.21	, NTU b 3.51 2.19	Date: Job No.: Tide State: Average	J429 Mid-Ebb Suspend 13 10	29/7/200	s, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 14:59 15:02 15:10	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 02 Recons 02 Recons 02 Recons 04 A	W Sampling Depth,m 1 3 1	EM EM Vong She reather C Tempera a 24.2 23.5 24.0	6167 6167 ek and Ko ondition: ature, °C b 24.1 23.5 24.0	Lau Wa Raining Dissolve a 3.50 3.23 2.33	Calibrati n Public d Oxyge b 3.52 3.24 2.34	n, mg/L Average 3.51 3.24	Dissolve a 50.6 46.2 33.7	Ambier d Oxyger b 50.8 46.5 33.6	kin Shing nt Temper Average 50.7 46.4	ature, °C: Salinity, a 33.9 34.0 33.4	25 ppt 33.9 34.0 33.9	Turbidity a 3.50 2.21 1.90	, NTU b 3.51 2.19 1.92	Date: Job No.: Tide State: Average 2.85	J429 Mid-Ebb Suspend 13 10 10	29/7/200 ded Solid	s. mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 14:59 15:02 15:10 15:12	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 02 Recons 02 Recons 02 Recons 04 A	W Sampling Depth,m 1 3 1 4.5	EM EM Vong She /eather C 24.2 23.5 24.0 22.5	6167 6167 ek and Ko ondition: ature, °C b 24.1 23.5 24.0 22.6	Dissolve a 3.50 3.23 2.33 1.84	Calibrati n Public d Oxyge b 3.52 3.24 2.34 1.83	n, mg/L Average 3.51 3.24 2.09 0.72	Dissolve a 50.6 46.2 33.7 25.5	Ambieu d Oxygee b 50.8 46.5 33.6 25.6	ppt <u>Kin Shing</u> nt Tempera Average 50.7 46.4 29.6 12.0	ature, °C: Salinity, a 33.9 34.0 33.4 34.5	25 ppt 33.9 34.0 33.9 34.6	Turbidity a 3.50 2.21 1.90 3.34	, NTU b 3.51 2.19 1.92 3.31	Date: Job No.: Tide State: Average 2.85	J429 Mid-Ebb Suspend 13 10 10 10 12	29/7/200 	s. mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 14:59 15:02 15:10 15:12 15:15	Salinity Mete Thermomete No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 02 Recons 02 Recons 02 Recons 04 A	W Sampling Depth,m 1 3 1 4.5 8	EM EM Vong She (eather C Tempera a 24.2 23.5 24.0 22.5 22.0	6167 6167 6k and Kc ondition: ature, °C b 24.1 23.5 24.0 22.6 22.0	Dissolve a 3.50 3.23 2.33 1.84 0.71	Calibrati n Public d Oxyge b 3.52 3.24 2.34 1.83 0.72	n, mg/L Average 3.51 3.24 2.09	Dissolve a 50.6 46.2 33.7 25.5 11.9	Ambien d Oxygen b 50.8 46.5 33.6 25.6 12.0	ppt <u>Kin Shing</u> nt Tempera n, % Average 50.7 46.4 29.6	ature, °C: Salinity, a 33.9 34.0 33.4 34.5 34.7	25 ppt b 33.9 34.0 33.9 34.6 34.7	Turbidity a 3.50 2.21 1.90 3.34 4.10	, NTU b 3.51 2.19 1.92 3.31 4.06	Date: Job No.: Tide State: Average 2.85	J429 Mid-Ebb Suspend 13 10 10 12 22	29/7/200 	s. mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 14:59 15:02 15:10 15:12 15:15	Salinity Meter Thermometer No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 0Verall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8	EM EM Vong She (eather C Tempera a 24.2 23.5 24.0 22.5 22.0	6167 6167 6k and Kc ondition: ature, °C b 24.1 23.5 24.0 22.6 22.0	Dissolve a 3.50 3.23 2.33 1.84 0.71	Calibrati n Public d Oxyge b 3.52 3.24 2.34 1.83 0.72	n, mg/L Average 3.51 3.24 2.09 0.72	Dissolve a 50.6 46.2 33.7 25.5 11.9	Ambien d Oxygen b 50.8 46.5 33.6 25.6 12.0	ppt <u>Kin Shing</u> nt Tempera Average 50.7 46.4 29.6 12.0	ature, °C: Salinity, a 33.9 34.0 33.4 34.5 34.7	25 ppt b 33.9 34.0 33.9 34.6 34.7	Turbidity a 3.50 2.21 1.90 3.34 4.10	, NTU b 3.51 2.19 1.92 3.31 4.06	Date: Job No.: Tide State: 2.85 3.11	J429 Mid-Ebb Suspend 13 10 10 12 22	29/7/200 	s, mg/L Depth Average 11 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 14:59 15:02 15:10 15:12 15:15 15:05	Salinity Meter Thermometer No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 0Verall Depth, m 4 9	W Sampling Depth,m 1 3 1 4.5 8 1	EM EM Vong She Veather C 24.2 23.5 24.0 22.5 22.0 23.7	6167 6167 6k and Ko ondition: ature, °C b 24.1 23.5 24.0 22.6 22.0 23.6	2 Lau Wa Raining Dissolve a 3.50 3.23 2.33 1.84 0.71 3.32	Calibrati n Public d Oxyge b 3.52 3.24 2.34 1.83 0.72 3.33	n, mg/L Average 3.51 3.24 2.09 0.72 3.33	Dissolve a 50.6 46.2 33.7 25.5 11.9 47.5	Ambien d Oxygen b 50.8 46.5 33.6 25.6 12.0 47.6	ppt <u>Kin Shing</u> nt Temper Average 50.7 46.4 29.6 12.0 47.6	ature, °C: <u>Salinity</u> , a 33.9 34.0 33.4 34.5 34.5 34.7 33.9	25 ppt b 33.9 34.0 33.9 34.6 34.7 33.9	Turbidity a 3.50 2.21 1.90 3.34 4.10 3.12	, NTU b 3.51 2.19 1.92 3.31 4.06 3.12	Date: Job No.: Tide State: 2.85 3.11	J429 Mid-Ebb Suspend 13 10 10 10 12 22 12	29/7/200 	s, mg/L Depth Average 11 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 S	Sampling: Time 14:59 15:02 15:10 15:12 15:15 15:05 15:06	Salinity Meter Thermometer No. CV/2004/ 22/7/2005 Sea Condition	or: 02 Recons 0Verall Depth, m 4 9		EM EM Vong She /eather C Tempera a 24.2 23.5 24.0 22.5 22.0 23.7 23.7 23.1	6167 6167 6167 ek and Ko ondition: ature, °C b 24.1 23.5 24.0 22.6 22.0 23.6 23.6 23.1	Lau Wa Raining Dissolve a 3.50 3.23 2.33 1.84 0.71 3.32 3.36	Calibrati n Public d Oxyge b 3.52 3.24 2.34 1.83 0.72 3.33 3.33	n, mg/L Average 3.51 3.24 2.09 0.72 3.33	Dissolve a 50.6 46.2 33.7 25.5 11.9 47.5 47.8	Ambie d Oxyger b 50.8 46.5 33.6 25.6 12.0 47.6 47.7	ppt <u>Kin Shing</u> nt Temper Average 50.7 46.4 29.6 12.0 47.6	ature,°C: Salinity, a 33.9 34.0 33.4 34.5 34.7 33.9 34.4	25 ppt b 33.9 34.0 33.9 34.6 34.7 33.9 34.4	Turbidity a 3.50 2.21 1.90 3.34 4.10 3.12 2.26	. NTU b 3.51 2.19 1.92 3.31 4.06 3.12 2.28	Date: Job No.: Tide State: 2.85 3.11	J429 Mid-Ebb Suspend 13 10 10 10 12 22 12 12	29/7/200 	s, mg/L Depth Average 11 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M CW1 S CW1 S CW1 B CW2 S	Sampling: Time 14:59 15:02 15:10 15:12 15:15 15:05 15:06 15:18	Salinity Meter Thermometer No. CV/2004/ 22/7/2005 Sea Condition runoff	ar: 02 Recons Overall Depth, m 4 9 4	W Sampling Depth,m 1 3 1 4.5 8 1 1 3 3 1	EM EM Vong She Veather C Tempera a 24.2 23.5 24.0 22.5 24.0 22.5 22.0 23.7 23.1 24.7	6167 6167 ek and Ko ondition: ature, °C b 24.1 23.5 24.0 22.6 22.0 23.6 23.1 24.7	 Lau Wa Raining Dissolve a 3.50 3.23 2.33 1.84 0.71 3.32 3.36 3.53 	Calibrati n Public d Oxyge b 3.52 3.52 2.34 1.83 0.72 3.33 3.38 3.54	n, mg/L Average 3.51 3.24 2.09 0.72 3.33	Dissolve a 50.6 46.2 33.7 25.5 11.9 47.5 47.8 52.0	Ambien d Oxygen b 50.8 46.5 33.6 25.6 12.0 47.6 47.7 51.8	ppt <u>Kin Shing</u> nt Tempera <u>n, %</u> Average 50.7 46.4 29.6 12.0 47.6 47.8	ature,°C: <u>Salinity</u> , a 33.9 34.0 33.4 34.5 34.7 33.9 34.4 33.8	25 ppt b 33.9 34.0 33.9 34.6 34.7 33.9 34.4 33.8	Turbidity a 3.50 2.21 1.90 3.34 4.10 3.12 2.26 2.36	, NTU b 3.51 2.19 3.31 4.06 3.12 2.28 2.37	Date: Job No.: Tide State: 2.85 3.11 2.70	J429 Mid-Ebb Suspend 13 10 10 10 12 22 12 12 12 11	29/7/200 3ed Solici 10 11 11 13 20 11 13 13	s, mg/L Depth Average 11 15 12	Remarks

Equipment used:	Dissolved Oxygen Meter:	EM 6167	Calibration Check:	<u> 100</u> 100%:	Sampled By:	Chow Kin Pong
	Turbidity Meter:	EM 2365	Calibration Check:	9.9 NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM 6167	Calibration Check:	35.4 ppt	Date:	29/7/2005
	Thermometer:	EM 6167				

		No. CV/2004/								-		Kin Shing					Job No.:		-		
Date of 3	Sampling:	26/7/2005		- W	eather C	ondition:	Sunny			•	Ambie	nt Tempera	ature, °C:	34			Fide State:	Mid-Floo	bd	-	
Station	Time	Sea Condition	Overall Depth, m	Sampling Depth,m	Tempera a	ature, ℃ 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	ls, mg/L Depth Average	Remarks
MW1 S	9:57			1	27.2	27.2	3.98	4.00		60.2	60.1		33.7	33.7	0.87	0.90		16	16		
MW1 M	9:59		5	2.5	27.1	27.1	3.99	4.00	3.99	59.8	60.2	60.1	33.7	33.7	1.03	1.04	1.06	10	10	12	
MW1 B	10:02			4	26.5	26.5	3.67	3.68	3.68	56.2	55.9	56.1	33.7	33.7	1.25	1.26		12	10		
MW2 S	9:46			1	27.4	27.4	4.63	4.62		70.4	70.3		33.7	33.8	1.04	1.02		14	14		
MW2 M	9:48		9	4.5	26.2	26.2	4.38	4.38	4.50	65.3	65.3	67.8	33.9	33.9	1.17	1.20	1.06	11	13	13	
MW2 B	9:50			8	25.7	25.8	4.09	4.10	4.10	60.4	60.6	60.5	33.9	33.9	0.93	0.97		12	12		
CW1 S	9:52			1	27.1	27.1	3.76	3.78		56.4	56.3		33.8	33.8	0.82	0.83		9	8		
CW1 M	9:53		5	2.5	27.0	27.0	3.84	3.82	3.80	57.7	57.6	57.0	33.8	33.8	0.93	0.95	0.85	11	10	10	
CW1 B	9:54	1		4	26.5	26.5	3.87	3.88	3.88	58.3	57.9	58.1	33.8	33.8	0.77	0.78	1	12	10	1	
CW2 S	9:52			1	26.9	27.0	4.30	4.29	4.00	64.7	65.1	047	33.8	33.8	1.25	1.26		11	11		
CW2 M	9:54	1	10	5	26.3	26.3	4.30	4.30	4.30	64.5	64.5	64.7	33.9	33.9	1.08	1.08	1.15	12	11	11	
CW2 B	9:56	1		9	25.5	25.5	4.21	4.21	4.21	59.1	59.6	59.4	34.0	34.0	1.10	1.12	1	10	10	1	
		Salinity Mete			EM	6167		Ganbran	on Check:		35										
'roject:	Contract	Thermomete No. CV/2004/			EM /ong She	6167 k and Ko		n Public	Piers			ppt Kin Shing	Construe	ction Co.,	Ltd.		Date: Job No.:	J429	2/8/2005	5	-
			02 Recons	truction of W		k and Ko	Lau Wa	n Public	Piers		Client:								-	-	-
		No. CV/2004/ 26/7/2005 Sea	02 Recons	truction of M	/ong She eather C	k and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	d Oxyge	n, mg/L		Client: Ambie	Kin Shing nt Tempera	ature,⁰C: Salinity,	34 ppt	Turbidity	۲ , NTU	Job No.: Fide State:	Mid-Ebb	-	- ls, mg/L	Remarks
Date of Station	Sampling: Time	No. CV/2004/	02 Recons	truction of W W Sampling Depth,m	/ong She eather C Tempera a	k and Ko ondition: ature, °C b	Lau Wa Sunny Dissolve a	d Oxyge b		а	Client: Ambie d Oxyge b	Kin Shing	ature,⁰C: Salinity, a	34 ppt b	Turbidity a	r, NTU b	Job No.:	Mid-Ebb	- ded Solid	-	Remarks
Date of Station	Sampling:	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m	truction of M	/ong She eather C	k and Ko ondition: ature, °C	Lau Wa Sunny Dissolve	d Oxyge	n, mg/L		Client: Ambie	Kin Shing nt Tempera	ature,⁰C: Salinity,	34 ppt	Turbidity	۲ , NTU	Job No.: Tide State: Average	Mid-Ebb	-	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M	Sampling: Time 17:02	No. CV/2004/ 26/7/2005 Sea	02 Recons	truction of W W Sampling Depth,m	/ong She eather C Tempera a 28.4	k and Ko ondition: ature, °C b 28.4	Lau Wa Sunny Dissolve a 3.64	d Oxyge b 3.65	n, mg/L Average 3.65	a 56.1	Client: Ambie d Oxyge b 56.4	Kin Shing nt Tempera n, % Average 56.3	ature,°C: Salinity, a 33.7	34 b 33.8	Turbidity a 1.25	r, NTU b 1.27	Job No.: Fide State:	Mid-Ebb	- ded Solid	ls, mg/L Depth	Remarks
Date of 3 Station MW1 S MW1 M MW1 B	Sampling: Time 17:02 17:05	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m	truction of W W Sampling Depth,m 1 3	/ong She eather C Tempera a 28.4 27.2	k and Ko ondition: ature, °C b 28.4 27.1	Lau Wa Sunny Dissolve a 3.64 3.61	d Oxyge b 3.65 3.60	n, mg/L Average	a 56.1 55.2	Client: Ambie d Oxyge b 56.4 55.0	Kin Shing nt Tempera n, % Average	ature, °C: Salinity, a 33.7 33.8	234 ppt b 33.8 33.8	Turbidity a 1.25 0.81	r, NTU b 1.27 0.84	Job No.: Tide State: Average	Mid-Ebb Suspend 16 16	ded Solid	is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 17:02 17:05 17:12	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4	truction of W Sampling Depth,m 1 3 1	/ong She reather C Tempera a 28.4 27.2 28.2	k and Ko ondition: ature, °C b 28.4 27.1 28.2	Dissolve a 3.64 3.24	d Oxyge b 3.65 3.60 3.24	n, mg/L Average 3.65	a 56.1 55.2 49.3	Client: Ambie b 56.4 55.0 49.1	Kin Shing nt Tempera n, % Average 56.3	ature, °C: Salinity, a 33.7 33.8 33.8	34 ppt 33.8 33.8 33.8 33.8	Turbidity a 1.25 0.81 1.26	7, NTU b 1.27 0.84 1.30	Job No.: Fide State: Average	Mid-Ebb Suspend 16 16 7	ded Solid	is, mg/L Depth Average 15	Remarks
Date of s Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 17:02 17:05 17:12 17:15	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m	truction of W W Sampling Depth,m 1 3 1 4	/ong She reather C 7 empera 28.4 27.2 28.2 28.2 26.7	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.16	d Oxyge b 3.65 3.60 3.24 3.15	n, mg/L Average 3.65 3.61 3.20	a 56.1 55.2 49.3 47.9	Client: Ambie b 56.4 55.0 49.1 47.8	Kin Shing nt Tempera n, % Average 56.3 55.1 48.5	ature, °C: Salinity, a 33.7 33.8 33.8 33.8	34 ppt b 33.8 33.8 33.8 33.8 33.8	Turbidity a 1.25 0.81 1.26 1.08	1.27 0.84 1.10	Job No.: Tide State: Average	Mid-Ebb Suspend 16 16 7 9	14 14 14 8 8	is, mg/L Depth Average	Remarks
Date of 3 Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 17:02 17:05 17:12 17:15 17:17	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4	truction of W Sampling Depth,m 1 3 1 4 7	Vong She eather C Tempera a 28.4 27.2 28.2 26.7 24.4	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7 24.4	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.16 3.01	d Oxyge b 3.65 3.60 3.24 3.15 2.99	n, mg/L Average 3.65 3.61	a 56.1 55.2 49.3 47.9 43.7	Client: Ambie b 56.4 55.0 49.1 47.8 43.2	Kin Shing nt Tempera Average 56.3 55.1	ature, °C: Salinity, a 33.7 33.8 33.8 33.8 33.8 34.3	34 ppt b 33.8 33.8 33.8 33.8 33.8 34.3	Turbidity a 1.25 0.81 1.26 1.08 2.21	7, NTU b 1.27 0.84 1.30 1.10 2.22	Job No.: Fide State: Average	Mid-Ebb	ded Solid	is, mg/L Depth Average 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 17:02 17:05 17:12 17:15	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4 8	truction of W W Sampling Depth,m 1 3 1 4	/ong She reather C 7 empera 28.4 27.2 28.2 28.2 26.7	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.16	d Oxyge b 3.65 3.60 3.24 3.15	n, mg/L Average 3.65 3.61 3.20	a 56.1 55.2 49.3 47.9	Client: Ambie b 56.4 55.0 49.1 47.8	Kin Shing nt Tempera n, % Average 56.3 55.1 48.5	ature, °C: Salinity, a 33.7 33.8 33.8 33.8	34 ppt 33.8 33.8 33.8 33.8 33.8	Turbidity a 1.25 0.81 1.26 1.08	1.27 0.84 1.10	Job No.: Tide State: Average 1.04 1.53	Mid-Ebb Suspend 16 16 7 9	14 14 14 8 8	is, mg/L Depth Average 15 9	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 M	Sampling: Time 17:02 17:05 17:12 17:15 17:17 17:07	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4	truction of W Sampling Depth,m 1 3 1 4 7 1	/ong She reather C 7empera 28.4 27.2 28.2 28.2 26.7 24.4 28.7	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7 24.4 28.7	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.16 3.01 3.32	d Oxyge b 3.65 3.60 3.24 3.15 2.99 3.35	n, mg/L Average 3.65 3.61 3.20 3.00 3.34	a 56.1 55.2 49.3 47.9 43.7 51.4	Client: Ambie b 56.4 55.0 49.1 47.8 43.2 51.6	Kin Shing nt Tempera Average 56.3 55.1 48.5 43.5 51.5	ature, °C: Salinity, a 33.7 33.8 33.8 33.8 33.8 33.8 33.8 33.7 33.7	34 ppt b 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.7	Turbidity a 1.25 0.81 1.26 1.08 2.21 1.54	7, NTU b 1.27 0.84 1.30 1.10 2.22 1.52	Job No.: Fide State: Average	Mid-Ebb Suspend 16 16 7 9 11 7	ded Solid 14 14 8 13 7	is, mg/L Depth Average 15	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 17:02 17:05 17:12 17:15 17:17 17:07 17:09	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4 8	truction of W Sampling Depth,m 1 3 1 4 7 1 1 3	Vong She reather C Tempera a 28.4 27.2 28.2 26.7 24.4 28.7 28.7 27.1	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7 24.4 28.7 28.7 27.1	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.61 3.24 3.01 3.32 3.25	d Oxyge b 3.65 3.60 3.24 3.15 2.99 3.35 3.26	n, mg/L Average 3.65 3.61 3.20 3.00	a 56.1 55.2 49.3 47.9 43.7 51.4 50.2	Client: Ambie b 56.4 55.0 49.1 47.8 43.2 51.6 51.6	Kin Shing nt Temper Average 56.3 55.1 48.5 43.5	ature, °C: Salinity, a 33.7 33.8 33.8 33.8 34.3 33.7 33.7 33.8	34 ppt 33.8 33.8 33.8 33.8 33.8 34.3 33.7 33.7	Turbidity 1.25 0.81 1.26 1.08 2.21 1.54 1.60	, <u>NTU</u> b 1.27 0.84 1.30 1.10 2.22 1.52	Job No.: Tide State: Average 1.04 1.53	Mid-Ebb Suspend 16 16 7 9 11 7 9 11 7 9	ded Solid 14 14 8 8 13 7 9	is, mg/L Depth Average 15 9	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 S CW1 M CW1 B CW1 B	Sampling: Time 17:02 17:05 17:12 17:15 17:17 17:07 17:09 17:20	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4 8 4	truction of W W Sampling Depth,m 1 3 1 4 7 1 1 3 3 1	/ong She reather C 28.4 27.2 28.2 26.7 24.4 28.7 24.4 28.7 27.1 28.2	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7 24.4 28.7 24.4 28.7 27.1 28.3	Lau Wa Sunny Dissolve a 3.64 3.61 3.64 3.61 3.24 3.16 3.01 3.32 3.25 3.41	d Oxyge b 3.65 3.60 3.24 3.15 2.99 3.35 3.26 3.42	n, mg/L Average 3.65 3.61 3.20 3.00 3.34	a 56.1 55.2 49.3 47.9 43.7 51.4 50.2 52.5	Client: Ambie d Oxyge b 56.4 55.0 49.1 47.8 43.2 51.6 50.2 50.2 52.9	Kin Shing nt Tempera Average 56.3 55.1 48.5 43.5 51.5	ature, °C: Salinity, a 33.7 33.8 33.8 33.8 33.8 34.3 33.7 33.8 33.8 34.3 33.7	34 ppt b 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.8 33.7 33.8 33.8	Turbidity a 1.25 0.81 1.26 1.08 2.21 1.54 1.60 1.12	1.27 0.84 1.30 1.10 2.22 1.52 1.61	Job No.: Tide State: Average 1.04 1.53 1.57	Mid-Ebb Suspend 16 16 7 9 11 7 9 11 7 9 10	ded Solid 14 14 8 8 13 7 9 9 11	s, mg/L Depth Average 15 9 9	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 17:02 17:05 17:12 17:15 17:17 17:07 17:09	No. CV/2004/ 26/7/2005 Sea	Overall Depth, m 4 8	truction of W Sampling Depth,m 1 3 1 4 7 1 1 3	Vong She reather C Tempera a 28.4 27.2 28.2 26.7 24.4 28.7 28.7 27.1	k and Ko ondition: ature, °C b 28.4 27.1 28.2 26.7 24.4 28.7 28.7 27.1	Lau Wa Sunny Dissolve a 3.64 3.61 3.24 3.61 3.24 3.01 3.32 3.25	d Oxyge b 3.65 3.60 3.24 3.15 2.99 3.35 3.26	n, mg/L Average 3.65 3.61 3.20 3.00 3.34 3.26	a 56.1 55.2 49.3 47.9 43.7 51.4 50.2	Client: Ambie b 56.4 55.0 49.1 47.8 43.2 51.6 51.6	Kin Shing nt Temperative n, % Average 56.3 55.1 48.5 43.5 51.5 50.2	ature, °C: Salinity, a 33.7 33.8 33.8 33.8 34.3 33.7 33.7 33.8	34 ppt 33.8 33.8 33.8 33.8 33.8 34.3 33.7 33.7	Turbidity 1.25 0.81 1.26 1.08 2.21 1.54 1.60	, <u>NTU</u> b 1.27 0.84 1.30 1.10 2.22 1.52	Job No.: Tide State: Average 1.04 1.53	Mid-Ebb Suspend 16 16 7 9 11 7 9 11 7 9	ded Solid 14 14 8 8 13 7 9	is, mg/L Depth Average 15 9	Remarks

Equipment used.	Dissolved Oxygen meter.		0107	Calibration Check.	100	100 %.	Gampled by.	Chow Kin Fong
	Turbidity Meter:	EM	2365	Calibration Check:	9.9	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35	ppt	Date:	2/8/2005
	Thermometer:	EM	6167					

Date of		No $CV/2004/$	02 Reconst	truction of W	long She	k and Ko	l au Wa	n Public	Piers		Client [.]	Kin Shing	Construe	ction Co	l td		Job No.:	.1429			
Date of												nt Tempera				•			-		
	Sampling:	28/7/2005		vv		ondition:						•	ature, C:	29			Tide State:			-	
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 Oxyger b	n, % Average	Salinity, a	ppt b	Turbidity a	, NTU b	Average	Suspend	ded Solid	ls, mg/L Depth Average	Remarks
MW1 S	11:45			1	29.1	29.1	2.89	2.91		45.2	44.9		33.7	33.7	1.59	1.62		18	17		
MW1 M	11:47		5	2.5	28.9	28.8	28.70	2.86	9.34	44.7	44.8	44.9	33.8	33.8	1.47	1.49	1.52	12	10	13	
MW1 B	11:49			4	28.7	28.7	2.94	2.93	2.94	45.8	46.0	45.9	33.7	33.7	1.46	1.50		10	11		
MW2 S	11:58			1	29.0	29.0	4.04	4.01	3.89	61.0	60.8	59.6	33.6	33.6	1.86	1.84		12	10		
MW2 M	12:00	-	10	5	28.7	28.6	3.76	3.73		58.4	58.1		33.8	33.8	2.12	2.15	2.13	12	10	14	
MW2 B	12:02			9	24.3	24.3	3.10	3.06	3.08	44.2	44.0	44.1	34.0	34.0	2.40	2.43		18	20		
CW1 S	11:52			1	29.1	29.1	3.03	3.02	3.07	47.7	47.8	48.4	33.8	33.8	1.51	1.54		14	12		
CW1 M	11:54		5	2.5	28.9	28.9	3.12	3.12	3.07	49.0	49.0	40.4	33.8	33.8	1.60	1.62	1.69	10	11	12	
CW1 B	11:55			4	28.8	28.8	2.99	3.02	3.01	4.7	46.7	25.7	33.8	33.8	1.91	1.95		13	12		
CW2 S	11:30			1	29.0	29.0	2.73	2.75	2.65	42.9	42.9	41.7	33.7	33.7	1.08	1.09		10	12		
CW2 M	11:36		11	5.5	28.0	28.0	2.54	2.56	2.00	40.5	40.6	÷1.7	33.8	33.8	1.52	1.49	1.35	24	21	15	
CW2 B	11:40			10	23.3	23.3	2.02	2.03	2.03	29.2	29.4	29.3	34.6	34.6	1.47	1.43		13	12		
																		_			
Equipmer	nt used:	Dissolved Ox			EM	6167			on Check:		100	-					Sampled		Chow K		-
		Turbidity Met			EM	2365			on Check:		9.8						Checked	-	Raymon		-
		Salinity Mete	r:		EM	6167		Calibrati	on Check:		35.6	ppt					Date:		4/8/2005	5	-
		Thermomete																			
			r:		EM	6167															
Project:	Contract	No. CV/2004/					Lau Wa	n Public	Piers		Client:	Kin Shing	Construc	ction Co.,	Ltd.		Job No.:	J429	_		
		No. CV/2004/	02 Reconst	truction of W	/ong She			n Public	Piers			Kin Shing					Job No.: Tide State:		.	-	
Date of			02 Reconst	truction of W	/ong She eather C	k and Ko				Dissolve		nt Tempera		29		-		Mid-Ebb	- o ded Solid	- ls, mg/L	Remarks
Date of	Sampling:	28/7/2005	02 Reconst	ruction of W W Sampling	/ong She eather C	k and Ko	Cloudy	d Oxyge		Dissolve	Ambie	nt Tempera	ature,°C:	29		-		Mid-Ebb		ls, mg/L Depth Average	Remarks
Date of	Sampling:	28/7/2005 Sea	02 Reconsi Overall	ruction of W W Sampling	/ong She eather C Tempera	ek and Ko ondition: ature, °C	Cloudy Dissolve	d Oxyge	n, mg/L Average		Ambier d Oxyger	nt Tempera n, % Average	ature,°C: Salinity,	29 ppt	Turbidity	, NTU	Tide State:	Mid-Ebb		Depth	Remarks
Date of Station	Sampling: Time	28/7/2005 Sea	02 Reconsi Overall	truction of W W Sampling Depth,m	/ong She eather C Tempera a	ek and Ko ondition: ature, °C b	Cloudy Dissolve a	d Oxyge b	n, mg/L	а	Ambier d Oxyger b	nt Tempera	ature,⁰C: Salinity, a	29 ppt b	Turbidity a	r, NTU b	Tide State:	Mid-Ebb	ded Solid	Depth	Remarks
Date of Station MW1 S MW1 M	Sampling: Time	28/7/2005 Sea	Overall Depth, m	truction of W W Sampling Depth,m	/ong She eather C Tempera a	ek and Ko ondition: ature, °C b	Cloudy Dissolve a	d Oxyge b	n, mg/L Average	а	Ambier d Oxyger b	nt Tempera n, % Average	ature,⁰C: Salinity, a	29 ppt b	Turbidity a	r, NTU b	Tide State:	Mid-Ebb	ded Solid	Depth Average	Remarks
Date of Station MW1 S	Sampling: Time 8:35	28/7/2005 Sea	Overall Depth, m	truction of W W Sampling Depth,m	/ong She eather C Tempera a 27.4	ondition: ature, °C b 27.4	Cloudy Dissolve a 4.44	d Oxyge b 4.40	n, mg/L Average 4.42 2.86	a 67.9	Ambier d Oxyger b 67.5	nt Tempera Average 67.7 45.1	ature,°C: Salinity, a 35.8	29 ppt b 33.8	Turbidity a 1.68	r, NTU b 1.70	Tide State:	Mid-Ebb	ded Solid	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 8:35 8:38	28/7/2005 Sea	Overall Depth, m	Sampling Depth,m	/ong She eather C Tempera a 27.4 27.1	ek and Ko ondition: ature, °C b 27.4 27.1	Cloudy Dissolve a 4.44 2.89	d Oxyge b 4.40 2.83	n, mg/L Average 4.42	a 67.9 45.2	Ambien d Oxygen b 67.5 45.0	nt Tempera n, % Average 67.7	Salinity, a 35.8 33.9	29 ppt 33.8 33.9	Turbidity a 1.68 1.92	r, NTU b 1.70 1.94	Tide State:	Mid-Ebb Suspend 12 10	ded Solid	Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 8:35 8:38 8:38	28/7/2005 Sea	Overall Depth, m 4	ruction of W W Sampling Depth,m 1 3 3	/ong She eather C Tempera a 27.4 27.1 27.1	ature, °C b 27.4 27.1 27.3	Cloudy Dissolve a 4.44 2.89 3.91	d Oxyge b 4.40 2.83 3.89	n, mg/L Average 4.42 2.86	a 67.9 45.2 60.6	Ambien d Oxygen b 67.5 45.0 60.4	nt Tempera Average 67.7 45.1	ature, °C: Salinity, a 35.8 33.9 33.5	29 ppt 33.8 33.9 33.5	Turbidity a 1.68 1.92 1.64	r, NTU b 1.70 1.94 1.66	Average	Mid-Ebb Suspend 12 10 12	ded Solid	Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 8:35 8:38 8:40 8:42	28/7/2005 Sea	Overall Depth, m 4	Sampling Depth,m 1 3 1 4.5	/ong She eather C Tempera a 27.4 27.1 27.4 26.9	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8	Cloudy Dissolve a 4.44 2.89 3.91 3.59	d Oxyge b 4.40 2.83 3.89 3.54	n, mg/L Average 4.42 2.86 3.73 3.12	a 67.9 45.2 60.6 54.9	Ambies d Oxyges b 67.5 45.0 60.4 54.6	nt Tempera n, % Average 67.7 45.1 57.6 50.0	ature, °C: Salinity, a 35.8 33.9 33.5 33.5 33.8	29 ppt 33.8 33.9 33.9 33.5 33.8	Turbidity a 1.68 1.92 1.64 1.70	, NTU b 1.70 1.94 1.66 1.74	Average	Mid-Ebb Suspend 12 10 12 11	ded Solid 11 11 12 11	Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 8:35 8:38 8:40 8:42 8:42	28/7/2005 Sea	Overall Depth, m 4	truction of W W Sampling Depth,m 1 3 1 4.5 8	/ong She eather C Tempera a 27.4 27.4 27.4 27.4 26.9 24.9	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8 24.9	Cloudy Dissolve a 4.44 2.89 3.91 3.59 3.14	d Oxyge b 4.40 2.83 3.89 3.54 3.10	n, mg/L Average 4.42 2.86 3.73	a 67.9 45.2 60.6 54.9 50.2	Ambies d Oxyger b 67.5 45.0 60.4 54.6 49.7	nt Tempera n, % Average 67.7 45.1 57.6	ature, °C: Salinity, a 35.8 33.9 33.5 33.8 34.1	29 ppt b 33.8 33.9 33.5 33.8 33.8 34.1	Turbidity a 1.68 1.92 1.64 1.70 2.12	7, NTU b 1.70 1.94 1.66 1.74 2.15	Average	Mid-Ebb Suspend 12 10 10 12 11 11	ded Solid 11 11 12 11 13	Depth Average 11	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 8:35 8:38 8:40 8:42 8:42	28/7/2005 Sea	Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8	/ong She eather C Tempera a 27.4 27.4 27.4 27.4 26.9 24.9	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8 24.9	Cloudy Dissolve a 4.44 2.89 3.91 3.59 3.14	d Oxyge b 4.40 2.83 3.89 3.54 3.10	n, mg/L Average 4.42 2.86 3.73 3.12	a 67.9 45.2 60.6 54.9 50.2	Ambies d Oxyger b 67.5 45.0 60.4 54.6 49.7	nt Tempera n, % Average 67.7 45.1 57.6 50.0	ature, °C: Salinity, a 35.8 33.9 33.5 33.8 34.1	29 ppt b 33.8 33.9 33.5 33.8 33.8 34.1	Turbidity a 1.68 1.92 1.64 1.70 2.12	7, NTU b 1.70 1.94 1.66 1.74 2.15	Tide State: Average 1.81	Mid-Ebb Suspend 12 10 10 12 11 11	ded Solid 11 11 12 11 13	Depth Average 11 12	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 8:35 8:38 8:40 8:42 8:45 8:47	28/7/2005 Sea	Overall Depth, m 4 9	truction of W W Sampling Depth,m 1 3 1 4.5 8 1	/ong She eather C Tempera 27.4 27.1 27.4 26.9 24.9 24.9 27.1	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8 24.9 27.1	Cloudy Dissolve a 4.44 2.89 3.91 3.59 3.14 2.99	d Oxyger b 4.40 2.83 3.89 3.54 3.10 2.96	n, mg/L Average 4.42 2.86 3.73 3.12 2.98 3.03	a 67.9 45.2 60.6 54.9 50.2 47.0	Ambien d Oxygen b 67.5 45.0 60.4 54.6 49.7 46.9	nt Tempera n, % Average 67.7 45.1 57.6 50.0 47.0 47.3	ature, °C: Salinity, a 35.8 33.9 33.5 33.8 34.1 33.7	29 ppt b 33.8 33.9 33.5 33.8 33.8 34.1 33.7	Turbidity a 1.68 1.92 1.64 1.70 2.12 1.70	1.70 1.94 1.66 1.74 2.15 1.72	Tide State: Average 1.81	Mid-Ebb Suspend 12 10 12 11 14 15	11 11 12 11 13 14	Depth Average 11 12	Remarks
Date of Station MW1 S MW1 M MW2 S MW2 M MW2 B CW1 S CW1 S CW1 B	Sampling: Time 8:35 8:38 8:40 8:42 8:45 8:47 8:50	28/7/2005 Sea	Overall Depth, m 4 9	ruction of W W Sampling Depth,m 1 3 1 4.5 8 1 1 3	(ong She eather C a 27.4 27.1 27.4 26.9 24.9 27.1 27.1 27.0	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8 24.9 27.1 27.1 26.9	Cloudy Dissolve a 4.44 2.89 3.91 3.59 3.14 2.99 3.03	d Oxyge b 4.40 2.83 3.89 3.54 3.10 2.96 3.03	n, mg/L Average 4.42 2.86 3.73 3.12 2.98	a 67.9 45.2 60.6 54.9 50.2 47.0 47.4	Ambiel d Oxygen b 67.5 45.0 60.4 54.6 49.7 46.9 47.2	nt Tempera n, % Average 67.7 45.1 57.6 50.0 47.0	ature, °C: Salinity, a 35.8 33.9 33.5 33.8 34.1 33.7 33.8	29 ppt 33.8 33.9 33.5 33.8 34.1 33.7 33.8	Turbidity a 1.68 1.92 1.64 1.70 2.12 1.70 1.98	r, NTU b 1.70 1.94 1.66 1.74 2.15 1.72 2.05	Tide State: Average 1.81	Mid-Ebb Suspend 12 10 10 12 11 14 15 11	11 11 12 11 13 14 13	Depth Average 11 12	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B CW2 S	Sampling: Time 8:35 8:38 8:40 8:42 8:45 8:47 8:50 8:50 8:53	28/7/2005 Sea	Overall Depth, m 4 9 4	ruction of W W Sampling Depth,m 1 3 1 4.5 8 1 3 3 1	/ong She eather C Temper- a 27.4 27.4 26.9 24.9 24.9 24.9 27.1 27.0 27.9	ek and Ko ondition: ature, °C b 27.4 27.1 27.3 26.8 24.9 27.1 26.9 27.8	Cloudy a a 4.44 2.89 3.91 3.59 3.14 2.99 3.03 3.68	d Oxyge b 4.40 2.83 3.89 3.54 3.10 2.96 3.03 3.67	n, mg/L Average 4.42 2.86 3.73 3.12 2.98 3.03	a 67.9 45.2 60.6 54.9 50.2 47.0 47.4 56.4	Ambiei d Oxygei b 67.5 45.0 60.4 54.6 49.7 46.9 47.2 56.3	nt Tempera n, % Average 67.7 45.1 57.6 50.0 47.0 47.3	ature, °C: Salinity, a 35.8 33.9 33.5 33.8 34.1 33.7 33.8 33.8 33.6	29 ppt b 33.8 33.9 33.5 33.8 34.1 33.7 33.8 33.8 33.6	Turbidity a 1.68 1.92 1.64 1.70 2.12 1.70 1.98 1.42	r, NTU b 1.70 1.94 1.66 1.74 2.15 1.72 2.05 1.39	Average 1.81 1.84 1.86	Mid-Ebb Suspend 12 10 12 11 14 15 11 14	11 11 12 11 12 11 13 14	Depth Average 11 12 13	Remarks

 Turbidity Meter:
 EM
 2365
 Calibration Check:
 9.8
 NTU
 Checked By:
 Raymond Dai

 Salinity Meter:
 EM
 6167
 Calibration Check:
 35.6
 ppt
 Date:
 4/8/2005

Thermometer:

EM 6167

	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:	30/7/2005		w	eather C	ondition:	Cloudy				Ambie	nt Tempera	ature,⁰C:	28		٦	ide State:	Mid-Floo	od	<u>.</u>	
tation	Time	Sea	Overall	Sampling	Tempera	ature, °C	Dissolve	d Oxyge	n, mg/L	Dissolve	d Oxyge	n, %	Salinity,	ppt	Turbidity	, NTU		Suspend	ded Solid	ls, mg/L	Remarks
		Condition	Depth, m		a	b	а	b	Average	а		Average	а	b	a	b	Average			Depth Average	
MW1 S	15:04	_		1	27.4	27.4	4.46	4.41	4.33	67.7	68.0	65.6	33.0	33.0	0.92	0.96		7	6	-	
MW1 M	15:07	-	5	2.5	27.1	27.1	4.20	4.23		63.3	63.5		33.3	33.2	1.27	1.30	1.22	15	11	8	
MW1 B	15:10			4	27.0	26.9	3.99	4.00	4.00	60.2	60.1	60.2	33.6	33.6	1.40	1.45		6	5		1
MW2 S	15:20			1	27.9	27.9	6.15	6.16	5.73	93.5	93.7	86.7	30.4	30.4	1.37	1.40		10	14	-	
MW2 M	15:24	-	10	5	27.0	27.0	5.32	5.30		79.5	80.0		30.5	30.5	1.52	1.60	1.59	13	14	12	
MW2 B	15:27			9	26.6	26.6	1.17	1.17	1.17	17.6	17.6	17.6	34.5	30.5	1.84	1.83		11	11		
CW1 S	15:12	-		1	27.3	27.3	4.75	4.78	4.71	72.8	74.1	72.1	32.5	32.5	1.17	1.20		9	9	-	
CW1 M	15:15	-	5	2.5	27.0	27.1	4.67	4.65		70.7	70.6		33.0	33.0	1.20	1.25	1.22	15	13	12	
CW1 B	15:18			4	26.8	26.8	4.51	4.50	4.51	69.4	69.2	69.3	33.6	33.6	1.23	1.27		13	10		
CW2 S	15:30	-		1	27.3	27.3	5.33	5.32	5.30	82.7	82.5	80.5	33.4	33.4	1.05	1.07		12	11		
CW2 M	15:33	-	11	5.5	27.1	27.1	5.27	5.29		78.3	78.5		33.7	33.7	1.14	1.16	1.16	9	11	10	
CW2 B	15:35			10	26.5	26.5	5.14	5.13	5.14	76.0	75.9	76.0	33.8	33.8	1.25	1.30		11	9		
Equipmer	t used:	Dissolved O	kygen Mete	er:	EM	6167		Calibrati	on Check:		100	100%:					Sampled	By:	Chow K	in Pong	
							•										·				-
		Turbidity Me	ter:		EM	2365		Calibrati	on Check:		9.8	NTU					Checked I	By:	Raymor	id Dai	
		Turbidity Me			EM	2365			on Check: on Check:		9.8 35.3						Checked I		Raymor 6-Aug-0		-
			r:			2365 6167 6167					9.8 35.3								Raymor 6-Aug-0		-
		Salinity Mete	r:		EM	6167															-
Project:	Contract	Salinity Mete	r: r:		EM EM	6167 6167		Calibrati	on Check:		35.3		Construc	ction Co.,	Ltd.						-
		Salinity Mete	r: r: 02 Recons	truction of W	EM EM	6167 6167 ek and Ko) Lau Wa	Calibrati	on Check:		35.3 Client:	ppt					Date:	J429	6-Aug-0		-
Date of		Salinity Mete Thermomete No. CV/2004/	r: 02 Recons	truction of W	EM EM /ong She eather C	6167 6167 ek and Ko ondition:) Lau Wa	Calibrati n Public	on Check: Piers	Dissolve	35.3 Client: Ambier	ppt <u>Kin Shing</u> nt Tempera		28		, NTU	Date: Job No.:	J429 Mid-Ebb	6-Aug-0	5	Remarks
Date of Station	Sampling	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: 02 Recons	truction of W	EM EM /ong She eather C Tempera	6167 6167 k and Kc ondition: ature, °C	Diau Wa Raining Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers		35.3 Client: Ambier d Oxyger b	ppt Kin Shing ht Tempera	ature,⁰C: Salinity,	28 ppt b	Turbidity	, NTU	Date: Job No.: ide State:	J429 Mid-Ebb	6-Aug-0	5 - Is, mg/L	Remarks
Date of Station MW1 S	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: 02 Recons	truction of W	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Lau Wa Raining Dissolve	Calibrati n Public	on Check: Piers	а	35.3 Client: Ambier	ppt Kin Shing ht Tempera	ature,°C: Salinity, a	28 ppt	Turbidity a	, NTU b	Date: Job No.: ide State:	J429 Mid-Ebb Suspenc	6-Aug-0	5 Is, mg/L Depth	Remarks
Date of Station MW1 S MW1 M	Sampling: Time	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m	truction of W	EM EM /ong She eather C Tempera a	6167 6167 ek and Ko ondition: ature, °C b	Diau Wa Raining Dissolve a	Calibrati n Public d Oxyge b	on Check: Piers n, mg/L Average	а	35.3 Client: Ambier d Oxyger b	ppt Kin Shing nt Tempera n, % Average	ature,°C: Salinity, a	28 ppt b	Turbidity a	, NTU b	Date: Job No.: ïide State: Average	J429 Mid-Ebb Suspenc	6-Aug-0	5 is, mg/L Depth Average	Remarks
	Sampling: Time 8:40	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m	truction of W	EM EM /ong She eather C Tempera a 28.1	6167 6167 ek and Ko ondition: ature, °C b 28.1	Dissolve A.77	Calibrati n Public d Oxyge b 4.72	n, mg/L Average	a 72.9	35.3 Client: Ambien b 73.0	ppt Kin Shing nt Tempera n, % Average 73.0	ature,°C: Salinity, a 33.2	28 ppt b 33.3	Turbidity a 1.28	, NTU b 1.36	Date: Job No.: ïide State: Average	J429 Mid-Ebb Suspend	6-Aug-0	5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B	Sampling: Time 8:40 8:43	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m	truction of W	EM /ong She eather C Tempera a 28.1 27.7	6167 6167 ek and Ko ondition: ature, °C b 28.1 28.1	A Lau Wa Raining Dissolve a 4.77	Calibrati n Public d Oxyge b 4.72 4.52	n, mg/L Average	a 72.9 69.2	35.3 Client: Ambieu b 73.0 69.6	ppt Kin Shing nt Tempera n, % Average 73.0	Salinity, a 33.2 33.3	28 ppt b 33.3 33.3	Turbidity a 1.28 1.60	, NTU b 1.36 1.65	Date: Job No.: ïide State: Average	J429 Mid-Ebb Suspend 9 12	6-Aug-0 Jed Solic	5 is, mg/L Depth Average	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S	Sampling: Time 8:40 8:43 8:27	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9	6167 6167 ek and Ko ondition: ature, °C b 28.1 27.8 27.9	Lau Wa Raining Dissolve a 4.77 4.48 6.27	Calibrati n Public d Oxyge b 4.72 4.52 6.25	n, mg/L Average 4.75 4.50	a 72.9 69.2 96.4	35.3 Client: Ambien d Oxygen b 73.0 69.6 96.3	ppt Kin Shing nt Tempera 7, % Average 73.0 69.4	ature, °C: Salinity, a 33.2 33.3 33.3	28 ppt 33.3 33.3 33.3	Turbidity a 1.28 1.60 1.57	, NTU b 1.36 1.65 1.60	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspend 9 12 15	6-Aug-0 ded Solid	5 is, mg/L Depth Average 10	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M	Sampling: Time 8:40 8:43 8:27 8:30	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9 27.7	6167 6167 ek and Ko ondition: ature, °C b 28.1 27.8 27.9 27.7	Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15	Calibrati n Public b 4.72 4.52 6.25 6.14	on Check: Piers n, mg/L Average 4.75 4.50 6.20	a 72.9 69.2 96.4 93.1	35.3 Client: Ambiei b 73.0 69.6 96.3 93.0	ppt Kin Shing nt Tempera Average 73.0 69.4 94.7	ature, °C: Salinity, a 33.2 33.3 33.3 33.3 33.6	28 ppt b 33.3 33.3 33.3 33.3 33.3	Turbidity a 1.28 1.60 1.57 1.82	, NTU b 1.36 1.65 1.60 1.80	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspenc 9 12 15 7	6-Aug-0	5 is, mg/L Depth Average 10	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B	Sampling: Time 8:40 8:43 8:27 8:30 8:32	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9 27.7 27.4	6167 6167 6k and Kc ondition: ature, °C b 28.1 27.8 27.8 27.9 27.7 27.4	2 Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15 3.41	Calibrati n Public d Oxyge b 4.72 4.52 6.25 6.14 3.39	on Check: Piers n, mg/L Average 4.75 4.50 6.20	a 72.9 69.2 96.4 93.1 51.4	35.3 Client: Ambiel b 73.0 69.6 96.3 93.0 51.3	ppt Kin Shing nt Tempera Average 73.0 69.4 94.7	ature, °C: Salinity, a 33.2 33.3 33.3 33.6 34.2	28 ppt 33.3 33.3 33.3 33.3 33.5 34.2	Turbidity a 1.28 1.60 1.57 1.82 2.14	, NTU b 1.36 1.65 1.60 1.80 2.12	Date: Job No.: ide State: Average	J429 Mid-Ebb Suspenc 9 12 15 7 14	6-Aug-0 Jed Solici 10 9 14 8 13	5 is, mg/L Depth Average 10	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S	Sampling: Time 8:40 8:43 8:27 8:30 8:32	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4 9	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9 27.7 27.4	6167 6167 6k and Kc ondition: ature, °C b 28.1 27.8 27.8 27.9 27.7 27.4	2 Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15 3.41 4.96	Calibrati n Public d Oxyge b 4.72 4.52 6.25 6.14 3.39 4.95	on Check: Piers Average 4.75 4.50 6.20 3.40	a 72.9 69.2 96.4 93.1 51.4	35.3 Client: Ambiel b 73.0 69.6 96.3 93.0 51.3 76.2	ppt Kin Shing nt Tempera Average 73.0 69.4 94.7 51.4	ature, °C: Salinity, a 33.2 33.3 33.3 33.6 34.2	28 ppt 33.3 33.3 33.3 33.3 33.5 34.2	Turbidity a 1.28 1.60 1.57 1.82 2.14	, NTU b 1.36 1.65 1.60 1.80 2.12	Date: Job No.: ide State: 1.47 1.84	J429 Mid-Ebb Suspenc 9 12 15 7 14	6-Aug-0 Jed Solici 10 9 14 8 13	5 s, mg/L Depth Average 10 12	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 S CW1 M	Sampling: Time 8:40 8:43 8:27 8:30 8:32 8:35 8:37	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4 9	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9 27.7 27.4 28.1 28.1	6167 6167 6k and Ko ondition: ature, °C b 28.1 27.8 27.9 27.7 27.4 28.1 28.1	Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15 3.41 4.96 4.78	Calibrati n Public d Oxyge b 4.72 4.52 6.25 6.14 3.39 4.95 4.74	on Check: Piers n, mg/L Average 4.75 4.50 6.20 3.40 4.96	a 72.9 69.2 96.4 93.1 51.4 76.5 73.4	35.3 Client: Ambiei b 73.0 69.6 96.3 93.0 51.3 76.2 73.2	ppt Kin Shing nt Tempera 73.0 69.4 94.7 51.4 76.4	ature, °C: Salinity, a 33.2 33.3 33.3 33.6 34.2 33.1 33.4	28 ppt b 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3	Turbidity a 1.28 1.60 1.57 1.82 2.14 1.68 2.09	1.36 1.65 1.60 2.12 1.70 2.14	Date: Job No.: ide State: 1.47 1.84	J429 Mid-Ebb Suspend 9 12 15 7 14 11 11 7	6-Aug-O Jed Solico 10 9 14 8 13 16 5	5 s, mg/L Depth Average 10 12	Remarks
Date of Station MW1 S MW1 M MW2 B MW2 M MW2 M MW2 B CW1 S CW1 S CW1 B CW1 B	Sampling: Time 8:40 8:43 8:27 8:30 8:32 8:35 8:37 8:47	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons Overall Depth, m 4 9	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.7 27.4 28.1 28.1 28.1 28.1	6167 6167 6167 ek and Ko ondition: ature, °C b 28.1 27.8 27.9 27.7 27.4 28.1 28.1 28.1 28.1	2 Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15 3.41 4.96 4.78 5.45	Calibrati n Public d Oxyge b 4.72 4.52 6.25 6.14 3.39 4.95 4.74 5.50	on Check: Piers n, mg/L Average 4.75 4.50 6.20 3.40 4.96	a 72.9 69.2 96.4 93.1 51.4 76.5 73.4 84.2	35.3 Client: Ambiel b 73.0 69.6 96.3 93.0 51.3 76.2 73.2 84.5	ppt Kin Shing nt Tempera 73.0 69.4 94.7 51.4 76.4	ature, °C: Salinity, a 33.2 33.3 33.3 33.6 34.2 33.1 33.4 33.4 33.3	28 ppt b 33.3 33.3 33.3 33.5 34.2 33.1 33.4 33.4 33.3	Turbidity a 1.28 1.60 1.57 1.82 2.14 1.68 2.09 1.75	NTU b 1.36 1.65 1.60 1.80 2.12 1.70 2.14 1.76	Date: Job No.: Tide State: Average 1.47 1.84	J429 Mid-Ebb Suspence 9 12 15 7 14 11 7 14 11	6-Aug-0 jed Solic 10 9 14 8 13 16 5 13	5 is, mg/L Depth Average 10 12 12	Remarks
Date of Station MW1 S MW1 M MW1 B MW2 S MW2 M MW2 B CW1 S CW1 M	Sampling: Time 8:40 8:43 8:27 8:30 8:32 8:35 8:37	Salinity Mete Thermomete No. CV/2004/ 30/7/2005	r: D2 Recons D2 Recons Overall Depth, m 4 9 4	truction of W	EM EM /ong She eather C Tempera a 28.1 27.7 27.9 27.7 27.4 28.1 28.1	6167 6167 6k and Ko ondition: ature, °C b 28.1 27.8 27.9 27.7 27.4 28.1 28.1	Lau Wa Raining Dissolve a 4.77 4.48 6.27 6.15 3.41 4.96 4.78	Calibrati n Public d Oxyge b 4.72 4.52 6.25 6.14 3.39 4.95 4.74	on Check: Piers n, mg/L Average 4.75 4.50 6.20 3.40 4.96 4.76	a 72.9 69.2 96.4 93.1 51.4 76.5 73.4	35.3 Client: Ambiei b 73.0 69.6 96.3 93.0 51.3 76.2 73.2	ppt <u>Kin Shing</u> nt Tempera n, % Average 73.0 69.4 94.7 51.4 76.4 73.3	ature, °C: Salinity, a 33.2 33.3 33.3 33.6 34.2 33.1 33.4	28 ppt 33.3 33.3 33.3 33.3 33.5 34.2 33.1 33.4	Turbidity a 1.28 1.60 1.57 1.82 2.14 1.68 2.09	1.36 1.65 1.60 2.12 1.70 2.14	Date: Job No.: ide State: 1.47 1.84	J429 Mid-Ebb Suspend 9 12 15 7 14 11 11 7	6-Aug-O Jed Solico 10 9 14 8 13 16 5	5 s, mg/L Depth Average 10 12	Remarks

Equipment used.	Dissolved Oxygen Meter.	EIVI	6167	Calibration Check.	100	100%.	Sampled By.	Chow Kin Polig
	Turbidity Meter:	EM	2365	Calibration Check:	9.8	NTU	Checked By:	Raymond Dai
	Salinity Meter:	EM	6167	Calibration Check:	35.3	ppt	Date:	6-Aug-05
	Thermometer:	EM	6167					



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 August 2005

Sunday	Monday	Tuesday		Wednesday	Thursday	Friday	Saturday
31	1		2	3	4	5	6
	WQM ³			WQM ³		WQM ³	
	(Ebb: 10:14)			(Ebb: 11:43)		(Ebb: 12:58)	
	(Flood: 17:16)			(Flood: 18:41)		(Flood: 19:37)	
7	8		9	10	11	12	13
		2			2		2
		WQM ³			WQM ³		WQM ³
		(Ebb: 15:07)			(Ebb: 16:18)		(Ebb: 17:51)
		(Flood: 8:22)			(Flood: 10:00)		(Flood: 12:12)
14	15		16	17	18	19	20
	2			2		3	
	WQM ³			WQM ³		WQM ³	
	(Ebb: 9:13)			(Ebb: 09:42)		(Ebb: 12:00)	
	(Flood: 17:10)		<u></u>	(Flood: 17:39)	25	(Flood: 18:51)	
21	22		23	24	25	26	27
		word3					
		WQM ³ (Ebb: 15:00)			WQM ³ (Ebb: 16:17)		WQM ³ (Ebb: 6:12)
		(Ebb. 13.00) (Flood: 8:37)			(Flood: 10:20)		(Ebb. 0.12) (Flood: 13:07)
28	29		30	31			(Flood: 15:07)
28	29		30	51			
		WQM ³					
		(Ebb: 9:47)					
		(Flood: 16:38)					

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))