

# CONTRACT NO: CV/2004/02

# RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

# ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (WONG SHEK)

- SEP 2005 -

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| Subject  | Contract No. CV/2004/02<br>Reconstruction of Wong Shek and Ko L<br>Monthly EM&A Summary Report   | .au Wan Public                               | Piers                          | ,*   |
| through e reports.   | to September 05 EM&A reports for Wong Shemail on 12 November 2005 and are pleased<br>bu require further information, please feel free<br>ards, | to confirm we h                              | Lau Wan Pier<br>ave no further | that we received<br>comment on the         |
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# EXECUTIVE SUMMARY

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

## Water Quality Monitoring

26 water quality monitoring events in terms of turbidity, dissolved oxygen, suspended solids, temperature, and salinity was carried out at MW1, MW2, CW1 and CW2 at Wong Shek except on 24 Sep which could not be done due to typhoon signal hoisting.

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

No C&D materials was produced and disposed of at public fill or 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

4 site inspections were conducted by the Environmental Team (ET) in this reported period. An audit by the Independent Environmental Checker (IEC) was conducted on 30 Sep 2005 with the Engineers' Representative and the Environmental Team. Major observations are summarised in the following table. Major observations by the ET, actions by the Contractor and outcome are summarized in the following table.

| Item | Date   | Observations                       | Action taken by Contractor | Outcome |
|------|--------|------------------------------------|----------------------------|---------|
| -    | 3-Sep  | No particular finding              | -                          | -       |
| -    | 9-Sep  | No particular finding              | -                          | -       |
| -    | 17-Sep | No particular finding              | -                          | -       |
| -    | 26-Sep | Postponed to 30 Sep due to typhoon | -                          | -       |
| -    | 30-Sep | No particular finding              | -                          | -       |

## Future Key Issues

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

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



## 1 INTRODUCTION

## 1.1 SCOPE OF THE REPORT

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

This report presents the environmental monitoring and auditing work carried out 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 Sep 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<br>Checker (IEC) | Joseph T L Poon | 2452 7140   | 2450 6138   | 9450 1968  |
| Environmental Team Leader<br>(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
- Pile loading test

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

### 3.2 IMPLEMENTATION OF POLLUTION CONTROL / MITIGATION MEASURES

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



## 4 MONITORING REQUIREMENTS

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

## 4.1 WATER QUALITY MONITORING

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

## Table 4.1a Water Quality Monitoring Stations

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

## Monitoring Methodology

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

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

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

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



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

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

## Monitoring Equipment

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

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

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

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

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



## Laboratory Analysis

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

## Table 4.1bLaboratory Test Procedures

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



### 4.2 MONITORING PARAMETERS AND FREQUENCY

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

### Table 4.2Water Quality Monitoring Parameters and Frequencies

| Station(s)           | Parameter  | Frequency   |
|----------------------|--|---|
| MW1, MW2<br>CW1, CW2 | DO, Temperature,<br>Salinity, Turbidity,<br>Suspended Solids,<br>Water Depth | For piling or demolition works<br>3 days per week at mid-flood and mid-ebb<br>For marine works other than piling or demolition works<br>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<br>(Surface, Middle &<br>Bottom) | <u>Surface &amp; Middle</u><br>For Wong Shek – 6.96  | <u>Surface &amp; Middle</u><br>For Wong Shek – 6.69  |
|   | Bottom<br>For Wong Shek – 6.93   | <u>Bottom</u><br>For Wong Shek – 6.71  |
| Turbidity (depth-<br>averaged)                    | For Wong Shek – 1.47 or 120% of<br>upstream control station's Tby at the<br>same tide of same day, whichever is<br>lower | For Wong Shek – 4.05 or 130% of<br>upstream control station's Tby at the<br>same tide of same day, whichever is<br>lower |
| Suspended Solids (depth-averaged)                 | For Wong Shek – 6.85 or 120% of<br>upstream control station's SS at the<br>same tide of same day, whichever is<br>lower  | For Wong Shek – 8.85 or 130% of<br>upstream control station's SS at the<br>same tide of same day, whichever is<br>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 – Sep 05

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

Note:

• X: Monitoring conducted

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



## 5 MONITORING RESULTS

## 5.1 WATER QUALITY MONITORING RESULTS

Water quality monitoring was carried out on 26 occasions at stations MW1, MW2, CW1 and CW2. Calculated water quality monitoring results in this reporting period are reviewed and summarized in **Tables 5.1a and 5.1b**. Details of measured and tested results can be referred in <u>Appendix D</u>. Graphical trend is presented in <u>Figure 5.1a – 5.1h</u>.

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

| Station | Averaged DO<br>Surface & Middle<br>(mg/L) | Averaged DO<br>Bottom (mg/L) | Averaged<br>Turbidity (NTU) | Averaged<br>Suspended Solids<br>(mg/L) |
|---------|---|------------------------------|-----------------------------|--|
| MW1     | 5.18                                      | 4.72                         | 1.61                        | 18.3                                   |
| MW2     | 5.27                                      | 3.93                         | 1.50                        | 15.6                                   |
| CW1     | 5.09                                      | 4.78                         | 1.55                        | 14.7                                   |
| CW2     | 5.33                                      | 3.82                         | 1.57                        | 18.3                                   |

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

| Station | Averaged DO<br>Surface & Middle<br>(mg/L) | Averaged DO<br>Bottom (mg/L) | Averaged<br>Turbidity (NTU) | Averaged<br>Suspended Solids<br>(mg/L) |
|---------|---|------------------------------|-----------------------------|--|
| MW1     | 5.30                                      | 4.97                         | 1.43                        | 16.0                                   |
| MW2     | 5.04                                      | 4.15                         | 1.50                        | 15.7                                   |
| CW1     | 5.06                                      | 4.74                         | 1.41                        | 16.9                                   |
| CW2     | 5.19                                      | 3.89                         | 1.51                        | 15.2                                   |

5.2

## WASTE MONITORING RESULTS

No C&D materials was produced and disposed of at public fill or 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) – Sep 05

| Station | Averaged DO<br>Surface & Middle | Averaged DO<br>Bottom | Averaged<br>Turbidity | Averaged<br>Suspended<br>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) – Sep 05

| Station | Averaged DO<br>Surface & Middle | Averaged DO<br>Bottom | Averaged<br>Turbidity | Averaged<br>Suspended<br>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 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 extraordinary low DO value at WM2 dated 1 Sep is affected by the low value of the middle depth sample, possibly caused by drastic fluctuation due to monsoon effect, causing large degree of variation in water current or tidal effect.

The observed exceedance for turbidity and suspended solids are respectively within 1.5 NTU and 25 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.

The ET carried out 4 inspections during this reporting period. An audit was undertaken by the IEC on 30 Sep 2005. The results of these inspections and outcomes are summarized in *Table 7*.

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

| Item | Date   | Observations                       | Action taken by Contractor | Outcome |
|------|--------|------------------------------------|----------------------------|---------|
| -    | 3-Sep  | No particular finding              | -                          | -       |
| -    | 9-Sep  | No particular finding              | -                          | -       |
| -    | 17-Sep | No particular finding              | -                          | -       |
| -    | 26-Sep | Postponed to 30 Sep due to typhoon | -                          | -       |
| -    | 30-Sep | No particular finding              | -                          | -       |



8

### COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

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

#### Table 8aEnvironmental Complaints Log

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

#### Table 8b Cumulative Statistics on Complaints

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

#### Table 8c Cumulative Statistics on Successful Prosecutions

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

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

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



## 9 FUTURE KEY ISSUES

The scheduled construction activities and the recommended mitigation measures for Sep 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 – Sep 2005

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



## 10 CONCLUSION

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

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

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



Figure 2.1

Location Plan



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



Figure 2.3

Master Construction Programme

| ontract No.: CV/2004/02<br>construction of Wong Shek and<br>o Lan Wan Public Piers |                 | Mas                        | ter Progr<br>(Version 2) | amme           |   | Contractor: Kin Shing Construction Co. 1.<br>Commencement Date: 15th Nov 20<br>Completion Date: 6th Aug 20<br>Programme Date: 21st Feb 20  |
|--|-----------------|----------------------------|--------------------------|----------------|---|--|
| Ťnét Nux.  | Diction         | Shri Finna                 | Perdecesses              | NIN NIN N      | 1. yi bo                                      | ne ne 100 km i 100 km<br>I 100 km i 10  |
| Commencement of the Works  | I they          | Mon 04/11/15 Mon 04/11/15  |                          | 1 🔶 11 No      | # 12<br># 121 A 1 # 1   # 1   W 1   M 2   # 3 | a ta katan 1 mia mia mia mia mia ha kata mia mia mia mana mia mia mia mia mia mia mia mia mia mi   |
| Completion of Section 1 (Woog Size: Public Pier)                                   | l day           | Sun 06/8/6 Sun 06/8/6      |                          |                |   | 4  |
| Completion of Section 2 (Ko Lan Was Public Pier)                                   | I day           | Sam 06/8/6 Sun 06/8/6      |                          |                |   |  |
| Preliminary  |                 |                            | (10) -1 Common +1 (10)   |                |   |  |
| Establishment of Englager's Principal Sile Office                                  | 994 days        | 'Tue 04/11/16 Moa 07/8/6   |                          | \$ (¥)         |   | INTERNAL AND   |
| Suburission and approval   | 21 days         | Tue 04/11/16 Mon 04/12/6   |                          | 6 33153755     | izra,   |  |
| Provision  | 8 days          | Tue 04/12/7 Tue 04/12/14   | 0                        |                | 7 22001                                       |  |
| Servicing during construction period   | 600 days        | Wed 04/12/15 Sun 06/3/6    | 2                        | 1              | * EXTEXACTORX                                 | District Colligion and the second   |
| Servicing during maintenance period  | 364 days        | Mae 06/8/7 Sun 02/3/5      | a                        |                |   | r  |
|  | l day           | Мов 07/8/6 Мов 07/8/5      | . u                      |                |   |  |
| Secondary Office   | 582 days        | Maa 05/1/3 Mea 06/8/7      |                          |                | n (V)um                                       | UDISANAS ATTAKA MANANASA DA MANANASA NA KANASA MANANASA MANANASA MANANASA MANANA   |
| Sultiniasica and approval  | £5 days         | Moat 05/1/3 Mon (15/1/17   |                          | 1              | 13 IVERT                                      | 823h   |
| Provision  | 28 days         | Tue 05/1/18 Mon 05/2/14    | 12.15                    | 1              |   | ា វីលែនយើលាក្រ   |
| Servicing  | 538 days        | Tue 05/2/15 Son 06/8/6     | n                        |                | £ 1   | 14 ให้สุดรู้สุดรู้สุดรู้สุดสุดรู้สุดร<br>สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดร<br>สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู้สุดรู   |
| Decommissioning  | 1 day           | Moar 06/8/7 Moar 06/8/7    | H                        |                | E   |  |
| Provision of Contractor's accommudation  | 602 days        | Mon 04/12/13 Sub 06/8/6    |                          | 1              | 16 TERRETERSEE                                | a a second a second de la seconda de la s  |
| fultial survey   | 20 days         | Wed 04/12/15 Man 05/1/3    |                          |                | 17 (2000000000000000000000000000000000000     | - i i  |
| Erection of boarding and project signbaard at Por. A                               | 34 days         | Mon 05/1/31 8at 05/3/5     | - 17                     |                |   | 18 TELEVESTERE TITTEN  |
| Frection of hearding and project signboard at For. B                               | 13 days         | Mon 05/1/21 Sat 05/3/5     |                          | 1              |   | 10 17922230  |
| Application and Installation of dectrical system                                   | 75 déys         | l/ri 04/12/31 "Twe 05/3/15 |                          | 1              | 50 PERSENT                                    | TFREETERSTERSTERSTERSTERSTERSTERSTERSTERST   |
| Application and installation of water supply system                                | 75 days         | Son 05/1/16 Tho 05/3/31    |                          | 1.6            | 21  | FITTERENE ENTERSTER FITTERE FITTER   |
| Application and installation of telephone fines                                    | 75 days         | Sun 05/1/16 Thu 05/3/31    |                          | 1              | 27  | · CITIZZZIARENTZIARENTERTERTERTERTE  |
| Notification of parties in concern   | 34 days         | Wed 04/12/1 Fri 04/12/31   |                          | 23             | 322 622 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2     |  |
| Application for prinningation of Marine Department Notice<br>for Wong Shek         | 71 days         | Vri 04/12/17 Fri 05/2/25   |                          |                | 24 12202.000.0010038                          | ANIMAN PROPERTY AND A CONTRACT OF A  |
| Application for promotyation of Marine Department Notice<br>for Ko Loo Wan         | 65 days         | Pci 04/12/17 Snt 05/2/19   |                          |                | 32 <i>47121242214</i>                         | anananan   |
| Environmental Alemitaring  | 658 days        | Mon 04/11/15 Sun 46/9/3    |                          | 20 9 10/10/10  | di sudana di suba                             | ACCOUNTS AND FRANKING STORE AND A STREET AND A  |
| Submission and approval of ES and IC(Env)  | dd days         | Mon 04/11/15 Tee 04/12/28  |                          | 27 245645642   | asaaanna                                      |  |
| Endorsement of EM&A prograal   | 12 days         | Wed 0491229 Sun 05/1/9     | 27                       | 1 1            | 28 <b>1</b> 9519                              |  |
| Basefine water quality monitoring  | 26 days         | Mon 05/1/10 thi 05/2/4     | 31                       |                | 29 128  | 22100229223  |
| Preparation and approval of baseline report  | 21 days         | Sat 05/2/5 Pri 05/2/25     | 29                       | 1 (K           | 1   | in transmits   |
| Impaci ingenterieg   | 527 days        | Snt 05/2/26 Sun 06/8/6     | 19                       | 1              |   | i torner and an and a second and a second se |
| Post construction manifering   | 2.8 days        | Mon 06/8/7 Snut 06/9/3     | 51,110,202               |                |   |  |
| Section 1 (Wong Shek Public Pler)  |                 |                            |                          |                | 10<br>10                                      |  |
| Temporary cover to existing pier   | 121 days        | Man 04/11/15 Tac 05/3/15   |                          | 34 (V) HUVE    |   |  |
| Design and ICE checking  | 66 daya         | Men 04/11/15 Wed 05/1/19   |                          | 38 92002A      | ununnainma                                    | 223  |
|  | Rogen           | Summer                     | ()                       | Croical Tak (S | x 1.4.75 302222222222222                      | Couco Task Sec 23 WWWWWWW  |
| nr Einanta mine (Min zani 2)<br>Split  | Concentration M | ilesano 🔶 Completion       |                          | Crizkal Tak (S |   |  |

| econs    | act No.: CV/20<br>struction of W<br>u Wan Public | ong Shek and                                   |                  |               | Mas          | ter Pr<br>(Versi                        |  |  |                                |   | . Commer<br>Co<br>Pro                   | Shing Coust<br>accment Date<br>ompletion Date<br>ogramme Date | :: 15th Nov 20<br>te: 6th Aug 20<br>te: 21st Feb 20 | 1004<br>1000<br>1000 |
|----------|--|--|------------------|---------------|--------------|---|--|--|--------------------------------|---|---|---|---|----------------------|
|          |  | Zesk Strm.                                     | Currier:         | Stact         | Einith       | * molecen                               | 5785 July 1 2014   | willion in the second s | 105 2514<br>Classification 100 | ni ni nek   | US Nor<br>With Washington Wash          | 1 V/ A/(<br>wm/w201//21/3/21/9/21                             | 105 200<br>15 W 1 5 W 20 1 5 W 15 W                 | 11929                |
|          | Submission for En                                | gineel,s containe r                            | 30 days          | This 05/1/20  | Fri 05/2/18  | 135                                     |  | en i para secondo con  | 36                             | Tanana  |   | 1   |   |                      |
|          | Festion  |  | 20 days          | Sat 05/2/19   | Thu \$5/3/10 | 1)e                                     |  | 141  |                                | 37  | UTITA                                   | 1   |   |                      |
|          | Certified by ICE a                               | id commissioning                               | 5 days           | Pri 05/3/11   | Tue 05/3/15  | 112                                     |  | 8  |                                | 1   | 1 38                                    | 1   | - 22<br>  |                      |
| P        | Provision of tempora                             | ry bertik                                      | 192 days         | Man 04/11/15  | Wed 05/5/25  |   | 1.0  |  |                                | CALCULATION OF COMPANY  | MINISTER OF                             | STATISTICS IN CONTRACTOR                                      | WILLBRALLANARAR (*)                                 | <u>9</u>             |
|          | Design and ICII of                               | ocking of temporary berth                      | 60 days          | Man 04/11/15  | Wed 05/2/2   | Reiz                                    | i contra de la con | 40 025555525555555555555   |                                | errenth   |   | 2   |   |                      |
|          | Sultanission for En                              | gineer's comment                               | 41 days          | Thu 05/2:3    | Tue 05/3/15  | in .                                    |  |  |                                | 41 128288833388   | in the second                           | i.  | 1.4   |                      |
|          | Piling   |  | 40 days          | Wod 05/3/16   | Stut 05/4/24 | 34,29,23,41,38                          |  |  |                                |   | 42 3                                    | 000000000000000000000000000000000000000                       | a :   | 10                   |
|          |  | and installation of fenders                    | 25 days          | -Mon 05/4/25  | Thu 05/5/19  | φ                                       | ·····  |  | 5                              |   |   | - 43  | inams   |                      |
| 3        | Relocation of navi                               | adion light by Marine Dapt.                    | 66 days          | Wed 05/3/16   | Pri 05/5/20  |   |  |  |                                |   | H (W)                                   | No. of Concession, Name                                       |   | ÷                    |
|          |  | Maxine Department                              | 65 days          | Wed 05/3/16   | Thu 05/5/19  | · • • • • • • • • • • • • • • • • • • • |  |  |                                |   | 45 [2]                                  | 100000000000000000000000000000000000000                       | ATT232222222222                                     | - 020                |
| 5366     | Relocution wo                                    |  | L day            | Pri 05/5/20   | Fri 05/5/20  | 13,45                                   |  |  |                                |   |   |   | 46 5  | - 242.<br>- 148      |
|          |  | esting and commissioning of berth              | 5 days           | Sat 05/5/21   | Wed 05/5/25  |   | Contract of the  |  | 1                              | ÷   |   |   | 17 221  |                      |
|          | Ground Investigation                             |  | 110 days         | Wed 04/12/29  | Sun 05/4/17  |   |  |  | 48 WASABAARA                   | 0880 - 708  |   | -   |   | -                    |
|          | Submission for En                                | 승규가 잘 잘 알 수 있는 것을 것 같아요. 그 것 같아요. 나는 것 같아.     | 59 days          | Wed 04/12/29  | Pri 05/2/25  |   |  |  | 2000                           |   | 14.532                                  | 1 ~   |   | 1                    |
|          | Ground uncetigati                                |  | 20 days          | Sat 05/2/26   | Thu 05/3/17  | (2,14,75                                |  | 12   | in production                  |   | LO EURAXOZANDI                          | 8 B   | 18 1  |                      |
|          | Preparation and ap                               |  | 10 days          | Fri 05/3/18   | Suct 05/3/27 | 38                                      |  | 17   |                                |   | 1 31                                    | 1325.   | - 45  |                      |
|          |  | arts and determine pile founding levels        | 21 days          | Mon 05/3/28   | Sin1 05/4/17 | 9                                       | encoste 🕴  |  |                                |   |   | S2 PERTENDEN  | l   |                      |
|          | Colling for permanent                            | nier   | 282 days         | Sat 05/1/1    | Sun 05/10/9  |   |  |  | 53 ( <b>*</b> MUMPHER          |   |   |   | In the second second second                         |                      |
|          |  | thod statement for pring                       | 33 daya          | Sat 05/1/1    | Wed 05/2/2   |   | and the second   |  | M FEIDENTE                     | En la sector  |   | 1   |   |                      |
|          | Submission for Er                                |  | 112 days         | The U5/2/3    | Wed 05/5/25  | ······                                  |  |  | . An Address                   | and a second second second  | 121212222222222                         |   | ***************                                     |                      |
| 8        | Vertical prelimina                               |  | 15 days          | Thu 05/5/26   | 1hu 05%69    | 47,52,55,327                            | ++++   |  |                                |   | 1                                       |   | 36 3  | E i                  |
| £        |  | nving land plant (E1, H4, E2, H2)              | 30 days          | Toe 05/6/28   | Wed 05/7/27  |   | Carlas, Michael  |  | 1                              |   |   | 1   |   | Lao<br>I             |
| 1        |  | (A11, B8, B11, C8, C11, D8, D11)               | 18 days          | Sun 0546/19   | Wed 05/7/6   | 128                                     |  |  |                                |   |   | 2.74  | 1   |                      |
| 2        | Temporary platfor                                |  | 21 days          | 'Thu 05/3/7   | Wed 05/7/27  | 18                                      | encenning of   |  |                                |   | 8.9                                     | 3   | 1   | 8                    |
| 2        |  | (remaining 14 uos.)                            | 35 days          | Thu 05/7/7    | Wed 05/8/10  |   |  |  | 1                              |   |   | 1   | 1   | 12                   |
|          |  | y piles and testing (B10)                      | 15 days          | Thu 05/7/28   | Thm 05/8/11  | \$2,30                                  | and the  |  | 1                              | -45   | 1 I I I I I I I I I I I I I I I I I I I |   |   |                      |
| 1        |  |  | 44 days          | Fri 05/8/12   | Sat 05/9/24  | 64                                      |  |  |                                |   |   |   |   | 84                   |
| 2        | Ralang main piles                                |  | 15 days          | Sun 05/9/25   | Sun 05/10/9  | 63                                      | · · · · · · · · ·  |  |                                |   |   | 4   |   |                      |
| t        | Pile test for main                               |  | A STATE OF STATE |               |              | allanna.                                |  |  | 1                              |   |   |   |   | 12                   |
| 1        | Construction of pile                             |  | 212 days         | Fri 05/6/10   | Sat 06/1/7   | 51 G. B.S                               |  |  |                                | 1   | 11月 日                                   |   |   | 1                    |
|          |  | aproval of precast yard                        | 61 daya          | Fri OSite I U | Tue 05/8/9   |   | A 1997   |  |                                |   | 8 B                                     |   |   |                      |
| Ι.,      |  | units at precast yard                          | 61 days          | Wed 05/8/10   | Sun 05/10/9  |   |  |  | 1                              |   |   | 1   | 1   |                      |
| 85       | erm-tertied.                                     | recking of falsework for pile cap and deck     | 62 days          | Sun 05/7/10   | Fri 05/9/9   | 1                                       |  |  | 1                              | 1   |   |   | 1   |                      |
|          | Submission of cal                                | eplation and method statement for              | 30 days          | Sat 0.5/9/ J0 | Sen 05/10/9  | 62                                      |  | ÷1   |                                |   |   | 2   | 1   | 1                    |
|          | Erection of talsee                               | al<br>roll, for installation of precast units. | 20 days          | Man 05/10/10  | Sat 05/10/29 | 08,63                                   |  | 11<br>10   |                                | 1   |   |   |   |                      |
| 115      |  | 11111111111111111111111111111111111111         |                  |               | ******       |   | and the second   | terminate of the   |                                |   |   |   |   | des.                 |
| a ara No | 0.0002004002                                     | Kerni Tak (RRSTRING)                           | I Pragress       | 1             | Sterning     | 4 - V                                   | (V) BRABBARK (V)   | Childal Tada (Sep 1 & 2)   | 800038339253                   | Crisicial Trak (Sec 2)  | ND771223                                | 825   |   |                      |
| derities | ganette Version 21                               | Sulit  | Commencement     |               | 40.000       | en Milenaue                             | *  | Ontical Tests (See 1)  | 27/1/22/228                    | (white and the second se | THERE                                   | 1221  |   |                      |

| teco            | tract No.: CV/2004/02<br>instruction of Wong Shek and<br>lau Wan Public Plers |              |                            | Mas                      | (Version 2)                                     |  |               |                   |                        | Comme<br>C<br>Pi | n Shing Con<br>ncement Da<br>completion I<br>cogramme D | te: 15th N<br>Jate: 6th A<br>Jate: 21st F | ov 200<br>ug 200<br>eb 200 |
|-----------------|---|--------------|----------------------------|--------------------------|---|--|---------------|-------------------|------------------------|------------------|---|---|----------------------------|
| n î             | Task Mein:  | Dection      | \$°m                       | FIRES                    | Prodecessacs                                    |  | TH TH         | Day United Target | vo<br>wolwalwiziwisiw, | NG M             | u<br>Joint Joint  | 22 32 33<br>929 105 10 25 10 25 10        | tas<br>Intiadalwa          |
| = 1             | Installation of precast units with in-situ pile caps                          | 60 days      | Mon 05/30/10               | Thu 05/12/8              | 56,68,63  | 10.03969.06903011  | WALCOURTS.    | 10341 500 351 881 | 2010/2011/02/0122012   | A 1              | -   |   | (XA) serve                 |
|                 | Cashing of in-situ pier deck  | 30 days      | Fri 05/12/9                | Sat 06/1/7               | 70,78   |  | 1             | 1                 |                        | 11               | 1   |   |                            |
|                 | Construction of bollards  | 30 days      | Fri 05/12/9                | Sat 06/1/7               | η   |  |               |                   |                        |                  | 3   | 100                                       | 3                          |
| ¥ į             | Installation of corresion monitoring system                                   | 91 days      | Sun 05/10/9                | Sat 06/1/7               | A. 4010444 - 1000000000                         | 1  |               | 1                 |                        |                  |   |   | 13                         |
|                 | Approval of specialist contractor and method statement                        | 61 days      | Sun 05/10/9                | Thu 05/12/8              |   |  |               |                   |                        |                  |   | 1.5                                       | 1                          |
|                 | Installation of convision monitoring system                                   | 30 days      | Fri 05/12/9                | Sal 06/L/7               | 76,74   | 1  |               | 1                 | 1                      | 10               |   |   | 1 3                        |
|                 | Roof over system  | 272 days     | Tue 05/8/9                 | Sun 06/5/7               | *****   |  |               | <b>B</b>          |                        |                  |   | 1   |                            |
| 4               | Approval of sporialist contractor   | 61 days      | Tue 05/8/9                 | Sat 05/10/8              |   |  |               | i                 |                        |                  | 1   |   | 11                         |
| e i             | Naturaission of weekshop drawings for connection details with                 | 61 days      | Sen 05/10/9                | Thu 05/12/8              |   |  |               | i.                |                        | 10               |   | 10  |                            |
|                 | deck  | town Michael |                            |                          |   |  |               | ŝ.                |                        |                  |   |   |                            |
| 49              | Material submissions  | 91 days      | Son 05/10/9<br>Son 05/10/9 | Sat 06/1/7<br>Sat 06/1/7 |   | - 1  |               | 5                 |                        | 143              |   | 1.2                                       |                            |
| 46  <br> -      | Submission of weakshop drawing for remaining roof system                      | 91 days      | in a concernance and       |                          |   | 1 1  |               | 1                 |                        | 1                |   | 1 R                                       |                            |
| 1               | Construction of steel works   | 60 days      | Sun 06/1/8                 | Wed 06/3/8               | 71,80,79  | 1  |               |                   | 1                      | 1                |   | 1 ÷                                       |                            |
| 24              | Erection, of mod covers   | fill days    | Thu 05/3/9                 | Sun 06/5/7               | aı  |  |               | 義                 |                        |                  | 1 61  | 1.0                                       | 1                          |
| 1               | Murrying-in to bandside   | 121 days     | Wed 06/3/8                 | Thu 06/7/6               |   | 1  | 53            |                   |                        |                  | 1   |   | 1                          |
| t, r            | Application of Excavation Permit  | 90 days      | Wed 06/3/8                 | Mon 06/6/5               | 1   | 2  | 8             |                   | ÷                      | 1 1 1 -          | 1   | 1   |                            |
| *               | Site works  | 31 days      | Tue 06/6/6                 | Thu 06/7/6               | 84,31   | 1  |               |                   |                        |                  | 12 B. 1   |   | 1                          |
| ÷.              | Electrical system, CLP meter bax and lighting system                          | 220 daşs     | Mon 05/10/10               | Wed 06/5/17              |   | 1  |               |                   |                        | 1 . · · ·        | 1.0   | 1   |                            |
| . T.            | Approval of specialist contractor   | 30 days      | Mon 05/10/10               | Tue 05/11/8              | Start III ION-D                                 | 1  | 19            |                   | 1                      |                  | 1   |   |                            |
| e. *            | Leason with CLP and EMSD  | 60 days      | Wed 05/11/9                | Sat 06/1/7               | 87  | -  |               |                   |                        | \$ at            | 2   |   |                            |
| 10              | To stallation   | 120 days     | Sun 0171/8                 | Sup 06/5/7               | 71,86   | 1  |               |                   | ł.                     | ÷ 8              |   |   |                            |
| έc.             | Testing.  | 10 days      | Man 06/5/8                 | Wed 06:5/17              | 30  |  |               |                   | 1                      |                  | 1   |   |                            |
| 能型              | Construction of floor finish  | 121 days     | Wed 06/3/8                 | Thu 06/7/6               |   |  | 2             |                   | 3                      |                  |   |   |                            |
| 6               | Adaterial aubenissiona  | 61 days      | Wed 06/3/8                 | Sun 06:5/7               |   |  |               |                   | 5                      |                  |   | 12  |                            |
| n i             | Silie works   | 60 days      | Mott 06/5/8                | Thu 06/7/6               | 42.92   |  | 5             | 1.2               | 1                      |                  | ÷   | 22 23                                     |                            |
| * 1             | Construction of hand railing seating beaches and notice                       | 150 days     | Tue 06/2/7                 | Thu 66/7/6               |   |  |               |                   | d3                     |                  |   | 13.                                       |                            |
| . !·            | boards<br>Material subsuission  | 60 days      | Tas: 06/2/7                | Fri 06/4/7               | a management of                                 |  | - 1           | 1                 | 1                      |                  |   | E.  |                            |
| 3               | Construction  | 90 days      | Sal 05/4/8                 | Tini 05/7/6              | 1139  |  |               | 1                 | 3                      | 4.1              |   |   |                            |
| 1.              | Installation of fender system   | 190 days     | Thu 05/12/29               | Thu 06/7/6               | • •   | 1  | 1             | :                 |                        | 11               |   |   |                            |
| w -             | Material submission   | 31 days      | Thu 05/12/29               | Sat 06/1/28              | · · · · · · · · · · · · · · · · · · ·           | - 3  | E.            |                   |                        |                  |   |   |                            |
| 35              | Ordering of meterial  | 59 days      | San D6/1/29                | Tite 06/3/28             | 199   | -  |               |                   |                        |                  | 1   |   |                            |
| en:             | Sine works  | LCG days     | Wed 06/3/29                | Thu D6/7/6               | 71,99   | 1  | 8             |                   |                        | <b>目</b> 月       |   |   |                            |
| int.            | Relucations of navigation light by Marine Dept.                               | 92 days      | Fri 06/4/7                 | Fri 86/7/7               |   |  | 4             | 8                 |                        | 11               |   |   |                            |
| 175             | Application to Marine Department  | 91 daya      | Fci 0644/7                 | Thu 06/7/6               |   |  |               |                   |                        |                  | 20<br>0   |   |                            |
| 1               |   |              |                            | L                        | a - (a) - (- (- (- (- (- (- (- (- (- (- (- (- ( | -  |               |                   |                        |                  | 1   | · II                                      |                            |
|                 | Koron Test. [1521219222223  | Dummer       |                            | Summary                  |   | mara   | Tuk Bort & 95 | Keeggesegeseg     | Critical Task (Sec 2)  | 111792           | 3115  |   |                            |
| l'ann à<br>Mart | Programmer Vision 31  | Pogena       |                            |                          | 0.0000000000                                    | 1997 (1998) (1997) (199 |               |                   |                        |                  |   |   |                            |
| 1986            | Split   | Commancement | Hileatorg                  | Campleli                 | or. Mileston                                    | Cinical  | Trak (See 1)  | Manalla           | Mainenince Perind      | Willia:          | 11112   |   |                            |

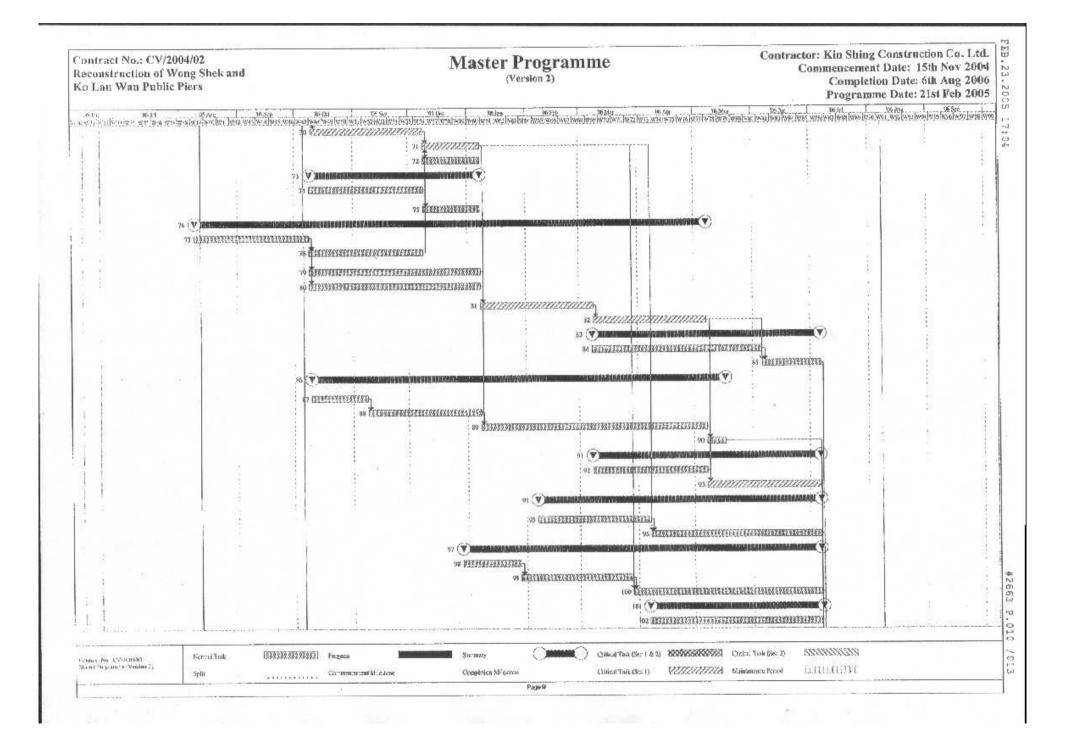
| Reco    | ract No.: CV/2004/02<br>nstruction of Wong Shek and<br>au Wan Public Piers |              |              | Mas         | ter Progra<br>(Version 2) | Completion Date: 6th Aug 2<br>Programme Date: 21st Feb 20   |
|---------|--|--------------|--------------|-------------|---------------------------|---|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

| leco                  | ract No.: CV/2004/02<br>astruction of Wong Shek and<br>an Wan Public Piers                |              |               | Mas          | (Version 2)   | Completion Date: 6th Aug 2<br>Programme Date: 21st Feb 2   |
|-----------------------|---|--------------|---------------|--------------|---|--|
| 6 I.                  | Taitline  | Durcko       | Stat          | Finish       | Hadaxssan   | Miller<br>Miller (Miller) (Mi |
| ×-                    | Submission for Engineer's comments  | 30 days      | Mout 05/6/240 | Tue 0.5/7/19 | 136   | wiled willer (ed. wither felting) will all a will a felting state of a traditional states and second second sta  |
| κ, I                  | Liaison with local residents  | 30 days      | Mon 05/6/240  | Тие (15/7/19 | 135   |  |
| ы                     | Denshing  | 22 days      | Wed 05/7/20   | Wed 05/8/10  | 133,138,197   |  |
| <b>3</b> 6            | Grassad investigation   | 129 days     | West 04/12/29 | Fri 05/5/6   | ······································  | 1-11 (V DOODSSALASSALASSALASSALASSALASSALASSALAS   |
| ii)                   | Submission for Engineer's commont   | 68 days      | Wed 04/12/29  | Son 05/3/6   |   | (4) <u>####################################</u>  |
| ż                     | Ground investigation works on sile  | 20 days      | Fri 05/3/18   | Wed 05/4/6   | 141.36,117  | 142 18237522828  |
| ι¥.                   | Preparation and approval of reports   | 10 days      | Tho 05/4/7    | Sut 05/4/16  | 90  | 143 ( <b>ਇੱ</b> ਡਣੇਸ਼)   |
|                       | Submission of reports to determine pile founding levels                                   | 20 daya      | Sun 05/4/17   | Eni 05/5/6   | H3  | 144 (EREIKERERE)   |
| 8                     | Pilling for permanent pior  | 342 days     | _ Sat 05/1/1  | The 05/12/8  |   | 1/5 (* 168910109999884600  |
| 5                     | Compilation of method statement for pilling   | 33 days.     | Sal 05/1/1    | Wed 05/2/2   | 1   | 146 (22228) 2819 (22222) 241   |
| 1                     | Submission for Engineer's commont   | 189 days     | 7100 05/2/3   | Wed 05/8/10  | 146   | 147 <b>2</b> 37999999999999999999999999999999999999  |
| 1672)<br>1973         | Vertical preliminary pile and leating   | 15 days      | Thu 05/8/11   | Thu 05/8/25  | 147,139,65,144  |  |
| 4                     | Verneal amin piles (EL,E4,D1,D4,C1,C4)  | 20 days      | Fri 05/8/26   | Wed 05/9/14  | 143   |  |
| i i                   | Temporary platform for raking pile  | 21 days      | The 05-9/15   | Wed 05/10/5  | 119   |  |
|                       | Vertical main pile (remaining 15 nos)   | 45 days      | Thu 05-9/15   | Sut 05/10/29 | 125   |  |
|                       | Raking prelictionry piles and testing   | Łő duys      | The 05/10/6   | Fyi 05/10/21 | 110,62  |  |
| 1                     | Roking main piles (remaining 9 nos)   | 33 days      | Sat 05/10/22  | Wod 05/11/23 | 152   |  |
| 9                     | Pile tests for main piles   | 15 days      | Thu 05/11/24  | Thu 05/12/8  | 171,133   |  |
| 51                    | Construction of plic cap and deck   | 201 days     | Weil 05/8/10  | Sun 06/2/26  |   |  |
| 41                    | Submission and approval of precist yard   | 60 days      | Wed 05/8/10   | Sat 05/10/8  | Recenters I   |  |
| 1                     | Custing of precast units, at precast yard   | 60 days      | Mon 05/10/10  | 12u 05/12/8  | 156   |  |
| -                     | Design and ICE checking of falsework for pile cap and deck                                | 60 days      | Sat 05/9/10   | Tue 05/11/8  |   |  |
| м.,                   | consumation<br>Submission of calculation and anothed statement for<br>Regeneor's approval | 30 days      | Woll 05/11/9  | Thu 05/12.8  | 158   |  |
| 10                    | Election of lidsework for installation of precast units                                   | 20 days      | Pri 05/12/9   | Wed 05/12/28 | 159,854   |  |
| 1 **                  | histallation of precast units with modul pile capa  | 55 days      | Fri 05/12/9   | Wed 06/2/1   | 157,154   |  |
| ÷.                    | Casing of marin pier dock   | 25 days      | Thu 06/2/2    | Sim 06/2/26  | 101,144   |  |
| 3                     | Construction of bollards  | 25 days      | Thu 06/2/2    | Sun 06/2/26  | 161   |  |
| vi                    | Installation of corrosion monitoring system   | 85 tlays     | Sun 05/12/4   | Sam 06/2/26  |   |  |
| \$60                  | Approval of specialist contractor and method statement                                    | 60 days      | San 05/12/4   | Wed 06/2/1   | 0.0000000000000000000   |  |
| + +                   | Jusial arias of concesson moniforing system   | 25 daya      | Thu 06/2/2    | Sun 01v2726  | 141,163   |  |
| \$2 <sup>-1</sup>     | Construction of villa   | 110 daya     | Pri #6/2/17   | Tue 06/6/6   |   |  |
| -                     | Concrete structure  | 50 days      | Man 06:2/27   | Mon 06/4/17  | 162   |  |
| w                     | Friend  | 110 days     | Fri 06/2/17   | Tue 06/5/6   |   |  |
| 30                    | Material submission   | 60 days      | Pri 06/2/17   | Man 06/4/17  | In the second s<br>second second se<br>second second s |  |
| 26                    | Construction  | 50 days      | Tue 06/4/18   | Tue 06466    | 158.170   |  |
| activity<br>Visiter 1 | the CV1965-12   | 240 C        |               | Sucranezs    | (1717)  |  |
|                       | Split   | Commencement | Mitcalcas     | Campleti     | en Milesens<br>Paga S   | Chileal Take (see 1) 222/2222223 Minitanese Renod [1111] [[[1]][[1]][[1]]  |

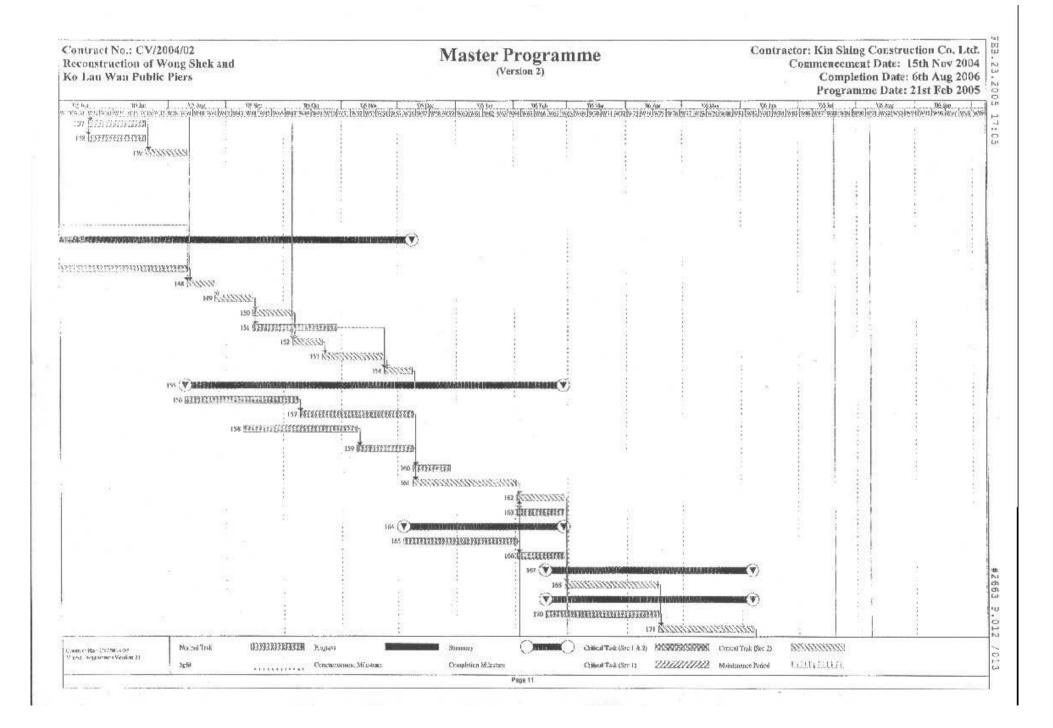
| Reco | tract No.: CV/2004/02<br>Instruction of Wong Shek and<br>Lau Wan Public Piers |               |              | Mas           | (Version 2                    | ramme                     |                        | Contr  | Commencem<br>Compl         | ng Construction Co<br>lent Date: 15th Nov<br>letion Date: 6th Aug<br>mme Date: 21st Feb  | v 20<br>g 20 |
|------|---|---------------|--------------|---------------|-------------------------------|---------------------------|------------------------|--|----------------------------|--|--------------|
| 11   | Tan Hane  | Durton        | .San         | Finish        | Pteulegestaors                | 1. J                      | 1 Dec                  | 10   | Ve Mar                     | to in the state of | ainsi 5      |
| 2    | Construction of walking cover 1 & 2   | 245 days      | Wed 05/10/5  | Tue 06/6/6    |                               |                           | 93.0293.977.LWFD.957.9 | - and the second se | ;<br>Attendencesenerseners | 1000 JIBB FEASDER: IN CASH 012901  | 10.54.00     |
| М.   | Approval of specialist contractor   | 60 days       | Wed 05/10/5  | Sat 05/12/3   |                               |                           | 64                     |  | 1.0                        |  |              |
|      | Summassion of workshop drawings for connection details with                   | 60 days       | Sun 05/12/4  | Wed 06/2/1    | 177                           | 10 S                      |                        | Đ  | 1                          |  |              |
| 4    | deck<br>Material submissions  | 85 days       | Sun 05/12/4  | Sun 06/2/26   | 171                           |                           | 1                      | 1  | 11                         |  |              |
| 51   | Submission of workshop drawing for remniaing roof system                      | 85 days       | Sun 05/12/4  | Sun 06/2/26   | 179                           | -                         | 1                      |  |                            |  |              |
|      | Construction of sicel works   | 50 days       | Moii 06/2/27 | Mon 06/4/17   | 124,142,175                   | -                         | 1                      |  | 1 I.                       |  |              |
| si.  | Frection of roof covers   | 50 days       | Tue 06/4/18  | Tue 06/6/6    | 171                           |                           | 1                      |  | 1 I.                       |  |              |
| N.I. | Electrical system, CLP meter box and lighting system                          | 200 clays     | Tue 05/11/29 | Frl 06/6/16   |                               |                           | 1                      | 1  |                            |  |              |
| d.   | Approval of specialist contractor   | 30 days       | The 05/11/29 | Wed 05/12/28  |                               |                           | -                      | 1  |                            |  |              |
| 1    | Liaison with CLP and EMSD   | 60 days       | The 05/12/29 | Sun 06/2/26   | 100                           |                           |                        | ŝ  |                            |  |              |
| 2 1  | lostaflation  | 100 days      | Мон 06/2/27  | Tue 06/6/6    | 162,184                       | ***                       |                        | i.   | 1 <sup>30</sup>            |  |              |
| i.   | Testing   | 10 days       | Wed 06/6/7   | Fri 06/6/16   | 1.62                          |                           | 12                     | -  | 1 1 1                      |  |              |
| 5    | Construction of Boor finish   | 130 days      | Thu 06/3/9   | Sun 06/7/16   |                               |                           |                        | i.   | 1                          |  |              |
|      | Malerial submissions  | 90 days       | Thu 06/3/9   | Tac 06-6/6    | -                             |                           |                        | i.   |                            |  |              |
| 7    | Site works  | 40 days       | Wed 06/6/7   | Sun 06/7/16   | 134,185,171                   |                           |                        | 1  |                            |  |              |
| 1    | Construction of hand railing, senting benches and notice<br>hourds            | (50 days      | 141 06/2/17  | Sun 86/7/16   | · · · · · · · · · · · · · · · |                           |                        |  |                            |  |              |
| 1    | Materral submission   | 60 days       | Pri 06/2/17  | Man 06/4/17   | -                             |                           |                        | 1  |                            | 8  |              |
|      | Centurgation  | 90 days       | Tue 06/4/18  | Son 06/7/16   | 183                           |                           |                        |  |                            |  |              |
| ġ.   | Installation of feuler system   | 190 days      | Sun 06/1/8   | Sun 86/7/16   |                               |                           |                        |  | 1                          |  |              |
|      | Material submission   | 31 days       | Sun D6/178   | Tue 06/2/7    |                               |                           |                        | 1  | -                          |  |              |
| 1    | Ordering of insterial   | 59 days       | Wed 06/2/8   | In 06/4/7     | 191                           |                           |                        | ÷  |                            |  |              |
| 3    | Site werks  | 100 days      | Sat 06/4/8   | Stats 06/7/16 | 192                           |                           |                        | đ  | ŧ                          |  |              |
| 1    | Relocation of navigation light by Marine Dept.                                | 92 days       | Mon 06/4/17  | Mon 06/7/17   |                               |                           |                        | 4  | 1                          |  |              |
|      | Application to Marine Department  | 91 days       | Mon 06/4/17  | Sunt 06/7/16  |                               | <u> </u>                  |                        |  |                            |  |              |
|      | Relocation  | l day         | Mon 06/7/17  | Mon 06/7/17   | 113,193,195,396,189           |                           |                        | 1  | 4                          |  |              |
| 1    | Commissioning of the pler   | 1 day         | Tue #6/7/18  | Tue 06/7/18   | 196                           |                           |                        | ÷.   |                            | 1  |              |
|      | Demolition of the temporary burth and the existing pier                       | 141 days      | Sun 06/3/19  | Sun 06/8/6    |                               |                           |                        |  | 1                          |  |              |
| 1    | Survey to existing structure  | 31 days       | Son 06/3/19  | The 064418    |                               |                           |                        | 1  | 1                          | 1  |              |
| 3    | Design and ICE checking of demolition plan                                    | őt days       | Wed 06/4/19  | Sun 06/6/18   | 195                           |                           |                        | 4  |                            | 4  |              |
| 1    | Subarission for Engineer's comments   | 30 days       | Men 06/6/19  | The 06/7/18   | 2895                          |                           |                        |  | 1.0                        |  |              |
| -    | Eisiaon with local residents  | 30 days       | Mon 06/6/19  | Tue 06/7/18   | 200                           |                           |                        |  |                            |  |              |
| s'i  | Demolition  | 19 days       | Wed 06/7/19  | Sim 05/8/6    | 197,702,201                   |                           |                        |  | 1                          | 1  |              |
|      | Maintenance Period for the Works  | 365 days      | 31on 06/8/7  | Alon 17/8/6   | 203                           | <u> </u>                  |                        |  |                            | 1.<br>   |              |
|      |   |               |              |               |                               |                           |                        | NAMES OF STREET  | 00 00000 1 000 of 000      |  |              |
|      | New System New Test   | Englas        | 1102         | Sustainty     | ()                            | Calibrat Task Circ 1 & 2) |                        | Critical Track (Sec. 2)  | 1221222123                 |  |              |
|      | 5plit   | Commencement: | Milestens    | Correlatio    | in Markicle                   | Chiest Test (See 1)       | 22.5222222222          | Minimum Peterd   | 112703322003               |  |              |

| ontract No.: CV/20<br>econstruction of W<br>.o Lau Wan Public  | ong Shek and   |  |                                 | Master ]                                 | Program<br>(ersion 2)                                 | me  |  | Comme<br>Comme<br>P  | in Shing Construction<br>encoment Date: 15th<br>completion Date: 6th<br>rogramme Date: 21st  | h Nov 2004<br>1 Aug 2006<br>st Feb 2005 |
|--|--|--|---------------------------------|--|---|---|--|--|--|---|
| 15.5m (1.5.5m)<br>(9.51.95.2%)(9.51.4%)(9.51.9%)<br>(9.51.95.2%)(9.51.4%)(9.51.9%)(9.51.9%)  | ાર આ<br>આ ગામ આ બના  | Stell Vicina<br>Jwis Ionelwi 7 Jwie wastwauteri  | 10 Net<br>wiziwa)wa wasiwaelwai | n (6 ket<br>1992   Wali wali ya kuta wa  | l lives and lives were save                           | 76 Mar<br>10 Mar<br>10 Mar (17 Mar) 17 Mar 10 Mar | L. wxx.w<br>wisiwiying   | sa no<br>wys wet sovel was loss  | yayashagiyayi wala   | 106.51p<br>\$\$10.005.0002.0028.002     |
|  |  |  |                                 |  | 1   |   |  |  | 2 📌 406 Aug 6  | 2                                       |
|  | n († 1997)<br>1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -<br>1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - |  |                                 |  |   |   |  |  | 9 🛧 186 Aug 6  | 4<br>1<br>1                             |
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| rre Soc. (* V 2006-102)<br>rr P System (* - V rgelove 2)        | No.mel Task<br>Sp. s                    | CHARTER CONTROL                          | Progress<br>Commiscential Millasone   | Suncoup<br>Conglosae Mikatens   | Page 10  | Ganadi Tesh (See 3 & 2)<br>Celakel Tesh (See 3)   | 1999/2007/2022   |                   | <i>REALESSEERE</i><br>FORDATION       |   |



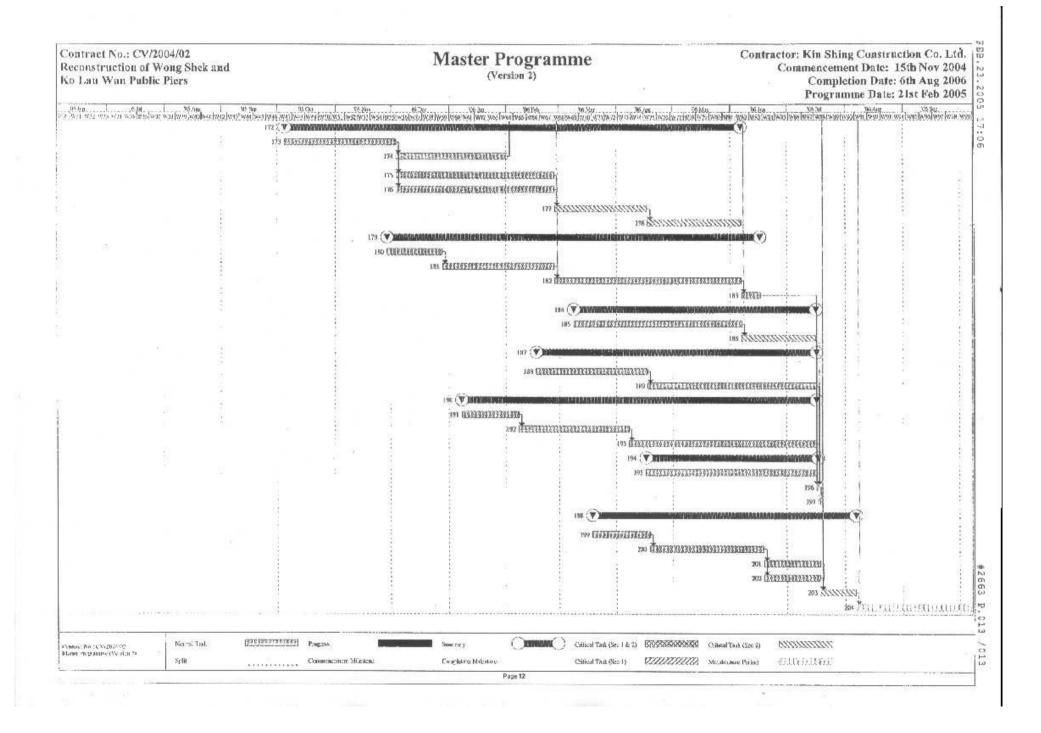




Figure 4.1

Layout of Environmental Monitoring Stations

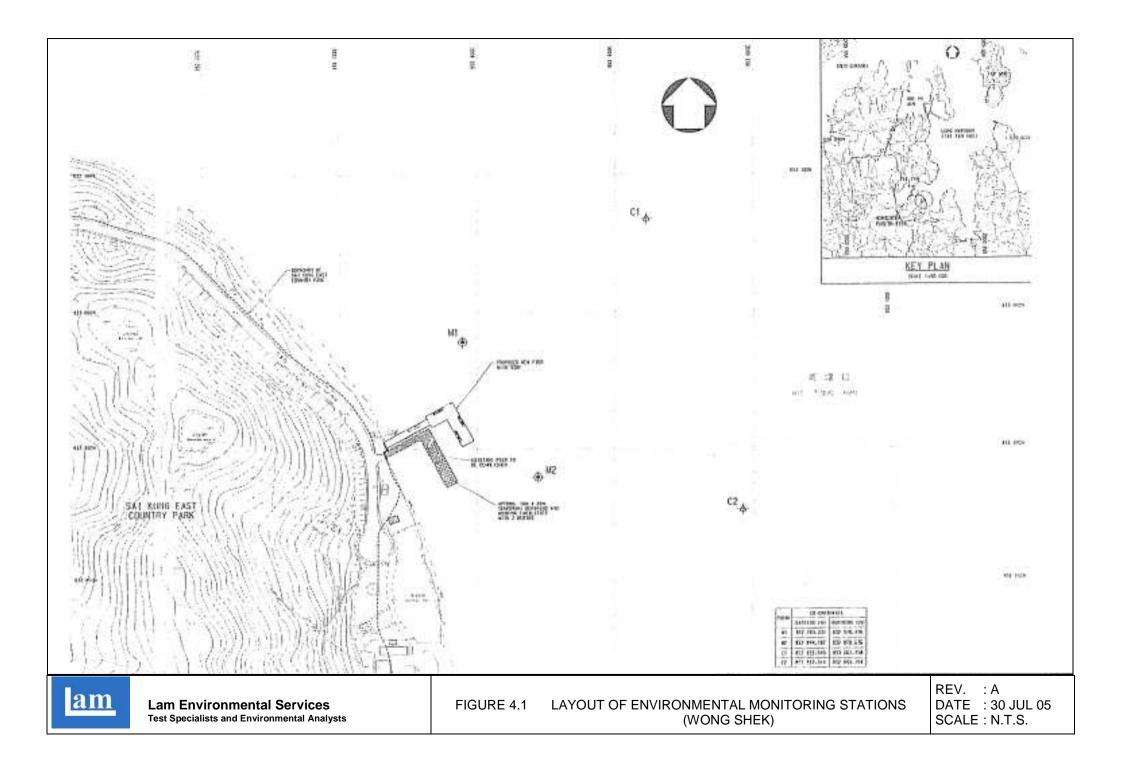
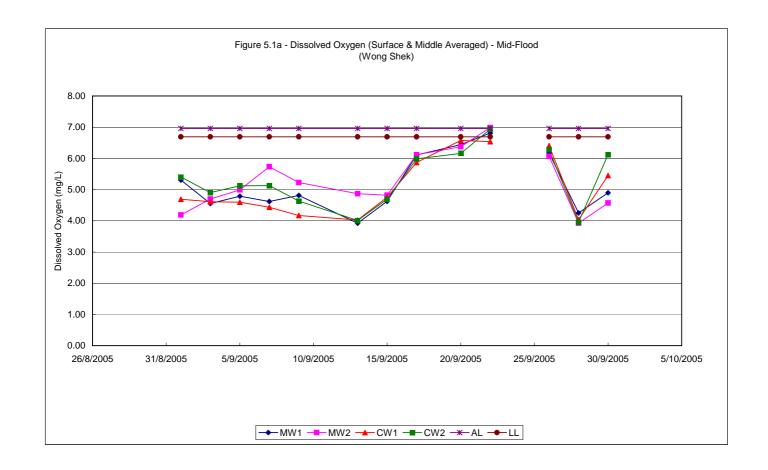
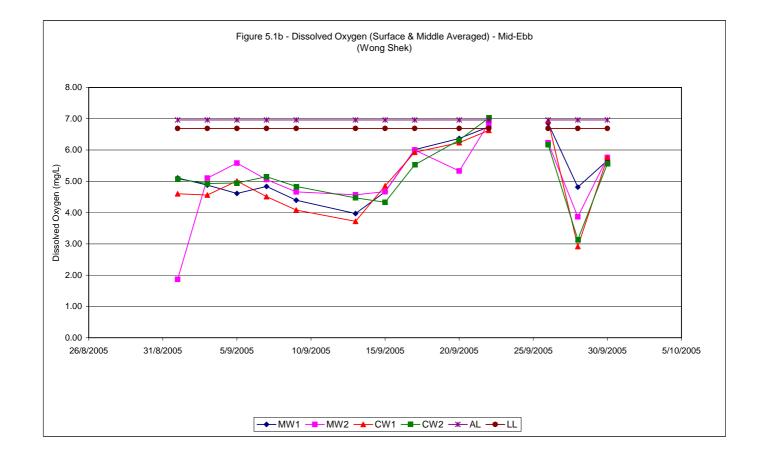


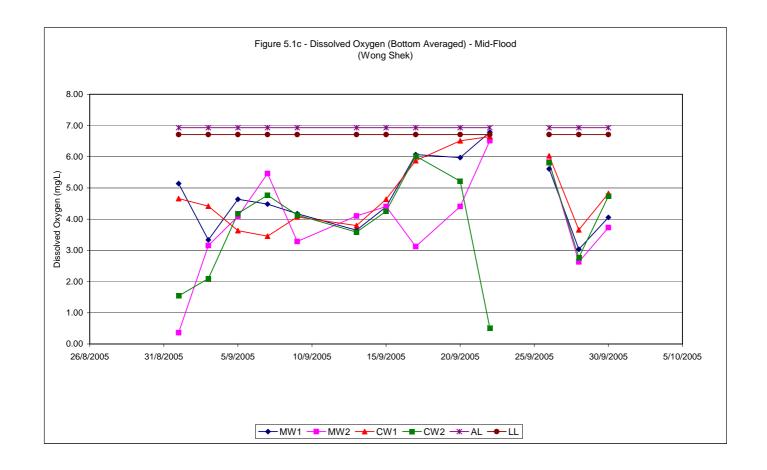


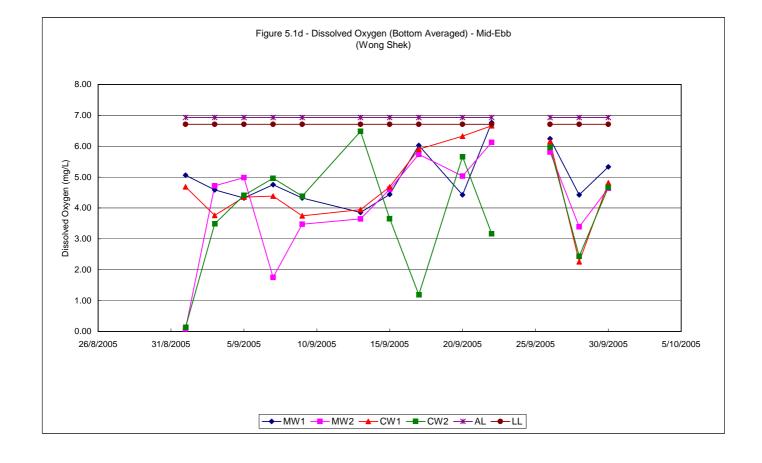
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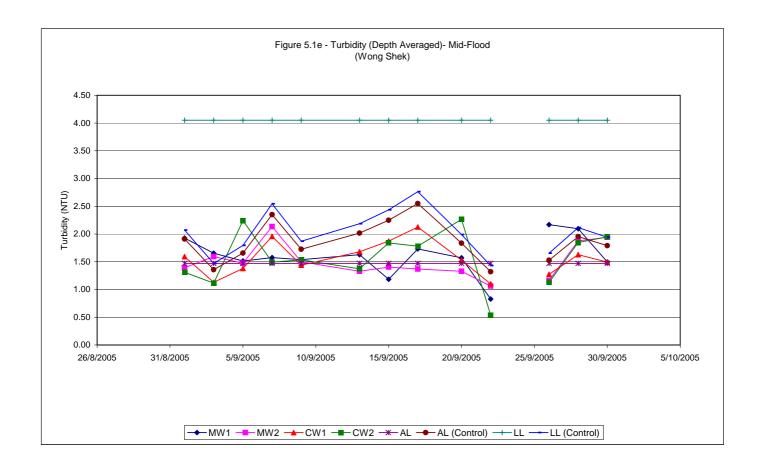
Graphical Plots of Water Quality Monitoring Results

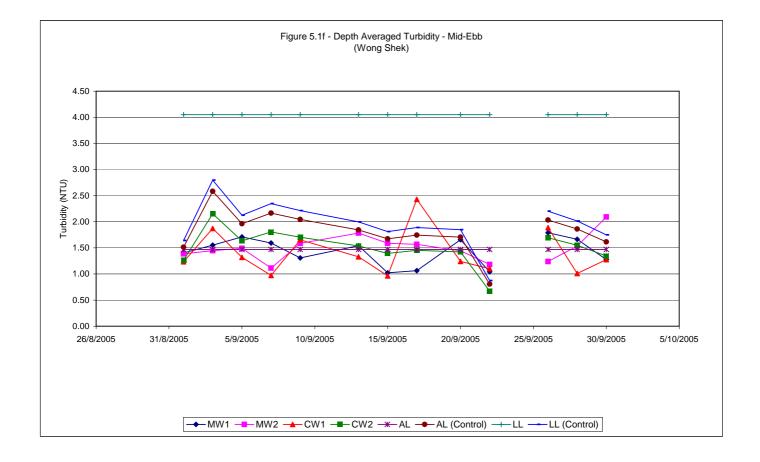


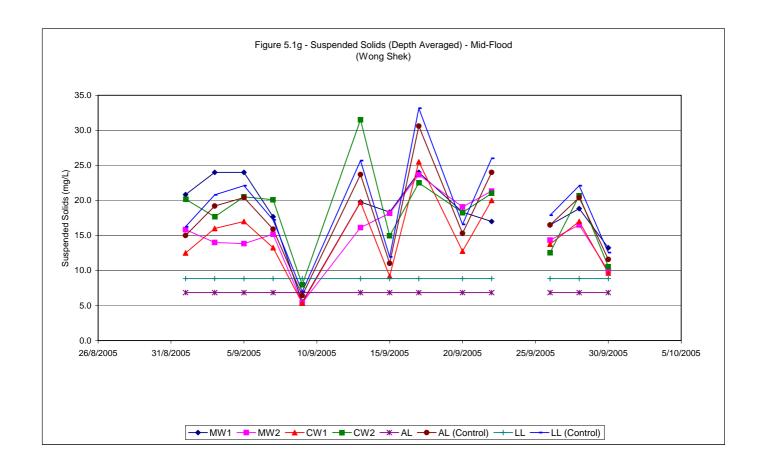


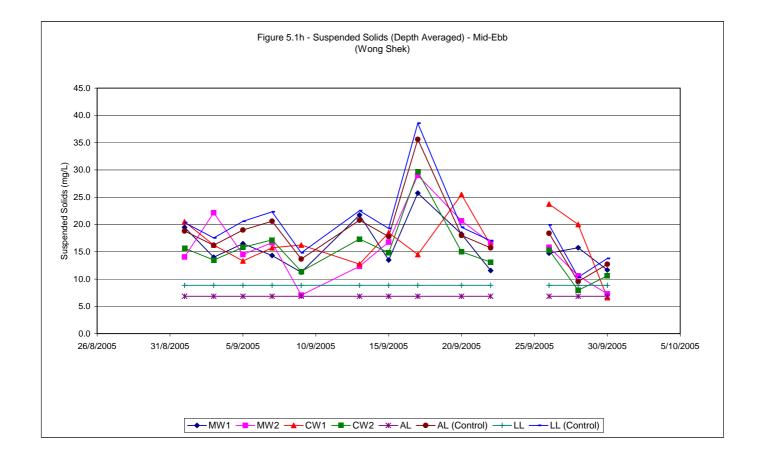














Appendix A

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<br>Aspect | No.  | Mitigation Measures   | Implementation<br>Status     | Follow Up<br>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<br>has the potential to create dust shall be treated with water<br>or sprayed with wetting agent.   | Not applicable at this stage | -                      |
|                         | AQ05 | Any vehicle with an open load carrying area used for<br>moving materials which has the potential to create dust<br>shall have properly fitting side and tail boards.  | Not applicable at this stage | -                      |
|                         | AQ06 | Materials having the potential to create dust shall not be<br>loaded to a level higher than the side and tail boards, and<br>shall be covered by a clean tarpaulin.   | Not applicable at this stage | -                      |
|                         | AQ07 | Stockpiles of sand, aggregate and construction and demolition material greater than 20m3 shall be enclosed on three sides, with walls extending above the pile and 2 meters beyond the front of the pile.   | Not applicable at this stage | -                      |
|                         | AQ08 | Water sprays shall be provided and used both to dampen stored materials and when receiving raw materials.   | Not applicable at this stage | -                      |
|                         | AQ09 | Clean and water the Site to minimize the fugitive dust emissions.   | Implemented                  | -                      |
|                         | AQ10 | Furnace, boiler or other plant or equipment or use any fuel that might in any circumstances produce smoke or any other air pollution should not be installed.   | Implemented                  | -                      |
|                         | N01  | All plant and equipment to be used on Site are properly<br>maintained in good operating condition and noisy<br>construction activities shall be effectively sound-reduced<br>by means of silencers, mufflers, acoustic linings or<br>shields, acoustic sheds or screens or other means to<br>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<br>General Holidays.  | Implemented                  | -                      |
| Water Quality           | WQ01 | Water in wheel washing facilities shall be changed at<br>frequent intervals and sediments shall be removed<br>regularly.  | Not applicable at this stage | -                      |
|                         | WQ02 | The polluted water from the wheel washing facilities<br>would not be discharged into all existing stream<br>courses/drains and nearby waterbodies.  | Not applicable at this stage | -                      |
|                         | WQ03 | All existing stream courses and drains within, and<br>adjacent to the Site should be kept free from any debris<br>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<br>"Technical Memorandum on Standards and Effluent<br>discharges into Drainage and Sewerage Systems, Inland<br>and Coastal Waters" for the appropriate Water Control<br>Zone.  | Implemented                  | -                      |
|                         | WQ06 | No spoil or debris of any kind is allowed to be pushed,<br>washed down, fall or be deposited on land or on the<br>seabed adjacent to the Site.  | Implemented                  | -                      |
|                         | WQ07 | Maintain any existing site drainage system at all times<br>including removal of solids in sand traps, manholes and<br>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<br>and piling works with the Site.   | Implemented                  | -                      |

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



| Environmental<br>Aspect | No.  | Mitigation Measures  | Implementation<br>Status     | Follow Up<br>action(s) |
|-------------------------|------|--|------------------------------|------------------------|
|                         | WQ10 | Silt curtain shall be formed from tough, abrasion-resistant<br>permeable membranes suitable for the purpose,<br>supported on floating booms in such a way as to ensure<br>that the passage of turbid water to the surrounding water<br>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<br>the "Coral Exclusion Zone". All working vessels shall be<br>restricted to encroach the "Coral Exclusion Zone"  | Implemented                  | -                      |
|                         | E02  | No overloading of the working barges during operation<br>and no movement of the working barges, particularly<br>close to the pier and shallow areas, during low tide should<br>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<br>inert portions for reuse on site or disposal to designated<br>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<br>on site, properly stockpiled in dry condition and covered<br>to prevent cross contamination by other C&D materials.   | Implemented                  | -                      |
|                         | W04  | All demolition debris from demolition works should be<br>sorted to recover on site broken concrete, reinforcement<br>bars, mechanical and electrical fittings as well as other<br>building services fittings/materials that have established<br>recycling outlets. | Implemented                  | -                      |

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



Appendix C

Calibration Certificates for Monitoring Equipment

#### Record sheet for calibration of Water Sonde

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

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

#### B DO (% Saturation) Calibration

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

Laboratory Check

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

probe reading 0.00 %

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

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

Check Standard : ppt Readout Value : ppt

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

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

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

Check Standard : Readout Value : (mS/cm)

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

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

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

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

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

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

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

Date : 16 Sunt 016 Certified by:

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

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

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

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

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

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

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

Calculation:

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

Cartified by:

\\Lab\Common\Calibration\ICform\Ic51

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

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

Calculation:

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

(4) Calibration of temperature compensator

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

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

(5) Linearity Check of BOD probe

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

# Record sheet for calibration of Water Sonde

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

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

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

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

#### B DO (% Saturation) Calibration

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

Laboratory Check

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

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

#### D Conductivity Calibration

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

 Check Standard :
 Readout Value :
 (mS/cm)

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

#### E Turbidity Calibration

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

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



Appendix D

Water Quality Monitoring Results

| Filijeci.   | Contract I   | No. CV/2004/0   | 2 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:  | 1/9/2005        |   | . W   | eather C   | ondition:  | Sunny  |   |   |  | Ambie  | nt Tempera  | ature,⁰C:   | 31   |  | Т   | ide State:  | Mid-Floo  | bd   |   |         |
| Station   | Time   | Sea             | Overall   | Sampling  |  | ature, ⁰C  |  |   |   |  | d Oxyge  |   | Salinity,   |  | Turbidity  |   |   | Suspend   | ded Solid  |   | Remarks |
|   |  | Condition       | Depth, m  | Depth,m   | а  | b  | а  | b   | Average   | а  | b  | Average   | а   | b  | а  | b   | Average   |   |  | Depth<br>Average                                  |         |
| MW1 S   | 15:46  |                 |   | 1   | 30.8   | 30.9   | 5.27   | 5.29  | 5.04  | 82.0   | 82.4   | 00.4  | 29.6  | 29.5   | 1.42   | 1.40  |   | 31  | 29   |   |         |
| MW1 M   | 15:50  |                 | 5   | 2.5   | 30.5   | 30.5   | 5.32   | 5.34  | 5.31  | 82.0   | 82.0   | 82.1  | 29.9  | 29.9   | 2.06   | 2.11  | 1.93  | 14  | 13   | 21  |         |
| MW1 B   | 15:53  |                 |   | 4   | 30.4   | 30.4   | 5.16   | 5.12  | 5.14  | 79.2   | 80.4   | 79.8  | 30.0  | 30.0   | 2.27   | 2.30  |   | 19  | 19   |   |         |
| MW2 S   | 15:57  |                 |   | 1   | 30.9   | 30.9   | 4.09   | 4.20  |   | 65.3   | 65.9   | 05.0  | 29.7  | 29.7   | 1.45   | 1.44  |   | 16  | 14   |   |         |
| MW2 M   | 16:00  |                 | 10  | 5   | 30.6   | 30.6   | 4.22   | 4.24  | 4.19  | 65.7   | 66.5   | 65.9  | 30.0  | 30.0   | 1.38   | 1.40  | 1.39  | 16  | 18   | 16  |         |
| MW2 B   | 16:04  |                 |   | 9   | 27.7   | 27.8   | 0.40   | 0.32  | 0.36  | 4.8  | 1.2  | 3.0   | 29.5  | 29.4   | 1.35   | 1.33  |   | 16  | 15   |   |         |
| CW1 S   | 15:40  |                 |   | 1   | 30.7   | 30.7   | 4.68   | 4.70  | 4.69  | 72.4   | 73.0   | 72.7  | 29.5  | 29.5   | 1.21   | 1.20  |   | 15  | 14   |   |         |
| CW1 M   |  |                 | 4   |   |  |  |  |   | 4.09  |  |  | 12.1  |   |  |  |   | 1.59  |   |  | 13  |         |
| CW1 B   | 15:43  |                 |   | 3   | 30.6   | 30.6   | 4.65   | 4.67  | 4.66  | 72.2   | 72.1   | 72.2  | 30.0  | 30.0   | 1.99   | 1.97  |   | 9   | 12   |   |         |
| CW2 S   | 16:06  |                 |   | 1   | 30.7   | 30.7   | 5.42   | 5.44  | 5.41  | 83.5   | 83.8   | 83.6  | 29.5  | 29.5   | 1.25   | 1.28  |   | 12  | 12   |   |         |
| CW2 M   | 16:10  |                 | 11  | 5.5   | 29.3   | 29.3   | 5.41   | 5.35  | 5.41  | 83.1   | 83.9   | 03.0  | 30.9  | 30.9   | 1.27   | 1.30  | 1.31  | 19  | 19   | 20  |         |
| CW2 B   | 16:14  |                 |   | 10  | 27.9   | 27.9   | 1.55   | 1.53  | 1.54  | 1.5  | 1.7  | 1.6   | 31.7  | 31.7   | 1.36   | 1.40  |   | 31  | 28   |   |         |
|   |  |                 |   |   |  |  |  |   |   |  |  |   |   |  |  |   |   |   |  |   |         |
| Equipmer  | t used:  | Dissolved Ox    |   | er:   | EM   | 6167   |  |   | on Check:   |  | 100  |   |   |  |  |   | Sampled I   |   | Wai  |   |         |
|   |  | Turbidity Met   |   |   | EM   | 2365   |  |   | on Check:   |  | 9.9  |   |   |  |  |   | Checked I   | By:   | Raymor   |   |         |
|   |  | Salinity Mete   |   |   | EM   | 6167   |  | Calibrati   | on Check:   |  | 35   | ppt   |   |  |  |   | Date:   |   | 8/9/200  | 5   |         |
|   |  | Thermomete      | r:  |   | EM   | 6167   |  |   |   |  |  |   |   |  |  |   |   |   |  |   |         |
|   |  |                 |   |   |  |  |  |   |   |  |  |   |   |  |  |   |   |   |  |   |         |
| Project:  | Contract I   | No. CV/2004/0   | )2 Recons   | truction of V   | /ong She   | k and Ko   | Lau Wa   | n Public  | Piers   |  | Client:  | Kin Shing   | Construe  | ction Co.  | , Ltd.   |   | Job No.:  | J429  |  |   |         |
|   |  | No. CV/2004/0   | 02 Recons   |   | Vong She   |  |  | n Public  | Piers   |  |  | Kin Shing   |   |  |  |   | Job No.:<br>Fide State:   |   | -<br>)   |   |         |
|   |  |                 | 02 Recons   |   |  | ondition:  | Sunny  |   |   |  |  | nt Tempera  |   | 29   |  | T   |   | Mid-Ebb   | -<br>ded Solid   | s, mg/L   | Remarks |
| Date of   | Sampling:  | 1/9/2005        |   | W   | eather C   | ondition:  | Sunny  | d Oxyge   |   |  | Ambie  | nt Tempera  | ature,⁰C:   | 29   |  | T<br>v, NTU   |   | Mid-Ebb   |  | s, mg/L<br>Depth<br>Average                       | Remarks |
| Date of   | Sampling:  | 1/9/2005<br>Sea | Overall   | W   | eather C   | ondition:<br>ature, °C   | Sunny<br>Dissolve  | d Oxyge   | n, mg/L<br>Average  | Dissolve   | Ambie<br>d Oxyge   | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,  | 29   | Turbidity  | T<br>v, NTU   | ide State:  | Mid-Ebb   |  | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time  | 1/9/2005<br>Sea | Overall   | W<br>Sampling<br>Depth,m  | Tempera<br>a   | ondition:<br>ature, °C<br>b  | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b   | n, mg/L   | Dissolve<br>a  | Ambie<br>d Oxyge<br>b  | nt Tempera  | ature,°C:<br>Salinity,<br>a   | 29<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b   | ide State:  | Mid-Ebb   | ded Solid  | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time  | 1/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m  | Tempera<br>a   | ondition:<br>ature, °C<br>b  | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b   | n, mg/L<br>Average  | Dissolve<br>a  | Ambie<br>d Oxyge<br>b  | nt Tempera<br>n, %<br>Average   | ature,°C:<br>Salinity,<br>a   | 29<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b   | Tide State:   | Mid-Ebb   | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>11:15   | 1/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1   | Tempera<br>a<br>29.6   | ondition:<br>ature, °C<br>b<br>29.6  | Sunny<br>Dissolve<br>a<br>5.11   | b<br>5.10   | n, mg/L<br>Average<br>5.11<br>5.06  | Dissolve<br>a<br>79.3  | Ambie<br>d Oxyge<br>b<br>79.3  | n, %<br>Average<br>79.3<br>78.6   | ature,°C:<br>Salinity,<br>a<br>29.7   | 29<br>ppt<br>b<br>29.6   | Turbidity<br>a<br>1.40   | 7<br><u>7, NTU</u><br>b<br>1.45   | Tide State:   | Mid-Ebb   | 14   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>11:15<br>11:18  | 1/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1<br>3  | leather C<br>Tempera<br>a<br>29.6<br>29.4  | ature, °C<br>b<br>29.6<br>29.4   | Sunny<br>Dissolve<br>a<br>5.11<br>5.04   | d Oxyge<br>b<br>5.10<br>5.08  | n, mg/L<br>Average<br>5.11  | Dissolve<br>a<br>79.3<br>78.8  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3  | nt Tempera<br>n, %<br>Average<br>· 79.3   | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0   | 29<br>ppt<br>b<br>29.6<br>30.0   | Turbidity<br>a<br>1.40<br>1.39   | 7, NTU<br>b<br>1.45<br>1.37   | Tide State:   | Mid-Ebb<br>Suspend<br>15<br>25  | 14<br>24   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>11:15<br>11:18<br>11:22   | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | reather C<br>Tempera<br>29.6<br>29.4<br>29.8   | ature, °C<br>b<br>29.6<br>29.4<br>29.8   | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43   | d Oxyge<br>b<br>5.10<br>5.08<br>3.87  | n, mg/L<br>Average<br>5.11<br>5.06  | Dissolve<br>a<br>79.3<br>78.8<br>68.2  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9  | n, %<br>Average<br>79.3<br>78.6   | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7   | 29<br>ppt<br>29.6<br>30.0<br>29.7  | Turbidity<br>a<br>1.40<br>1.39<br>0.84   | r, NTU<br>b<br>1.45<br>1.37<br>0.86   | Average   | Mid-Ebb<br>Suspend<br>15<br>25<br>16  | 14<br>14<br>24<br>18   | Depth<br>Average<br>20                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25  | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | Veather Contraction Contractio | ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5   | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08   | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08  | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09  | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0   | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9   | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2  | ature, °C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0  | 29<br>ppt<br>29.6<br>30.0<br>29.7<br>30.0  | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26   | 7<br>(, NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27  | Average   | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10  | 14<br>14<br>24<br>18<br>9  | Depth<br>Average<br>20                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28   | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | Sampling<br>Depth,m   | reather Cr<br>a<br>29.6<br>29.4<br>29.8<br>29.4<br>29.4<br>29.4  | ondition:<br>ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7  | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09                                 | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08  | n, mg/L<br>Average<br>5.11<br>5.06  | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2  | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>   | ature, °C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2  | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2                                 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03                                 | 7<br>(, NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05  | Average   | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16                                      | 14<br>14<br>24<br>18<br>9<br>15                                      | Depth<br>Average<br>20                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28   | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | Sampling<br>Depth,m   | reather Cr<br>a<br>29.6<br>29.4<br>29.8<br>29.4<br>29.4<br>29.4  | ondition:<br>ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7  | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09                                 | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08  | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09  | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2  | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2  | ature, °C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2  | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2                                 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03                                 | 7<br>(, NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05  | Tide State:<br>Average<br>1.40                                      | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16                                      | 14<br>14<br>24<br>18<br>9<br>15                                      | Depth<br>Average<br>20<br>14                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                                     | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09  | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | reather C<br>Tempera<br>29.6<br>29.4<br>29.8<br>29.4<br>26.7<br>29.3   | ondition:<br>ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3                                    | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61                         | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59  | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60<br>4.69                              | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2<br>70.8  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2                                | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0<br>72.0                                | ature, °C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2<br>26.7  | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>                     | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19                         | 7, NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05<br>1.20   | Tide State:<br>Average<br>1.40                                      | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29                                | 14<br>14<br>24<br>18<br>9<br>15<br>26                                | Depth<br>Average<br>20<br>14                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09<br>11:13                                     | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4                                      | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | reather C<br>Tempera<br>29.6<br>29.4<br>29.8<br>29.4<br>26.7<br>29.3<br>29.2   | ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3<br>29.2   | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61<br>4.73                 | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59<br>4.64  | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60                                      | Dissolve           a           79.3           78.8           68.2           1.0           1.2           70.8           71.9                | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2<br>71.2                        | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0  | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2<br>26.7<br>29.8   | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>29.8                 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19<br>1.26                 | 7, NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05<br>1.20<br>1.20   | Tide State:<br>Average<br>1.40                                      | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29<br>15                          | 14<br>14<br>24<br>18<br>9<br>15<br>26<br>12                          | Depth<br>Average<br>20<br>14                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S          | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09<br>11:13<br>11:32                            | 1/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                            | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2  | reather C<br>Tempera<br>a<br>29.6<br>29.4<br>29.4<br>29.4<br>26.7<br>29.3<br>29.2<br>29.2<br>29.4  | ondition:<br>ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3<br>29.2<br>29.5                    | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61<br>4.73<br>5.27         | b<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59<br>4.64<br>5.29  | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60<br>4.69                              | Dissolve           a           79.3           78.8           68.2           1.0           1.2           70.8           71.9           81.8 | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2<br>72.0<br>82.0                | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0<br>72.0                                | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.7<br>30.0<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.7<br>29.8<br>29.5 | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>29.8<br>29.8<br>29.5 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19<br>1.26<br>1.25         | , NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05<br>1.20<br>1.29<br>1.27  | Tide State:<br>Average<br>1.40<br>1.39                              | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29<br>15<br>15                    | 14<br>14<br>24<br>18<br>9<br>15<br>26<br>12<br>12<br>14              | Depth<br>Average<br>20<br>14<br>21                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09<br>11:13<br>11:32<br>11:32<br>11:35<br>11:40 | 1/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10                      | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Tempera<br>a<br>29.6<br>29.4<br>29.8<br>29.4<br>26.7<br>29.3<br>29.2<br>29.2<br>29.4<br>28.1<br>26.5   | ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3<br>29.2<br>29.2<br>29.5<br>28.1<br>26.5         | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61<br>4.73<br>5.27<br>4.82 | id Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59<br>4.64<br>5.29<br>4.64<br>5.29<br>0.15             | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60<br>4.69<br>5.08<br>0.14              | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2<br>70.8<br>71.9<br>81.8<br>75.8  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2<br>72.0<br>82.0<br>77.3<br>1.1 | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0<br>72.0<br>79.2<br>1.1                 | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2<br>26.7<br>29.8<br>29.8<br>29.5<br>30.8   | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>29.6<br>29.5<br>30.7 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19<br>1.26<br>1.25<br>1.18 | 7 NTU<br>b<br>1.45<br>1.37<br>0.86<br>1.27<br>2.05<br>1.20<br>1.20<br>1.29<br>1.27<br>1.20  | Tide State:<br>Average<br>1.40<br>1.39<br>1.24<br>1.26              | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29<br>15<br>16<br>19<br>14        | 14<br>14<br>24<br>18<br>9<br>15<br>26<br>12<br>14<br>18<br>13        | Depth<br>Average<br>20<br>14<br>21                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW1 B<br>CW1 B<br>CW1 S | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09<br>11:13<br>11:32<br>11:32<br>11:35<br>11:40 | 1/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete        | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9   | reather C<br>Tempera<br>29.6<br>29.4<br>29.4<br>29.4<br>29.4<br>26.7<br>29.3<br>29.4<br>28.1<br>26.5<br>EM   | ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3<br>29.2<br>29.2<br>29.5<br>28.1<br>26.5<br>6167 | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61<br>4.73<br>5.27<br>4.82 | d Oxyge<br>b<br>5.10<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59<br>4.59<br>4.64<br>5.29<br>4.92<br>0.15<br>Calibrati | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60<br>4.69<br>5.08<br>0.14<br>on Check: | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2<br>70.8<br>71.9<br>81.8<br>75.8  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2<br>72.0<br>82.0<br>77.3<br>1.1 | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0<br>72.0<br>79.2<br>1.1<br>100%:        | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2<br>26.7<br>29.8<br>29.8<br>29.5<br>30.8   | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>29.6<br>29.5<br>30.7 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19<br>1.26<br>1.25<br>1.18 | NTU         b           1.45         1.37           0.86         1.27           1.20         1.20           1.27         1.20           1.23         1.27 | Tide State:<br>Average<br>1.40<br>1.39<br>1.24<br>1.26<br>Sampled I | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29<br>15<br>16<br>19<br>14<br>8y: | 14<br>14<br>24<br>18<br>9<br>15<br>26<br>12<br>14<br>18<br>13<br>Wai | Depth<br>Average<br>20<br>14<br>21<br>16          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>11:15<br>11:18<br>11:22<br>11:25<br>11:28<br>11:09<br>11:13<br>11:32<br>11:32<br>11:35<br>11:40 | 1/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete<br>er: | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9   | Tempera<br>a<br>29.6<br>29.4<br>29.8<br>29.4<br>26.7<br>29.3<br>29.2<br>29.2<br>29.4<br>28.1<br>26.5   | ature, °C<br>b<br>29.6<br>29.4<br>29.8<br>29.5<br>26.7<br>29.3<br>29.2<br>29.2<br>29.5<br>28.1<br>26.5         | Sunny<br>Dissolve<br>a<br>5.11<br>5.04<br>3.43<br>0.08<br>0.09<br>4.61<br>4.73<br>5.27<br>4.82 | b<br>5.08<br>3.87<br>0.08<br>0.08<br>4.59<br>4.64<br>5.29<br>4.64<br>5.29<br>0.15<br>Calibrati                    | n, mg/L<br>Average<br>5.11<br>5.06<br>1.87<br>0.09<br>4.60<br>4.69<br>5.08<br>0.14              | Dissolve<br>a<br>79.3<br>78.8<br>68.2<br>1.0<br>1.2<br>70.8<br>71.9<br>81.8<br>75.8  | Ambie<br>d Oxyge<br>b<br>79.3<br>78.3<br>69.9<br>0.9<br>1.2<br>71.2<br>72.0<br>82.0<br>77.3<br>1.1 | nt Tempera<br>n, %<br>Average<br>79.3<br>78.6<br>35.0<br>1.2<br>71.0<br>72.0<br>79.2<br>1.1<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>29.7<br>30.0<br>29.7<br>30.0<br>29.2<br>26.7<br>29.8<br>29.8<br>29.5<br>30.8   | 29<br>ppt<br>b<br>29.6<br>30.0<br>29.7<br>30.0<br>29.2<br>29.6<br>29.6<br>29.5<br>30.7 | Turbidity<br>a<br>1.40<br>1.39<br>0.84<br>1.26<br>2.03<br>1.19<br>1.26<br>1.25<br>1.18 | NTU         b           1.45         1.37           0.86         1.27           1.20         1.20           1.27         1.20           1.23         1.27 | Tide State:<br>Average<br>1.40<br>1.39<br>1.24<br>1.26              | Mid-Ebb<br>Suspend<br>15<br>25<br>16<br>10<br>16<br>29<br>15<br>16<br>19<br>14<br>8y: | 14<br>14<br>24<br>18<br>9<br>15<br>26<br>12<br>14<br>18<br>13        | Depth<br>Average<br>20<br>14<br>21<br>16<br>d Dai | Remarks |

Thermometer:

| Project:  | Contract   | No. CV/2004/    | 02 Recons   | truction of V   | Vong She   | ek and Ko  | Lau Wa  | n Public   | Piers   | -   | Client:  | Kin Shing  | Constru  | ction Co.   | , Ltd.   |   | Job No.:   | J429  | -   |   |          |
|---|--|-----------------|---|---|--|--|---|--|---|---|--|--|--|---|--|---|--|---|---|---|----------|
| Date of   | Sampling:  | 3/9/2005        |   | W   | /eather C  | ondition:  | Sunny   |  |   | -   | Ambie  | nt Temper  | ature,⁰C:  | 31  |  | . <sup>1</sup>  | Fide State:  | Mid-Floo  | bd  | -   |          |
| Station   | Time   | Sea             | Overall   | Sampling  | Tempera  | ature, °C  | Dissolve  | ed Oxyge   | n, mg/L   | Dissolve  | d Oxyge  | n, %   | Salinity,  | ppt   | Turbidity  | , NTU   |  | Suspend   | ded Solic   | ls, mg/L  | Remarks  |
|   |  | Condition       | Depth, m  | Depth,m   | а  | b  | а   | b  | Average   | а   | b  | Average  | а  | b   | а  | b   | Average  |   |   | Depth<br>Average  |          |
| MW1 S   | 15:48  |                 |   | 1   | 27.1   | 27.1   | 4.72  | 4.71   |   | 69.8  | 69.5   |  | 31.3   | 31.4  | 1.25   | 1.30  |  | 43  | 35  |   |          |
| MW1 M   | 15:51  |                 | 5   | 2.5   | 26.7   | 26.7   | 4.40  | 4.39   | 4.56  | 65.4  | 65.6   | 67.6   | 31.8   | 31.8  | 2.18   | 2.20  | 1.65   | 18  | 15  | 24  |          |
| MW1 B   | 15:55  |                 |   | 4   | 26.1   | 26.1   | 3.32  | 3.35   | 3.34  | 51.7  | 52.0   | 51.9   | 32.1   | 32.2  | 1.49   | 1.50  |  | 15  | 18  |   |          |
| MW2 S   | 15:58  |                 |   | 1   | 26.8   | 26.8   | 5.07  | 5.10   |   | 75.2  | 74.9   |  | 31.5   | 31.5  | 1.20   | 1.25  |  | 11  | 11  |   |          |
| MW2 M   | 16:02  | -               | 10  | 5   | 26.2   | 26.3   | 4.30  | 4.32   | 4.70  | 64.7  | 65.0   | 70.0   | 31.9   | 31.9  | 2.06   | 2.08  | 1.59   | 19  | 17  | 14  |          |
| MW2 B   | 16:05  |                 |   | 9   | 25.7   | 25.7   | 3.15  | 3.16   | 3.16  | 47.0  | 47.2   | 47.1   | 32.1   | 32.2  | 1.47   | 1.50  |  | 12  | 14  |   |          |
| CW1 S   | 15:42  |                 |   | 1   | 27.3   | 27.3   | 4.62  | 4.60   |   | 71.0  | 71.5   |  | 31.6   | 31.5  | 0.94   | 0.96  |  | 14  | 17  |   |          |
| CW1 M   |  |                 | 4   |   |  |  |   |  | 4.61  |   |  | 71.3   |  |   | 1  |   | 1.13   |   |   | 16  |          |
| CW1 B   | 15:45  |                 |   | 3   | 27.0   | 27.1   | 4.42  | 4.41   | 4.42  | 69.5  | 69.3   | 69.4   | 31.6   | 31.7  | 1.30   | 1.32  |  | 16  | 17  |   |          |
| CW2 S   | 16:08  |                 |   | 1   | 26.8   | 26.8   | 5.20  | 5.18   |   | 77.3  | 77.0   |  | 30.4   | 30.5  | 0.92   | 0.94  |  | 11  | 12  |   |          |
| CW2 M   | 16:11  |                 | 11  | 5.5   | 26.5   | 26.5   | 4.63  | 4.60   | 4.90  | 68.6  | 68.4   | 72.8   | 31.8   | 31.8  | 1.17   | 1.16  | 1.12   | 15  | 16  | 18  |          |
| CW2 B   | 16:15  |                 |   | 10  | 24.8   | 24.8   | 2.09  | 2.10   | 2.10  | 30.0  | 30.2   | 30.1   | 33.2   | 33.2  | 1.24   | 1.26  |  | 25  | 27  |   |          |
| <u></u>   |  |                 |   |   | •  | •  |   |  |   |   |  |  |  |   | •  |   |  |   |   |   | ·        |
| Equipme   | nt used:   | Dissolved O     | kygen Mete  | er:   | EM   | 6167   |   | Calibrati  | on Check:   |   | 100  | 100%:  |  |   |  |   | Sampled  | By:   | Pong  |   | <u>-</u> |
|   |  | Turbidity Me    | ter:  |   | EM   | 2365   |   | Calibrati  | on Check:   |   | 9.8  | NTU  |  |   |  |   | Checked  | By:   | Raymor  | nd Dai  | <u>-</u> |
|   |  | Salinity Mete   | er:   |   | EM   | 6167   |   | Calibrati  | on Check:   |   | 34.5   | ppt  |  |   |  |   | Date:  |   | 10/9/20   | 05  | -        |
|   |  | Thermomete      | er:   |   | EM   | 6167   |   |  |   |   |  |  |  |   |  |   |  |   |   |   |          |
|   |  |                 |   |   |  |  |   |  |   |   |  |  |  |   |  |   |  |   |   |   |          |
| Proiect:  | Contract   | No. CV/2004/    | 02 Recons   | truction of V   | Vona She   | ek and Ko  | Lau Wa  | n Public   | Piers   |   | Client:  | Kin Shina  | Constru  | ction Co.   | . Ltd.   |   | Job No.:   | J429  |   |   |          |
|   |  | No. CV/2004/    |   |   |  |  |   | n Public   | Piers   |   |  | Kin Shing  |  |   |  |   | Job No.:<br>Fide State:  |   | <u>-</u>  |   |          |
| Date of   | Sampling:  | 3/9/2005        |   | W   | /eather C  | ondition:  | Sunny   |  |   | <u>.</u>  | Ambie  | nt Temper  | ature,⁰C:  | 31  |  | . 1   | Job No.:<br>Fide State:  | Mid-Ebb   |   | -   | Pemarks  |
|   |  |                 |   | W   | /eather C  |  | Sunny   |  |   | <u>.</u>  |  | nt Temper  |  | 31  |  | . 1   |  | Mid-Ebb   | ded Solic   | Depth   | Remarks  |
| Date of   | Sampling:  | 3/9/2005<br>Sea | Overall   | W   | /eather C  | ondition:<br>ature, °C   | Sunny<br>Dissolve   | ed Oxyge   | n, mg/L   | Dissolve  | Ambie<br>d Oxyge   | nt Temper  | ature,⁰C:<br>Salinity,   | 31<br>ppt   | Turbidity  | , NTU   | Fide State:  | Mid-Ebb   |   |   | Remarks  |
| Date of<br>Station  | Sampling:  | 3/9/2005<br>Sea | Overall   | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b  | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b  | n, mg/L   | Dissolve  | Ambie<br>d Oxyge<br>b  | nt Temper  | ature,°C:<br>Salinity,<br>a  | 900 31  | Turbidity<br>a   | /, NTU<br>b   | Fide State:  | Mid-Ebb   | ded Solic   | Depth   | Remarks  |
| Date of<br>Station<br>MW1 S   | Sampling:  | 3/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b  | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b  | n, mg/L<br>Average  | Dissolve  | Ambie<br>d Oxyge<br>b  | nt Temper<br>n, %<br>Average   | ature,°C:<br>Salinity,<br>a  | 900 31  | Turbidity<br>a   | /, NTU<br>b   | Fide State:  | Mid-Ebb   | ded Solic   | Depth<br>Average  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>12:55   | 3/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a<br>26.5  | ature, °C<br>b<br>26.5   | Sunny<br>Dissolve<br>a<br>4.82  | ed Oxyge<br>b<br>4.94  | n, mg/L<br>Average<br>4.88  | Dissolve<br>a<br>75.0   | Ambie<br>d Oxyge<br>b<br>75.2  | nt Temper  | ature,°C:<br>Salinity,<br>a<br>31.5  | 900 31.5  | Turbidity<br>a<br>1.44   | 7, NTU<br>b<br>1.41   | Fide State:  | Mid-Ebb   | ded Solic   | Depth<br>Average  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>12:55<br>12:59  | 3/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1<br>3  | Veather C<br>Tempera<br>a<br>26.5<br>26.0  | ature, °C<br>b<br>26.5<br>26.1   | Sunny<br>Dissolve<br>a<br>4.82<br>4.58  | ed Oxyge<br>b<br>4.94<br>4.59  | n, mg/L<br>Average<br>4.88  | Dissolve<br>a<br>75.0<br>68.4   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6  | nt Temper  | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8  | 231<br>ppt<br>b<br>31.5<br>31.8   | Turbidity<br>a<br>1.44<br>1.67   | 7, NTU<br>b<br>1.41<br>1.69   | Fide State:  | Mid-Ebb<br>Suspend<br>12<br>18  | ded Solic   | Depth<br>Average  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>12:55<br>12:59<br>13:05   | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | (eather C<br>a<br>26.5<br>26.0<br>26.5   | ature, °C<br>b<br>26.5<br>26.1<br>26.5   | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35   | n, mg/L<br>Average<br>4.88<br>4.59  | Dissolve<br>a<br>75.0<br>68.4<br>82.2   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4  | n, %<br>Average<br>75.1<br>68.5  | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6  | b<br>   | Turbidity<br>a<br>1.44<br>1.67<br>0.92   | 7, NTU<br>b<br>1.41<br>1.69<br>0.91   | Average  | Mid-Ebb<br>Suspend<br>12<br>18<br>30  | ded Solic<br>11<br>15<br>29   | Depth<br>Average<br>14                                  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08  | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | /eather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0   | ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0   | Sunny           Dissolve           a           4.82           4.58           5.32           4.88  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72  | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3  | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3   | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9   | 31<br>ppt<br>31.5<br>31.8<br>30.6<br>31.9   | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30   | 7, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32   | Average  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17  | ded Solic<br>11<br>15<br>29<br>18   | Depth<br>Average<br>14                                  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12   | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8                                       | /eather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3   | endition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3  | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72   | n, mg/L<br>Average<br>• 4.88<br>• 4.59<br>• 5.10  | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4<br>70.2   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3  | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3   | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9   | 31<br>ppt<br>b<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12                                 | 7, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10                                 | Average  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22  | ded Solic<br>11<br>15<br>29<br>18<br>17   | Depth<br>Average<br>14                                  | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S  | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12   | 3/9/2005<br>Sea | Overali<br>Depth, m<br>4<br>9                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8                                       | /eather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3   | endition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3  | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72  | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4<br>70.2   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3  | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3   | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9   | 31<br>ppt<br>b<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12                                 | 7, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10                                 | Average<br>1.55<br>1.45  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22  | ded Solic<br>11<br>15<br>29<br>18<br>17   | Depth<br>Average<br>14<br>22                            | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M  | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45  | 3/9/2005<br>Sea | Overali<br>Depth, m<br>4<br>9                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1                             | /eather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3<br>26.8   | condition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8   | Sunny           Dissolve           a           4.82           4.82           4.58           5.32           4.88           4.71           4.56 | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76                              | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4<br>70.2<br>69.5   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5  | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1                                 | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7                                 | 31           ppt         b           31.5         31.8           30.6         31.9           32.9         31.7  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49                         | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47                         | Average<br>1.55<br>1.45  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20                                      | 11<br>15<br>29<br>18<br>17<br>17  | Depth<br>Average<br>14<br>22                            | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B  | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>12:52                                     | 3/9/2005<br>Sea | Overali<br>Depth, m<br>4<br>9                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2                        | reather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4   | ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4   | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>3.78  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56                                      | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4<br>70.2<br>69.5<br>56.3   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5<br>55.9                                | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5   | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.7                         | 31           ppt           b           31.5           31.8           30.6           31.9           31.7           31.9  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26                 | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47                         | Average<br>1.55<br>1.45  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14                                | 11           15           29           18           17           17           14  | Depth<br>Average<br>14<br>22                            | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW2 S                                     | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>12:52<br>13:15                            | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                          | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1                   | /eather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.4                                 | condition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.4   | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>3.78<br>5.38  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74<br>5.36   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76                              | Dissolve<br>a<br>75.0<br>68.4<br>82.2<br>72.4<br>70.2<br>69.5<br>56.3<br>77.9   | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>69.5<br>69.5<br>55.9<br>77.5                        | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1                                 | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.9<br>31.9<br>31.9         | 9pt         0           31.5         31.8           30.6         31.9           32.9         31.7           31.9         32.9           31.7         31.9           31.9         31.9 | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26<br>1.65         | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47<br>2.27<br>1.67         | Average           1.55           1.45           1.87   | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14<br>10                          | 11           15           29           18           17           14           9   | Depth<br>Average<br>14<br>22<br>16                      | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M                   | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>13:15<br>13:18                            | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                          | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5.5       | Veather C<br>Tempera<br>26.5<br>26.0<br>26.0<br>25.3<br>26.0<br>25.3<br>26.8<br>26.4<br>26.4<br>26.3<br>26.0                 | eondition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.3<br>26.4<br>26.3                         | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>3.78<br>5.38<br>4.47  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74<br>5.36<br>4.50                                   | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76<br>4.93                      | Dissolve           a           75.0           68.4           82.2           72.4           70.2           69.5           56.3           77.9           66.8 | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5<br>55.9<br>77.5<br>66.9                | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1<br>72.3                         | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.9<br>31.9<br>31.9<br>31.9 | 31           ppt           b           31.5           31.8           30.6           31.9           31.9           31.9           31.9           31.9                                  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26<br>1.65<br>2.32 | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47<br>2.27<br>1.67<br>2.34 | Average           1.55           1.45           1.87   | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14<br>10<br>11                    | ded Solid           11           15           29           18           17           17           14           9           13                             | Depth<br>Average<br>14<br>22<br>16                      | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M                   | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>13:12<br>12:52<br>13:15<br>13:18<br>13:23 | 3/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3<br>11                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>1<br>2<br>1<br>5.5<br>10 | Veather C<br>Tempera<br>26.5<br>26.0<br>26.0<br>25.3<br>26.0<br>25.3<br>26.8<br>26.4<br>26.4<br>26.3<br>26.0                 | eondition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.3<br>26.4<br>26.3                         | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>3.78<br>5.38<br>4.47  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74<br>5.36<br>4.50<br>3.50                           | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76<br>4.93                      | Dissolve           a           75.0           68.4           82.2           72.4           70.2           69.5           56.3           77.9           66.8 | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5<br>55.9<br>77.5<br>66.9                | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1<br>72.3<br>51.3                 | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.9<br>31.9<br>31.9<br>31.9 | 31           ppt           b           31.5           31.8           30.6           31.9           31.9           31.9           31.9           31.9                                  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26<br>1.65<br>2.32 | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47<br>2.27<br>1.67<br>2.34 | Average           1.55           1.45           1.87   | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14<br>10<br>11<br>17              | ded Solid           11           15           29           18           17           17           14           9           13                             | Depth<br>Average<br>14<br>22<br>16                      | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>13:12<br>12:52<br>13:15<br>13:18<br>13:23 | 3/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>3<br>11               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>1<br>2<br>1<br>5.5<br>10 | Veather C<br>Tempera<br>26.5<br>26.0<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.4<br>26.3<br>26.0<br>25.0         | condition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.4<br>26.4<br>26.3<br>26.1<br>25.1                         | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>5.38<br>4.47<br>3.47  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74<br>5.36<br>4.50<br>3.50<br>Calibrati              | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76<br>4.93<br>3.49              | Dissolve           a           75.0           68.4           82.2           72.4           70.2           69.5           56.3           77.9           66.8 | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5<br>55.9<br>77.5<br>66.9<br>51.4        | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1<br>72.3<br>51.3<br>100%:        | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.9<br>31.9<br>31.9<br>31.9 | 31           ppt           b           31.5           31.8           30.6           31.9           31.9           31.9           31.9           31.9                                  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26<br>1.65<br>2.32 | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47<br>2.27<br>1.67<br>2.34 | Average           1.55           1.45           1.87           2.15  | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14<br>10<br>11<br>17<br>17<br>8y: | ded Solid           11           15           29           18           17           17           14           9           13           21                | Depth<br>Average<br>14<br>22<br>16<br>14                | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>12:55<br>12:59<br>13:05<br>13:08<br>13:12<br>12:45<br>13:12<br>12:52<br>13:15<br>13:18<br>13:23 | 3/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>3<br>11<br>xygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>1<br>2<br>1<br>5.5<br>10 | Veather C<br>Tempera<br>26.5<br>26.0<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.3<br>26.4<br>26.3<br>26.0<br>25.0<br>25.0 | eondition:<br>ature, °C<br>b<br>26.5<br>26.1<br>26.5<br>26.0<br>25.3<br>26.8<br>26.8<br>26.4<br>26.3<br>26.4<br>26.3<br>26.1<br>25.1<br>6167 | Sunny<br>Dissolve<br>a<br>4.82<br>4.58<br>5.32<br>4.88<br>4.71<br>4.56<br>3.78<br>5.38<br>4.47<br>3.47  | d Oxyge<br>b<br>4.94<br>4.59<br>5.35<br>4.86<br>4.72<br>4.56<br>3.74<br>5.36<br>4.50<br>3.50<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>4.88<br>4.59<br>5.10<br>4.72<br>4.56<br>3.76<br>4.93<br>3.49<br>on Check: | Dissolve           a           75.0           68.4           82.2           72.4           70.2           69.5           56.3           77.9           66.8 | Ambie<br>d Oxyge<br>b<br>75.2<br>68.6<br>82.4<br>72.3<br>70.3<br>69.5<br>55.9<br>77.5<br>66.9<br>51.4<br>100 | nt Temper<br>n, %<br>Average<br>75.1<br>68.5<br>77.3<br>70.3<br>69.5<br>56.1<br>72.3<br>51.3<br>100%:<br>NTU | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>30.6<br>31.9<br>32.9<br>31.7<br>31.9<br>31.9<br>31.9<br>31.9 | 31           ppt           b           31.5           31.8           30.6           31.9           31.9           31.9           31.9           31.9                                  | Turbidity<br>a<br>1.44<br>1.67<br>0.92<br>1.30<br>2.12<br>1.49<br>2.26<br>1.65<br>2.32 | r, NTU<br>b<br>1.41<br>1.69<br>0.91<br>1.32<br>2.10<br>1.47<br>2.27<br>1.67<br>2.34 | Image         Image           1.55         1.45           1.45         1.87           2.15         Sampled | Mid-Ebb<br>Suspend<br>12<br>18<br>30<br>17<br>22<br>20<br>14<br>10<br>11<br>17<br>17<br>8y: | ded Solic           11           15           29           18           17           17           14           9           13           21           Pong | Depth<br>Average<br>14<br>22<br>16<br>16<br>14<br>d Dai | Remarks  |

|  | Contract  | No. CV/2004/    | UZ Recons  | truction of v   | vong Sne   | ek and Ko   | Lau wa   | n Public  | Piers  |  | Client:   | Kin Shing   | Constru   | ction Co.  | , Ltd.   | •   | Job No.:  | J429  | -   |  |         |
|--|---|-----------------|--|---|--|---|--|---|--|--|---|---|---|--|--|---|---|---|---|--|---------|
| Date of  | Sampling:   | 5/9/2005        |  | w   | /eather C  | ondition:   | Sunny  |   |  |  | Ambie   | nt Temper   | ature,⁰C:   | 34   |  | . 1   | Fide State:   | Mid-Floo  | bd  | -  |         |
| Station  | Time  | Sea             | Overall  | Sampling  | Tempera  | ature, °C   | Dissolve   | d Oxvae   | n, ma/L  | Dissolve   | d Oxyge   | n, %  | Salinity,   | ppt  | Turbidity  | , NTU   |   | Suspen  | ded Solid   | ls, ma/L                                       | Remarks |
|  |   | Condition       | Depth, m   | -   | а  | b   | а  | b   | Average  | а  |   | Average   | а   | b  | а  |   | Average   |   |   | Depth<br>Average                               |         |
| MW1 S  | 15:52   |                 |  | 1   | 28.8   | 28.8  | 4.84   | 4.80  | 4.79   | 74.3   | 74.0  | 73.2  | 30.8  | 30.8   | 1.38   | 1.40  |   | 37  | 33  |  |         |
| MW1 M  | 15:54   |                 | 5  | 2.5   | 27.7   | 27.7  | 4.75   | 4.76  | 4.10   | 72.2   | 72.4  | 10.2  | 31.5  | 31.5   | 1.25   | 1.27  | 1.51  | 18  | 18  | 24   |         |
| MW1 B  | 15:57   |                 |  | 4   | 27.7   | 27.7  | 4.62   | 4.65  | 4.64   | 71.0   | 71.2  | 71.1  | 31.6  | 31.6   | 1.87   | 1.91  |   | 18  | 20  |  |         |
| MW2 S  | 16:00   |                 |  | 1   | 28.8   | 28.8  | 5.10   | 5.12  | 4.99   | 78.4   | 78.7  | 75.9  | 30.5  | 30.6   | 0.82   | 0.79  |   | 12  | 11  |  |         |
| MW2 M  | 16:04   |                 | 10   | 5   | 27.2   | 27.2  | 4.88   | 4.86  | 4.00   | 73.4   | 73.2  | 10.5  | 31.8  | 31.8   | 1.55   | 1.54  | 1.48  | 18  | 17  | 14   |         |
| MW2 B  | 16:06   |                 |  | 9   | 26.5   | 26.5  | 4.09   | 4.08  | 4.09   | 60.3   | 60.2  | 60.3  | 32.0  | 32.0   | 2.07   | 2.08  |   | 12  | 13  |  |         |
| CW1 S  | 15:45   |                 |  | 1   | 28.7   | 28.7  | 4.59   | 4.60  | 4.60   | 71.1   | 71.2  | 71.2  | 30.8  | 30.8   | 1.33   | 1.35  |   | 17  | 14  |  |         |
| CW1 M  |   |                 | 4  |   |  |   |  |   | 4.00   |  |   | 11.2  |   |  |  |   | 1.38  |   |   | 17   |         |
| CW1 B  | 15:48   |                 |  | 3   | 28.3   | 28.3  | 3.62   | 3.64  | 3.63   | 53.7   | 53.9  | 53.8  | 30.9  | 30.9   | 1.43   | 1.41  |   | 20  | 17  |  |         |
| CW2 S  | 16:10   |                 |  | 1   | 28.9   | 28.9  | 5.15   | 5.16  | 5.12   | 78.9   | 78.6  | 77.5  | 30.8  | 30.8   | 1.67   | 1.66  |   | 14  | 17  |  |         |
| CW2 M  | 16:14   |                 | 11   | 5.5   | 27.1   | 27.2  | 5.08   | 5.10  | 5.12   | 76.0   | 76.4  | 11.5  | 31.8  | 31.9   | 2.25   | 2.23  | 2.24  | 20  | 18  | 21   |         |
| CW2 B  | 16:16   |                 |  | 10  | 26.4   | 26.4  | 4.17   | 4.19  | 4.18   | 61.7   | 61.9  | 61.8  | 32.1  | 32.1   | 2.83   | 2.81  |   | 26  | 28  |  |         |
|  |   |                 |  |   |  |   |  |   |  |  |   |   |   |  |  |   |   |   |   |  |         |
| Equipmer   | it used:  | Dissolved O     |  | er:   | EM   | 6167  | •  |   | on Check:  |  | 100   | -   |   |  |  |   | Sampled   | -   | Pong  |  | -       |
|  |   | Turbidity Me    |  |   | EM   | 2365  | •  |   | on Check:  |  | 9.9   | -   |   |  |  |   | Checked   | By:   | Raymor  |  | -       |
|  |   | Salinity Mete   |  |   | EM   | 6167  | •  | Calibrati   | on Check:  |  | 34.5  | _ ppt   |   |  |  |   | Date:   |   | 12/9/200  | 05   | -       |
|  |   | Thermomete      | er:  |   | EM   | 6167  |  |   |  |  |   |   |   |  |  |   |   |   |   |  |         |
|  |   |                 |  |   |  |   |  |   |  |  |   |   |   |  |  |   |   |   |   |  |         |
| Project:   | Contract I  | No. CV/2004/    | 02 Recons  | truction of V   | Vong She   | ek and Ko   | ) Lau Wa   | n Public  | Piers  |  | Client:   | Kin Shing   | Constru   | ction Co.  | , Ltd.   |   | Job No.:  | J429  | _   |  |         |
|  | Contract I<br>Sampling:   |                 |  |   | Vong She<br>/eather C  |   |  | n Public  | Piers  |  |   | Kin Shing   |   |  |  | -   | Job No.:<br>Fide State:   |   | -<br>)  | _  |         |
| Date of  |   |                 |  |   | /eather C  |   | Sunny  |   |  |  |   | nt Temper   |   | 34   |  | . 1   |   | Mid-Ebb   | ded Solid   | -<br>ds, mg/L                                  | Remarks |
| Date of  | Sampling:   | 5/9/2005        |  | Sampling  | /eather C  | ondition:   | Sunny  |   |  |  | Ambie   | nt Temper   | ature,°C:   | 34   |  | . 1   |   | Mid-Ebb   |   | ls, mg/L<br>Depth<br>Average                   | Remarks |
| Date of  | Sampling:   | 5/9/2005<br>Sea | Overall  | Sampling  | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve  | d Oxyge   | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge  | nt Temper<br>n, %<br>Average  | ature,°C:<br>Salinity,  | 34<br>ppt  | Turbidity  | , NTU   | Fide State:   | Mid-Ebb   |   | Depth  | Remarks |
| Date of<br>Station   | Sampling:<br>Time   | 5/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | d Oxyge<br>b  | n, mg/L  | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Temper   | ature,°C:<br>Salinity,<br>a   | 94<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b  | Fide State:   | Mid-Ebb   | ded Solid   | Depth  | Remarks |
| Date of<br>Station<br>MW1 S  | Sampling:<br>Time   | 5/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | d Oxyge<br>b  | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Temper<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a   | 94<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b  | Fide State:   | Mid-Ebb   | ded Solid   | Depth<br>Average                               | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M   | Sampling:<br>Time<br>12:43  | 5/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1   | /eather C<br>Tempera<br>a<br>28.3  | ondition:<br>ature, °C<br>b<br>28.3   | Sunny<br>Dissolve<br>a<br>4.60   | d Oxyge<br>b<br>4.62  | n, mg/L<br>Average<br>4.61<br>4.32   | Dissolve<br>a<br>70.5  | Ambie<br>d Oxyge<br>b<br>70.8   | nt Temper<br>Average<br>70.7<br>66.1  | ature,°C:<br>Salinity,<br>a<br>30.7   | 34<br>ppt<br>b<br>30.8   | Turbidity<br>a<br>1.53   | 7, NTU<br>b<br>1.50   | Fide State:   | Mid-Ebb   | 14  | Depth<br>Average                               | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B  | Sampling:<br>Time<br>12:43<br>12:46   | 5/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3  | Veather C<br>a<br>28.3<br>28.0   | ondition:<br>ature, °C<br>b<br>28.3<br>28.0   | Sunny<br>Dissolve<br>a<br>4.60<br>4.32   | d Oxyge<br>b<br>4.62<br>4.32  | n, mg/L<br>Average<br>4.61   | Dissolve<br>a<br>70.5<br>66.1  | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1   | nt Temper<br>n, %<br>Average<br>· 70.7  | ature,°C:<br>Salinity,<br>a<br>30.7<br>31.6   | 34<br>ppt<br>b<br>30.8<br>31.7   | Turbidity<br>a<br>1.53<br>1.91   | r, NTU<br>b<br>1.50<br>1.90   | Fide State:   | Mid-Ebb<br>Suspend<br>17<br>16  | ded Solid<br>14<br>19   | Depth<br>Average                               | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S   | Sampling:<br>Time<br>12:43<br>12:46<br>12:50  | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | (eather C<br>a<br>28.3<br>28.0<br>28.0   | ondition:<br>b<br>28.3<br>28.0<br>28.0  | Sunny<br>Dissolve<br>a<br>4.60<br>4.32<br>5.93   | d Oxyge<br>b<br>4.62<br>4.32<br>5.92  | n, mg/L<br>Average<br>4.61<br>4.32   | Dissolve<br>a<br>70.5<br>66.1<br>90.2  | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1   | nt Temper<br>Average<br>70.7<br>66.1  | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4  | 34<br>ppt<br>30.8<br>31.7<br>30.2  | Turbidity<br>a<br>1.53<br>1.91<br>1.29   | 7, NTU<br>b<br>1.50<br>1.90<br>1.30   | Average   | Mid-Ebb<br>Suspend<br>17<br>16<br>16  | 14<br>19<br>21  | Depth<br>Average<br>17                         | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M  | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54   | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5   | /eather C<br>Tempera<br>28.3<br>28.0<br>28.0<br>28.3<br>27.1   | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>28.0<br>28.3<br>27.1                                 | Sunny           Dissolve           a           4.60           4.32           5.93           5.24   | d Oxyge<br>b<br>4.62<br>4.32<br>5.92<br>5.24  | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99                                 | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7                                  | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7   | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8  | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1  | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1   | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74   | 7, NTU<br>b<br>1.50<br>1.90<br>1.30   | Average   | Mid-Ebb<br>Suspend<br>17<br>16<br>16<br>10  | 14<br>19<br>21<br>8   | Depth<br>Average<br>17                         | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B   | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58  | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | /eather C<br>Tempera<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7   | ondition:<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7  | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98  | d Oxyge<br>b<br>4.62<br>4.32<br>5.92<br>5.24<br>4.99  | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58   | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7<br>74.9                          | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7   | nt Temper<br>Average<br>70.7<br>66.1<br>84.4  | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2  | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2   | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48                                 | 7, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43   | Average   | Mid-Ebb<br>Suspense<br>17<br>16<br>16<br>10<br>18   | 14<br>19<br>21<br>8<br>14   | Depth<br>Average<br>17                         | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S  | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58  | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | /eather C<br>Tempera<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7   | ondition:<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7  | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98  | d Oxyge<br>b<br>4.62<br>4.32<br>5.92<br>5.24<br>4.99  | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99                                 | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7<br>74.9                          | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7   | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8  | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2  | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2   | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48                                 | 7, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43   | Average 1.71 1.49   | Mid-Ebb<br>Suspense<br>17<br>16<br>16<br>10<br>18   | 14<br>19<br>21<br>8<br>14   | Depth<br>Average<br>17<br>15                   | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M  | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37   | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | Veather C<br>Tempera<br>28.3<br>28.0<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2                                 | ondition:<br>ature, C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2                                  | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98           5.02   | d Oxyge<br>b<br>4.62<br>4.32<br>5.92<br>5.24<br>4.99<br>5.00                                      | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01<br>4.35                 | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7<br>74.9<br>76.7                  | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5                                 | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6<br>66.5                          | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6                                | 34           ppt           b           30.8           31.7           30.2           32.1           32.2           30.7 | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23                         | 7, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43<br>1.21                                 | Average 1.71 1.49   | Mid-Ebb<br>Suspend<br>17<br>16<br>16<br>10<br>18<br>19  | 14<br>19<br>21<br>8<br>14<br>17   | Depth<br>Average<br>17<br>15                   | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                            | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37<br>12:40  | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | Veather C<br>Tempera<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8                                 | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8                         | Sunny<br>Dissolve<br>a<br>4.60<br>4.32<br>5.93<br>5.24<br>4.98<br>5.02<br>4.34   | d Oxyge<br>b<br>4.62<br>4.32<br>5.92<br>5.24<br>4.99<br>5.00<br>4.36                              | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01                         | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7<br>74.9<br>76.7<br>66.5          | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5<br>66.4                         | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6                                  | ature,°C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6<br>30.8                         | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2<br>30.7<br>30.7<br>30.8   | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23<br>1.42                 | r, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43<br>1.21                                 | Average 1.71 1.49   | Mid-Ebb<br>Suspen<br>17<br>16<br>16<br>10<br>18<br>19<br>8  | 14<br>19<br>21<br>8<br>14<br>17<br>9  | Depth<br>Average<br>17<br>15                   | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S                   | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37<br>12:40<br>13:04                               | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2  | Veather C<br>Tempera<br>28.3<br>28.0<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>28.2<br>27.8<br>28.3         | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>28.2<br>27.8<br>28.3         | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98           5.02           4.34           5.04                               | d Oxyge<br>b<br>4.62<br>5.92<br>5.92<br>5.92<br>5.92<br>5.00<br>4.36<br>5.03                      | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01<br>4.35                 | Dissolve<br>a<br>70.5<br>66.1<br>90.2<br>78.7<br>74.9<br>76.7<br>66.5<br>77.9  | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5<br>66.4<br>77.6                 | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6<br>66.5                          | ature, °C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6<br>30.8<br>30.8                | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2<br>30.7<br>30.8<br>30.7   | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23<br>1.42<br>1.19         | r, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.30<br>1.71<br>1.43<br>1.21<br>1.41<br>1.15         | Average           1.71           1.49           1.32                | Mid-Ebb<br>Suspen<br>17<br>16<br>16<br>10<br>18<br>19<br>8<br>8<br>16   | 14<br>19<br>21<br>8<br>14<br>17<br>9<br>15  | Depth<br>Average<br>17<br>15<br>15             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M          | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37<br>12:40<br>13:04<br>13:07                      | 5/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5   | Veather C<br>Tempera<br>28.3<br>28.0<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8<br>28.3<br>27.1         | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8<br>28.3<br>27.1         | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98           5.02           4.34           5.04           4.86                | d Oxyge<br>b<br>4.62<br>5.92<br>5.24<br>4.99<br>5.00<br>4.36<br>5.03<br>4.86                      | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01<br>4.35<br>4.95         | Dissolve<br>a<br>70.5<br>666.1<br>90.2<br>78.7<br>74.9<br>76.7<br>77.9<br>73.0 | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5<br>77.6<br>77.6<br>73.1         | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6<br>66.5<br>66.5<br>75.4          | ature,°C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6<br>30.8<br>30.8<br>30.7<br>31.8 | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2<br>30.7<br>30.8<br>30.7<br>31.9                                 | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23<br>1.42<br>1.19<br>1.50 | r, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43<br>1.21<br>1.41<br>1.41<br>1.45<br>1.47 | Average           1.71           1.49           1.32                | Mid-Ebb<br>Suspen<br>17<br>16<br>16<br>10<br>18<br>19<br>8<br>8<br>16<br>18                                     | 14           19           21           8           14           17           9           15           18              | Depth<br>Average<br>17<br>15<br>15             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M          | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37<br>12:40<br>13:04<br>13:07<br>13:10<br>at used: | 5/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>xygen Mete | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Veather C<br>Tempera<br>28.3<br>28.0<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8<br>28.3<br>27.1         | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8<br>28.3<br>27.1         | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98           5.02           4.34           5.04           4.86           4.42 | d Oxyge<br>b<br>4.62<br>5.92<br>5.92<br>5.92<br>4.99<br>5.00<br>4.36<br>5.03<br>4.86<br>4.40      | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01<br>4.35<br>4.95         | Dissolve<br>a<br>70.5<br>666.1<br>90.2<br>78.7<br>74.9<br>76.7<br>77.9<br>73.0 | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5<br>77.6<br>77.6<br>73.1         | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6<br>66.5<br>75.4<br>65.9          | ature,°C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6<br>30.8<br>30.8<br>30.7<br>31.8 | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2<br>30.7<br>30.8<br>30.7<br>31.9                                 | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23<br>1.42<br>1.19<br>1.50 | r, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43<br>1.21<br>1.41<br>1.41<br>1.45<br>1.47 | Average           1.71           1.49           1.32                | Mid-Ebb<br>Suspen<br>17<br>16<br>16<br>10<br>18<br>19<br>8<br>8<br>16<br>18<br>12                               | 14           19           21           8           14           17           9           15           18              | Depth<br>Average<br>17<br>15<br>15             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>12:43<br>12:46<br>12:50<br>12:54<br>12:58<br>12:37<br>12:40<br>13:04<br>13:07<br>13:10<br>at used: | 5/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>xygen Mete | VW<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9  | Veather C<br>Tempera<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>28.2<br>27.8<br>28.3<br>27.1<br>26.5 | ondition:<br>ature, °C<br>b<br>28.3<br>28.0<br>28.3<br>27.1<br>26.7<br>28.2<br>27.8<br>28.3<br>27.1<br>26.5 | Sunny           Dissolve           a           4.60           4.32           5.93           5.24           4.98           5.02           4.34           5.04           4.86           4.42 | d Oxyge<br>b<br>4.62<br>5.92<br>5.24<br>4.99<br>5.00<br>4.36<br>5.03<br>4.86<br>4.40<br>Calibrati | n, mg/L<br>Average<br>4.61<br>4.32<br>5.58<br>4.99<br>5.01<br>4.35<br>4.95<br>4.41 | Dissolve<br>a<br>70.5<br>666.1<br>90.2<br>78.7<br>74.9<br>76.7<br>77.9<br>73.0 | Ambie<br>d Oxyge<br>b<br>70.8<br>66.1<br>90.1<br>78.7<br>74.7<br>76.5<br>66.4<br>77.6<br>73.1<br>65.8 | nt Temper<br>n, %<br>Average<br>70.7<br>66.1<br>84.4<br>74.8<br>76.6<br>66.5<br>75.4<br>65.9<br>100%: | ature,°C:<br>Salinity,<br>a<br>30.7<br>31.6<br>30.4<br>32.1<br>32.2<br>30.6<br>30.8<br>30.8<br>30.7<br>31.8 | 34<br>ppt<br>b<br>30.8<br>31.7<br>30.2<br>32.1<br>32.2<br>30.7<br>30.8<br>30.7<br>31.9                                 | Turbidity<br>a<br>1.53<br>1.91<br>1.29<br>1.74<br>1.48<br>1.23<br>1.42<br>1.19<br>1.50 | r, NTU<br>b<br>1.50<br>1.90<br>1.30<br>1.71<br>1.43<br>1.21<br>1.41<br>1.41<br>1.45<br>1.47 | Average           1.71           1.49           1.32           1.64 | Mid-Ebb<br>Suspen<br>17<br>16<br>16<br>10<br>18<br>19<br>8<br>16<br>18<br>19<br>8<br>8<br>16<br>18<br>12<br>By: | 14           19           21           8           14           17           9           15           18           16 | Depth<br>Average<br>17<br>15<br>15<br>13<br>16 | Remarks |

Thermometer:

| Project:  | Contract I  | No. CV/2004/0                 | 02 Recons  | truction of W   | Vong She   | ek and Ko   | Lau Wa  | n Public   | Piers   |  | Client:   | Kin Shing   | Constru   | ction Co.,   | , Ltd.   |   | Job No.:  | J429   |  |   |         |
|---|---|-------------------------------|--|---|--|---|---|--|---|--|---|---|---|--|--|---|---|--|--|---|---------|
| Date of   | Sampling:   | 7/9/2005                      |  | . w   | /eather C  | ondition:   | Sunny   |  |   |  | Ambier  | nt Tempera  | ature,ºC:   | 32   |  | Т   | ide State:  | Mid-Floo   | d  |   |         |
| Station   | Time  | Sea                           |  | Sampling  |  | ature, °C   |   |  |   |  | d Oxyge   |   | Salinity,   |  | Turbidity  |   |   | Suspend  | ded Solid  |   | Remarks |
|   |   | Condition                     | Depth, m   | Depth,m   | а  | b   | а   | b  | Average   | а  | b   | Average   | а   | b  | а  | b   | Average   |  |  | Depth<br>Average                                  |         |
| MW1 S   | 8:53  |                               |  | 1   | 29.0   | 29.0  | 4.68  | 4.69   | 4.62  | 72.3   | 72.5  | 71.6  | 31.0  | 31.1   | 0.94   | 0.92  |   | 24   | 24   |   |         |
| MW1 M   | 8:55  |                               | 5  | 2.5   | 28.8   | 28.9  | 4.55  | 4.55   | 4.02  | 70.7   | 70.7  | 71.0  | 31.3  | 31.3   | 1.66   | 1.65  | 1.58  | 23   | 20   | 18  |         |
| MW1 B   | 8:59  |                               |  | 4   | 28.5   | 28.5  | 4.48  | 4.48   | 4.48  | 69.2   | 69.2  | 69.2  | 31.3  | 31.3   | 2.15   | 2.13  |   | 7  | 8  |   |         |
| MW2 S   | 9:04  |                               |  | 1   | 29.1   | 29.0  | 5.82  | 5.85   | 5.73  | 90.4   | 90.2  | 89.4  | 31.0  | 31.0   | 1.64   | 1.61  |   | 13   | 15   |   |         |
| MW2 M   | 9:10  |                               | 10   | 5   | 28.0   | 28.0  | 5.64  | 5.62   |   | 88.4   | 88.6  |   | 31.0  | 31.1   | 2.23   | 2.20  | 2.14  | 20   | 17   | 15  |         |
| MW2 B   | 9:15  |                               |  | 9   | 27.4   | 27.4  | 5.47  | 5.45   | 5.46  | 84.3   | 84.2  | 84.3  | 31.5  | 31.5   | 2.56   | 2.57  |   | 12   | 14   |   |         |
| CW1 S   | 8:48  |                               |  | 1   | 29.3   | 29.3  | 4.42  | 4.45   | 4.44  | 68.4   | 68.6  | 68.5  | 30.9  | 30.9   | 1.69   | 1.71  |   | 17   | 14   |   |         |
| CW1 M   |   |                               | 4  |   |  |   |   |  |   |  |   |   |   |  |  |   | 1.96  |  |  | 13  |         |
| CW1 B   | 8:50  |                               |  | 3   | 29.1   | 29.1  | 3.45  | 3.46   | 3.46  | 53.4   | 53.5  | 53.5  | 31.4  | 31.5   | 2.23   | 2.20  |   | 12   | 10   |   |         |
| CW2 S   | 9:20  |                               |  | 1   | 28.5   | 28.5  | 5.19  | 5.16   | 5.13  | 82.9   | 82.4  | 80.4  | 31.5  | 31.5   | 1.64   | 1.62  |   | 14   | 17   |   |         |
| CW2 M   | 9:25  |                               | 11   | 5.5   | 28.3   | 28.2  | 5.10  | 5.07   |   | 78.3   | 78.0  |   | 31.4  | 31.4   | 1.27   | 1.25  | 1.49  | 8  | 7  | 20  |         |
| CW2 B   | 9:29  |                               |  | 10  | 27.6   | 27.6  | 4.77  | 4.76   | 4.77  | 73.1   | 73.5  | 73.3  | 31.5  | 31.5   | 1.60   | 1.58  |   | 37   | 37   |   |         |
| Fauinmo   | t used  | Dissolved O                   | urgen Metr   |   | <b>FM</b>  | 6467  |   | Calibrati  | on Cheeku   |  | 100   | 100%  |   |  |  |   | Compled   | D. a   | Dong   |   |         |
| Equipmer  | it used.  | Dissolved Ox<br>Turbidity Met |  |   | EM   | 6167<br>2365  |   |  | on Check:   |  | <u>100</u><br>9.8   |   |   |  |  |   | Sampled<br>Checked  |  | Pong<br>Raymon   | d Doi   |         |
|   |   | Salinity Mete                 |  |   | EM   | 6167  |   |  | on Check:   |  | 3.0   |   |   |  |  |   | Date:   | Dy.  | 14/9/200   |   |         |
|   |   | Thermomete                    |  |   | EM   | 6167  |   | Gailbrau   | on oncor.   |  |   | ppr   |   |  |  |   | Date.   |  | 14/3/200   |   |         |
|   |   |                               |  |   |  | 0.01  |   |  |   |  |   |   |   |  |  |   |   |  |  |   |         |
|   |   |                               |  |   |  |   |   |  |   |  |   |   |   |  |  |   |   |  |  |   |         |
| Project:  | Contract I  | No. CV/2004/0                 | 02 Recons  | truction of W   | Vong She   | ek and Ko   | Lau Wa  | n Public   | Piers   |  | Client:   | Kin Shing   | Construe  | ction Co.,   | , Ltd.   |   | Job No.:  | J429   |  |   |         |
|   |   | No. CV/2004/0<br>7/9/2005     |  |   | Vong She<br>/eather C  |   |   | n Public   | Piers   |  |   | Kin Shing   |   |  |  |   | Job No.:<br>Fide State:   |  |  |   |         |
|   |   | 7/9/2005<br>Sea               | Overall  | W   | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve   | ed Oxyge   | n, mg/L   | Dissolve   | Ambier  | nt Tempera  | ature,⁰C:<br>Salinity,  | 32   | Turbidity  | , NTU   | ide State:  | Mid-Ebb  | ded Solid  |   | Remarks |
| Date of   | Sampling:   | 7/9/2005                      |  | W   | /eather C  | ondition:   | Sunny   |  |   |  | Ambier  | nt Tempera  | ature,⁰C:   | 32   |  | T   |   | Mid-Ebb  |  | s, mg/L<br>Depth<br>Average                       | Remarks |
| Date of   | Sampling:   | 7/9/2005<br>Sea               | Overall  | W   | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve   | ed Oxyge   | n, mg/L<br>Average  | Dissolve   | Ambier  | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,  | 32   | Turbidity  | , NTU   | ide State:  | Mid-Ebb  |  | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time   | 7/9/2005<br>Sea               | Overall  | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b  | n, mg/L   | Dissolve<br>a  | Ambier<br>d Oxyger<br>b   | nt Tempera  | ature,⁰C:<br>Salinity,<br>a   | 32<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b   | ide State:  | Mid-Ebb  | ded Solid  | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time   | 7/9/2005<br>Sea               | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b  | n, mg/L<br>Average  | Dissolve<br>a  | Ambier<br>d Oxyger<br>b   | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,<br>a   | 32<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b   | Tide State:   | Mid-Ebb  | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>14:48  | 7/9/2005<br>Sea               | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1   | /eather C<br>Tempera<br>a<br>29.0  | ondition:<br>ature, °C<br>b<br>29.0   | Sunny<br>Dissolve<br>a<br>4.87  | ed Oxyge<br>b<br>4.80  | n, mg/L<br>Average<br>4.84<br>4.76  | Dissolve<br>a<br>75.2  | Ambier<br>d Oxyger<br>b<br>75.0   | nt Temper<br>Average<br>75.1<br>73.4  | ature,°C:<br>Salinity,<br>a<br>31.1   | 32<br>ppt<br>b<br>31.1   | Turbidity<br>a<br>1.23   | 7<br><u>7, NTU</u><br>b<br>1.25   | Tide State:   | Mid-Ebb  | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>14:48<br>14:52   | 7/9/2005<br>Sea               | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3  | Veather C<br>a<br>29.0<br>28.4   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4   | Sunny<br>Dissolve<br>a<br>4.87<br>4.75  | ed Oxyge<br>b<br>4.80<br>4.76  | n, mg/L<br>Average<br>4.84  | Dissolve<br>a<br>75.2<br>73.3  | Ambier<br>d Oxyger<br>b<br>75.0<br>73.5   | nt Tempera<br>n, %<br>Average<br>75.1   | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2   | 32<br>ppt<br>b<br>31.1<br>31.2   | Turbidity<br>a<br>1.23<br>1.94   | 7, NTU<br>b<br>1.25<br>1.95   | Tide State:   | Mid-Ebb<br>Suspend<br>19<br>9  | 18<br>11   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>14:48<br>14:52<br>14:55  | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | (eather C<br>a<br>29.0<br>28.4<br>28.9   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9   | Sunny<br>Dissolve<br>a<br>4.87<br>4.75<br>5.50  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54   | n, mg/L<br>Average<br>4.84<br>4.76  | Dissolve<br>a<br>75.2<br>73.3<br>84.9  | Ambieu<br>d Oxygeu<br>b<br>75.0<br>73.5<br>84.7   | nt Temper<br>Average<br>75.1<br>73.4  | ature, °C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3  | 32<br>ppt<br>b<br>31.1<br>31.2<br>30.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75   | r, NTU<br>b<br>1.25<br>1.95<br>0.73   | Average   | Mid-Ebb<br>Suspend<br>19<br>9<br>20  | 18<br>11<br>18   | Depth<br>Average<br>14                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:55   | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | /eather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3   | Sunny<br>Dissolve<br>a<br>4.87<br>4.75<br>5.50<br>4.58  | ed Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60  | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75  | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7  | Ambieu<br>d Oxyger<br>b<br>75.0<br>73.5<br>84.7<br>70.9   | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5   | ature, °C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9  | 32<br>ppt<br>b<br>31.1<br>31.2<br>30.3<br>31.0   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13   | 7<br>(, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15  | Average   | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19  | 18<br>11<br>11<br>18<br>15   | Depth<br>Average<br>14                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07  | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | /eather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6   | Sunny<br>Dissolve<br>a<br>4.87<br>4.75<br>5.50<br>4.58<br>1.74  | ed Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76  | n, mg/L<br>Average<br>• 4.84<br>• 5.06  | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5   | n, %<br>Average<br>75.1<br>73.4<br>77.8   | ature, °C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1  | 32<br>ppt<br>b<br>31.1<br>31.2<br>30.3<br>31.0<br>31.1   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46                                 | 7<br>, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46   | Average   | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16  | 18<br>11<br>18<br>15<br>12   | Depth<br>Average<br>14                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07  | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | /eather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6   | Sunny<br>Dissolve<br>a<br>4.87<br>4.75<br>5.50<br>4.58<br>1.74  | ed Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76  | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75  | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5   | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5   | ature, °C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1  | 32<br>ppt<br>b<br>31.1<br>31.2<br>30.3<br>31.0<br>31.1   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46                                 | 7<br>, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46   | Tide State:<br>Average<br>1.59  | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16  | 18<br>11<br>18<br>15<br>12   | Depth<br>Average<br>14<br>17                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                                     | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40                                     | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1   | Sunny           Dissolve           a           4.87           4.87           4.75           5.50           4.58           1.74           4.50 | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52   | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51                                      | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3   | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2   | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2                                 | 32           ppt           b           31.1           31.2           30.3           31.0           31.1           31.3                               | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82                         | 7, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85   | Tide State:<br>Average<br>1.59  | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20  | 18<br>18<br>11<br>18<br>15<br>12<br>18   | Depth<br>Average<br>14<br>17                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45                            | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2                                      | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0   | Sunny<br>Dissolve<br>a<br>4.87<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39   | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39                              | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1<br>69.1  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4                                       | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4                                 | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.2<br>31.3                 | 32<br>ppt<br>b<br>31.1<br>30.3<br>31.2<br>30.3<br>31.0<br>31.1<br>31.3<br>31.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10                 | 7, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85<br>1.12   | Tide State:<br>Average<br>1.59  | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11  | 18<br>11<br>18<br>11<br>18<br>15<br>12<br>18<br>18<br>14   | Depth<br>Average<br>14<br>17                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW2 S                   | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45<br>15:10                   | 7/9/2005<br>Sea               | Overall<br>Depth, m<br>4<br>9<br>3                     | Sampling<br>Depth,m   | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2   | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2                                 | Sunny<br>Dissolve<br>a<br>4.87<br>4.75<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38<br>5.26  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39<br>5.24   | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39                              | Dissolve           a           75.2           73.3           84.9           70.7           26.4           69.1           67.3           83.0 | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4<br>82.7                               | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4                                 | ature, °C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.3<br>31.3<br>31.0        | 32           ppt           b           31.1           31.2           30.3           31.0           31.1           31.3           31.3           30.9 | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10<br>1.54         | x, NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85<br>1.12<br>1.57   | Tide State:<br>Average<br>1.59<br>1.11<br>0.97  | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11<br>16<br>20<br>11                          | 18 11 18 15 12 18 14 12 12 12 14 12 12 14 12 12 12 12 12 12 12 12 12 12 12 12 12   | Depth<br>Average<br>14<br>17<br>17                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45<br>15:10<br>15:15<br>15:20 | 7/9/2005                      | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5<br>9                       | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.0<br>28.2<br>27.0<br>26.8             | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.1<br>26.8                 | Sunny<br>Dissolve<br>a<br>4.87<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38<br>5.26<br>5.03  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39<br>5.24<br>5.05<br>4.97                           | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39<br>5.15<br>4.96              | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1<br>67.3<br>83.0<br>78.3  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4<br>82.7<br>78.1<br>77.5               | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4<br>80.5<br>77.4                 | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.3<br>31.3<br>31.0<br>31.3 | 32<br>ppt<br>b<br>31.1<br>30.3<br>31.2<br>30.3<br>31.0<br>31.1<br>31.3<br>31.3<br>30.9<br>31.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10<br>1.54<br>1.47 | , NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85<br>1.12<br>1.57<br>1.50<br>2.39  | Tide State:<br>Average<br>1.59<br>1.11<br>0.97<br>1.81  | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11<br>16<br>20<br>11<br>14<br>18<br>17        | Image: 18         Image: 18         Image: 18         Image: 18         Image: 18         Image: 14         Image: 12         Image: 18         Image: 18 <t< td=""><td>Depth<br/>Average<br/>14<br/>17<br/>17</td><td>Remarks</td></t<> | Depth<br>Average<br>14<br>17<br>17                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45<br>15:10<br>15:15<br>15:20 | 7/9/2005                      | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5<br>9<br>9 | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.0<br>28.2<br>27.0<br>26.8<br>EM       | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.1<br>26.8<br>6167         | Sunny<br>Dissolve<br>a<br>4.87<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38<br>5.26<br>5.03  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39<br>5.24<br>5.05<br>4.97<br>Calibrati              | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39<br>5.15<br>4.96<br>on Check: | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1<br>67.3<br>83.0<br>78.3  | Ambieu<br>d Oxygei<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4<br>82.7<br>78.1<br>77.5<br>100        | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4<br>80.5<br>77.4<br>100%:        | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.3<br>31.3<br>31.0<br>31.3 | 32<br>ppt<br>b<br>31.1<br>30.3<br>31.2<br>30.3<br>31.0<br>31.1<br>31.3<br>31.3<br>30.9<br>31.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10<br>1.54<br>1.47 | 1.7           1.25           1.95           0.73           1.15           1.46           0.85           1.12           1.57           1.50           2.39 | Tide State:           Average           1.59           1.11           0.97           1.81           Sampled | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11<br>16<br>20<br>11<br>14<br>18<br>17<br>By: | Image: 18           11           18           15           12           18           11           18           15           12           18           14           12           24           18           Pong   | Depth<br>Average<br>14<br>17<br>16<br>17          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45<br>15:10<br>15:15<br>15:20 | 7/9/2005                      | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9             | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.0<br>28.2<br>27.0<br>26.8<br>EM<br>EM | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.1<br>26.8<br>6167<br>2365 | Sunny<br>Dissolve<br>a<br>4.87<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38<br>5.26<br>5.03  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39<br>5.24<br>5.05<br>4.97<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39<br>5.15<br>4.96<br>on Check: | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1<br>67.3<br>83.0<br>78.3  | Ambien<br>d Oxygen<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4<br>82.7<br>78.1<br>77.5<br>100<br>9.8 | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4<br>80.5<br>77.4<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.3<br>31.3<br>31.0<br>31.3 | 32<br>ppt<br>b<br>31.1<br>30.3<br>31.2<br>30.3<br>31.0<br>31.1<br>31.3<br>31.3<br>30.9<br>31.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10<br>1.54<br>1.47 | , NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85<br>1.12<br>1.57<br>1.50<br>2.39  | Tide State:<br>Average<br>1.59<br>1.11<br>0.97<br>1.81<br>Sampled<br>Checked                                | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11<br>16<br>20<br>11<br>14<br>18<br>17<br>By: | 18 18 11 18 15 12 18 14 12 24 18 Pong Raymon   | Depth<br>Average<br>14<br>17<br>16<br>17<br>d Dai | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>14:48<br>14:52<br>14:55<br>14:59<br>15:07<br>14:40<br>14:45<br>15:10<br>15:15<br>15:20 | 7/9/2005                      | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>cygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9             | Veather C<br>Tempera<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.0<br>28.2<br>27.0<br>26.8<br>EM       | ondition:<br>ature, °C<br>b<br>29.0<br>28.4<br>28.9<br>27.3<br>26.6<br>29.1<br>29.0<br>28.2<br>27.1<br>26.8<br>6167         | Sunny<br>Dissolve<br>a<br>4.87<br>5.50<br>4.58<br>1.74<br>4.50<br>4.38<br>5.26<br>5.03  | d Oxyge<br>b<br>4.80<br>4.76<br>5.54<br>4.60<br>1.76<br>4.52<br>4.39<br>5.24<br>5.05<br>4.97<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>4.84<br>4.76<br>5.06<br>1.75<br>4.51<br>4.39<br>5.15<br>4.96<br>on Check: | Dissolve<br>a<br>75.2<br>73.3<br>84.9<br>70.7<br>26.4<br>69.1<br>67.3<br>83.0<br>78.3  | Ambieu<br>d Oxygei<br>b<br>75.0<br>73.5<br>84.7<br>70.9<br>26.5<br>69.3<br>67.4<br>82.7<br>78.1<br>77.5<br>100        | nt Tempera<br>n, %<br>Average<br>75.1<br>73.4<br>77.8<br>26.5<br>69.2<br>67.4<br>80.5<br>77.4<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>31.1<br>31.2<br>30.3<br>30.9<br>31.1<br>31.2<br>31.3<br>31.3<br>31.0<br>31.3 | 32<br>ppt<br>b<br>31.1<br>30.3<br>31.2<br>30.3<br>31.0<br>31.1<br>31.3<br>31.3<br>30.9<br>31.3   | Turbidity<br>a<br>1.23<br>1.94<br>0.75<br>1.13<br>1.46<br>0.82<br>1.10<br>1.54<br>1.47 | , NTU<br>b<br>1.25<br>1.95<br>0.73<br>1.15<br>1.46<br>0.85<br>1.12<br>1.57<br>1.50<br>2.39  | Tide State:           Average           1.59           1.11           0.97           1.81           Sampled | Mid-Ebb<br>Suspend<br>19<br>9<br>20<br>19<br>16<br>20<br>11<br>16<br>20<br>11<br>14<br>18<br>17<br>By: | 18           11           18           15           12           18           11           18           15           12           18           11           18           12           18           14           12           24           18           Pong  | Depth<br>Average<br>14<br>17<br>16<br>17<br>d Dai | Remarks |

| Project:  | Contract I  | 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:   | 9/9/2005        |  |   | eather C   | ondition:   | Sunny  |   |  |   | Ambie   | nt Temper   | ature,⁰C:  | 32  |  | Т   | ide State:                                     | Mid-Floo  | bd   | -                                       |         |
| Station   | Time  | Sea             | Overall  | Sampling  | Tempera  | ature, °C   | Dissolve   | d Oxyge   | n, mg/L  | Dissolve  | d Oxyge   | n, %  | Salinity,  | ppt   | Turbidity  |   |  | Suspend   | ded Solid  | s, mg/L                                 | Remarks |
|   |   | Condition       | Depth, m   | Depth,m   | а  | b   | а  | b   | Average  | а   | b   | Average   | а  | b   | а  | b   | Average  |   |  | Depth<br>Average                        |         |
| MW1 S   | 10:09   |                 |  | 1   | 28.6   | 28.6  | 5.32   | 5.34  |  | 81.8  | 82.0  |   | 31.3   | 31.3  | 0.93   | 0.95  |  | 7   | 8  |   |         |
| MW1 M   | 10:13   |                 | 5  | 2.5   | 28.4   | 28.4  | 4.29   | 4.30  | 4.81   | 66.0  | 66.2  | 74.0  | 31.6   | 31.6  | 1.47   | 1.50  | 1.54   | 6   | 5  | 6                                       |         |
| MW1 B   | 10:18   |                 |  | 4   | 28.0   | 28.0  | 4.17   | 4.18  | 4.18   | 63.0  | 63.2  | 63.1  | 31.8   | 31.8  | 2.18   | 2.20  |  | 4   | 3  |   |         |
| MW2 S   | 10:22   |                 |  | 1   | 28.5   | 28.5  | 5.20   | 5.27  |  | 79.5  | 79.7  |   | 31.6   | 31.6  | 1.20   | 1.25  |  | 3   | 9  |   |         |
| MW2 M   | 10:25   |                 | 10   | 5   | 28.1   | 28.1  | 5.21   | 5.22  | 5.23   | 79.1  | 79.2  | 79.4  | 31.7   | 31.7  | 1.45   | 1.46  | 1.50   | 3   | 3  | 5                                       |         |
| MW2 B   | 10:20   |                 |  | 9   | 27.1   | 27.2  | 3.28   | 3.29  | 3.29   | 49.3  | 49.5  | 49.4  | 32.0   | 32.0  | 1.83   | 1.80  |  | 9   | 5  |   |         |
| CW1 S   | 9:59  |                 |  | 1   | 28.5   | 28.5  | 4.18   | 4.16  | 4.47   | 63.1  | 63.0  | 62.4  | 31.4   | 31.5  | 1.66   | 1.68  |  | 6   | 5  |   |         |
| CW1 M   |   |                 | 4  |   |  |   |  |   | 4.17   |   |   | 63.1  |  |   |  |   | 1.44   |   |  | 5                                       |         |
| CW1 B   | 10:05   |                 |  | 3   | 27.9   | 27.9  | 4.06   | 4.08  | 4.07   | 61.9  | 62.0  | 62.0  | 31.8   | 31.8  | 1.21   | 1.20  |  | 4   | 7  |   |         |
| CW2 S   | 10:27   |                 |  | 1   | 28.7   | 28.7  | 4.65   | 4.66  | 4.62   | 70.8  | 70.9  | 70.5  | 31.5   | 31.5  | 0.76   | 0.74  |  | 7   | 4  |   |         |
| CW2 M   | 10:30   |                 | 11   | 5.5   | 27.8   | 27.8  | 4.60   | 4.62  | 4.63   | 69.9  | 70.2  | 70.5  | 31.8   | 31.8  | 1.58   | 1.59  | 1.53   | 7   | 8  | 8                                       |         |
| CW2 B   | 10:35   |                 |  | 10  | 27.2   | 27.2  | 4.11   | 4.15  | 4.13   | 61.9  | 62.0  | 62.0  | 32.2   | 32.3  | 2.26   | 2.27  |  | 11  | 11   |   |         |
|   |   |                 |  |   |  |   |  |   |  |   |   |   |  |   |  |   |  |   |  |   |         |
| Equipmer  | t used:   | Dissolved Ox    | kygen Mete   | er:   | EM   | 6167  |  |   | on Check:  |   | 100   | -   |  |   |  |   | Sampled  | By:   | Pong   |   | -       |
|   |   | Turbidity Met   |  |   | EM   | 2365  |  |   | on Check:  |   | 9.9   | -   |  |   |  |   | Checked  | By:   | Raymor   |   | -       |
|   |   | Salinity Mete   | r:   |   | EM   | 6167  |  | Calibrati   | on Check:  |   | 35  | _ ppt   |  |   |  |   | Date:  |   | 16/9/200   | 05                                      | -       |
|   |   | Thermomete      | r:   |   | EM   | 6167  |  |   |  |   |   |   |  |   |  |   |  |   |  |   |         |
|   |   |                 |  |   |  |   |  |   |  |   |   |   |  |   |  |   |  |   |  |   |         |
| Project:  | Contract I  | No. CV/2004/    | 02 Recons  | truction of V   | /ong She   | k and Ko  | ) Lau Wa   | n Public  | Piers  |   | Client:   | Kin Shing   | Construe   | ction Co.   | , Ltd.   |   | Job No.:                                       | J429  |  |   |         |
|   | Contract I<br>Sampling:   |                 |  |   | Vong She<br>Veather C  |   |  | n Public  | Piers  |   |   | Kin Shing   |  |   |  |   | Job No.:<br>Fide State:                        |   | •  |   |         |
|   |   |                 |  | . w   | 'eather C  | ondition:   | Sunny  |   |  |   |   | nt Temper   |  | 32  |  | T   |  | Mid-Ebb   |  | s, mg/L                                 | Remarks |
| Date of   | Sampling:   | 9/9/2005        |  | W   | 'eather C  |   | Sunny  | d Oxyge   |  |   | Ambie   | nt Temper   | ature,⁰C:  | 32  |  | T<br>v, NTU   |  | Mid-Ebb   | ded Solid  | Depth                                   | Remarks |
| Date of   | Sampling:   | 9/9/2005<br>Sea | Overall  | W   | eather C   | ondition:<br>ature, °C  | Sunny<br>Dissolve  | d Oxyge   | n, mg/L<br>Average   | Dissolve  | Ambie<br>d Oxyge  | nt Temper<br>n, %<br>Average  | ature,⁰C:<br>Salinity,   | 32<br>ppt   | Turbidity  | T<br>v, NTU   | ide State:                                     | Mid-Ebb   |  |   | Remarks |
| Date of<br>Station  | Sampling:<br>Time   | 9/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m  | Tempera<br>a   | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b   | n, mg/L  | Dissolve  | Ambie<br>d Oxyge<br>b   | nt Temper   | ature,°C:<br>Salinity,<br>a  | 32<br>ppt<br>b  | Turbidity<br>a   | r, NTU<br>b   | ide State:                                     | Mid-Ebb   | ded Solid  | Depth                                   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time   | 9/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | Tempera<br>a   | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b   | n, mg/L<br>Average   | Dissolve  | Ambie<br>d Oxyge<br>b   | nt Temper<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a  | 32<br>ppt<br>b  | Turbidity<br>a   | r, NTU<br>b   | Tide State:                                    | Mid-Ebb   | ded Solid  | Depth<br>Average                        | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>15:30  | 9/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1   | Tempera<br>a<br>28.9   | ondition:<br>ature, °C<br>b<br>28.9   | Sunny<br>Dissolve<br>a<br>4.39   | b<br>4.40   | n, mg/L<br>Average<br>4.40<br>4.32   | Dissolve<br>a<br>66.2   | Ambie<br>d Oxyge<br>b<br>66.3   | n, %<br>Average<br>66.3<br>65.6   | ature,°C:<br>Salinity,<br>a<br>31.5  | 9pt<br>b<br>31.5  | Turbidity<br>a<br>1.32   | 7<br><u>7, NTU</u><br>b<br>1.34   | Tide State:                                    | Mid-Ebb   | ded Solid  | Depth<br>Average                        | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>15:30<br>15:40   | 9/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3  | leather C<br>a<br>28.9<br>27.7   | ature, °C<br>b<br>28.9<br>27.7  | Sunny<br>Dissolve<br>a<br>4.39<br>4.30   | d Oxyge<br>b<br>4.40<br>4.34  | n, mg/L<br>Average<br>4.40   | Dissolve<br>a<br>66.2<br>65.5   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7   | nt Temper<br>n, %<br>Average<br>66.3  | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8  | 22<br>ppt<br>b<br>31.5<br>31.8  | Turbidity<br>a<br>1.32<br>1.27   | 7, NTU<br>b<br>1.34<br>1.30   | Tide State:                                    | Mid-Ebb<br>Suspend<br>6<br>17   | 6<br>16  | Depth<br>Average                        | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>15:30<br>15:40<br>15:43  | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | eather C<br>Tempera<br>28.9<br>27.7<br>28.9  | ondition:<br>b<br>28.9<br>27.7<br>28.9  | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.99   | d Oxyge<br>b<br>4.40<br>4.34<br>4.99  | n, mg/L<br>Average<br>4.40<br>4.32   | Dissolve<br>a<br>66.2<br>65.5<br>75.9   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0   | n, %<br>Average<br>66.3<br>65.6   | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4   | 32<br>ppt<br>b<br>31.5<br>31.8<br>31.4  | Turbidity<br>a<br>1.32<br>1.27<br>0.99   | r, NTU<br>b<br>1.34<br>1.30<br>1.02   | Average  | Mid-Ebb<br>Suspend<br>6<br>17<br>9  | 6<br>16<br>5   | Depth<br>Average<br>11                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49   | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8   | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8   | Sunny           Dissolve           a           4.39           4.30           4.99           4.32                               | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35  | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48                                 | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5   | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5  | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.4<br>31.8                                 | 32<br>ppt<br>b<br>31.5<br>31.8<br>31.4<br>31.4<br>31.8  | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53   | 7<br>(, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53  | Average  | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7   | ded Solid<br>6<br>16<br>5<br>7   | Depth<br>Average<br>11                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49<br>15:55  | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3   | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2   | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.99<br>4.32<br>3.48   | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47  | n, mg/L<br>Average<br>• 4.40<br>• 4.32<br>• 4.66                                   | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4<br>52.4   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6                                 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2  | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0                                 | 32<br>ppt b<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0   | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21                                 | 7<br>(, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24  | Average  | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7                                    | ded Solid<br>6<br>16<br>5<br>7<br>7<br>7   | Depth<br>Average<br>11                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49<br>15:55  | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3   | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2   | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.99<br>4.32<br>3.48   | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47  | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48                                 | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4<br>52.4   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6                                 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5  | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0                                 | 32<br>ppt b<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0   | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21                                 | 7<br>(, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24  | Tide State:<br>Average<br>1.31                 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7                                    | ded Solid<br>6<br>16<br>5<br>7<br>7<br>7   | Depth<br>Average<br>11<br>7             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                                     | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49<br>15:55<br>15:02                                     | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | Tempera<br>a<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3<br>28.3   | ondition:<br>ature, C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2<br>28.3                                  | Sunny           Dissolve           a           4.39           4.30           4.99           4.32           3.48           4.09 | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07  | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08<br>3.75                 | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4<br>52.4<br>62.8   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6<br>62.6                         | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7<br>57.6                          | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0<br>31.6                         | 32           ppt           b           31.5           31.8           31.4           31.8           31.7   | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70                         | 7, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24<br>1.72   | Tide State:<br>Average<br>1.31                 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>5                               | 6<br>16<br>5<br>7<br>7<br>5  | Depth<br>Average<br>11<br>7             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49<br>15:55<br>15:02<br>15:18                            | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3<br>28.3<br>28.3                         | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2<br>28.3<br>28.3                         | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.99<br>4.32<br>3.48<br>4.09<br>3.74   | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07<br>3.75                                      | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08                         | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4<br>52.4<br>62.8<br>57.6   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6<br>62.6<br>57.5                 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7                                  | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0<br>31.6<br>31.8                  | 32           ppt           b           31.5           31.8           31.4           31.8           32.0           31.7           31.8   | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70<br>1.59                 | 7, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24<br>1.72<br>1.60   | Tide State:<br>Average<br>1.31                 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>5<br>31                         | 6<br>16<br>5<br>7<br>7<br>5<br>24  | Depth<br>Average<br>11<br>7             | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S          | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:55<br>15:55<br>15:02<br>15:18<br>16:02                   | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2  | Tempera<br>a<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3<br>28.3<br>28.3<br>28.1<br>28.8                 | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2<br>28.3<br>28.1<br>28.1<br>28.8         | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.99<br>4.32<br>3.48<br>4.09<br>3.74<br>4.97   | 4.34<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07<br>4.07<br>4.96  | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08<br>3.75                 | Dissolve<br>a<br>66.2<br>65.5<br>75.9<br>66.4<br>52.4<br>62.8<br>57.6<br>76.2   | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6<br>62.6<br>57.5<br>76.1         | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7<br>57.6                          | ature, °C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>32.0<br>31.6<br>31.8<br>31.8<br>31.5 | 32           ppt           b           31.5           31.8           31.4           31.8           31.4           31.8           31.4           31.8           31.4           31.8           32.0           31.7           31.8           31.8           31.8 | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70<br>1.59<br>1.21         | x, NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24<br>1.72<br>1.60<br>1.23   | Tide State:<br>Average<br>1.31<br>1.59<br>1.65 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>5<br>5<br>31<br>31              | 6<br>16<br>5<br>7<br>7<br>5<br>24<br>19  | Depth<br>Average<br>11<br>7<br>7<br>16  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:49<br>15:55<br>15:02<br>15:02<br>15:18<br>16:02<br>16:12 | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5   | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8<br>27.3<br>28.3<br>28.3<br>28.1<br>28.8<br>27.9         | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.2<br>28.3<br>27.2<br>28.3<br>28.1<br>28.8<br>27.9 | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.30<br>4.32<br>3.48<br>4.09<br>3.74<br>4.97<br>4.70                                 | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07<br>4.07<br>4.96<br>4.71                      | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08<br>3.75<br>4.84         | Dissolve           a           66.2           65.5           75.9           66.4           52.4           62.8           71.7 | Ambie<br>d Oxyge<br>b<br>66.3<br>66.7<br>76.0<br>66.5<br>52.6<br>62.6<br>57.5<br>76.1<br>71.9 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7<br>57.6<br>74.0                  | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>31.8<br>31.6<br>31.5<br>31.6          | 32           ppt           b           31.5           31.8           31.4           31.8           31.4           31.8           31.7           31.8           31.7           31.8           31.6           31.6  | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70<br>1.59<br>1.21<br>1.84 | 7 NTU<br>b<br>1.34<br>1.30<br>1.02<br>1.53<br>2.24<br>1.72<br>1.60<br>1.23<br>1.83  | Tide State:<br>Average<br>1.31<br>1.59<br>1.65 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>5<br>5<br>31<br>16<br>7         | ded Solid         6           16         5           7         5           24         19           6         6 | Depth<br>Average<br>11<br>7<br>7<br>16  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:55<br>15:55<br>15:02<br>15:18<br>16:02<br>16:12<br>16:25 | 9/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | reather C<br>Tempera<br>28.9<br>27.7<br>28.9<br>27.8<br>27.3<br>28.3<br>28.3<br>28.1<br>28.8<br>27.9         | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.2<br>28.3<br>27.2<br>28.3<br>28.1<br>28.8<br>27.9 | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.30<br>4.32<br>3.48<br>4.09<br>3.74<br>4.97<br>4.70                                 | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07<br>4.07<br>4.96<br>4.71<br>4.38              | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08<br>3.75<br>4.84         | Dissolve           a           66.2           65.5           75.9           66.4           52.4           62.8           71.7 | Ambie<br>d Oxyge<br>b<br>66.3<br>66.7<br>76.0<br>66.5<br>52.6<br>62.6<br>57.5<br>76.1<br>71.9 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7<br>57.6<br>74.0<br>66.3          | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>31.8<br>31.6<br>31.5<br>31.6          | 32           ppt           b           31.5           31.8           31.4           31.8           31.4           31.8           31.7           31.8           31.7           31.8           31.6           31.6  | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70<br>1.59<br>1.21<br>1.84 | T           , NTU           b           1.34           1.30           1.53           2.24           1.72           1.60           1.83                    | Tide State:<br>Average<br>1.31<br>1.59<br>1.65 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>7<br>5<br>31<br>16<br>7<br>11   | ded Solid         6           16         5           7         5           24         19           6         6 | Depth<br>Average<br>11<br>7<br>7<br>16  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>15:30<br>15:40<br>15:43<br>15:55<br>15:55<br>15:02<br>15:18<br>16:02<br>16:12<br>16:25 | 9/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9   | Tempera<br>a<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.3<br>28.3<br>28.1<br>28.1<br>28.8<br>27.9<br>27.1 | ondition:<br>ature, °C<br>b<br>28.9<br>27.7<br>28.9<br>27.8<br>27.8<br>27.2<br>28.3<br>28.1<br>28.8<br>27.9<br>27.1 | Sunny<br>Dissolve<br>a<br>4.39<br>4.30<br>4.30<br>4.32<br>3.48<br>4.09<br>3.74<br>4.97<br>4.70                                 | d Oxyge<br>b<br>4.40<br>4.34<br>4.99<br>4.35<br>3.47<br>4.07<br>4.07<br>4.96<br>4.71<br>4.38<br>Calibrati | n, mg/L<br>Average<br>4.40<br>4.32<br>4.66<br>3.48<br>4.08<br>3.75<br>4.84<br>4.39 | Dissolve           a           66.2           65.5           75.9           66.4           52.4           62.8           71.7 | Ambie<br>d Oxyge<br>b<br>66.3<br>65.7<br>76.0<br>66.5<br>52.6<br>62.6<br>76.1<br>71.9<br>66.2 | nt Temper<br>n, %<br>Average<br>66.3<br>65.6<br>71.2<br>52.5<br>62.7<br>57.6<br>74.0<br>66.3<br>100%: | ature,°C:<br>Salinity,<br>a<br>31.5<br>31.8<br>31.4<br>31.8<br>31.8<br>31.6<br>31.5<br>31.6          | 32           ppt           b           31.5           31.8           31.4           31.8           31.4           31.8           31.7           31.8           31.7           31.8           31.6           31.6  | Turbidity<br>a<br>1.32<br>1.27<br>0.99<br>1.53<br>2.21<br>1.70<br>1.59<br>1.21<br>1.84 | NTU         b           1.34         1.30           1.30         1.53           2.24         1.72           1.60         1.23           1.83         2.06 | Tide State:<br>Average<br>1.31<br>1.59<br>1.65 | Mid-Ebb<br>Suspend<br>6<br>17<br>9<br>7<br>7<br>5<br>31<br>16<br>7<br>11<br>8y: | ded Solid<br>6<br>16<br>5<br>7<br>7<br>7<br>5<br>24<br>19<br>6<br>10   | Depth<br>Average<br>11<br>7<br>16<br>11 | Remarks |

Thermometer:

| Project:   | Contract  | No. CV/2004/     | 02 Recons  | truction of W   | Vong She   | ek and Ko   | Lau Wa   | n Public   | Piers   |   | Client:  | Kin Shing   | Constru   | ction Co.,   | , Ltd.   |             | Job No.:  | J429   |  |   |         |
|--|---|------------------|--|---|--|---|--|--|---|---|--|---|---|--|--|-------------|---|--|--|---|---------|
| Date of  | Sampling:   | 13/9/2005        |  | w   | leather C  | ondition:   | Sunny  |  |   |   | Ambier   | nt Tempera  | ature,⁰C:   | 32   |  | . 1         | ide State:  | Mid-Floo   | d  |   |         |
| Station  | Time  | Sea              | Overall  | Sampling  | Tempera  | ature, °C   | Dissolve   | ed Oxyge   | n, mg/L   | Dissolve  | d Oxyge  | n, %  | Salinity,   | ppt  | Turbidity  | , NTU       |   | Suspend  | ded Solid  | s, mg/L   | Remarks |
|  |   | Condition        | Depth, m   | Depth,m   | а  | b   | а  | b  | Average   | а   | b  | Average   | а   | b  | а  | b           | Average   |  |  | Depth<br>Average                                  |         |
| MW1 S  | 15:39   |                  |  | 1   | 29.4   | 29.4  | 4.01   | 4.05   | 0.00  | 62.5  | 62.7   |   | 31.2  | 31.2   | 1.18   | 1.20        |   | 29   | 27   |   |         |
| MW1 M  | 15:44   |                  | 5  | 2.5   | 29.3   | 29.3  | 3.83   | 3.81   | 3.93  | 58.2  | 58.1   | 60.4  | 31.3  | 31.4   | 1.02   | 1.05        | 1.63  | 9  | 9  | 20  |         |
| MW1 B  | 15:47   |                  |  | 4   | 28.9   | 28.9  | 3.65   | 3.64   | 3.65  | 56.2  | 56.5   | 56.4  | 31.3  | 31.4   | 2.65   | 2.66        |   | 19   | 26   |   |         |
| MW2 S  | 15:53   |                  |  | 1   | 29.4   | 29.4  | 4.94   | 4.92   | 4.87  | 76.8  | 76.5   | 90.0  | 31.2  | 31.3   | 1.38   | 1.40        |   | 9  | 10   |   |         |
| MW2 M  | 15:58   |                  | 10   | 5   | 29.0   | 29.0  | 4.81   | 4.80   | 4.07  | 74.8  | 74.6   | 90.0  | 31.5  | 31.5   | 1.27   | 1.30        | 1.33  | 12   | 12   | 16  |         |
| MW2 B  | 16:05   |                  |  | 9   | 27.7   | 27.7  | 4.18   | 4.02   | 4.10  | 63.5  | 63.4   | 80.8  | 32.0  | 32.0   | 1.30   | 1.32        |   | 25   | 29   |   |         |
| CW1 S  | 15:31   |                  |  | 1   | 29.6   | 29.6  | 4.03   | 4.02   | 4.03  | 63.2  | 63.0   | 63.1  | 31.2  | 31.2   | 1.63   | 1.60        |   | 24   | 22   |   |         |
| CW1 M  |   |                  | 4  |   |  |   |  |  |   |   |  |   |   |  |  |             | 1.68  |  |  | 20  |         |
| CW1 B  | 15:35   |                  |  | 3   | 29.7   | 29.7  | 3.79   | 3.80   | 3.80  | 60.3  | 60.0   | 60.2  | 31.2  | 31.2   | 1.75   | 1.74        |   | 17   | 16   |   |         |
| CW2 S  | 16:09   |                  |  | 1   | 29.5   | 29.5  | 4.20   | 4.23   | 4.01  | 64.0  | 64.3   | 61.1  | 31.4  | 31.4   | 0.57   | 0.56        |   | 28   | 23   |   |         |
| CW2 M  | 16:15   |                  | 11   | 5.5   | 28.0   | 28.1  | 3.80   | 3.82   |   | 57.9  | 58.0   |   | 31.8  | 31.8   | 1.71   | 1.69        | 1.37  | 41   | 43   | 32  |         |
| CW2 B  | 16:20   |                  |  | 10  | 27.7   | 27.6  | 3.57   | 3.60   | 3.59  | 55.1  | 55.4   | 55.3  | 32.0  | 32.1   | 1.86   | 1.85        |   | 27   | 27   |   |         |
| <b>_</b> .   |   | <b>B</b> : 1 10  |  |   |  |   |  | 0  |   |   |  | 1000/   |   |  |  |             |   | _  |  |   |         |
| Equipmer   | nt used:  | Dissolved Ox     |  |   | EM   | 6167  |  |  | on Check:   |   | 100  |   |   |  |  |             | Sampled   |  | Pong   | 10-1  |         |
|  |   | Turbidity Met    |  |   | EM<br>EM   | 2365<br>6167  |  |  | on Check:<br>on Check:  |   | 9.9  | NTU   |   |  |  |             | Checked   | ву:  | Raymon<br>20/9/200   |   |         |
|  |   | Thermomete       |  |   | EM   | 6167  | •  | Calibrati  | UIT CHECK.  |   | 35   | ppt   |   |  |  |             | Date.   |  | 20/9/200   | 5   |         |
|  |   | mermoniete       |  |   |  | 0107  |  |  |   |   |  |   |   |  |  |             |   |  |  |   |         |
|  |   |                  |  |   |  |   |  |  |   |   |  |   |   |  |  |             |   |  |  |   |         |
| Project:   | Contract  | No. CV/2004/     | 02 Recons  | truction of W   | √ong She   | ek and Ko   | ) Lau Wa   | n Public   | Piers   |   | Client:  | Kin Shing   | Construe  | ction Co.,   | , Ltd.   |             | Job No.:  | J429   |  |   |         |
|  |   | No. CV/2004/     |  |   | Vong She<br>Veather C  |   |  | n Public   | Piers   |   |  | Kin Shing   |   |  |  |             | Job No.:<br>Fide State:   | -  |  |   |         |
|  |   | 13/9/2005<br>Sea | Overall  | Sampling  | eather C   |   | Sunny  |  |   |   | Ambier<br>d Oxyger   | nt Tempera  |   | 32   |  | 1           | ide State:  | Mid-Ebb  | ded Solid  |   | Remarks |
| Date of  | Sampling:   | 13/9/2005        |  | Sampling  | eather C   | ondition:   | Sunny  |  |   |   | Ambier<br>d Oxyger   | nt Tempera  | ature,⁰C:   | 32   |  | 1           |   | Mid-Ebb  |  | s, mg/L<br>Depth<br>Average                       | Remarks |
| Date of  | Sampling:   | 13/9/2005<br>Sea | Overall  | Sampling  | eather C   | ondition:<br>ature, °C  | Sunny<br>Dissolve  | ed Oxyge   | n, mg/L<br>Average  | Dissolve  | Ambier<br>d Oxyger   | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,  | 32<br>ppt  | Turbidity  | ו<br>א, NTU | ide State:  | Mid-Ebb  |  | Depth   | Remarks |
| Date of<br>Station   | Sampling:<br>Time   | 13/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m  | leather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b  | n, mg/L   | Dissolve  | Ambier<br>d Oxyger<br>b  | nt Tempera  | ature,⁰C:<br>Salinity,<br>a   | 32<br>ppt<br>b   | Turbidity<br>a   | ו<br>א, NTU | ide State:  | Mid-Ebb  | ded Solid  | Depth   | Remarks |
| Date of<br>Station<br>MW1 S  | Sampling:<br>Time   | 13/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | leather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b  | n, mg/L<br>Average  | Dissolve  | Ambier<br>d Oxyger<br>b  | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,<br>a   | 32<br>ppt<br>b   | Turbidity<br>a   | ו<br>א, NTU | Tide State:   | Mid-Ebb  | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M   | Sampling:<br>Time<br>9:02   | 13/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | Yeather C<br>Tempera<br>a<br>29.9  | ondition:<br>ature, °C<br>b<br>29.8   | Sunny<br>Dissolve<br>a<br>3.99   | ed Oxyge<br>b<br>3.95  | n, mg/L<br>Average<br>3.97<br>3.86  | Dissolve<br>a<br>61.0   | Ambier<br>d Oxyger<br>b<br>60.9  | nt Tempera<br>Average<br>61.0<br>58.8   | ature,°C:<br>Salinity,<br>a<br>31.3   | 32<br>ppt<br>b<br>31.3   | Turbidity<br>a<br>1.60   | ו<br>א, NTU | Tide State:   | Mid-Ebb  | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B  | Sampling:<br>Time<br>9:02<br>9:09   | 13/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3  | l'eather C<br>Tempera<br>a<br>29.9<br>29.4   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4   | Sunny<br>Dissolve<br>a<br>3.99<br>3.85   | ad Oxyge<br>b<br>3.95<br>3.86  | n, mg/L<br>Average<br>3.97  | Dissolve<br>a<br>61.0<br>58.9   | Ambiei<br>d Oxyger<br>b<br>60.9<br>58.7  | nt Tempera<br>n, %<br>Average<br>61.0   | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4   | 32<br>ppt<br>b<br>31.3<br>31.4   | Turbidity<br>a<br>1.60<br>1.48   | ו<br>א, NTU | Tide State:   | Mid-Ebb<br>Suspend<br>27<br>19                   | 22<br>19   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S   | Sampling:<br>Time<br>9:02<br>9:09<br>9:13   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | reather C<br>Tempera<br>29.9<br>29.4<br>29.9   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.4<br>29.9   | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80   | n, mg/L<br>Average<br>3.97<br>3.86  | Dissolve<br>a<br>61.0<br>58.9<br>75.0   | Ambien<br>d Oxygen<br>b<br>60.9<br>58.7<br>74.8  | nt Tempera<br>Average<br>61.0<br>58.8   | ature, °C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3  | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3   | Turbidity<br>a<br>1.60<br>1.48<br>1.29   | ו<br>א, NTU | Average   | Mid-Ebb<br>Suspend<br>27<br>19<br>12             | 22<br>19<br>13   | Depth<br>Average<br>22                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M  | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | /eather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>29.9   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5   | Sunny           Dissolve           a           3.99           3.85           4.82           4.31   | ad Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35  | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65  | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3   | Ambieu<br>d Oxyger<br>b<br>60.9<br>58.7<br>74.8<br>66.5  | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8   | ature, °C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3  | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84   | ו<br>א, NTU | Average   | Mid-Ebb<br>Suspend<br>27<br>19<br>12<br>10       | 19<br>13<br>13   | Depth<br>Average<br>22                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 B  | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | leather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6   | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64   | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57  | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0                                 | Ambieu<br>d Oxygei<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6  | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7   | ature, °C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3<br>32.1  | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3<br>32.1   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22                                 | ו<br>א, NTU | Average   | Mid-Ebb<br>Suspend<br>27<br>19<br>12<br>10<br>12 | 22<br>19<br>13<br>13<br>14   | Depth<br>Average<br>22                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S   | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | leather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6   | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64   | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65  | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0                                 | Ambieu<br>d Oxygei<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6  | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8   | ature, °C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3<br>32.1  | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3<br>32.1   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22                                 | ו<br>א, NTU | Tide State:<br>Average<br>1.54  | Mid-Ebb<br>Suspend<br>27<br>19<br>12<br>10<br>12 | 22<br>19<br>13<br>13<br>14   | Depth<br>Average<br>22<br>12                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M  | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1                               | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>29.4<br>27.6<br>29.8   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8   | Sunny           Dissolve           a           3.99           3.85           4.82           4.31           3.65           3.73   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71   | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95                              | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7                         | Ambien<br>d Oxygen<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>58.5  | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7                                 | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>31.3<br>32.1<br>31.2                                 | 32           ppt           b           31.3           31.4           31.3           31.3           31.3           31.3           31.3           31.3   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25                         | ו<br>א, NTU | Tide State:<br>Average<br>1.54  | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11   | Depth<br>Average<br>22<br>12                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                            | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50<br>8:55                                 | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2                          | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6<br>29.8<br>29.8   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.8<br>29.5   | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65<br>3.73<br>3.95   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94   | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72                                      | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6                 | Ambien<br>d Oxygen<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>58.5<br>61.8  | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6   | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.2<br>31.4                         | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.2<br>31.4   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41                 | ו<br>א, NTU | Tide State:<br>Average<br>1.54  | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11<br>17                                     | Depth<br>Average<br>22<br>12                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW2 S                            | Sampling:<br>Time 9:02 9:09 9:13 9:19 9:30 8:50 8:55 9:42   | 13/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1                | reather C<br>Tempera<br>29.9<br>29.4<br>29.4<br>29.4<br>27.6<br>29.8<br>29.5<br>29.8   | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.5<br>29.5<br>29.8<br>29.5<br>29.8                         | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65<br>3.73<br>3.95<br>4.75   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94<br>4.82   | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95                              | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6<br>73.9         | Ambiel<br>d Oxyge<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>58.5<br>53.6<br>61.8<br>74.0                               | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7                                 | ature, °C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.4        | 32           ppt           b           31.3           31.4           31.3           31.3           31.3           31.3           31.3           31.3           31.4           31.3           31.4           31.4           31.4           31.4 | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41<br>1.25         | ו<br>א, NTU | Tide State:<br>Average<br>1.54<br>1.78  | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11<br>17<br>18                               | Depth<br>Average<br>22<br>12<br>13                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50<br>8:55<br>9:42<br>9:42<br>9:49<br>9:59 | 13/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5<br>9           | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>29.2<br>27.9             | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>29.2<br>27.9         | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65<br>3.73<br>3.95<br>4.75<br>4.15   | ad Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94<br>4.82<br>4.16<br>5.83                          | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95<br>4.47<br>6.48              | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6<br>73.9<br>64.5 | Ambiel<br>d Oxyge<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>53.6<br>58.5<br>61.8<br>74.0<br>64.6<br>58.2               | nt Tempera<br>7, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7<br>69.3<br>58.1                 | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.4<br>31.4 | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.8   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41<br>1.25<br>1.47 | ו<br>א, NTU | Tide State:<br>Average<br>1.54<br>1.78<br>1.33  | Mid-Ebb  | 22<br>22<br>19<br>13<br>13<br>13<br>14<br>11<br>17<br>18<br>10<br>25       | Depth<br>Average<br>22<br>12<br>13                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW2 S<br>CW2 M | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50<br>8:55<br>9:42<br>9:42<br>9:49<br>9:59 | 13/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9 | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>27.9<br>EM               | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>29.2<br>27.9<br>6167 | Sunny<br>Dissolve<br>a<br>3.99<br>4.82<br>4.31<br>3.65<br>3.73<br>3.95<br>4.75<br>4.15<br>5.81   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94<br>4.82<br>4.16<br>5.83<br>Calibrati              | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95<br>4.47<br>6.48<br>on Check: | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6<br>73.9<br>64.5 | Ambiel<br>d Oxyge<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>53.6<br>53.5<br>61.8<br>74.0<br>64.6<br>58.2<br>100        | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7<br>69.3<br>58.1<br>100%:        | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.4<br>31.4 | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.8   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41<br>1.25<br>1.47 | ו<br>א, NTU | Tide State:           Average           1.54           1.78           1.33           1.54           Sampled | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11<br>17<br>18<br>10<br>25<br>Pong           | Depth<br>Average<br>22<br>12<br>13<br>13          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50<br>8:55<br>9:42<br>9:42<br>9:49<br>9:59 | 13/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9 | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>29.2<br>27.9<br>EM<br>EM | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>27.9<br>6167<br>2365 | Sunny<br>Dissolve<br>a<br>3.99<br>3.85<br>4.82<br>4.31<br>3.65<br>3.73<br>3.95<br>4.75<br>4.15<br>5.81   | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94<br>4.82<br>4.16<br>5.83<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95<br>4.47<br>6.48<br>on Check: | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6<br>73.9<br>64.5 | Ambiel<br>d Oxyge<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>53.6<br>58.5<br>61.8<br>74.0<br>64.6<br>58.2<br>100<br>9.9 | nt Tempera<br>7, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7<br>69.3<br>58.1<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.4<br>31.4 | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.8   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41<br>1.25<br>1.47 | ו<br>א, NTU | Tide State:<br>Average<br>1.54<br>1.78<br>1.33<br>1.54<br>Sampled<br>Checked                                | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11<br>17<br>18<br>10<br>25<br>Pong<br>Raymon | Depth<br>Average<br>22<br>12<br>13<br>17<br>d Dai | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B          | Sampling:<br>Time<br>9:02<br>9:09<br>9:13<br>9:19<br>9:30<br>8:50<br>8:55<br>9:42<br>9:42<br>9:49<br>9:59 | 13/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>cygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9 | reather C<br>Tempera<br>29.9<br>29.4<br>29.9<br>29.4<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>27.9<br>EM               | ondition:<br>ature, °C<br>b<br>29.8<br>29.4<br>29.9<br>29.5<br>27.6<br>29.8<br>29.5<br>29.8<br>29.5<br>29.8<br>29.2<br>29.2<br>27.9<br>6167 | Sunny           Dissolve           a           3.99           3.85           4.82           4.31           3.65           3.73           3.95           4.75           4.15           5.81 | d Oxyge<br>b<br>3.95<br>3.86<br>4.80<br>4.35<br>3.64<br>3.71<br>3.94<br>4.82<br>4.16<br>5.83<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>3.97<br>3.86<br>4.57<br>3.65<br>3.72<br>3.95<br>4.47<br>6.48<br>on Check: | Dissolve<br>a<br>61.0<br>58.9<br>75.0<br>66.3<br>54.0<br>58.7<br>61.6<br>73.9<br>64.5 | Ambiel<br>d Oxyge<br>b<br>60.9<br>58.7<br>74.8<br>66.5<br>53.6<br>53.6<br>53.5<br>61.8<br>74.0<br>64.6<br>58.2<br>100        | nt Tempera<br>n, %<br>Average<br>61.0<br>58.8<br>70.7<br>53.8<br>58.6<br>61.7<br>69.3<br>58.1<br>100%:        | ature,°C:<br>Salinity,<br>a<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.4<br>31.4 | 32<br>ppt<br>b<br>31.3<br>31.4<br>31.3<br>31.3<br>32.1<br>31.2<br>31.4<br>31.4<br>31.4<br>31.8   | Turbidity<br>a<br>1.60<br>1.48<br>1.29<br>1.84<br>2.22<br>1.25<br>1.41<br>1.25<br>1.47 | ו<br>א, NTU | Tide State:           Average           1.54           1.78           1.33           1.54           Sampled | Mid-Ebb  | 22<br>19<br>13<br>13<br>14<br>11<br>17<br>18<br>10<br>25<br>Pong           | Depth<br>Average<br>22<br>12<br>13<br>17<br>d Dai | Remarks |

| 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:   | 15/9/2005        |  | . w  | eather C   | ondition:   | Sunny   |   |   | -   | Ambie   | nt Tempera   | ature,⁰C:   | 34  |  | 1  | Fide State:   | Mid-Floo   | bd  | -   |         |
| Station   | Time  | Sea              | Overall  | Sampling   | Tempera  | ature, °C   | Dissolve  | ed Oxyge  | n, mg/L   | Dissolve  | d Oxyge   | n, %   | Salinity,   | ppt   | Turbidity  | , NTU  |   | Suspend  | ded Solic   | is, mg/L  | Remarks |
|   |   | Condition        | Depth, m   | Depth,m  | а  | b   | а   | b   | Average   | а   | b   | Average  | а   | b   | а  | b  | Average   |  |   | Depth<br>Average  |         |
| MW1 S   | 15:58   |                  |  | 1  | 29.9   | 29.9  | 4.82  | 4.80  | 4.63  | 73.6  | 73.4  | 71.3   | 31.3  | 31.3  | 0.78   | 0.79   |   | 25   | 16  |   |         |
| MW1 M   | 16:02   |                  | 5  | 2.5  | 29.4   | 29.4  | 4.45  | 4.43  | 4.03  | 69.1  | 69.0  | 71.5   | 31.5  | 31.6  | 1.12   | 1.15   | 1.18  | 18   | 20  | 18  |         |
| MW1 B   | 16:05   |                  |  | 4  | 29.0   | 29.0  | 4.40  | 4.39  | 4.40  | 68.3  | 68.2  | 68.3   | 31.8  | 31.8  | 1.61   | 1.65   |   | 19   | 12  |   |         |
| MW2 S   | 16:09   |                  |  | 1  | 29.9   | 29.9  | 4.85  | 4.82  | 4.00  | 75.0  | 75.2  | 74.0   | 31.0  | 30.9  | 1.29   | 1.27   |   | 37   | 26  |   |         |
| MW2 M   | 16:12   |                  | 10   | 5  | 29.1   | 29.2  | 4.80  | 4.81  | 4.82  | 74.8  | 74.6  | 74.9   | 31.8  | 31.8  | 1.50   | 1.52   | 1.40  | 10   | 13  | 18  |         |
| MW2 B   | 16:16   |                  |  | 9  | 28.4   | 28.4  | 4.41  | 4.40  | 4.41  | 64.6  | 64.7  | 64.7   | 31.9  | 31.9  | 1.43   | 1.41   |   | 11   | 12  |   |         |
| CW1 S   | 15:50   |                  |  | 1  | 29.9   | 29.9  | 4.75  | 4.76  | 4.76  | 73.2  | 73.3  | 73.3   | 31.8  | 31.8  | 1.45   | 1.47   |   | 2  | 1   |   |         |
| CW1 M   |   |                  | 4  |  |  |   |   |   | 4.70  |   |   | 73.5   |   |   |  |  | 1.87  |  |   | 9   |         |
| CW1 B   | 15:54   |                  |  | 3  | 29.7   | 29.8  | 4.65  | 4.62  | 4.64  | 72.9  | 72.5  | 72.7   | 31.9  | 31.9  | 2.27   | 2.30   |   | 17   | 17  |   |         |
| CW2 S   | 16:20   |                  |  | 1  | 29.8   | 29.9  | 4.60  | 4.61  | 4.70  | 72.3  | 72.4  | 73.2   | 31.0  | 31.0  | 1.15   | 1.16   |   | 10   | 13  |   |         |
| CW2 M   | 16:25   |                  | 11   | 5.5  | 28.9   | 28.9  | 4.78  | 4.79  | 4.70  | 74.0  | 74.1  | 13.2   | 31.8  | 31.8  | 1.86   | 1.90   | 1.84  | 17   | 17  | 15  |         |
| CW2 B   | 16:28   |                  |  | 10   | 28.3   | 28.3  | 4.25  | 4.25  | 4.25  | 65.2  | 65.3  | 65.3   | 31.9  | 31.9  | 2.47   | 2.50   |   | 19   | 14  |   |         |
|   |   |                  |  |  |  |   |   |   |   |   |   |  |   |   |  |  |   |  |   |   |         |
| Equipmer  | it used:  | Dissolved Ox     |  | er:  | EM   | 6167  |   |   | on Check:   |   | 100   | 100%:  |   |   |  |  | Sampled   | -  | Pong  |   | -       |
|   |   | Turbidity Met    |  |  | EM   | 2365  |   |   | on Check:   |   | 9.8   | NTU  |   |   |  |  | Checked   | By:  | Raymor  |   | -       |
|   |   | Salinity Mete    |  |  | EM   | 6167  |   | Calibrati   | on Check:   |   | 35  | ppt  |   |   |  |  | Date:   |  | 22/9/20   | 05  | -       |
|   |   | Thermomete       | r:   |  | EM   | 6167  |   |   |   |   |   |  |   |   |  |  |   |  |   |   |         |
|   |   |                  |  |  |  |   |   |   |   |   |   |  |   |   |  |  |   |  |   |   |         |
| 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   | <u>-</u>  |   |         |
|   |   | No. CV/2004/0    |  |  | Vong She<br>/eather C  |   |   | n Public  | Piers   |   |   | Kin Shing  |   |   |  |  | Job No.:<br>Fide State:   |  | -<br>)  | _   |         |
|   |   | 15/9/2005<br>Sea | Overall  | W  | /eather C  | ondition:<br>ature, °C  | Sunny   | ed Oxyge  | n, mg/L   | Dissolve  | Ambie<br>d Oxyge  | nt Tempera   | ature,°C:<br>Salinity,  | 34<br>ppt   |  | ו<br>א, NTU  | Fide State:   | Mid-Ebb  | ded Solic   |   | Remarks |
| Date of   | Sampling:   | 15/9/2005        |  | W  | /eather C  | ondition:   | Sunny   |   |   | -   | Ambie   | nt Tempera   | ature,⁰C:   | 34  |  | 1  |   | Mid-Ebb  |   | ls, mg/L<br>Depth<br>Average                            | Remarks |
| Date of   | Sampling:   | 15/9/2005<br>Sea | Overall  | W  | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve   | ed Oxyge  | n, mg/L<br>Average  | Dissolve  | Ambie<br>d Oxyge  | nt Tempera<br>n, %<br>Average  | ature,°C:<br>Salinity,  | 34<br>ppt   | Turbidity  | ו<br>א, NTU  | Fide State:   | Mid-Ebb  |   | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time   | 15/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m   | /eather Contraction Contractio | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b   | n, mg/L   | Dissolve  | Ambie<br>d Oxyge<br>b   | nt Tempera   | ature,°C:<br>Salinity,<br>a   | 94<br>ppt<br>b  | Turbidity<br>a   | r, NTU<br>b  | Fide State:   | Mid-Ebb  | ded Solic   | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time   | 15/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m   | /eather Contraction Contractio | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b   | n, mg/L<br>Average  | Dissolve  | Ambie<br>d Oxyge<br>b   | nt Tempera<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a   | ppt<br>b  | Turbidity<br>a   | r, NTU<br>b  | Fide State:   | Mid-Ebb  | ded Solic   | Depth<br>Average  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>10:15  | 15/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1  | /eather Contraction Contractio | ondition:<br>ature, °C<br>b<br>29.6   | Sunny<br>Dissolve<br>a<br>4.65  | b<br>4.68   | n, mg/L<br>Average<br>4.67<br>4.44  | Dissolve<br>a<br>71.8   | Ambie<br>d Oxyge<br>b<br>71.6   | nt Tempera<br>Average<br>71.7<br>68.9  | ature,°C:<br>Salinity,<br>a<br>31.4   | 900 31.4  | Turbidity<br>a<br>0.60   | 7, NTU<br>b<br>0.62  | Fide State:   | Mid-Ebb  | 13  | Depth<br>Average  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>10:15<br>10:22   | 15/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3   | Veather Contraction Contractio | ature, °C<br>b<br>29.6<br>29.1  | Sunny<br>Dissolve<br>a<br>4.65<br>4.43  | d Oxyge<br>b<br>4.68<br>4.45  | n, mg/L<br>Average<br>4.67  | Dissolve<br>a<br>71.8<br>68.8   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9   | nt Tempera<br>n, %<br>Average<br>71.7  | ature,°C:<br>Salinity,<br>a<br>31.4<br>31.8   | 900 34 31.4 31.8  | Turbidity<br>a<br>0.60<br>1.42   | r, NTU<br>b<br>0.62<br>1.45  | Fide State:   | Mid-Ebb<br>Suspend<br>13<br>13   | 13<br>15  | Depth<br>Average  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>10:15<br>10:22<br>10:27  | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1  | (eather C<br>a<br>29.7<br>29.1<br>29.3   | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3   | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50  | d Oxyge<br>b<br>4.68<br>4.45<br>4.53  | n, mg/L<br>Average<br>4.67<br>4.44  | Dissolve<br>a<br>71.8<br>68.8<br>69.6   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5   | nt Tempera<br>Average<br>71.7<br>68.9  | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6  | 34<br>ppt b<br>31.4<br>31.8<br>31.5   | Turbidity<br>a<br>0.60<br>1.42<br>1.33   | 7, NTU<br>b<br>0.62<br>1.45<br>1.31  | Average   | Mid-Ebb<br>Suspend<br>13<br>13<br>25   | 13<br>15<br>24  | Depth<br>Average<br>14                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35   | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5   | Veather Cr<br>a<br>29.7<br>29.1<br>29.3<br>29.1  | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1   | Sunny           Dissolve           a           4.65           4.43           4.50           4.83                | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82  | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61  | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0   | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1  | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8  | 34           ppt           b           31.4           31.8           31.5           31.8  | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18   | 7, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20  | Average   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8  | 13<br>15<br>24<br>7   | Depth<br>Average<br>14                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42  | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | /eather C-<br>a<br>29.7<br>29.1<br>29.3<br>29.1<br>28.7  | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6   | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61  | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60  | n, mg/L<br>Average<br>• 4.67<br>• 4.44  | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1<br>69.9   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2   | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3  | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.8<br>31.9                                | 34           ppt           b           31.4           31.8           31.5           31.8           31.9   | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25                                 | 1.45<br>1.20<br>2.26   | Average   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26  | 13<br>15<br>24<br>7<br>11   | Depth<br>Average<br>14                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42  | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | /eather C-<br>a<br>29.7<br>29.1<br>29.3<br>29.1<br>28.7  | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6   | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61  | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60  | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61  | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1<br>69.9   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2   | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1  | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.8<br>31.9                                | 34           ppt           b           31.4           31.8           31.5           31.8           31.9   | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25                                 | 1.45<br>1.20<br>2.26   | Average<br>1.02<br>1.59   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26  | 13<br>15<br>24<br>7<br>11   | Depth<br>Average<br>14<br>17                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                                     | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07                                     | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1  | /eather C<br>Tempera<br>29.7<br>29.1<br>29.3<br>29.1<br>28.7<br>29.8   | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8   | Sunny           Dissolve           a           4.65           4.43           4.50           4.83           4.61 | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60<br>4.85  | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86<br>4.68                                      | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1<br>69.9<br>76.1   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2<br>76.0   | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1<br>73.4                          | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.8<br>31.9<br>31.2                        | 34           ppt           b           31.4           31.8           31.5           31.8           31.9           31.2  | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77                         | 7, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76                          | Average<br>1.02<br>1.59   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16                                      | 13<br>15<br>24<br>7<br>11<br>19   | Depth<br>Average<br>14<br>17                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07<br>10:10                            | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2                               | <pre>/eather C Tempera a 29.7 29.1 29.3 29.1 28.7 29.8 29.6</pre>  | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8<br>29.8                                 | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61<br>4.86<br>4.69                                  | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60<br>4.85<br>4.60  | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86  | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1<br>69.9<br>76.1<br>73.5   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>76.0<br>76.0<br>73.2   | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1                                  | ature,°C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.9<br>31.2<br>31.2<br>31.5                 | 34           ppt           b           31.4           31.8           31.5           31.8           31.9           31.2           31.6                               | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77<br>1.16                 | , <u>NTU</u><br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76<br>1.17            | Average<br>1.02<br>1.59   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16<br>19                                | 13<br>15<br>24<br>7<br>11<br>19<br>20   | Depth<br>Average<br>14<br>17                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S          | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07<br>10:10<br>10:50                   | 15/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1                          | /eather C<br>Tempera<br>a<br>29.7<br>29.1<br>29.3<br>29.1<br>28.7<br>29.8<br>29.6<br>29.6  | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8<br>29.6<br>29.6                         | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61<br>4.86<br>4.69<br>4.50                          | id Oxyge           b           4.68           4.45           4.53           4.53           4.60           4.67           4.49     | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86<br>4.68                                      | Dissolve<br>a<br>71.8<br>68.8<br>69.6<br>75.1<br>69.9<br>76.1<br>73.5<br>68.8   | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2<br>76.0<br>70.2<br>76.0<br>73.2<br>68.7                 | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1<br>73.4                          | ature, °C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.9<br>31.2<br>31.5<br>31.5                | 34           ppt           b           31.4           31.8           31.5           31.8           31.9           31.2           31.6           31.5                | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77<br>1.16<br>0.95         | r, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76<br>1.17<br>0.97          | Average       1.02       1.59       0.97                            | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16<br>19<br>19                          | 13<br>13<br>15<br>24<br>7<br>11<br>19<br>20<br>15   | Depth<br>Average<br>14<br>17<br>17                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07<br>10:10<br>10:50<br>10:56<br>11:04 | 15/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9           | <ul> <li>/eather C</li> <li>Tempera</li> <li>29.7</li> <li>29.1</li> <li>29.3</li> <li>29.1</li> <li>29.3</li> <li>29.6</li> <li>29.6</li> <li>28.5</li> <li>28.2</li> </ul>   | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8<br>29.6<br>29.6<br>29.6<br>28.5<br>28.1 | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61<br>4.86<br>4.69<br>4.69<br>4.50<br>4.18          | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60<br>4.85<br>4.60<br>4.85<br>4.67<br>4.49<br>4.15<br>3.66                      | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86<br>4.68<br>4.33<br>3.66                      | Dissolve           a           71.8           68.8           69.6           75.1           69.9           76.1           73.5           68.8           65.3 | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2<br>76.0<br>70.2<br>76.0<br>73.2<br>68.7<br>65.0<br>56.0 | nt Tempera<br>7, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1<br>73.4<br>67.0<br>56.1          | ature,°C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.9<br>31.2<br>31.5<br>31.5<br>31.5<br>31.8 | 34           ppt           b           31.4           31.8           31.8           31.8           31.9           31.2           31.6           31.5           31.6 | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77<br>1.16<br>0.95<br>1.57 | x, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76<br>1.117<br>0.97<br>1.60 | Average           1.02           1.59           0.97           1.39 | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16<br>19<br>17<br>14<br>16              | 13<br>13<br>15<br>24<br>7<br>11<br>19<br>20<br>15<br>15<br>15<br>12   | Depth<br>Average<br>14<br>17<br>17                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07<br>10:10<br>10:50<br>10:56<br>11:04 | 15/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>2<br>1<br>2<br>2<br>1<br>5<br>9<br>9 | <ul> <li>reather C</li> <li>Tempera</li> <li>29.7</li> <li>29.1</li> <li>29.3</li> <li>29.1</li> <li>29.3</li> <li>29.1</li> <li>29.3</li> <li>29.6</li> <li>29.6</li> <li>29.6</li> <li>28.5</li> <li>28.2</li> <li>EM</li> </ul>   | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8<br>29.6<br>29.6<br>28.5<br>28.1<br>6167 | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61<br>4.86<br>4.69<br>4.69<br>4.50<br>4.18          | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.82<br>4.60<br>4.85<br>4.67<br>4.49<br>4.15<br>3.66<br>Calibrati                         | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86<br>4.68<br>4.68<br>4.33<br>3.66<br>on Check: | Dissolve           a           71.8           68.8           69.6           75.1           69.9           76.1           73.5           68.8           65.3 | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2<br>76.0<br>73.2<br>68.7<br>65.0<br>56.0                 | nt Tempera<br>n, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1<br>73.4<br>67.0<br>56.1<br>100%: | ature,°C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.9<br>31.2<br>31.5<br>31.5<br>31.5<br>31.8 | 34           ppt           b           31.4           31.8           31.8           31.8           31.9           31.2           31.6           31.5           31.6 | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77<br>1.16<br>0.95<br>1.57 | x, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76<br>1.117<br>0.97<br>1.60 | Average       1.02       1.59       0.97       1.39       Sampled   | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16<br>19<br>19<br>17<br>14<br>16<br>By: | 13           15           24           7           11           19           20           15           15           12           Pong | Depth<br>Average<br>14<br>17<br>17<br>19<br>15          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>10:15<br>10:22<br>10:27<br>10:35<br>10:42<br>10:07<br>10:10<br>10:50<br>10:56<br>11:04 | 15/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9      | <ul> <li>/eather C</li> <li>Tempera</li> <li>29.7</li> <li>29.1</li> <li>29.3</li> <li>29.1</li> <li>29.3</li> <li>29.6</li> <li>29.6</li> <li>28.5</li> <li>28.2</li> </ul>   | ondition:<br>ature, °C<br>b<br>29.6<br>29.1<br>29.3<br>29.1<br>28.6<br>29.8<br>29.6<br>29.6<br>29.6<br>28.5<br>28.1 | Sunny<br>Dissolve<br>a<br>4.65<br>4.43<br>4.50<br>4.83<br>4.61<br>4.86<br>4.69<br>4.69<br>4.50<br>4.18          | d Oxyge<br>b<br>4.68<br>4.45<br>4.53<br>4.53<br>4.82<br>4.60<br>4.85<br>4.60<br>4.85<br>4.67<br>4.49<br>4.15<br>3.66<br>Calibrati | n, mg/L<br>Average<br>4.67<br>4.44<br>4.67<br>4.61<br>4.86<br>4.68<br>4.33<br>3.66                      | Dissolve           a           71.8           68.8           69.6           75.1           69.9           76.1           73.5           68.8           65.3 | Ambie<br>d Oxyge<br>b<br>71.6<br>68.9<br>69.5<br>75.0<br>70.2<br>76.0<br>70.2<br>76.0<br>73.2<br>68.7<br>65.0<br>56.0 | nt Tempera<br>7, %<br>Average<br>71.7<br>68.9<br>72.3<br>70.1<br>76.1<br>73.4<br>67.0<br>56.1          | ature,°C:<br>Salinity,<br>a<br>31.4<br>31.8<br>31.6<br>31.8<br>31.9<br>31.2<br>31.5<br>31.5<br>31.5<br>31.8 | 34           ppt           b           31.4           31.8           31.8           31.8           31.9           31.2           31.6           31.5           31.6 | Turbidity<br>a<br>0.60<br>1.42<br>1.33<br>1.18<br>2.25<br>0.77<br>1.16<br>0.95<br>1.57 | x, NTU<br>b<br>0.62<br>1.45<br>1.31<br>1.20<br>2.26<br>0.76<br>1.117<br>0.97<br>1.60 | Average           1.02           1.59           0.97           1.39 | Mid-Ebb<br>Suspend<br>13<br>13<br>25<br>8<br>26<br>16<br>19<br>19<br>17<br>14<br>16<br>By: | 13<br>13<br>15<br>24<br>7<br>11<br>19<br>20<br>15<br>15<br>15<br>12   | Depth<br>Average<br>14<br>17<br>17<br>19<br>15<br>d Dai | Remarks |

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  | Constru   | ction Co.  | , Ltd.   |  | Job No.:  | J429  |   |   |         |
|---|---|------------------|---|---|--|---|---|---|--|--|---|--|---|--|--|--|---|---|---|---|---------|
| Date of   | Sampling:   | 17/9/2005        |   | w   | /eather C  | ondition:   | Sunny   |   |  | -  | Ambie   | nt Tempera   | ature,⁰C:   | 31   |  | I  | ide State:  | Mid-Floo  | bd  | -   |         |
| Station   | Time  | Sea              | Overall   | Sampling  | Tempera  | ature, °C   | Dissolve  | ed Oxyge  | n, mg/L  | Dissolve   | d Oxyge   | n, %   | Salinity,   | ppt  | Turbidity  | , NTU  |   | Suspend   | ded Solic   | ls, mg/L  | Remarks |
|   |   | Condition        | Depth, m  | Depth,m   | а  | b   | а   | b   | Average  | а  | b   | Average  | а   | b  | а  | b  | Average   |   |   | Depth<br>Average                                  |         |
| MW1 S   | 10:42   |                  |   | 1   | 29.9   | 29.9  | 6.10  | 6.09  | 6.11   | 96.3   | 96.4  | 96.0   | 31.3  | 31.4   | 1.13   | 1.15   |   | 18  | 23  |   |         |
| MW1 M   | 10:47   |                  | 5   | 2.5   | 29.8   | 29.8  | 6.14  | 6.11  | 0.11   | 95.8   | 95.4  | 30.0   | 31.4  | 31.4   | 1.85   | 1.86   | 1.73  | 22  | 28  | 24  |         |
| MW1 B   | 10:54   |                  |   | 4   | 29.7   | 29.7  | 6.04  | 6.10  | 6.07   | 96.0   | 94.5  | 95.3   | 31.5  | 31.5   | 2.20   | 2.20   |   | 26  | 27  |   |         |
| MW2 S   | 10:59   | -                |   | 1   | 29.6   | 29.5  | 6.07  | 6.11  | 6.12   | 96.2   | 95.7  | 95.9   | 31.5  | 31.5   | 0.94   | 0.96   |   | 29  | 30  | _   |         |
| MW2M  | 11:05   | -                | 10  | 5   | 29.5   | 29.5  | 6.13  | 6.15  |  | 95.7   | 96.1  |  | 31.6  | 31.6   | 1.45   | 1.47   | 1.37  | 10  | 15  | 24  |         |
| MW2 B   | 11:10   |                  |   | 9   | 28.8   | 28.7  | 3.10  | 3.14  | 3.12   | 48.6   | 47.4  | 48.0   | 31.8  | 31.8   | 1.69   | 1.71   |   | 29  | 29  |   |         |
| CW1 S   | 10:30   | -                |   | 1   | 29.7   | 29.6  | 5.86  | 5.88  | 5.87   | 92.6   | 92.9  | 92.8   | 31.5  | 31.5   | 1.97   | 2.12   |   | 26  | 27  | -   |         |
| CW1 M   |   |                  | 4   |   |  |   |   |   |  |  |   |  |   |  |  |  | 2.13  |   |   | 26  |         |
| CW1 B   | 10:35   | 1                |   | 3   | 29.6   | 29.6  | 5.90  | 5.85  | 5.88   | 91.7   | 92.0  | 91.9   | 31.6  | 31.6   | 2.18   | 2.23   |   | 29  | 20  | -   |         |
| CW2 S   | 11:15   |                  |   | 1   | 29.6   | 29.5  | 6.01  | 5.97  | 5.99   | 93.9   | 93.9  | 93.6   | 31.6  | 31.5   | 1.42   | 1.46   |   | 24  | 23  |   |         |
| CW2 M   | 11:23   | -                | 11  | 5.5   | 29.3   | 29.3  | 5.97  | 5.99  |  | 93.3   | 93.1  |  | 31.6  | 31.6   | 1.50   | 1.52   | 1.78  | 16  | 19  | 23  |         |
| CW2 B   | 11:30   |                  |   | 10  | 29.4   | 29.4  | 6.03  | 6.01  | 6.02   | 93.7   | 93.9  | 93.8   | 31.7  | 31.7   | 2.38   | 2.40   |   | 22  | 31  |   |         |
| <b>F</b> auliana a  |   | Disasturation    |   |   | 514  | 0407  |   | O-libti   | o charala  |  | 100   | 100%   |   |  |  |  | 0   | D   | 14/-:   |   |         |
| Equipmer  | it used:  | Dissolved Ox     |   | er:   | EM   | 6167  |   |   | ion Check:   |  | 100   | -  |   |  |  |  | Sampled I   |   | Wai   | nd Doi  |         |
|   |   | Turbidity Met    |   |   | EM   | 2365<br>6167  |   |   | ion Check:<br>ion Check:   |  | 9.8<br>35.5   | •  |   |  |  |  | Checked I<br>Date:  | Бу.   | Raymor<br>24/9/20   |   |         |
|   |   | Thermomete       |   |   | EM   | 6167  |   | Calibrati   | ION CHECK.   |  | 30.0  | ppt  |   |  |  |  | Date.   |   | 24/3/20   | 00  |         |
|   |   | mermomete        | · · ·   |   |  | 0107  |   |   |  |  |   |  |   |  |  |  |   |   |   |   |         |
|   |   |                  |   |   |  |   |   |   |  |  |   |  |   |  |  |  |   |   |   |   |         |
| Project:  | Contract  | No. CV/2004/     | 02 Recons   | truction of V   | Vong She   | ek and Ko   | Lau Wa  | n Public  | Piers  | -  | Client:   | Kin Shing  | Constru   | ction Co.  | , Ltd.   |  | Job No.:  | J429  |   |   |         |
|   |   | No. CV/2004/0    |   |   | Vong She<br>/eather C  |   |   |   |  | -<br>-   |   | Kin Shing  |   |  |  |  | Job No.:<br>īde State:  |   |   | -   |         |
|   |   |                  | Overall   | W   | /eather C  |   | Cloudy 8  | & light rai   | iny  | _  |   | nt Tempera   |   | 29   |  | ٦  |   | Mid-Ebb   | ded Solid   | -<br>Is, mg/L                                     | Remarks |
| Date of   | Sampling:   | 17/9/2005        |   | W   | /eather C  | ondition:   | Cloudy 8  | & light rai   | iny  | _  | Ambie   | nt Tempera   | ature,⁰C:   | 29   |  | ٦  |   | Mid-Ebb   |   | ls, mg/L<br>Depth<br>Average                      | Remarks |
| Date of   | Sampling:   | 17/9/2005<br>Sea | Overall   | W   | /eather C  | ondition:<br>ature, °C  | Cloudy &  | & light rai   | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge  | nt Tempera<br>n, %<br>Average  | ature,⁰C:<br>Salinity,  | 29<br>ppt  | Turbidity  | T<br>, NTU   | ide State:  | Mid-Ebb   |   | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time   | 17/9/2005<br>Sea | Overall   | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Cloudy &<br>Dissolve<br>a   | & light rai<br>ed Oxyge<br>b  | iny<br>n, mg/L   | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Tempera   | ature,°C:<br>Salinity,<br>a   | 29<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b   | ide State:  | Mid-Ebb   | ded Solic   | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time   | 17/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Cloudy &<br>Dissolve<br>a   | & light rai<br>ed Oxyge<br>b  | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Tempera<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a   | 29<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b   | Tide State:   | Mid-Ebb   | ded Solic   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>15:16  | 17/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1   | /eather C<br>Tempera<br>a<br>28.9  | ondition:<br>ature, °C<br>b<br>28.9   | Cloudy 8<br>Dissolve<br>a<br>6.02   | & light rai   | n, mg/L<br>Average<br>6.01<br>6.03   | Dissolve<br>a<br>94.2  | Ambie<br>d Oxyge<br>b<br>96.0   | nt Tempera<br>n, %<br>Average<br>95.1  | ature,°C:<br>Salinity,<br>a<br>30.8   | 29<br>ppt<br>b<br>30.8   | Turbidity<br>a<br>0.93   | 7<br>, NTU<br>b<br>0.95  | Tide State:   | Mid-Ebb   | ded Solic   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>15:16<br>15:22   | 17/9/2005<br>Sea | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1<br>3  | Veather C<br>a<br>28.9<br>28.8   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8   | Cloudy &<br>Dissolve<br>a<br>6.02<br>6.02   | k light rai   | n, mg/L<br>Average<br>6.01   | Dissolve<br>a<br>94.2<br>93.9  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6   | nt Temper<br>Average<br>95.1<br>93.8   | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5   | 29<br>ppt<br>b<br>30.8<br>31.5   | Turbidity<br>a<br>0.93<br>1.17   | , NTU<br>b<br>0.95<br>1.20   | Tide State:   | Mid-Ebb<br>Suspend<br>35<br>19  | ded Solic<br>30<br>19   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>15:16<br>15:22<br>15:26  | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | (eather C<br>a<br>28.9<br>28.8<br>29.0   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0   | Cloudy &<br>Dissolve<br>a<br>6.02<br>6.02<br>6.03   | & light rai   | n, mg/L<br>Average<br>6.01<br>6.03   | Dissolve<br>a<br>94.2<br>93.9<br>95.0  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0   | nt Temper<br>Average<br>95.1<br>93.8   | ature, °C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6  | 29<br>ppt<br>30.8<br>31.5<br>31.6  | Turbidity<br>a<br>0.93<br>1.17<br>0.92   | , NTU<br>b<br>0.95<br>1.20<br>0.95                                   | Average   | Mid-Ebb<br>Suspend<br>35<br>19<br>29  | 30<br>19<br>24  | Depth<br>Average<br>26                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31   | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | /eather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7   | Cloudy 8<br>Dissolve<br>a<br>6.02<br>6.02<br>6.03<br>5.98   | & light rai<br>ad Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99  | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74                                 | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2   | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8  | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6   | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6   | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58   | , NTU<br>b<br>0.95<br>1.20<br>0.95<br>1.59                           | Average   | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24  | 30<br>30<br>19<br>24<br>22  | Depth<br>Average<br>26                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37  | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | /eather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4   | ondition:<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4  | Cloudy &<br>Dissolve<br>a<br>6.02<br>6.03<br>5.98<br>5.71   | & light rai<br>d Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76   | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00   | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8   | n, %<br>Average<br>95.1<br>93.8<br>94.2  | ature, °C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.8  | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.7   | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16                                 | , NTU<br>b<br>0.95<br>1.20<br>0.95<br>1.59<br>2.20                   | Average   | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39  | 30<br>30<br>19<br>24<br>22<br>36  | Depth<br>Average<br>26                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S   | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37  | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | /eather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4   | ondition:<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4  | Cloudy &<br>Dissolve<br>a<br>6.02<br>6.03<br>5.98<br>5.71   | & light rai<br>d Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76   | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74                                 | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8   | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8  | ature, °C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.8  | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.7   | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16                                 | , NTU<br>b<br>0.95<br>1.20<br>0.95<br>1.59<br>2.20                   | Tide State:<br>Average<br>1.06  | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39  | 30<br>30<br>19<br>24<br>22<br>36  | Depth<br>Average<br>26<br>29                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M   | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06                                     | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | Veather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7   | Cloudy 8           Dissolve           a           6.02           6.02           6.03           5.98           5.71           5.91 | <ul> <li>k light rai</li> <li>d Oxyge</li> <li>b</li> <li>6.00</li> <li>6.03</li> <li>6.01</li> <li>5.99</li> <li>5.76</li> <li>5.95</li> </ul>                     | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74<br>5.93                         | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8<br>91.1  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3                                       | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2  | ature, °C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.8<br>31.8<br>31.6                        | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.7<br>31.6                                 | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24                         | , NTU<br>b<br>0.95<br>1.20<br>0.95<br>1.59<br>2.20<br>2.09           | Tide State:<br>Average<br>1.06  | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39<br>17                                      | 30<br>30<br>19<br>24<br>22<br>36<br>14                                      | Depth<br>Average<br>26<br>29                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                                     | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06<br>15:10                            | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4                                    | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | reather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6<br>28.4<br>29.6   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7<br>28.4<br>28.7   | Cloudy &<br>Dissolve<br>a<br>6.02<br>6.03<br>5.98<br>5.71<br>5.91<br>5.90   | k light rai<br>d Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76<br>5.95<br>5.95   | n, mg/L<br>Average<br>6.01<br>6.03<br>5.74<br>5.93<br>5.90                         | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8<br>91.1<br>92.2  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3<br>91.3                               | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2<br>92.3                                | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.8<br>31.6<br>31.8<br>31.5                 | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.7<br>31.6<br>31.7<br>31.6                 | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24<br>2.71                 | 1.20<br>0.95<br>1.20<br>0.95<br>2.20<br>2.09<br>2.68                 | Tide State:<br>Average<br>1.06  | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39<br>17<br>17                                | 30<br>19<br>24<br>22<br>36<br>14<br>10                                      | Depth<br>Average<br>26<br>29                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S                            | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06<br>15:10<br>15:45                   | 17/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                          | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2  | Veather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6<br>28.6<br>28.6   | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7<br>28.4<br>28.7<br>28.6<br>28.8                                 | Cloudy 8<br>Dissolve<br>a<br>6.02<br>6.03<br>5.98<br>5.71<br>5.90<br>6.05   | B. light rai           id Oxyge           b           6.00           6.03           6.01           5.99           5.76           5.95           5.90           6.09 | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74<br>5.93<br>5.90                 | Dissolve           a           94.2           93.9           95.0           93.7           90.8           91.1           92.2           95.4 | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3<br>92.4<br>94.6                       | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2<br>92.3                                | ature, °C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.5<br>31.5<br>31.5<br>31.5        | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.7<br>31.6<br>31.5<br>31.5<br>31.5         | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24<br>2.71<br>1.20         | 1.20<br>0.95<br>1.20<br>0.95<br>2.20<br>2.09<br>2.68<br>1.19         | Tide State:<br>Average<br>1.06<br>1.57<br>2.43  | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39<br>17<br>17<br>17<br>29                    | 30<br>30<br>19<br>24<br>22<br>36<br>14<br>10<br>21                          | Depth<br>Average<br>26<br>29<br>15                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B          | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06<br>15:10<br>15:45<br>15:49<br>15:57 | 17/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10                    | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Veather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6<br>28.6<br>28.6<br>28.8<br>28.4<br>28.4<br>27.8                       | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7<br>28.4<br>28.6<br>28.8<br>28.8<br>28.8<br>28.8<br>28.4<br>27.8 | Cloudy 8<br>Dissolve<br>a<br>6.02<br>6.02<br>6.03<br>5.98<br>5.91<br>5.91<br>5.90<br>6.05<br>4.98                                 | 8 light rai<br>d Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76<br>5.95<br>5.90<br>6.09<br>4.99<br>1.14   | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74<br>5.93<br>5.90<br>5.53<br>1.19 | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8<br>91.1<br>92.2<br>95.4<br>85.9  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3<br>92.4<br>94.6<br>87.0<br>8.3        | nt Temperi<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2<br>92.3<br>90.7<br>9.0                 | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.5<br>31.5<br>31.5<br>31.5 | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.7<br>31.6<br>31.5<br>31.5<br>31.5 | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24<br>2.71<br>1.20<br>1.38 | 1.20<br>0.95<br>1.20<br>0.95<br>2.20<br>2.09<br>2.68<br>1.19<br>1.40 | Tide State:<br>Average<br>1.06<br>1.57<br>2.43<br>1.45  | Mid-Ebb<br>Suspend<br>35<br>29<br>24<br>39<br>17<br>17<br>29<br>28<br>32                    | 30<br>30<br>19<br>24<br>22<br>36<br>14<br>10<br>21<br>33<br>35              | Depth<br>Average<br>26<br>29<br>15                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 S<br>CW1 B<br>CW2 S<br>CW2 M | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06<br>15:10<br>15:45<br>15:49<br>15:57 | 17/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>3<br>10<br>xygen Mete | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | reather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6<br>28.4<br>29.6<br>28.6<br>28.8<br>28.4<br>28.8<br>28.4<br>27.8<br>EM | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7<br>28.4<br>28.7<br>28.6<br>28.8<br>28.8<br>28.4<br>27.8<br>6167 | Cloudy 8<br>Dissolve<br>a<br>6.02<br>6.02<br>6.03<br>5.98<br>5.91<br>5.90<br>6.05<br>4.98<br>1.24                                 | 8 light rai<br>d Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76<br>5.95<br>6.09<br>4.99<br>1.14<br>Calibrati  | n, mg/L<br>Average<br>6.01<br>6.03<br>5.74<br>5.93<br>5.90<br>5.53<br>1.19         | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8<br>91.1<br>92.2<br>95.4<br>85.9  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3<br>92.4<br>94.6<br>87.0<br>8.3<br>100 | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2<br>92.3<br>90.7<br>9.0<br>100%:        | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.5<br>31.5<br>31.5<br>31.5 | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.7<br>31.6<br>31.5<br>31.5<br>31.5 | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24<br>2.71<br>1.20<br>1.38 | 1.20<br>0.95<br>1.20<br>0.95<br>2.20<br>2.09<br>2.68<br>1.19<br>1.40 | Tide State:           Average           1.06           1.57           2.43           1.45           Sampled I | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39<br>17<br>17<br>29<br>28<br>32<br>32<br>By: | 30<br>30<br>19<br>24<br>22<br>36<br>14<br>14<br>10<br>21<br>33<br>35<br>Wai | Depth<br>Average<br>26<br>29<br>15<br>30          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 S<br>CW2 M<br>CW2 B          | Sampling:<br>Time<br>15:16<br>15:22<br>15:26<br>15:31<br>15:37<br>15:06<br>15:10<br>15:45<br>15:49<br>15:57 | 17/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>3<br>10<br>xygen Mete | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Veather C<br>Tempera<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>29.6<br>28.6<br>28.6<br>28.8<br>28.4<br>28.4<br>27.8                       | ondition:<br>ature, °C<br>b<br>28.9<br>28.8<br>29.0<br>28.7<br>28.4<br>28.7<br>28.4<br>28.6<br>28.8<br>28.8<br>28.8<br>28.8<br>28.4<br>27.8 | Cloudy 4<br>Dissolve<br>a<br>6.02<br>6.03<br>5.98<br>5.71<br>5.90<br>6.05<br>4.98<br>1.24   | 8. light rai<br>of Oxyge<br>b<br>6.00<br>6.03<br>6.01<br>5.99<br>5.76<br>5.95<br>5.90<br>6.09<br>4.99<br>1.14<br>Calibrati  | n, mg/L<br>Average<br>6.01<br>6.03<br>6.00<br>5.74<br>5.93<br>5.90<br>5.53<br>1.19 | Dissolve<br>a<br>94.2<br>93.9<br>95.0<br>93.7<br>90.8<br>91.1<br>92.2<br>95.4<br>85.9  | Ambie<br>d Oxyge<br>b<br>96.0<br>93.6<br>95.0<br>93.2<br>90.8<br>91.3<br>92.4<br>94.6<br>87.0<br>8.3        | nt Tempera<br>n, %<br>Average<br>95.1<br>93.8<br>94.2<br>90.8<br>91.2<br>92.3<br>90.7<br>9.0<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.5<br>31.5<br>31.5<br>31.5 | 29<br>ppt<br>b<br>30.8<br>31.5<br>31.6<br>31.6<br>31.6<br>31.7<br>31.6<br>31.5<br>31.5<br>31.5 | Turbidity<br>a<br>0.93<br>1.17<br>0.92<br>1.58<br>2.16<br>2.24<br>2.71<br>1.20<br>1.38 | 1.20<br>0.95<br>1.20<br>0.95<br>2.20<br>2.09<br>2.68<br>1.19<br>1.40 | Tide State:<br>Average<br>1.06<br>1.57<br>2.43<br>1.45  | Mid-Ebb<br>Suspend<br>35<br>19<br>29<br>24<br>39<br>17<br>17<br>29<br>28<br>32<br>32<br>By: | 30<br>30<br>19<br>24<br>22<br>36<br>14<br>10<br>21<br>33<br>35              | Depth<br>Average<br>26<br>29<br>15<br>30<br>d Dai | Remarks |

Thermometer:

EM 6167

| 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:  | 20/9/2005                     |  | . w   | /eather C  | ondition:   | Sunny  |  |  | -  | Ambie   | nt Temper  | ature,⁰C:  | 32   |  | Т  | ide State:  | Mid-Floo  | bd   | -   |         |
| Station   | Time   | Sea                           | Overall  | Sampling  | Tempera  | ature, °C   | 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   |   |  | Depth<br>Average                                  |         |
| MW1 S   | 11:18  |                               |  | 1   | 29.0   | 29.0  | 6.58   | 6.54   |  | 103.3  | 103.0   |  | 31.8   | 31.8   | 1.25   | 1.23   |   | 31  | 27   |   |         |
| MW1 M   | 11:23  |                               | 5  | 2.5   | 29.0   | 29.0  | 6.34   | 6.30   | 6.44   | 101.9  | 101.5   | 102.4  | 32.0   | 32.0   | 1.57   | 1.56   | 1.57  | 10  | 9  | 18  |         |
| MW1 B   | 11:26  |                               |  | 4   | 28.9   | 28.9  | 5.98   | 5.96   | 5.97   | 91.9   | 92.0  | 92.0   | 32.0   | 32.0   | 1.92   | 1.89   |   | 18  | 15   |   |         |
| MW2 S   | 11:30  |                               |  | 1   | 29.1   | 29.0  | 6.39   | 6.37   | 6.37   | 99.2   | 99.0  | 98.8   | 31.8   | 31.8   | 1.17   | 1.16   |   | 15  | 18   |   |         |
| MW2 M   | 11:35  |                               | 10   | 5   | 28.9   | 28.9  | 6.36   | 6.37   | 0.37   | 98.5   | 98.5  | 90.0   | 32.0   | 32.0   | 1.34   | 1.31   | 1.33  | 33  | 30   | 19  |         |
| MW2 B   | 11:42  |                               |  | 9   | 28.6   | 28.6  | 4.40   | 4.41   | 4.41   | 67.9   | 68.0  | 68.0   | 32.1   | 32.1   | 1.50   | 1.49   |   | 10  | 9  |   |         |
| CW1 S   | 11:06  |                               |  | 1   | 29.4   | 29.4  | 6.58   | 6.57   | 6.58   | 102.8  | 102.5   | 102.7  | 31.8   | 31.8   | 1.26   | 1.25   |   | 15  | 12   | -   |         |
| CW1 M   |  |                               | 4  |   |  |   |  |  |  |  |   |  |  |  |  |  | 1.53  |   |  | 13  |         |
| CW1 B   | 11:15  |                               |  | 3   | 29.0   | 29.0  | 6.52   | 6.50   | 6.51   | 101.3  | 101.0   | 101.2  | 32.0   | 32.0   | 1.82   | 1.79   |   | 11  | 13   |   |         |
| CW2 S   | 11:50  |                               |  | 1   | 28.8   | 28.8  | 6.30   | 6.32   | 6.16   | 97.4   | 97.6  | 95.2   | 32.0   | 32.0   | 1.77   | 1.74   |   | 20  | 16   |   |         |
| CW2 M   | 11:56  |                               | 11   | 5.5   | 28.5   | 28.5  | 6.00   | 6.02   | 0.10   | 92.9   | 92.8  | 50.2   | 32.0   | 32.0   | 2.48   | 2.46   | 2.26  | 5   | 7  | 18  |         |
| CW2 B   | 12:04  |                               |  | 10  | 28.6   | 28.5  | 5.20   | 5.23   | 5.22   | 80.1   | 80.4  | 80.3   | 32.1   | 32.1   | 2.57   | 2.56   |   | 34  | 28   |   |         |
| <b>_</b> .  |  | <b>N</b> 1 10                 |  |   |  |   |  | 0  |  |  |   | 4000/  |  |  |  |  |   | _   | _  |   |         |
| Equipmer  | it used:   | Dissolved Ox<br>Turbidity Met |  | er:   | EM   | 6167<br>2365  |  |  | ion Check:<br>ion Check:   |  | 100<br>9.9  | -  |  |  |  |  | Sampled<br>Checked  |   | Pong<br>Raymor   | d Doi   | -       |
|   |  | Salinity Mete                 |  |   | EM   | 6167  |  |  | ion Check:   |  | 35.5  | -  |  |  |  |  | Date:   | Бу.   | 27/9/200   |   |         |
|   |  |                               |  |   |  |   |  | Calibrati  | IOIT OTIECK.   |  | 33.3  | ppt  |  |  |  |  | Date.   |   | 2113/200   | 55  |         |
|   |  | Thermomete                    | 1.   |   | EM   | 6167  |  |  |  |  |   |  |  |  |  |  |   |   |  |   |         |
|   |  |                               |  |   |  |   |  |  |  |  |   |  |  |  |  |  |   |   |  |   |         |
| 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  |  |   |         |
|   |  | No. CV/2004/0<br>20/9/2005    |  |   | Vong She<br>/eather C  |   |  | n Public   | Piers  |  |   | Kin Shing  |  |  |  |  | Job No.:<br>Fide State:   |   |  |   |         |
|   |  |                               |  |   | /eather C  |   | Sunny  |  |  | -  |   | nt Temper  |  | 32   |  | Т  |   | Mid-Ebb   | ded Solid  | -<br>ls, mg/L                                     | Remarks |
| Date of   | Sampling:  | 20/9/2005                     |  | W   | /eather C  | ondition:   | Sunny  | ed Oxyge   |  | -  | Ambie   | nt Temper  | ature,⁰C:  | 32   |  | T<br>v, NTU  |   | Mid-Ebb   |  | s, mg/L<br>Depth<br>Average                       | Remarks |
| Date of   | Sampling:  | 20/9/2005<br>Sea              | Overall  | W   | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve  | ed Oxyge   | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge  | nt Temper<br>n, %<br>Average   | ature,⁰C:<br>Salinity,   | 32<br>ppt  | Turbidity  | T<br>v, NTU  | ide State:  | Mid-Ebb   |  | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time  | 20/9/2005<br>Sea              | Overall  | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b  | n, mg/L  | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Temper  | ature,°C:<br>Salinity,<br>a  | 32<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b  | ide State:  | Mid-Ebb   | ded Solid  | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time  | 20/9/2005<br>Sea              | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m  | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b  | n, mg/L<br>Average   | Dissolve   | Ambie<br>d Oxyge<br>b   | nt Temper<br>n, %<br>Average   | ature,°C:<br>Salinity,<br>a  | 32<br>ppt<br>b   | Turbidity<br>a   | r, NTU<br>b  | Tide State:   | Mid-Ebb   | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>15:16   | 20/9/2005<br>Sea              | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1   | /eather C<br>Tempera<br>a<br>29.3  | ondition:<br>ature, °C<br>b<br>29.2   | Sunny<br>Dissolve<br>a<br>6.38   | ed Oxyge<br>b<br>6.36  | n, mg/L<br>Average<br>6.37<br>4.43   | Dissolve<br>a<br>98.9  | Ambie<br>d Oxyge<br>b<br>98.7   | n, %<br>Average<br>98.8<br>68.3  | ature,°C:<br>Salinity,<br>a<br>31.9  | ppt<br>b<br>31.9   | Turbidity<br>a<br>1.23   | 7<br><u>7, NTU</u><br>b<br>1.25  | Tide State:   | Mid-Ebb   | ded Solid  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>15:16<br>15:21  | 20/9/2005<br>Sea              | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3  | Veather C<br>a<br>29.3<br>29.2   | ature, °C<br>b<br>29.2<br>29.2  | Sunny<br>Dissolve<br>a<br>6.38<br>4.42   | ed Oxyge<br>b<br>6.36<br>4.43  | n, mg/L<br>Average<br>6.37   | Dissolve<br>a<br>98.9<br>68.2  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3   | nt Temper<br>n, %<br>Average<br>98.8   | ature,°C:<br>Salinity,<br>a<br>31.9<br>32.1  | 22<br>ppt<br>b<br>31.9<br>32.1   | Turbidity<br>a<br>1.23<br>2.05   | 7, NTU<br>b<br>1.25<br>2.09  | Tide State:   | Mid-Ebb<br>Suspend<br>17<br>24  | 15<br>17   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>15:16<br>15:21<br>15:26   | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | (eather C<br>a<br>29.3<br>29.2<br>29.2<br>29.2   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>29.2   | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50   | 6.36<br>6.443  | n, mg/L<br>Average<br>6.37<br>4.43   | Dissolve<br>a<br>98.9<br>68.2<br>85.0  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8   | n, %<br>Average<br>98.8<br>68.3  | ature,°C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7  | 32<br>ppt<br>b<br>31.9<br>32.1<br>31.7   | Turbidity<br>a<br>1.23<br>2.05<br>1.45   | r, NTU<br>b<br>1.25<br>2.09<br>1.47  | Average   | Mid-Ebb<br>Suspend<br>17<br>24<br>25  | 15<br>17<br>20   | Depth<br>Average<br>18                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32  | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | /eather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>29.2<br>28.8   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>29.2<br>29.2<br>28.8   | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18   | ed Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16  | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03                                 | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0   | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>82.5<br>76.5   | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0   | 32<br>ppt<br>b<br>31.9<br>32.1<br>31.7<br>32.0   | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61   | 7<br>(, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62   | Average   | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15  | 15<br>17<br>20<br>26   | Depth<br>Average<br>18                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40                                     | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | /eather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6   | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02   | ed Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04  | n, mg/L<br>Average<br>6.37<br>4.43   | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1<br>76.4  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6   | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>82.5   | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1   | 32<br>ppt b<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1  | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25   | 7<br>(, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26   | Average   | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17                                      | 15<br>17<br>20<br>26<br>21                                       | Depth<br>Average<br>18                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40                                     | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m   | /eather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6   | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02   | ed Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04  | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03                                 | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1<br>76.4  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6   | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>82.5<br>76.5   | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1   | 32<br>ppt b<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1  | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25   | 7<br>(, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26   | Tide State:<br>Average<br>1.66                                    | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17                                      | 15<br>17<br>20<br>26<br>21                                       | Depth<br>Average<br>18<br>21                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                                     | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:06                            | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | Veather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3   | ondition:<br>ature, C<br>b<br>29.2<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3  | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23                                 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24   | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24<br>6.33                 | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1<br>76.4<br>96.4  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8   | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>82.5<br>76.5<br>96.6<br>98.1   | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6                                 | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6   | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25<br>1.29   | 7, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26<br>1.30  | Tide State:<br>Average<br>1.66                                    | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37                                | 15<br>17<br>20<br>26<br>21<br>31                                 | Depth<br>Average<br>18<br>21                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:06<br>15:10                   | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | reather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>28.6<br>29.3   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0   | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23<br>6.23<br>6.32                 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24<br>6.33   | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24                         | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1<br>76.4<br>96.4<br>98.0  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8<br>96.8   | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>68.3<br>76.5<br>76.5<br>96.6   | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6<br>32.0                         | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6           32.0  | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25<br>1.29<br>1.17   | 7, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26<br>1.30  | Tide State:<br>Average<br>1.66                                    | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37<br>37<br>16                    | 15<br>17<br>20<br>26<br>21<br>31<br>18                           | Depth<br>Average<br>18<br>21                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S          | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:10<br>15:48                   | 20/9/2005<br>Sea              | Overall<br>Depth, m<br>4<br>9<br>3                     | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2  | Veather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0                                 | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23<br>6.32<br>6.41                 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24<br>6.33<br>6.40   | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24<br>6.33                 | Dissolve<br>a<br>98.9<br>68.2<br>85.0<br>80.1<br>76.4<br>98.0<br>99.4  | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8<br>98.2<br>98.2                                 | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>68.3<br>82.5<br>76.5<br>96.6<br>98.1                                 | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6<br>32.0<br>32.0<br>32.0         | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6           32.0           32.0           32.0                | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25<br>1.29<br>1.17<br>1.08   | x, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26<br>1.30<br>1.20<br>1.10  | Tide State:<br>Average<br>1.66<br>1.44                            | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37<br>16<br>20                    | 15<br>17<br>20<br>26<br>21<br>31<br>18<br>18                     | Depth<br>Average<br>18<br>21<br>26                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:40<br>15:10<br>15:48<br>15:56 | 20/9/2005                     | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | <ul> <li>/eather C</li> <li>Tempera</li> <li>29.3</li> <li>29.2</li> <li>29.2</li> <li>29.2</li> <li>28.8</li> <li>28.6</li> <li>29.3</li> <li>29.0</li> <li>29.0</li> <li>28.8</li> <li>28.6</li> <li>28.6</li> </ul> | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0<br>28.8<br>29.0<br>29.0<br>28.8<br>28.6 | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23<br>6.23<br>6.32<br>6.41<br>6.24 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24<br>6.33<br>6.40<br>6.22<br>5.67                           | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24<br>6.33<br>6.32<br>5.66 | Dissolve           a           98.9           68.2           85.0           80.1           76.4           96.9           99.4           96.8 | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8<br>98.2<br>99.2<br>99.2<br>99.2<br>96.5<br>84.9 | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>68.3<br>76.5<br>96.6<br>98.1<br>98.0<br>85.0                         | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6<br>32.0<br>32.0<br>32.0<br>32.0 | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6           32.0           32.0           32.0           32.1 | Turbidity           a           1.23           2.05           1.45           1.61           1.25           1.29           1.17           1.08           1.23 | x, NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26<br>1.30<br>1.20<br>1.10<br>1.25<br>1.92  | Tide State:<br>Average<br>1.66<br>1.44<br>1.24<br>1.42            | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37<br>16<br>20<br>14<br>13        | 15<br>17<br>20<br>26<br>21<br>31<br>18<br>17<br>16<br>10         | Depth<br>Average<br>18<br>21<br>26                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 B<br>CW1 S | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:40<br>15:10<br>15:48<br>15:56 | 20/9/2005                     | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Veather C<br>Tempera<br>29.3<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0<br>29.0<br>28.8<br>29.0<br>28.8<br>28.6<br>29.0   | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0<br>28.8<br>28.6<br>6167                 | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23<br>6.23<br>6.32<br>6.41<br>6.24 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24<br>6.33<br>6.40<br>6.22<br>5.67<br>Calibrati              | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24<br>6.32<br>6.32<br>5.66 | Dissolve           a           98.9           68.2           85.0           80.1           76.4           96.9           99.4           96.8 | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8<br>98.2<br>98.2<br>99.2<br>96.5<br>84.9<br>100  | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>82.5<br>76.5<br>96.6<br>98.1<br>98.0<br>85.0<br>100%:                | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6<br>32.0<br>32.0<br>32.0<br>32.0 | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6           32.0           32.0           32.0           32.1 | Turbidity           a           1.23           2.05           1.45           1.61           1.25           1.29           1.17           1.08           1.23 | 1.25           2.09           1.47           1.62           1.30           1.26           1.30           1.20           1.10           1.25           1.92 | Tide State:<br>Average<br>1.66<br>1.44<br>1.24<br>1.42<br>Sampled | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37<br>16<br>20<br>14<br>13<br>By: | 15<br>17<br>20<br>26<br>21<br>31<br>18<br>17<br>16<br>10<br>Pong | Depth<br>Average<br>18<br>21<br>26<br>15          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>15:16<br>15:21<br>15:26<br>15:32<br>15:40<br>15:40<br>15:10<br>15:48<br>15:56 | 20/9/2005                     | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | <ul> <li>/eather C</li> <li>Tempera</li> <li>29.3</li> <li>29.2</li> <li>29.2</li> <li>29.2</li> <li>28.8</li> <li>28.6</li> <li>29.3</li> <li>29.0</li> <li>29.0</li> <li>28.8</li> <li>28.6</li> <li>28.6</li> </ul> | ondition:<br>ature, °C<br>b<br>29.2<br>29.2<br>29.2<br>28.8<br>28.6<br>29.3<br>29.0<br>29.0<br>28.8<br>29.0<br>29.0<br>28.8<br>28.6 | Sunny<br>Dissolve<br>a<br>6.38<br>4.42<br>5.50<br>5.18<br>5.02<br>6.23<br>6.32<br>6.41<br>6.24<br>5.65 | d Oxyge<br>b<br>6.36<br>4.43<br>5.48<br>5.16<br>5.04<br>6.24<br>6.33<br>6.40<br>6.22<br>5.67<br>Calibrati<br>Calibrati | n, mg/L<br>Average<br>6.37<br>4.43<br>5.33<br>5.03<br>6.24<br>6.33<br>6.32<br>5.66 | Dissolve           a           98.9           68.2           85.0           80.1           76.4           96.9           99.4           96.8 | Ambie<br>d Oxyge<br>b<br>98.7<br>68.3<br>84.8<br>80.0<br>76.6<br>96.8<br>98.2<br>99.2<br>99.2<br>99.2<br>96.5<br>84.9 | nt Temper<br>n, %<br>Average<br>98.8<br>68.3<br>68.3<br>76.5<br>76.5<br>96.6<br>98.1<br>98.0<br>85.0<br>100%:<br>NTU | ature, °C:<br>Salinity,<br>a<br>31.9<br>32.1<br>31.7<br>32.0<br>32.1<br>31.6<br>32.0<br>32.0<br>32.0<br>32.0 | 32           ppt           b           31.9           32.1           31.7           32.0           32.1           31.6           32.0           32.0           32.0           32.1 | Turbidity<br>a<br>1.23<br>2.05<br>1.45<br>1.61<br>1.25<br>1.29<br>1.17<br>1.08<br>1.23   | , NTU<br>b<br>1.25<br>2.09<br>1.47<br>1.62<br>1.26<br>1.30<br>1.20<br>1.20<br>1.10<br>1.25<br>1.92   | Tide State:<br>Average<br>1.66<br>1.44<br>1.24<br>1.42            | Mid-Ebb<br>Suspend<br>17<br>24<br>25<br>15<br>17<br>37<br>16<br>20<br>14<br>13<br>By: | 15<br>17<br>20<br>26<br>21<br>31<br>18<br>17<br>16<br>10         | Depth<br>Average<br>18<br>21<br>26<br>15<br>d Dai | Remarks |

Thermometer:

| Project:  | Contract   | No. CV/2004/                     | 02 Recons                                  | truction of V  | Vong She  | k and Ko  | Lau Wa   | n Public   | Piers  |   | Client:   | Kin Shing   | Constru  | ction Co.,   | , Ltd.   |   | Job No.:   | J429   | -  |                                    |          |
|---|--|----------------------------------|--|--|---|---|--|--|--|---|---|---|--|--|--|---|--|--|--|------------------------------------|----------|
| Date of   | Sampling:  | 22/9/2005                        |  |  | eather C  | ondition:   | Sunny  |  |  |   | Ambier  | nt Tempera  | ature,⁰C:  | 32   |  | I   | Fide State:  | Mid-Floo   | bd   | -                                  |          |
| Station   | Time   | Sea                              | Overall                                    | Sampling   | Tempera   | ature, °C   | Dissolve   | d Oxyge  |  | Dissolve  | d Oxyge   | n, %  | Salinity,  | ppt  | Turbidity  | , NTU   |  | Suspend  | ded Solic  | ls, mg/L                           | Remarks  |
|   |  | Condition                        | Depth, m                                   | Depth,m  | а   | b   | а  | b  | Average  | а   | b   | Average   | а  | b  | а  | b   | Average  |  |  | Depth<br>Average                   |          |
| MW1 S   | 9:40   |                                  |  | 1  | 30.2  | 30.2  | 6.79   | 6.79   |  | 107.3   | 107.0   |   | 31.6   | 31.6   | 1.08   | 0.93  |  | 23   | 17   | riverage                           |          |
|   | 3.40   | -                                |  |  |   |   |  |  | 6.81   | 107.5   |   | 107.4   | 51.0   | 51.0   |  |   |  | 20   |  | -                                  |          |
| MW1 M   | 9:44   |                                  | 5  | 2.5  | 30.1  | 30.1  | 6.83   | 6.83   |  | 107.7   | 107.4   |   | 31.6   | 31.5   | 0.72   | 0.78  | 0.83   | 25   | 19   | 17                                 |          |
| MW1 B   | 9:47   |                                  |  | 4  | 30.0  | 30.0  | 6.78   | 6.79   | 6.79   | 106.8   | 106.5   | 106.7   | 31.6   | 31.5   | 0.89   | 0.57  |  | 11   | 7  |                                    |          |
| MW2 S   | 9:14   |                                  |  | 1  | 30.0  | 30.0  | 6.98   | 6.99   |  | 110.1   | 110.2   |   | 31.5   | 31.5   | 1.32   | 1.29  |  | 17   | 22   |                                    |          |
| MW2 M   | 9:17   |                                  | 10   | 5  | 29.8  | 29.8  | 7.00   | 6.98   | 6.99   | 109.7   | 109.7   | 109.9   | 31.6   | 31.6   | 0.90   | 0.88  | 1.06   | 20   | 20   | 21                                 |          |
| MW2 B   | 9:20   |                                  |  | 9  | 29.4  | 29.4  | 6.53   | 6.50   | 6.52   | 101.1   | 101.3   | 101.2   | 31.8   | 31.8   | 1.01   | 0.97  |  | 29   | 20   |                                    |          |
| CW1 S   | 9:50   |                                  |  | 1  | 30.2  | 30.3  | 6.53   | 6.54   |  | 103.3   | 103.7   | 100.5   | 31.5   | 31.5   | 1.06   | 1.10  |  | 26   | 29   |                                    |          |
| CW1 M   | 9:54   |                                  | 4  |  |   |   |  |  | 6.54   |   |   | 103.5   |  |  |  |   | 1.10   |  |  | 20                                 |          |
| CW1 B   | 9:59   |                                  |  | 3  | 30.1  | 30.1  | 6.64   | 6.65   | 6.65   | 104.9   | 104.9   | 104.9   | 31.6   | 31.6   | 1.19   | 1.05  |  | 12   | 13   |                                    |          |
| CW2 S   | 9:24   |                                  |  | 1  | 30.1  | 30.1  | 6.89   | 6.93   | 6.94   | 109.2   | 109.4   | 109.3   | 31.6   | 31.5   | 0.83   | 0.90  |  | 23   | 19   |                                    |          |
| CW2 M   | 9:28   |                                  | 11   | 5.5  | 29.9  | 29.9  | 6.97   | 6.95   | 0.54   | 109.5   | 109.2   | 100.0   | 31.6   | 31.6   | 0.39   | 0.30  | 0.54   | 20   | 22   | 21                                 |          |
| CW2 B   | 9:31   |                                  |  | 10   | 29.0  | 28.9  | 0.54   | 0.49   | 0.52   | 5.8   | 5.3   | 5.6   | 31.8   | 31.8   | 0.40   | 0.42  |  | 19   | 23   |                                    |          |
|   |  |                                  |  |  |   |   |  |  |  |   |   |   |  |  |  |   |  |  |  |                                    |          |
| Equipmer  | nt used:   | Dissolved O                      | kygen Mete                                 | er:  | EM  | 6167  |  | Calibrati  | on Check:  |   | 100   | 100%:   |  |  |  |   | Sampled I  | By:  | Wai  |                                    | -        |
|   |  | Turbidity Me                     | ter:                                       |  | EM  | 2365  |  | Calibrati  | on Check:  |   | 9.9   | NTU   |  |  |  |   | Checked I  | By:  | Raymor   | nd Dai                             |          |
|   |  | Salinity Mete                    | er:  |  | EM  | 6167  |  | Calibrati  | on Check:  |   | 35.5  | ppt   |  |  |  |   | Date:  |  | 29/9/20  | 05                                 | <u>.</u> |
|   |  |                                  |  |  |   |   |  |  |  |   |   |   |  |  |  |   |  |  |  |                                    |          |
|   |  | Thermomete                       | er:  |  | EM  | 6167  |  |  |  |   |   |   |  |  |  |   |  |  |  |                                    |          |
| Proiect:  | Contract   |                                  |  |  |   |   | Lau Wa   | n Public   | Piers  |   | Client:   | Kin Shina   | Construe   | ction Co.  | . Ltd.   |   | Job No.:   | J429   |  |                                    |          |
|   |  | No. CV/2004/                     | 02 Recons                                  | truction of V  | Vong She  | k and Ko  |  | n Public   | Piers  |   |   | Kin Shing   |  |  |  |   | Job No.:<br>Fide State:                              |  | -  |                                    |          |
| Date of   | Sampling:  | No. CV/2004/                     | 02 Recons                                  | truction of V  | Vong She<br>/eather Co  | k and Ko  | Sunny  |  |  |   | Ambier  | nt Tempera  | ature,⁰C:  | 32   |  | ٦   | Job No.:<br>Fide State:                              | Mid-Ebb  |  | -                                  |          |
| Date of   |  | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W   | Vong She<br>/eather Co  | k and Ko<br>ondition:<br>ature, °C  | Sunny<br>Dissolve  | d Oxyge  | n, mg/L  | Dissolve  | Ambier<br>d Oxyger  | nt Tempera  | ature,°C:<br>Salinity,   | 32<br>ppt  | Turbidity  | T<br>, NTU  | Fide State:  | Mid-Ebb  | -<br>o<br>ded Solic  |                                    | Remarks  |
| Date of   | Sampling:  | No. CV/2004/                     | 02 Recons                                  | truction of V<br>W   | Vong She<br>/eather Co<br>Tempera   | k and Ko  | Sunny  |  |  |   | Ambier<br>d Oxyger  | nt Tempera  | ature,⁰C:  | 32   |  | ٦   |  | Mid-Ebb  |  | ls, mg/L<br>Depth<br>Average       | Remarks  |
| Date of   | Sampling:  | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W   | Vong She<br>/eather Co<br>Tempera   | k and Ko<br>ondition:<br>ature, °C  | Sunny<br>Dissolve  | d Oxyge  | n, mg/L<br>Average   | Dissolve  | Ambier<br>d Oxyger  | nt Tempera<br>n, %<br>Average   | ature,°C:<br>Salinity,   | 32<br>ppt  | Turbidity  | T<br>, NTU  | Fide State:  | Mid-Ebb  |  | Depth                              | Remarks  |
| Date of<br>Station  | Sampling:<br>Time  | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W<br>Sampling<br>Depth,m  | Vong She<br>/eather Co<br>Tempera<br>a  | ondition:<br>ature, °C  | Sunny<br>Dissolve<br>a   | d Oxyge<br>b   | n, mg/L  | Dissolve<br>a   | Ambier<br>d Oxyger<br>b   | nt Tempera  | ature,°C:<br>Salinity,<br>a  | 32<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b  | Fide State:  | Mid-Ebb  | ded Solic  | Depth                              | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>12:32<br>12:35  | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W<br>Sampling<br>Depth,m  | Vong She<br>/eather C-<br>Tempera<br>a<br>29.7  | k and Kc<br>ondition:<br>ature, °C<br>b<br>29.7   | Sunny<br>Dissolve<br>a<br>6.74   | d Oxyger<br>b<br>6.74  | n, mg/L<br>Average<br>6.74   | Dissolve<br>a<br>106.3  | Ambier<br>d Oxyger<br>b<br>106.3  | nt Tempera<br>n, %<br>Average<br>106.3  | ature,°C:<br>Salinity,<br>a<br>31.6  | 32<br>ppt<br>b<br>31.6   | Turbidity<br>a<br>1.24   | ז ( <u>, NTU</u><br>b<br>1.31   | Fide State:  | Mid-Ebb  | 8  | Depth<br>Average                   | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>12:32<br>12:35<br>12:39   | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3  | Vong She<br>Veather C<br>Tempera<br>a<br>29.7<br>29.5   | k and Ko<br>ondition:<br>b<br>29.7<br>29.5  | Sunny<br>Dissolve<br>a<br>6.74<br>6.77   | d Oxyger<br>b<br>6.74<br>6.76  | n, mg/L<br>Average   | Dissolve<br>a<br>106.3<br>106.7   | Ambier<br>d Oxyger<br>b<br>106.3<br>106.5   | nt Tempera<br>n, %<br>Average   | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6  | 32<br>ppt<br>b<br>31.6<br>31.5   | Turbidity<br>a<br>1.24<br>0.72   | , NTU<br>b<br>1.31<br>0.90  | Fide State:  | Mid-Ebb<br>Suspend<br>11<br>12   | 8<br>15  | Depth<br>Average                   | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>12:32<br>12:35  | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4                   | truction of V<br>W<br>Sampling<br>Depth,m  | Vong She<br>/eather C-<br>Tempera<br>a<br>29.7  | k and Kc<br>ondition:<br>ature, °C<br>b<br>29.7   | Sunny<br>Dissolve<br>a<br>6.74   | d Oxyger<br>b<br>6.74  | n, mg/L<br>Average<br>6.74   | Dissolve<br>a<br>106.3  | Ambier<br>d Oxyger<br>b<br>106.3  | nt Tempera<br>n, %<br>Average<br>106.3  | ature,°C:<br>Salinity,<br>a<br>31.6  | 32<br>ppt<br>b<br>31.6   | Turbidity<br>a<br>1.24   | ז ( <u>, NTU</u><br>b<br>1.31   | Average  | Mid-Ebb  | 8  | Depth<br>Average<br>12             | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13   | No. CV/2004/<br>22/9/2005<br>Sea | 02 Recons                                  | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | Vong She<br>(eather C<br>a<br>29.7<br>29.5<br>29.4<br>29.3  | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3   | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78                                 | d Oxyger<br>b<br>6.74<br>6.76<br>6.91<br>6.83                                | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86                                 | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7   | Ambieu<br>d Oxyger<br>b<br>106.3<br>106.5<br>108.6<br>108.3                                   | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3  | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.5<br>31.6  | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.5<br>31.6                                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15   | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09  | Fide State:  | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25                                     | 8<br>15<br>13<br>18  | Depth<br>Average                   | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17  | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4                   | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13                         | d Oxyge<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12                         | n, mg/L<br>Average<br>6.74<br>6.77   | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3                                     | Ambien<br>d Oxygen<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0                           | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6   | ature, °C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.9   | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3                                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95                                 | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09<br>0.99  | Average  | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18                               | 8<br>15<br>13<br>18<br>12                                    | Depth<br>Average<br>12             | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13   | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4                   | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5  | Vong She<br>(eather C<br>a<br>29.7<br>29.5<br>29.4<br>29.3  | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3   | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78                                 | d Oxyger<br>b<br>6.74<br>6.76<br>6.91<br>6.83                                | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86                                 | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7   | Ambieu<br>d Oxyger<br>b<br>106.3<br>106.5<br>108.6<br>108.3                                   | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3  | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.5<br>31.6  | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.5<br>31.6                                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15   | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09  | Average  | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25                                     | 8<br>15<br>13<br>18  | Depth<br>Average<br>12             | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17  | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4                   | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13                         | d Oxyge<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12                         | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13                         | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3                                     | Ambien<br>d Oxygen<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0                           | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2                                    | ature, °C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.9   | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3                                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95                                 | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09<br>0.99  | Average  | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18                               | 8<br>15<br>13<br>18<br>12                                    | Depth<br>Average<br>12             | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S                                     | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43                                     | No. CV/2004/<br>22/9/2005<br>Sea | O2 Recons<br>Overall<br>Depth, m<br>4<br>9 | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8   | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9   | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13                         | d Oxyge<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12                         | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13                         | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3                                     | Ambien<br>d Oxygen<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0                           | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2                                    | ature, °C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.9   | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3                                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95                                 | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09<br>0.99  | Average<br>1.04<br>1.18                              | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18                               | 8<br>15<br>13<br>18<br>12                                    | Depth<br>Average<br>12<br>17       | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M                            | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43<br>12:49                            | No. CV/2004/<br>22/9/2005<br>Sea | O2 Recons<br>Overall<br>Depth, m<br>4<br>9 | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>1<br>3<br>1<br>4.5<br>8<br>1                                 | Vong She<br>/eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1   | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1                                 | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13<br>6.64                 | d Oxyger<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12<br>6.62                | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13<br>6.63<br>6.66         | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3<br>104.8                            | Ambien<br>d Oxygen<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0<br>104.8                  | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2<br>104.8<br>104.9                  | ature,°C:<br><u>Salinity,</u><br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.9<br>31.5                           | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3<br>31.5<br>31.5                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95<br>1.24                         | , NTU<br>b<br>1.31<br>0.90<br>1.43<br>1.09<br>0.99<br>1.14  | Average<br>1.04<br>1.18                              | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18<br>23                         | 8<br>15<br>13<br>18<br>12<br>19                              | Depth<br>Average<br>12<br>17       | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                   | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43<br>12:49<br>12:54                   | No. CV/2004/<br>22/9/2005<br>Sea | O2 Recons<br>Overall<br>Depth, m<br>4<br>9 | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>1<br>4.5<br>8<br>1<br>1<br>2                                 | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.0                                 | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.1                         | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13<br>6.64<br>6.65         | d Oxygei<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12<br>6.62<br>6.62        | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13<br>6.63                 | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3<br>104.8<br>105.0                   | Ambiel<br>d <u>Oxygen</u><br>b<br>106.3<br>108.6<br>108.6<br>108.3<br>95.0<br>104.8<br>104.8  | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2<br>104.8                           | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.9<br>31.5<br>31.6                          | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3<br>31.5<br>31.6                 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95<br>1.24<br>1.02                 | I.31           0.90           1.43           0.99           1.14           1.01   | Average<br>1.04<br>1.18                              | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18<br>23<br>11                   | 8<br>15<br>13<br>18<br>12<br>19<br>12                        | Depth<br>Average<br>12<br>17       | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S          | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43<br>12:49<br>12:54<br>12:54<br>12:21 | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3         | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1                  | Vong She<br>/eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.1<br>29.0<br>29.0<br>29.9         | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.1<br>29.1<br>29.1         | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13<br>6.64<br>6.65<br>7.03 | d Oxyge<br>b<br>6.74<br>6.76<br>6.91<br>6.83<br>6.12<br>6.62<br>6.67<br>7.03 | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13<br>6.63<br>6.66         | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3<br>104.8<br>105.0<br>110.7          | Ambiel<br>d Oxyge<br>b<br>106.5<br>108.6<br>108.8<br>95.0<br>104.8<br>104.8<br>110.8          | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2<br>104.8<br>104.9                  | ature, °C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.5 | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3<br>31.6<br>31.6<br>31.6         | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95<br>1.24<br>1.02<br>1.12         | 1.31<br>0.90<br>1.43<br>1.09<br>0.99<br>1.14<br>1.01<br>1.13  | Average           1.04           1.18           1.10 | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18<br>23<br>11<br>11<br>15       | 8<br>15<br>13<br>18<br>12<br>19<br>12<br>12<br>16            | Depth<br>Average<br>12<br>17<br>17 | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 B<br>CW1 S | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43<br>12:49<br>12:54<br>12:21<br>12:24 | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3         | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5                  | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.0<br>29.0<br>29.0<br>29.9<br>28.1 | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.1<br>29.1<br>29.9<br>28.1 | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13<br>6.64<br>7.03<br>7.01 | d Oxyge<br>b<br>6.74<br>6.76<br>6.83<br>6.83<br>6.12<br>6.62<br>7.03<br>7.03 | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13<br>6.63<br>6.66<br>7.03 | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3<br>104.8<br>105.0<br>110.7<br>110.4 | Ambiel<br>d Oxyge<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0<br>104.8<br>110.4<br>110.1 | nt Temperan<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2<br>104.8<br>104.9<br>110.5        | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.6  | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3<br>31.6<br>31.6<br>31.6<br>31.6 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95<br>1.24<br>1.02<br>1.12<br>0.70 | 1           0.90           1.31           0.90           1.43           1.09           0.99           1.14           1.01           1.13           0.50 | Average           1.04           1.18           1.10 | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18<br>23<br>11<br>15<br>18<br>18 | 8<br>8<br>15<br>13<br>18<br>12<br>19<br>19<br>12<br>16<br>17 | Depth<br>Average<br>12<br>17<br>17 | Remarks  |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 S<br>CW1 B | Sampling:<br>Time<br>12:32<br>12:35<br>12:39<br>12:09<br>12:13<br>12:17<br>12:43<br>12:49<br>12:54<br>12:21<br>12:22 | No. CV/2004/<br>22/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3<br>10   | truction of V<br>W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>4.5<br>8<br>1<br>2<br>1<br>5<br>9 | Vong She<br>(eather C<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.0<br>29.0<br>29.0<br>29.9<br>28.1 | k and Ko<br>ondition:<br>ature, °C<br>b<br>29.7<br>29.5<br>29.4<br>29.3<br>28.9<br>29.1<br>29.1<br>29.1<br>29.9<br>28.1 | Sunny<br>Dissolve<br>a<br>6.74<br>6.77<br>6.92<br>6.78<br>6.13<br>6.64<br>7.03<br>7.01 | d Oxyge<br>b<br>6.74<br>6.91<br>6.83<br>6.12<br>6.62<br>6.62<br>7.03<br>3.20 | n, mg/L<br>Average<br>6.74<br>6.77<br>6.86<br>6.13<br>6.63<br>6.66<br>7.03 | Dissolve<br>a<br>106.3<br>106.7<br>108.6<br>107.7<br>95.3<br>104.8<br>105.0<br>110.7<br>110.4 | Ambiel<br>d Oxyge<br>b<br>106.3<br>106.5<br>108.6<br>108.3<br>95.0<br>104.8<br>110.4<br>110.1 | nt Tempera<br>n, %<br>Average<br>106.3<br>106.6<br>108.3<br>95.2<br>104.8<br>104.9<br>110.5<br>62.3 | ature,°C:<br>Salinity,<br>a<br>31.6<br>31.6<br>31.5<br>31.6<br>31.5<br>31.6<br>31.6<br>31.6<br>31.6<br>31.6  | 32<br>ppt<br>b<br>31.6<br>31.5<br>31.5<br>31.6<br>31.3<br>31.6<br>31.6<br>31.6<br>31.6 | Turbidity<br>a<br>1.24<br>0.72<br>1.48<br>1.15<br>0.95<br>1.24<br>1.02<br>1.12<br>0.70 | 1           0.90           1.31           0.90           1.43           1.09           0.99           1.14           1.01           1.13           0.50 | Average           1.04           1.18           1.10 | Mid-Ebb<br>Suspend<br>11<br>12<br>14<br>25<br>18<br>23<br>11<br>15<br>18<br>6  | 8<br>8<br>15<br>13<br>18<br>12<br>19<br>12<br>16<br>17       | Depth<br>Average<br>12<br>17<br>17 | Remarks  |

Salinity Meter: Thermometer:

EM 6167

EM 6167 Calibration Check: 35.5 ppt

29/9/2005

Date:

|           |            | No. CV/2004/     |                     |                     |              |                |               |           |                    | -             |              | Kin Shing       |                |          |                |            | Job No.:                |         | •         |                  |         |
|-----------|------------|------------------|---------------------|---------------------|--------------|----------------|---------------|-----------|--------------------|---------------|--------------|-----------------|----------------|----------|----------------|------------|-------------------------|---------|-----------|------------------|---------|
| Date of   | Sampling:  | 24/9/2005        |                     |                     | eather C     |                |               |           |                    | -             |              | nt Temper       |                |          |                |            | Fide State:             |         |           |                  |         |
| Station   | Time       | Sea<br>Condition | Overall<br>Depth, m |                     | Tempera<br>a | ature, °C<br>b | Dissolve<br>a |           | n, mg/L<br>Average | Dissolve<br>a | d Oxyge<br>b | n, %<br>Average | Salinity,<br>a | ppt<br>b | Turbidity<br>a | , NTU<br>b | Average                 | Suspend | ded Solid | s, mg/L<br>Depth | Remarks |
|           |            | Condition        | Deptil, III         | Deptil,III          | a            | b              | a             | D         | Average            | a             | b            | Average         | a              | Б        | a              | U          | Average                 |         |           | Average          |         |
| MW1 S     |            |                  |                     | 1                   |              |                |               |           | "DIV (/OI          |               |              | #DIV/01         |                |          |                |            |                         |         |           |                  |         |
| MW1 M     |            |                  |                     | 0                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| MW1 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| MW2 S     |            |                  |                     | 1                   |              |                |               |           |                    |               |              |                 |                |          |                |            |                         |         |           |                  |         |
| MW2 M     |            |                  |                     | 0                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| MW2 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW1 S     |            |                  |                     | 1                   |              |                |               |           | #DIV//01           |               |              | #DIV/01         |                |          |                |            |                         |         |           |                  |         |
| CW1 M     |            |                  |                     | 0                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| CW1 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW2 S     |            |                  |                     | 1                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW2 M     |            |                  |                     | 0                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| CW2 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| * No.3 Ty | phoon sigr | nal ceased the   | e constructi        | ion in 24-9-(       | )5           |                |               |           |                    |               |              |                 |                |          |                |            |                         |         |           |                  |         |
| Equipmer  | it used:   | Dissolved O      | kygen Mete          | er:                 | EM           | 6167           |               | Calibrati | on Check:          |               | 100          | 100%:           |                |          |                |            | Sampled                 | By:     | Pong      |                  |         |
|           |            | Turbidity Me     | er:                 |                     | EM           | 2365           |               | Calibrati | on Check:          |               |              | NTU             |                |          |                |            | Checked                 | By:     | Raymon    | d Dai            |         |
|           |            | Salinity Mete    | r:                  |                     | EM           | 6167           |               | Calibrati | on Check:          |               |              | ppt             |                |          |                |            | Date:                   |         | 1/10/200  | )5               |         |
|           |            | Thermomete       | r:                  |                     | EM           | 6167           |               |           |                    |               |              |                 |                |          |                |            |                         |         |           |                  |         |
| Project:  | Contract   | No. CV/2004/     | 12 Pecone           | truction of V       | Vong She     | k and Ko       | l au Wa       | n Public  | Piers              |               | Client:      | Kin Shing       | Constru        | ction Co | Ltd            |            | loh No :                | 1420    |           |                  |         |
|           |            |                  |                     |                     | /eather C    |                |               |           | FIEIS              | -             |              | nt Temper       |                |          |                |            | Job No.:<br>Fide State: |         |           |                  |         |
|           | -          | 24/9/2005        |                     |                     |              |                |               |           |                    |               |              |                 |                |          |                |            | nue State.              |         |           |                  |         |
| Station   | Time       | Sea<br>Condition | Overall<br>Depth, m | Sampling<br>Depth,m | Tempera<br>a | ature, °C<br>b | Dissolve<br>a |           | n, mg/L<br>Average | Dissolve      |              | n, %<br>Average | Salinity,<br>a | ppt<br>b | Turbidity<br>a |            | Average                 | Suspend | ded Solid | s, mg/L<br>Depth | Remarks |
|           |            | 1                |                     |                     |              |                |               |           |                    |               |              |                 |                |          |                |            |                         |         | 1         | Average          |         |
| MW1 S     |            | -                |                     | 1                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| MW1 M     |            |                  |                     | 0                   |              |                |               |           |                    |               |              |                 |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| MW1 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| MW2 S     |            |                  |                     | 1                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| MW2 M     |            |                  |                     | 0                   |              |                |               |           | <i>"</i> Bittio    |               |              | <i>"</i> B.0,0. |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| MW2 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW1 S     |            |                  |                     | 1                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW1 M     |            |                  |                     | 0                   |              |                |               |           |                    |               |              |                 |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| CW1 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW2 S     |            |                  |                     | 1                   |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| CW2 M     |            |                  |                     | 0                   |              |                |               |           | #UIV/U!            |               |              | ויע#///0!       |                |          |                |            | #DIV/0!                 |         |           | #DIV/0!          |         |
| CW2 B     |            |                  |                     | -1                  |              |                |               |           | #DIV/0!            |               |              | #DIV/0!         |                |          |                |            |                         |         |           |                  |         |
| * No.3 Ty | phoon sigr | nal ceased the   | construct           | ion in 24-9-(       | 05           |                |               |           |                    |               |              |                 |                |          |                |            |                         |         |           |                  |         |
| Equipmer  | it used:   | Dissolved O      | kygen Mete          | er:                 | EM           | 6167           |               | Calibrati | on Check:          |               | 100          | 100%:           |                |          |                |            | Sampled                 | By:     | Pong      |                  |         |
|           |            | Turbidity Me     | er:                 |                     | EM           | 2365           |               | Calibrati | on Check:          |               | 0            | NTU             |                |          |                |            | Checked                 | By:     | Raymon    | d Dai            |         |

Salinity Meter: Thermometer:

EM 6167

Calibration Check:

0 ppt \_

Date:

1/10/2005

|   | Contract  | No. CV/2004/0    | 2 11000113   |  | rong one   |   | Lad Ira   |  | 1010  | •  | Onorit.   | <u></u>   | Conotad   | ction Co.  | . 210.   |  | Job No.:  |  | •   |   |         |
|---|---|------------------|--|--|--|---|---|--|---|--|---|---|---|--|--|--|---|--|---|---|---------|
| Date of   | Sampling:   | 26/9/2005        |  | W  | eather C   | ondition:   | Raining   |  |   |  | Ambie   | nt Tempera  | ature,ºC:   | 28   |  | ۱<br>۱   | ide State:  | Mid-Floo   | bd  |   |         |
| Station   | Time  | Sea<br>Condition | Overall<br>Depth, m  | Sampling<br>Depth.m  | Tempera<br>a   | ature, °C<br>b  | Dissolve<br>a   | d Oxygei<br>b  | n, mg/L<br>Average  | Dissolve<br>a  | ,,,   | n, %<br>Average   | Salinity,<br>a  | ppt<br>b   | Turbidity<br>a   |  | Average   | Suspend  | ded Solid   | s, mg/L<br>Depth                                  | Remarks |
|   |   | Condition        | Deptil, III  | Deptil,ill   | a  | D   | a   | b  | Average   | a  | 5   | Average   | a   | 5  | a  | b  | Average   |  |   | Average   |         |
| MW1 S   | 16:16   |                  |  | 1  | 29.0   | 29.0  | 6.52  | 6.54   | 6.17  | 95.9   | 96.2  | 92.1  | 28.0  | 28.1   | 1.67   | 1.72   |   | 18   | 18  |   |         |
| MW1 M   | 16:22   |                  | 5  | 2.5  | 27.9   | 28.0  | 5.80  | 5.82   | 0.17  | 88.2   | 87.9  | 52.1  | 30.2  | 30.3   | 2.30   | 2.36   | 2.17  | 13   | 11  | 17  |         |
| MW1 B   | 16:29   |                  |  | 4  | 27.5   | 27.4  | 5.62  | 5.60   | 5.61  | 86.0   | 85.9  | 86.0  | 30.3  | 30.3   | 2.46   | 2.50   |   | 20   | 19  |   |         |
| MW2 S   | 16:40   |                  |  | 1  | 26.8   | 26.9  | 6.23  | 6.25   |   | 91.7   | 91.5  |   | 28.6  | 28.6   | 0.73   | 0.75   |   | 13   | 11  |   |         |
| MW2 M   | 16:47   |                  | 10   | 5  | 27.6   | 27.6  | 5.88  | 5.91   | 6.07  | 88.4   | 88.2  | 90.0  | 30.5  | 30.6   | 0.98   | 0.99   | 1.16  | 17   | 14  | 14  |         |
| MW2 B   | 16:50   |                  |  | 9  | 27.7   | 27.7  | 5.84  | 5.81   | 5.83  | 87.4   | 87.6  | 87.5  | 30.5  | 30.5   | 1.73   | 1.80   |   | 12   | 19  |   |         |
| CW1 S   | 15:47   |                  |  | 1  | 27.0   | 27.0  | 6.41  | 6.40   |   | 93.9   | 94.0  |   | 28.8  | 28.8   | 1.08   | 1.12   |   | 17   | 17  |   |         |
| CW1 M   |   |                  | 4  |  |  |   |   |  | 6.41  |  |   | 94.0  |   |  |  |  | 1.27  |  |   | 14  |         |
| CW1 B   | 15:50   |                  |  | 3  | 27.5   | 27.5  | 6.05  | 6.01   | 6.03  | 90.4   | 90.7  | 90.6  | 30.3  | 30.3   | 1.44   | 1.45   |   | 9  | 12  |   |         |
| CW2 S   | 15:56   |                  |  | 1  | 27.0   | 27.0  | 6.53  | 6.54   |   | 95.8   | 95.7  |   | 27.7  | 27.8   | 0.79   | 0.82   |   | 10   | 12  |   |         |
| CW2 M   | 15:59   |                  | 11   | 5.5  | 27.5   | 27.5  | 6.00  | 6.02   | 6.27  | 90.3   | 90.5  | 93.1  | 30.1  | 30.1   | 1.21   | 1.25   | 1.13  | 9  | 8   | 13  |         |
| CW2 B   | 16:10   |                  |  | 10   | 27.6   | 27.6  | 5.82  | 5.81   | 5.82  | 87.4   | 87.6  | 87.5  | 30.5  | 30.6   | 1.34   | 1.36   |   | 16   | 20  |   |         |
|   |   |                  |  |  |  |   |   |  |   |  |   |   |   |  |  |  |   |  |   |   |         |
| Equipmer  | t used:   | Dissolved Ox     | kygen Mete   | ər:  | EM   | 6167  |   | Calibrati  | on Check:   |  | 100   | 100%:   |   |  |  |  | Sampled I   | By:  | Pong  |   |         |
|   |   | Turbidity Met    | er:  |  | EM   | 2365  |   | Calibrati  | on Check:   |  | 9.9   | NTU   |   |  |  |  | Checked I   | By:  | Raymon  | d Dai   |         |
|   |   | Salinity Mete    | r:   |  | EM   | 6167  |   | Calibrati  | on Check:   |  | 35.2  | ppt   |   |  |  |  | Date:   |  | 3/10/200  | )5  |         |
|   |   | Thermomete       | r:   |  | EM   | 6167  |   |  |   |  |   |   |   |  |  |  |   |  |   |   |         |
|   |   |                  |  |  |  |   |   |  |   |  |   |   |   |  |  |  |   |  |   |   |         |
|   |   |                  |  |  |  |   |   |  |   |  |   |   |   |  |  |  |   |  |   |   |         |
| Project:  | Contract I  | No. CV/2004/0    | )2 Recons  | truction of W  | /ong She   | ek and Ko   | Lau Wa  | n Public   | Piers   |  | Client:   | Kin Shing   | Constru   | ction Co.  | , Ltd.   |  | Job No.:  | J429   |   |   |         |
|   |   | No. CV/2004/0    |  |  |  | ek and Ko   |   | n Public   | Piers   |  |   | Kin Shing   |   |  |  |  | Job No.:<br>ide State:  |  |   |   |         |
|   |   | 26/9/2005<br>Sea | Overall  | Sampling   | eather C   | ondition:<br>ature, °C  | Raining<br>Dissolve   | d Oxyge  | n, mg/L   | Dissolve   | Ambier<br>d Oxyger  | nt Tempera  | ature,°C:<br>Salinity,  | 28<br>ppt  | Turbidity  | T<br>, NTU   | ide State:  | Mid-Ebb  | ded Solid   |   | Remarks |
| Date of   | Sampling:   | 26/9/2005        |  | Sampling   | eather C   | ondition:   | Raining   |  |   |  | Ambier<br>d Oxyger  | nt Tempera  | ature,⁰C:   | 28   |  | T<br>, NTU   |   | Mid-Ebb  |   | s, mg/L<br>Depth<br>Average                       | Remarks |
| Date of   | Sampling:   | 26/9/2005<br>Sea | Overall  | Sampling   | eather C   | ondition:<br>ature, °C  | Raining<br>Dissolve   | d Oxyge  | n, mg/L<br>Average  | Dissolve   | Ambier<br>d Oxyger  | nt Tempera<br>n, %<br>Average   | ature,°C:<br>Salinity,  | 28<br>ppt  | Turbidity  | T<br>, NTU   | ide State:  | Mid-Ebb  |   | Depth   | Remarks |
| Date of<br>Station  | Sampling:<br>Time   | 26/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m   | eather C   | ondition:<br>ature, °C<br>b   | Raining<br>Dissolve<br>a  | ed Oxygei<br>b   | n, mg/L   | Dissolve   | Ambier<br>d Oxyger<br>b   | nt Tempera  | ature,⁰C:<br>Salinity,<br>a   | 28<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b   | ide State:  | Mid-Ebb  | ded Solid   | Depth   | Remarks |
| Date of<br>Station<br>MW1 S   | Sampling:<br>Time   | 26/9/2005<br>Sea | Overall<br>Depth, m  | W<br>Sampling<br>Depth,m   | eather C   | ondition:<br>ature, °C<br>b   | Raining<br>Dissolve<br>a  | ed Oxygei<br>b   | n, mg/L<br>Average  | Dissolve   | Ambier<br>d Oxyger<br>b   | nt Tempera<br>n, %<br>Average   | ature,⁰C:<br>Salinity,<br>a   | 28<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b   | ide State:<br>Average   | Mid-Ebb  | ded Solid   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M  | Sampling:<br>Time<br>10:40  | 26/9/2005<br>Sea | Overall<br>Depth, m  | W<br>Sampling<br>Depth,m<br>1  | Tempera<br>a<br>27.0   | ondition:<br>ature, °C<br>b<br>27.0   | Raining<br>Dissolve<br>a<br>6.86  | b<br>6.85  | n, mg/L<br>Average<br>6.86<br>6.24  | Dissolve<br>a<br>100.8   | Ambier<br>d Oxyger<br>b<br>100.6  | nt Tempera<br>Average<br>100.7<br>99.1  | ature,°C:<br>Salinity,<br>a<br>28.4   | 28<br>ppt<br>b<br>28.4   | Turbidity<br>a<br>1.35   | ז ( <u>, NTU</u><br>b<br>1.38                                | ide State:<br>Average   | Mid-Ebb  | ded Solid   | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B   | Sampling:<br>Time<br>10:40<br>10:46   | 26/9/2005<br>Sea | Overall<br>Depth, m  | W<br>Sampling<br>Depth,m<br>1<br>3   | reather C<br>Tempera<br>a<br>27.0<br>27.4  | ondition:<br>ature, °C<br>b<br>27.0<br>27.5   | Raining<br>Dissolve<br>a<br>6.86<br>6.23  | d Oxyger<br>b<br>6.85<br>6.25  | n, mg/L<br>Average<br>6.86  | Dissolve<br>a<br>100.8<br>99.0   | Ambiei<br>d Oxyger<br>b<br>100.6<br>99.2  | nt Tempera<br>n, %<br>Average<br>100.7  | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1   | 28<br>ppt<br>b<br>28.4<br>30.1   | Turbidity<br>a<br>1.35<br>2.20   | , NTU<br>b<br>1.38<br>2.23                                   | ide State:<br>Average   | Mid-Ebb<br>Suspend<br>19<br>10   | 19<br>11  | Depth<br>Average                                  | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S  | Sampling:<br>Time<br>10:40<br>10:46<br>10:52  | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>1  | reather C<br>Tempera<br>27.0<br>27.4<br>27.0   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0   | Raining<br>Dissolve<br>a<br>6.86<br>6.23<br>6.34  | d Oxygei<br>b<br>6.85<br>6.25<br>6.37  | n, mg/L<br>Average<br>6.86<br>6.24  | Dissolve<br>a<br>100.8<br>99.0<br>99.2   | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4  | nt Tempera<br>Average<br>100.7<br>99.1  | ature, °C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5  | 28<br>ppt<br>28.4<br>30.1<br>28.5  | Turbidity<br>a<br>1.35<br>2.20   | , NTU<br>b<br>1.38<br>2.23                                   | ide State:<br>Average<br>1.79                                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18   | 19<br>11<br>17  | Depth<br>Average<br>15                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M   | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58   | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5   | /eather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6   | Raining<br>Dissolve<br>a<br>6.86<br>6.23<br>6.34<br>6.10  | 6.85<br>6.25<br>6.37<br>6.12   | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81  | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5   | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4<br>92.3  | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2  | ature, °C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8  | 28<br>ppt<br>28.4<br>30.1<br>28.5<br>30.8  | Turbidity<br>a<br>1.35<br>2.20<br>1.17   | , NTU<br>b<br>1.38<br>2.23<br>1.20                           | ide State:<br>Average<br>1.79                                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16   | 19<br>11<br>11<br>17<br>19  | Depth<br>Average<br>15                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B  | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10  | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | leather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8   | Raining<br>Dissolve<br>a<br>6.86<br>6.23<br>6.34<br>6.10<br>5.82  | 6.85<br>6.25<br>6.37<br>6.12<br>5.80   | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23  | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4                                  | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0  | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9  | ature, °C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9                                | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9                                 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28                                 | 7<br>, NTU<br>b<br>1.38<br>2.23<br>1.20<br>1.30              | ide State:<br>Average<br>1.79                                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12   | 19<br>11<br>17<br>19<br>13  | Depth<br>Average<br>15                            | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S   | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10  | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | leather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8   | Raining<br>Dissolve<br>a<br>6.86<br>6.23<br>6.34<br>6.10<br>5.82  | 6.85<br>6.25<br>6.37<br>6.12<br>5.80   | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81  | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4                                  | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0  | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2  | ature, °C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9                                | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9                                 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28                                 | 7<br>, NTU<br>b<br>1.38<br>2.23<br>1.20<br>1.30              | Tide State:<br>Average<br>1.79<br>1.24                              | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12   | 19<br>11<br>17<br>19<br>13  | Depth<br>Average<br>15<br>16                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M   | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30   | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1  | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.8<br>27.1   | Raining           Dissolve           a           6.86           6.23           6.34           6.10           5.82           6.93  | d Oxygen<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94  | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94                                      | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8                         | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9                                       | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9   | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9                         | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0                         | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59                         | , NTU<br>b<br>1.38<br>2.23<br>1.20<br>1.30<br>1.62           | Tide State:<br>Average<br>1.79<br>1.24                              | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18                                       | 19<br>19<br>11<br>17<br>19<br>13<br>23  | Depth<br>Average<br>15<br>16                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                                     | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36  | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4   | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2   | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.1<br>27.5                                 | ondition:<br>ature, C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.1<br>27.5<br>27.1  | Raining           Dissolve           a           6.86           6.23           6.34           6.10           5.82           6.93           6.14                               | d Oxyge<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16   | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94                                      | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8                 | Ambien<br>d Oxygen<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0                               | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9   | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1                 | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1                 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16                 | 1.38<br>2.23<br>1.20<br>1.62<br>2.18                         | Tide State:<br>Average<br>1.79<br>1.24                              | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31                                 | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23                                      | Depth<br>Average<br>15<br>16                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S                            | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36<br>11:16                                 | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3   | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1                                 | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.5<br>27.4                                 | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.8<br>27.1<br>27.5<br>27.4                                 | Raining           Dissolve           a           6.86           6.23           6.34           6.34           6.34           6.34           6.33           6.41           6.28 | d Oxyger<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16<br>6.30  | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94<br>6.15                              | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8<br>94.2         | Ambiel<br>d Oxyge<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0<br>92.0                        | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9<br>91.9                                 | ature, °C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1<br>29.9        | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1<br>29.9         | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16<br>1.49         | 1.38<br>1.38<br>1.20<br>1.30<br>1.62<br>2.18<br>1.47         | ide State:<br>Average<br>1.79<br>1.24<br>1.89                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31<br>31                           | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23<br>23<br>18                          | Depth<br>Average<br>15<br>16<br>24                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36<br>11:16<br>11:20<br>11:31               | 26/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3<br>10                                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9                       | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.5<br>27.4<br>27.5                         | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.1<br>27.5<br>27.4<br>27.5                                 | Raining<br>Dissolve<br>a<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23  | d Oxygei<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16<br>6.30<br>6.04  | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94<br>6.15<br>6.17                      | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8<br>94.2<br>90.7 | Ambiel<br>d Oxyge<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0<br>93.9<br>91.0                | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9<br>91.9<br>92.5                         | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1<br>29.9<br>30.1 | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1<br>29.9<br>30.2 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16<br>1.49<br>1.78 | 1.38<br>2.23<br>1.20<br>1.30<br>1.62<br>2.18<br>1.47<br>1.80 | ide State:<br>Average<br>1.79<br>1.24<br>1.89                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31<br>16<br>12                     | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23<br>23<br>18<br>17                    | Depth<br>Average<br>15<br>16<br>24                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36<br>11:16<br>11:20<br>11:31<br>phoon sign | 26/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>ater monito                      | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9<br>rring.        | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.5<br>27.4<br>27.5                         | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.1<br>27.5<br>27.4<br>27.5                                 | Raining<br>Dissolve<br>a<br>6.23<br>6.23<br>6.34<br>6.10<br>5.82<br>6.33<br>6.14<br>6.28<br>6.28<br>6.07<br>5.96  | d Oxyger<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16<br>6.30<br>6.04<br>5.97                                      | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94<br>6.15<br>6.17                      | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8<br>94.2<br>90.7 | Ambiel<br>d Oxyge<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0<br>93.9<br>91.0                | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9<br>91.9<br>92.5<br>89.4                 | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1<br>29.9<br>30.1 | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1<br>29.9<br>30.2 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16<br>1.49<br>1.78 | 1.38<br>2.23<br>1.20<br>1.30<br>1.62<br>2.18<br>1.47<br>1.80 | ide State:<br>Average<br>1.79<br>1.24<br>1.89                       | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31<br>16<br>12<br>12<br>12<br>12   | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23<br>23<br>18<br>17                    | Depth<br>Average<br>15<br>16<br>24                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36<br>11:16<br>11:20<br>11:31<br>phoon sign | 26/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>ater monito                      | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9<br>rring.<br>ar: | reather C<br>Tempera<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.5<br>27.4<br>27.5<br>27.4<br>27.5<br>27.6 | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.6<br>27.8<br>27.1<br>27.5<br>27.4<br>27.5<br>27.4<br>27.5<br>27.6 | Raining<br>Dissolve<br>a<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23<br>6.23  | d Oxygei<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16<br>6.30<br>6.04<br>5.97<br>Calibrati                         | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94<br>6.15<br>6.17<br>5.97              | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8<br>94.2<br>90.7 | Ambiel<br>d Oxyge<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0<br>93.9<br>91.0<br>88.0        | nt Temperan<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9<br>91.9<br>92.5<br>89.4<br>100%:       | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1<br>29.9<br>30.1 | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1<br>29.9<br>30.2 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16<br>1.49<br>1.78 | 1.38<br>2.23<br>1.20<br>1.30<br>1.62<br>2.18<br>1.47<br>1.80 | ide State:<br>Average<br>1.79<br>1.24<br>1.89<br>1.70               | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31<br>16<br>12<br>12<br>12<br>89y: | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23<br>23<br>18<br>17<br>17              | Depth<br>Average<br>15<br>16<br>24<br>15          | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 S<br>CW2 M<br>CW2 B | Sampling:<br>Time<br>10:40<br>10:46<br>10:52<br>10:58<br>11:10<br>10:30<br>10:36<br>11:16<br>11:20<br>11:31<br>phoon sign | 26/9/2005        | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>ater monito<br>sygen Mete<br>er: | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9<br>rring.<br>ar: | Tempera<br>a<br>27.0<br>27.4<br>27.0<br>27.6<br>27.7<br>27.1<br>27.5<br>27.4<br>27.5<br>27.4<br>27.5<br>27.6<br>EM   | ondition:<br>ature, °C<br>b<br>27.0<br>27.5<br>27.0<br>27.6<br>27.8<br>27.1<br>27.5<br>27.4<br>27.5<br>27.4<br>27.5<br>27.6<br>6167 | Raining<br>Dissolve<br>a<br>6.23<br>6.23<br>6.34<br>6.10<br>5.82<br>6.33<br>6.14<br>6.28<br>6.28<br>6.28<br>6.14  | d Oxyger<br>b<br>6.85<br>6.25<br>6.37<br>6.12<br>5.80<br>6.94<br>6.16<br>6.30<br>6.94<br>6.16<br>6.30<br>6.04<br>5.97<br>Calibrati | n, mg/L<br>Average<br>6.86<br>6.24<br>6.23<br>5.81<br>6.94<br>6.15<br>6.17<br>5.97<br>on Check: | Dissolve<br>a<br>100.8<br>99.0<br>99.2<br>92.5<br>8.4<br>101.8<br>91.8<br>94.2<br>90.7 | Ambiel<br>d Oxyge<br>b<br>100.6<br>99.2<br>99.4<br>92.3<br>84.0<br>101.9<br>92.0<br>93.9<br>91.0<br>88.0<br>100 | nt Tempera<br>n, %<br>Average<br>100.7<br>99.1<br>95.9<br>46.2<br>101.9<br>91.9<br>92.5<br>89.4<br>100%:<br>NTU | ature,°C:<br>Salinity,<br>a<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>28.9<br>36.1<br>29.9<br>30.1 | 28<br>ppt<br>b<br>28.4<br>30.1<br>28.5<br>30.8<br>30.9<br>29.0<br>30.1<br>29.9<br>30.2 | Turbidity<br>a<br>1.35<br>2.20<br>1.17<br>1.28<br>1.59<br>2.16<br>1.49<br>1.78 | 1.38<br>2.23<br>1.20<br>1.30<br>1.62<br>2.18<br>1.47<br>1.80 | Tide State:<br>Average<br>1.79<br>1.24<br>1.89<br>1.70<br>Sampled I | Mid-Ebb<br>Suspend<br>19<br>10<br>18<br>16<br>12<br>18<br>31<br>16<br>12<br>12<br>12<br>89y: | 19<br>19<br>11<br>17<br>19<br>13<br>23<br>23<br>23<br>18<br>17<br>17<br>7<br>Pong | Depth<br>Average<br>15<br>16<br>24<br>15<br>d Dai | Remarks |

| Project:   | Contract  | No. CV/2004/     | 02 Recons  | truction of V  | Vong She   | ek and Ko   | Lau Wa  | n Public  | Piers  | -   | Client:  | Kin Shing   | Constru  | ction Co.  | , Ltd.   | •   | Job No.:  | J429   | -  |   |              |
|--|---|------------------|--|--|--|---|---|---|--|---|--|---|--|--|--|---|---|--|--|---|--------------|
| Date of  | Sampling:   | 28/9/2005        |  | W  | /eather C  | ondition:   | Sunny   |   |  | -   | Ambie  | nt Temper   | ature,°C:  | 28   |  | . 1   | Fide State:   | Mid-Floo   | bd   | _   |              |
| Station  | Time  | Sea              | Overall  | Sampling   | Tempera  | ature, °C   | 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   |  |  | Depth<br>Average                              |              |
| MW1 S  | 15:18   |                  |  | 1  | 28.4   | 28.3  | 4.86  | 4.85  |  | 75.4  | 75.5   |   | 30.6   | 30.8   | 1.34   | 1.35  |   | 17   | 13   |   |              |
| MW1 M  | 15:25   | -                | 5  | 2.5  | 28.0   | 27.9  | 3.68  | 3.62  | 4.25   | 64.2  | 64.1   | 69.8  | 30.7   | 30.7   | 2.02   | 2.01  | 2.10  | 17   | 19   | 19  |              |
| MW1 B  | 15:32   |                  |  | 4  | 27.9   | 27.9  | 3.04  | 3.03  | 3.04   | 57.9  | 57.8   | 57.9  | 31.8   | 31.9   | 2.93   | 2.92  |   | 22   | 25   |   |              |
| MW2 S  | 15:39   |                  |  | 1  | 28.3   | 28.3  | 4.48  | 4.47  |  | 72.7  | 72.6   |   | 30.2   | 30.1   | 1.34   | 1.33  |   | 19   | 18   |   |              |
| MW2 M  | 15:47   |                  | 10   | 5  | 27.9   | 27.9  | 3.38  | 3.37  | 3.93   | 61.5  | 61.4   | 67.1  | 31.0   | 30.9   | 1.85   | 1.83  | 1.88  | 20   | 22   | 17  |              |
| MW2 B  | 15:55   |                  |  | 9  | 27.1   | 27.2  | 2.64  | 2.62  | 2.63   | 52.0  | 51.8   | 51.9  | 31.3   | 31.2   | 2.46   | 2.44  |   | 9  | 11   |   |              |
| CW1 S  | 15:06   |                  |  | 1  | 27.5   | 27.6  | 4.02  | 4.05  | 4.04   | 68.4  | 68.5   | 68.5  | 30.4   | 30.5   | 1.29   | 1.27  |   | 15   | 12   |   |              |
| CW1 M  |   |                  | 4  |  |  |   |   |   | 4.04   |   |  | 00.0  |  |  |  |   | 1.63  |  |  | 17  |              |
| CW1 B  | 15:15   |                  |  | 3  | 27.8   | 27.8  | 3.67  | 3.64  | 3.66   | 64.2  | 64.0   | 64.1  | 30.6   | 30.6   | 1.98   | 1.97  |   | 21   | 20   |   |              |
| CW2 S  | 16:06   |                  |  | 1  | 28.4   | 28.3  | 4.47  | 4.46  | 3.96   | 72.9  | 72.8   | 67.6  | 30.8   | 30.7   | 1.23   | 1.20  |   | 20   | 22   |   |              |
| CW2 M  | 16:14   |                  | 11   | 5.5  | 26.7   | 26.7  | 3.45  | 3.44  | 3.90   | 62.4  | 62.3   | 07.0  | 31.2   | 31.1   | 2.09   | 2.06  | 1.85  | 22   | 17   | 21  |              |
| CW2 B  | 16:20   |                  |  | 10   | 25.2   | 25.3  | 2.78  | 2.76  | 2.77   | 55.7  | 55.6   | 55.7  | 32.5   | 32.4   | 2.26   | 2.24  |   | 22   | 21   |   |              |
|  |   |                  |  |  |  |   |   |   |  |   |  |   |  |  |  |   |   |  |  |   |              |
| Equipment used: Dissolved Oxygen Meter: <u>EM 6167</u> Calibration Check: <u>100</u> 100%: Sampled By: <u>P</u>                |   |                  |  |  |  |   |   |   |  |   | Pong   |   | <del>.</del>   |  |  |   |   |  |  |   |              |
|  | Turbidity Meter:  |                  |  |  | EM 2365 Calibration Check:   |   |   |   |  |   | 9.9  | -   |  |  |  |   | Checked   | By:  | Raymor   |   | <del>.</del> |
|  |   | Salinity Mete    | r:   |  | EM   | 6167  |   | Calibrati   | ion Check:   |   | 34.6   | ppt   |  |  |  |   | Date:   |  | 5/10/20  | 05  | -            |
|  |   | Thermomete       | r:   |  | 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   | I Constru  | ction Co.  | , Ltd.   |   | Job No.:  | J429   |  |   |              |
|  |   | No. CV/2004/     |  |  |  |   |   | n Public  | Piers  | -   |  | Kin Shing   |  |  |  | -   | Job No.:<br>Fide State:   |  | -<br>)   |   |              |
| Date of  | Sampling:   | 28/9/2005        |  | W  | /eather C  | ondition:   | Sunny   |   |  | <u>.</u>  | Ambie  | nt Temper   | ature,⁰C:  | 28   |  | . 1   | Job No.:<br>Fide State:   | Mid-Ebb  |  | -<br>15 ma/l                                  | Remarks      |
|  |   |                  |  | Sampling   | /eather C  |   | Sunny   |   |  | <u>.</u>  |  | nt Temper   |  | 28   |  | . 1   |   | Mid-Ebb  | -<br>ded Solid   | Depth   | Remarks      |
| Date of  | Sampling:   | 28/9/2005<br>Sea | Overall  | Sampling   | /eather C  | ondition:<br>ature, °C  | Sunny<br>Dissolve   | ed Oxyge  | n, mg/L  | Dissolve  | Ambie<br>d Oxyge   | nt Temper   | ature,°C:<br>Salinity,   | 28<br>ppt  | Turbidity  | , NTU   | Fide State:   | Mid-Ebb  |  |   | Remarks      |
| Date of<br>Station   | Sampling:<br>Time   | 28/9/2005<br>Sea | Overall  | W<br>Sampling<br>Depth,m   | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b   | n, mg/L  | Dissolve  | Ambie<br>d Oxyge<br>b  | nt Temper   | ature,°C:<br>Salinity,<br>a  | 28<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b  | Fide State:   | Mid-Ebb  | ded Solid  | Depth   | Remarks      |
| Date of<br>Station<br>MW1 S  | Sampling:<br>Time<br>10:11  | 28/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m   | /eather C<br>Tempera<br>a  | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a  | ed Oxyge<br>b   | n, mg/L<br>Average   | Dissolve  | Ambie<br>d Oxyge<br>b  | nt Temper<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a  | 28<br>ppt<br>b   | Turbidity<br>a   | , NTU<br>b  | Fide State:   | Mid-Ebb  | ded Solid  | Depth<br>Average                              | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M   | Sampling:<br>Time<br>10:11<br>10:15   | 28/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m   | /eather C<br>Tempera<br>a<br>27.3  | ondition:<br>ature, °C<br>b<br>27.2   | Sunny<br>Dissolve<br>a<br>4.82  | b<br>4.81   | n, mg/L<br>Average<br>4.82<br>4.43   | Dissolve<br>a<br>76.2   | Ambie<br>d Oxyge<br>b<br>76.0  | nt Temper<br>Average<br>76.1<br>72.1  | ature,°C:<br>Salinity,<br>a<br>30.5  | 28<br>ppt<br>b<br>30.6   | Turbidity<br>a<br>1.35   | 7, NTU<br>b<br>1.38   | Fide State:   | Mid-Ebb  | 17   | Depth<br>Average                              | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B  | Sampling:<br>Time<br>10:11<br>10:15<br>10:20  | 28/9/2005<br>Sea | Overall<br>Depth, m                                    | W<br>Sampling<br>Depth,m<br>1<br>3   | Veather C<br>Tempera<br>a<br>27.3<br>26.9  | ondition:<br>ature, °C<br>b<br>27.2<br>27.0   | Sunny<br>Dissolve<br>a<br>4.82<br>4.42  | d Oxyge<br>b<br>4.81<br>4.43  | n, mg/L<br>Average<br>4.82   | Dissolve<br>a<br>76.2<br>72.0   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2  | nt Temper<br>n, %<br>Average<br>76.1  | ature,°C:<br>Salinity,<br>a<br>30.5<br>31.4  | 28<br>ppt<br>b<br>30.6<br>31.5   | Turbidity<br>a<br>1.35<br>1.95   | r, NTU<br>b<br>1.38<br>1.98   | Fide State:   | Mid-Ebb<br>Suspend<br>15<br>14   | 17<br>17<br>17   | Depth<br>Average                              | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S   | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26   | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1  | /eather C<br>a<br>27.3<br>26.9<br>27.2   | ondition:<br>b<br>27.2<br>27.0<br>27.1  | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08  | n, mg/L<br>Average<br>4.82<br>4.43   | Dissolve<br>a<br>76.2<br>72.0<br>68.7   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5  | nt Temper<br>Average<br>76.1<br>72.1  | ature,°C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4  | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4   | Turbidity<br>a<br>1.35<br>1.95<br>0.81   | 7, NTU<br>b<br>1.38<br>1.98<br>0.85   | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10   | ded Solid<br>17<br>17<br>7   | Depth<br>Average<br>16                        | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M  | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32  | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5   | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5   | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4   | Sunny           Dissolve           a           4.82           4.42           4.09           3.65  | 4.81<br>4.43<br>4.08<br>3.64  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39                                 | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1  | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5  | ature,°C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7  | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8   | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50   | 7, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52   | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15   | ded Solid<br>17<br>17<br>17<br>7<br>19                             | Depth<br>Average<br>16                        | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B   | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37   | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8   | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.0   | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1   | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.40  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87   | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4  | nt Temper<br>Average<br>76.1<br>72.1<br>66.4  | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6                                 | 28<br>ppt b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7                                    | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26                                 | 7, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27                                 | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5                                      | ded Solid<br>17<br>17<br>17<br>7<br>19<br>7                        | Depth<br>Average<br>16                        | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S  | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37   | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8   | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.0   | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1   | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.40  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39                                 | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4  | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5  | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6                                 | 28<br>ppt b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7                                    | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26                                 | 7, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27                                 | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5                                      | ded Solid<br>17<br>17<br>17<br>7<br>19<br>7                        | Depth<br>Average<br>16<br>11                  | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M  | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52                                   | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1                                      | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.0<br>27.8   | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1<br>27.9   | Sunny           Dissolve           a           4.82           4.82           4.42           4.09           3.65           3.38           2.93 | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.40<br>2.90  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92<br>2.26                 | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5<br>57.2   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0  | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1<br>53.5                          | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0                         | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1                         | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73                         | 7, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75                         | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17                                | 17<br>17<br>17<br>19<br>7<br>11                                    | Depth<br>Average<br>16<br>11                  | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B                            | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52<br>9:55                           | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4                               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2                                 | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.5<br>26.0<br>27.8<br>27.8<br>27.1                         | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1<br>27.9<br>27.2                                 | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38<br>2.93<br>2.25  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.64<br>2.90<br>2.26  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92                         | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5<br>57.2<br>53.5   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0<br>53.4                                      | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1                                  | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0<br>32.5                 | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1<br>32.6                 | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73<br>1.26                 | r, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75<br>1.30                 | Average   | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17<br>27                          | 17<br>17<br>17<br>19<br>7<br>11<br>11<br>25                        | Depth<br>Average<br>16<br>11                  | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S                   | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52<br>9:55<br>9:59                   | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1                       | /eather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.0<br>27.8<br>27.1<br>27.1<br>27.2                         | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.4<br>26.1<br>27.9<br>27.2<br>27.2<br>27.2<br>27.2 | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38<br>2.93<br>2.25<br>3.45  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.40<br>2.90<br>2.26<br>3.42  | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92<br>2.26                 | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5<br>57.2<br>53.5<br>62.4   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0<br>53.4<br>61.2                              | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1<br>53.5                          | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0<br>32.5<br>30.4         | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1<br>32.6<br>30.5         | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73<br>1.26<br>1.01         | r, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75<br>1.30<br>1.06         | Average           1.67           1.54           1.01                | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17<br>27<br>27<br>11              | 17<br>17<br>17<br>17<br>19<br>7<br>19<br>7<br>11<br>11<br>225<br>8 | Depth<br>Average<br>16<br>11<br>11<br>20      | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52<br>9:55<br>9:59<br>10:03          | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3                     | W<br>Sampling<br>Depth,m<br>1<br>3<br>3<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5                  | Veather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.5<br>26.0<br>27.8<br>27.1<br>27.1<br>27.2<br>26.8         | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1<br>27.9<br>27.2<br>27.3<br>26.7                 | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38<br>2.93<br>2.25<br>3.45<br>2.85  | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.64<br>2.90<br>2.26<br>3.42<br>2.84                                      | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92<br>2.26<br>3.14         | Dissolve           a           76.2           72.0           68.7           64.2           61.5           57.2           53.5           62.4           56.3 | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0<br>53.4<br>61.2<br>55.2                      | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1<br>53.5<br>59.0                  | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0<br>32.5<br>30.4<br>31.7 | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1<br>32.6<br>30.5<br>31.8 | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73<br>1.26<br>1.01<br>1.38 | r, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75<br>1.30<br>1.30<br>1.40 | Average           1.67           1.54           1.01                | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17<br>27<br>11<br>5               | 17<br>17<br>17<br>19<br>7<br>11<br>11<br>225<br>8<br>6             | Depth<br>Average<br>16<br>11<br>11<br>20      | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 M | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52<br>9:55<br>9:59<br>10:03<br>10:07 | 28/9/2005<br>Sea | Overall<br>Depth, m<br>4<br>9<br>3<br>10               | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5<br>9 | Veather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.5<br>26.0<br>27.8<br>27.1<br>27.1<br>27.2<br>26.8         | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1<br>27.9<br>27.2<br>27.3<br>26.7                 | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38<br>2.93<br>2.25<br>3.45<br>2.85<br>2.43  | id Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.40<br>2.90<br>2.26<br>3.42<br>2.84<br>2.45                             | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92<br>2.26<br>3.14         | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5<br>57.2<br>53.5<br>62.4<br>56.3<br>51.7   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0<br>53.4<br>61.2<br>55.2                      | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1<br>53.5<br>59.0<br>51.7          | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0<br>32.5<br>30.4<br>31.7 | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1<br>32.6<br>30.5<br>31.8 | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73<br>1.26<br>1.01<br>1.38 | r, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75<br>1.30<br>1.30<br>1.40 | Average           1.67           1.54           1.01                | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17<br>27<br>11<br>5<br>10         | 17<br>17<br>17<br>19<br>7<br>11<br>11<br>225<br>8<br>6             | Depth<br>Average<br>16<br>11<br>11<br>20      | Remarks      |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B          | Sampling:<br>Time<br>10:11<br>10:15<br>10:20<br>10:26<br>10:32<br>10:37<br>9:52<br>9:55<br>9:59<br>10:03<br>10:07 |                  | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>4.5<br>8<br>1<br>2<br>2<br>1<br>5<br>9 | Veather C<br>Tempera<br>27.3<br>26.9<br>27.2<br>26.5<br>26.0<br>27.8<br>27.1<br>27.2<br>26.8<br>27.2<br>26.8<br>26.4 | ondition:<br>ature, °C<br>b<br>27.2<br>27.0<br>27.1<br>26.4<br>26.1<br>27.9<br>27.2<br>27.3<br>26.7<br>26.3         | Sunny<br>Dissolve<br>a<br>4.82<br>4.42<br>4.09<br>3.65<br>3.38<br>2.93<br>2.25<br>3.45<br>2.85<br>2.85<br>2.43                                | d Oxyge<br>b<br>4.81<br>4.43<br>4.08<br>3.64<br>3.64<br>2.90<br>2.26<br>3.42<br>2.84<br>2.84<br>2.84<br>2.84<br>Calibrati | n, mg/L<br>Average<br>4.82<br>4.43<br>3.87<br>3.39<br>2.92<br>2.26<br>3.14<br>2.44 | Dissolve<br>a<br>76.2<br>72.0<br>68.7<br>64.2<br>61.5<br>57.2<br>53.5<br>62.4<br>56.3<br>51.7   | Ambie<br>d Oxyge<br>b<br>76.0<br>72.2<br>68.5<br>64.1<br>61.4<br>57.0<br>53.4<br>61.2<br>55.4<br>61.2<br>55.6<br>2 | nt Temper<br>n, %<br>Average<br>76.1<br>72.1<br>66.4<br>61.5<br>57.1<br>53.5<br>59.0<br>51.7<br>100%: | ature, °C:<br>Salinity,<br>a<br>30.5<br>31.4<br>30.4<br>31.7<br>32.6<br>31.0<br>32.5<br>30.4<br>31.7 | 28<br>ppt<br>b<br>30.6<br>31.5<br>30.4<br>31.8<br>32.7<br>31.1<br>32.6<br>30.5<br>31.8 | Turbidity<br>a<br>1.35<br>1.95<br>0.81<br>1.50<br>2.26<br>0.73<br>1.26<br>1.01<br>1.38 | r, NTU<br>b<br>1.38<br>1.98<br>0.85<br>1.52<br>2.27<br>0.75<br>1.30<br>1.30<br>1.40 | Average           1.67           1.54           1.01           1.55 | Mid-Ebb<br>Suspend<br>15<br>14<br>10<br>15<br>5<br>17<br>277<br>11<br>5<br>10<br>By: | 17<br>17<br>17<br>19<br>7<br>11<br>11<br>25<br>8<br>6<br>8<br>6    | Depth<br>Average<br>16<br>11<br>11<br>20<br>8 | Remarks      |

Thermometer:

| Project:   | Contract   | No. CV/2004/              | 02 Recons   | truction of V   | Vong She  | ek and Ko   | Lau Wa   | n Public  | Piers  | •  | Client:   | Kin Shing  | Constru  | ction Co.  | , Ltd.   | •   | Job No.:  | J429  | -   |                                       |         |
|--|--|---------------------------|---|---|---|---|--|---|--|--|---|--|--|--|--|---|---|---|---|---------------------------------------|---------|
| Date of Sampling:     30/9/2005     Weather Condition:     Sunny     Ambient Temperature, °C:     28     Tide State:     Mid-Flood |  |                           |   |   |   |   |  |   |  |  |   |  |  |  |  |   |   |   |   |                                       |         |
| Station  | Time   | Sea                       | Overall   | Sampling  | Tempera   | ature, °C   | Dissolve   | ed Oxyge  | n, mg/L  | Dissolve   | d Oxyge   | n, %   | Salinity,  | ppt  | Turbidity  | , NTU   |   | Suspend   | ded Solic   | ls, mg/L                              | Remarks |
|  |  | Condition                 | Depth, m  | Depth,m   | а   | b   | а  | b   | Average  | а  | b   | Average  | а  | b  | а  | b   | Average   |   |   | Depth<br>Average                      |         |
| MW1 S  | 15:59  |                           |   | 1   | 29.2  | 29.4  | 5.03   | 5.01  | 4.90   | 78.2   | 78.0  | 76.9   | 31.9   | 31.7   | 1.16   | 1.14  |   | 19  | 21  |                                       |         |
| MW1 M  | 16:02  |                           | 5   | 2.5   | 28.4  | 28.3  | 4.79   | 4.76  | 4.50   | 75.8   | 75.6  | 10.5   | 32.2   | 32.5   | 1.24   | 1.26  | 1.50  | 13  | 12  | 13                                    |         |
| MW1 B  | 16:05  |                           |   | 4   | 27.1  | 27.0  | 4.06   | 4.05  | 4.06   | 68.4   | 68.3  | 68.4   | 32.5   | 32.6   | 2.08   | 2.09  |   | 8   | 7   |                                       |         |
| MW2 S  | 16:09  | -                         |   | 1   | 28.1  | 28.0  | 4.88   | 4.85  | 4.57   | 76.7   | 76.5  | 73.6   | 30.8   | 30.9   | 1.68   | 1.70  | -   | 7   | 8   | -                                     |         |
| MW2 M  | 16:11  | -                         | 10  | 5   | 27.9  | 27.8  | 4.26   | 4.29  |  | 70.4   | 70.6  |  | 31.9   | 32.0   | 1.92   | 1.91  | 1.94  | 11  | 13  | 10                                    |         |
| MW2 B  | 16:13  |                           |   | 9   | 25.7  | 25.6  | 3.74   | 3.72  | 3.73   | 65.2   | 65.1  | 65.2   | 32.1   | 32.2   | 2.20   | 2.23  |   | 13  | 8   |                                       |         |
| CW1 S  | 15:30  | -                         |   | 1   | 28.2  | 28.3  | 5.46   | 5.44  | 5.45   | 82.5   | 82.4  | 82.5   | 30.3   | 30.4   | 1.15   | 1.16  |   | 10  | 12  | -                                     |         |
| CW1 M  |  | -                         | 4   |   |   |   |  |   |  |  |   |  |  |  |  |   | 1.49  |   |   | 10                                    |         |
| CW1 B  | 15:42  |                           |   | 3   | 27.4  | 27.3  | 4.82   | 4.83  | 4.83   | 76.0   | 76.1  | 76.1   | 30.9   | 30.8   | 1.82   | 1.84  |   | 9   | 7   |                                       |         |
| CW2 S  | 15:45  | -                         |   | 1   | 28.5  | 28.4  | 6.48   | 6.46  | 6.12   | 88.8   | 88.6  | 85.3   | 30.4   | 30.5   | 1.68   | 1.70  |   | 8   | 8   | -                                     |         |
| CW2 M  | 15:50  | -                         | 11  | 5.5   | 27.0  | 27.0  | 5.79   | 5.76  |  | 81.9   | 81.7  |  | 32.0   | 32.1   | 1.79   | 1.80  | 1.95  | 7   | 7   | 11                                    |         |
| CW2 B  | 15:53  |                           |   | 10  | 26.7  | 26.8  | 4.74   | 4.73  | 4.74   | 75.2   | 75.1  | 75.2   | 33.2   | 33.4   | 2.35   | 2.37  |   | 15  | 18  |                                       |         |
| Equipmer   | t used:  | Dissolved O               | waen Mete   | or.   | EM  | 6167  |  | Calibrati   | on Check:  |  | 100   | 100%:  |  |  |  |   | Sampled   | Bv:   | Pong  |                                       |         |
| Equipmen   | 1 4364.  |                           | EM         6167         Calibration Check:           EM         2365         Calibration Check: |   |   |   |  |   | 9.9  | •  |   |  |  |  |  |   |   | nd Dai  | -   |                                       |         |
| Turbidity Meter:<br>Salinity Meter:  |  |                           |   | EM  |   |   |  |   |  | 35   | •   |  |  |  |  | Checked By: Raymond Dai Date: 7/10/2005   |   |   |   | -                                     |         |
|  |  | Thermomete                |   |   | EM  | 6167  |  |   |  |  |   |  |  |  |  |   |   |   |   |                                       | -       |
|  |  |                           |   |   |   |   |  |   |  |  |   |  |  |  |  |   |   |   |   |                                       |         |
|  |  |                           |   |   |   |   | •  |   |  |  |   |  |  |  |  |   |   |   |   |                                       |         |
| Project:   | Contract   | No. CV/2004/              | 02 Recons   | truction of V   |   |   | Lau Wa   | n Public  | Piers  |  | Client:   | Kin Shing  | Constru  | ction Co.  | , Ltd.   |   | Job No.:  | J429  |   |                                       |         |
|  |  | No. CV/2004/<br>30/9/2005 |   |   |   | ek and Ko   |  | n Public  | Piers  |  |   | Kin Shing  |  |  |  |   | Job No.:<br>Fide State:   | -   | -<br>)  | -                                     |         |
|  |  |                           | Overall   | Sampling  | Vong She<br>Veather C   | ek and Ko<br>ondition:<br>ature, °C   | Sunny  |   | n, mg/L  | Dissolve   | Ambie<br>d Oxyge  | nt Tempera   | ature,°C:<br>Salinity,   | 28   | Turbidity  | ۱<br>, NTU  | Fide State:   | Mid-Ebb   | -<br>ded Solic  |                                       | Remarks |
| Date of<br>Station   | Sampling:<br>Time  | 30/9/2005<br>Sea          |   | W<br>Sampling<br>Depth,m  | Vong She<br>Veather C<br>Tempera<br>a   | ondition:<br>ature, °C<br>b   | Sunny<br>Dissolve<br>a   | ed Oxyge<br>b   |  | а  | Ambie<br>d Oxyge<br>b   | nt Tempera   | ature,°C:<br>Salinity,<br>a  | 28<br>ppt<br>b   | Turbidity<br>a   | /, NTU<br>b   |   | Mid-Ebb   | ded Solic   | ls, mg/L<br>Depth<br>Average          | Remarks |
| Date of<br>Station<br>MW1 S  | Sampling:  | 30/9/2005<br>Sea          | Overall<br>Depth, m   | Sampling  | Vong She<br>Veather C   | ek and Ko<br>ondition:<br>ature, °C   | Sunny<br>Dissolve  | ed Oxyge  | n, mg/L  |  | Ambie<br>d Oxyge  | nt Tempera   | ature,°C:<br>Salinity,   | 28   | Turbidity  | ۱<br>, NTU  | Fide State:   | Mid-Ebb   |   | Depth<br>Average                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M   | Sampling:<br>Time<br>10:03   | 30/9/2005<br>Sea          | Overall   | W<br>Sampling<br>Depth,m  | Vong She<br>Veather C<br>Tempera<br>a<br>28.5   | ondition:<br>ature, °C<br>b<br>28.4   | Sunny<br>Dissolve<br>a<br>5.67   | ed Oxyge<br>b<br>5.66   | n, mg/L<br>Average<br>5.67   | a<br>84.7  | Ambie<br>d Oxyge<br>b<br>84.6   | nt Temper:<br>n, %<br>Average<br>84.7  | ature,°C:<br>Salinity,<br>a<br>31.0  | 28<br>ppt<br>b<br>31.2   | Turbidity<br>a<br>1.19   | 7<br>(, NTU<br>b<br>1.20  | Fide State:   | Mid-Ebb   | 8   | Depth                                 | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B  | Sampling:<br>Time<br>10:03<br>10:05  | 30/9/2005<br>Sea          | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1<br>3  | Vong She<br>Veather C<br>Tempera<br>a<br>28.5<br>28.1   | ondition:<br>ature, °C<br>b<br>28.4<br>28.0   | Sunny<br>Dissolve<br>a<br>5.67<br>5.34   | ed Oxyge<br>b<br>5.66<br>5.32   | n, mg/L<br>Average   | a<br>84.7<br>81.2  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0   | nt Tempera<br>n, %<br>Average  | ature,°C:<br>Salinity,<br>a<br>31.0<br>31.6  | 28<br>ppt<br>b<br>31.2<br>31.7   | Turbidity<br>a<br>1.19<br>1.35   | 7, NTU<br>b<br>1.20<br>1.36   | Fide State:   | Mid-Ebb<br>Suspend<br>7<br>13   | 8<br>19   | Depth<br>Average                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S   | Sampling:<br>Time<br>10:03<br>10:05<br>10:08   | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | W<br>Sampling<br>Depth,m<br>1<br>3<br>1   | Vong She<br>leather C<br>Tempera<br>28.5<br>28.1<br>27.8  | ek and Kc<br>ondition:<br>ature, °C<br>b<br>28.4<br>28.0<br>27.6  | Sunny<br>Dissolve<br>a<br>5.67<br>5.34<br>6.16   | b<br>5.66<br>5.32<br>6.15   | n, mg/L<br>Average<br>5.67   | a<br>84.7<br>81.2<br>86.4  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3   | nt Temper:<br>n, %<br>Average<br>84.7  | ature, °C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4   | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3   | Turbidity<br>a<br>1.19<br>1.35<br>1.09   | 1.20<br>1.36  | Average   | Mid-Ebb<br>Suspend<br>7<br>13<br>7  | 8<br>19<br>10   | Depth<br>Average<br>12                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M  | Sampling:<br>Time<br>10:03<br>10:05  | 30/9/2005<br>Sea          | Overall<br>Depth, m   | W<br>Sampling<br>Depth,m<br>1<br>3  | Vong She<br>Veather C<br>Tempera<br>a<br>28.5<br>28.1   | ondition:<br>ature, °C<br>b<br>28.4<br>28.0   | Sunny<br>Dissolve<br>a<br>5.67<br>5.34   | ed Oxyge<br>b<br>5.66<br>5.32   | n, mg/L<br>Average<br>5.67<br>5.33   | a<br>84.7<br>81.2  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0   | n, %<br>Average<br>84.7<br>81.1  | ature,°C:<br>Salinity,<br>a<br>31.0<br>31.6  | 28<br>ppt<br>b<br>31.2<br>31.7   | Turbidity<br>a<br>1.19<br>1.35   | 7, NTU<br>b<br>1.20<br>1.36   | Fide State:   | Mid-Ebb<br>Suspend<br>7<br>13   | 8<br>19   | Depth<br>Average                      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S   | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13  | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5   | Vong She<br>Yeather C<br>Tempera<br>a<br>28.5<br>28.1<br>27.8<br>26.6   | ek and Ko<br>ondition:<br>ature, C<br>b<br>28.4<br>28.0<br>27.6<br>26.6   | Sunny           Dissolve           a           5.67           5.34           6.16           5.38   | ed Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36   | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76   | a<br>84.7<br>81.2<br>86.4<br>81.6  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5   | n, %<br>Average<br>84.7<br>81.1<br>84.0  | ature,°C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2  | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3   | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27   | 7, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29   | Average   | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8   | 8<br>19<br>10<br>7  | Depth<br>Average<br>12                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B   | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15                                 | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | Vong She<br>leather C<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4   | ek and Ko<br>ondition:<br>ture, °C<br>b<br>28.4<br>28.0<br>27.6<br>26.6<br>26.6<br>26.3   | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64  | b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63   | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76   | a<br>84.7<br>81.2<br>86.4<br>81.6<br>74.2  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1   | n, %<br>Average<br>84.7<br>81.1<br>84.0  | ature, °C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5   | 28<br>ppt b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6                                    | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89                                 | 1.20<br>1.36<br>1.10<br>2.29<br>2.91  | Average   | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6  | 8 19 10 7 5   | Depth<br>Average<br>12                | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S  | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15                                 | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8  | Vong She<br>leather C<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4   | ek and Ko<br>ondition:<br>ture, °C<br>b<br>28.4<br>28.0<br>27.6<br>26.6<br>26.6<br>26.3   | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64  | b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63   | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64                                 | a<br>84.7<br>81.2<br>86.4<br>81.6<br>74.2  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1   | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2  | ature, °C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5   | 28<br>ppt b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6                                    | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89                                 | 1.20<br>1.36<br>1.10<br>2.29<br>2.91  | Average 1.28 2.09   | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6  | 8 19 10 7 5   | Depth<br>Average<br>12<br>7           | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M  | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15<br>9:45                         | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1   | Vong She<br>Veather C<br>Tempera<br>a<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2                             | and Kc           ondition:           ature, °C           b           28.4           28.0           27.6           26.6           26.3           28.1  | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64           5.77   | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75  | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76                         | a<br>84.7<br>81.2<br>86.4<br>81.6<br>74.2<br>82.5  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4   | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5                                  | ature, °C:<br><u>Salinity</u> ,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0                             | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2                         | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13                         | 7, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14                         | Average 1.28 2.09   | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6  | 8<br>19<br>10<br>7<br>5<br>7  | Depth<br>Average<br>12<br>7           | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B                       | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15<br>9:45<br>9:48                 | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4  | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2  | Vong She<br>Veather C<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2<br>27.7                                     | ek and Ko<br>ondition:<br>ature, °C<br>b<br>28.4<br>28.0<br>27.6<br>26.6<br>26.3<br>28.1<br>27.6  | Sunny<br>Dissolve<br>a<br>5.67<br>5.34<br>6.16<br>5.38<br>4.64<br>5.77<br>4.82   | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75<br>4.81                                      | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76                         | a<br>84.7<br>81.2<br>86.4<br>81.6<br>74.2<br>82.5<br>76.0  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4<br>76.1                                 | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5                                  | ature,°C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0<br>32.2                              | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2<br>32.4                 | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13<br>1.42                 | 7, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14<br>1.41                 | Average 1.28 2.09   | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6<br>8<br>5                                  | ded Solid           8           19           10           7           5           7           7           7 | Depth<br>Average<br>12<br>7           | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S                       | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15<br>9:45<br>9:48<br>9:53         | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4<br>9<br>3  | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1                         | Vong She<br>Veather C<br>Tempera<br>a<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2<br>27.7<br>28.4             | and Kc           ondition:           ature, °C           b           28.4           28.0           27.6           26.3           28.1           27.6           28.1           27.6           28.5 | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64           5.77           4.82           5.93                               | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75<br>4.81<br>5.92                              | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76<br>4.82                 | a<br>84.7<br>81.2<br>86.4<br>81.6<br>74.2<br>82.5<br>76.0<br>84.1  | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4<br>76.1<br>84.0                         | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5<br>76.1                          | ature, °C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0<br>32.2<br>31.3                     | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2<br>32.4<br>31.4         | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13<br>1.42<br>0.87         | r, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14<br>1.41                 | Average           1.28           2.09           1.28                | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6<br>8<br>6<br>5<br>13                       | 8<br>19<br>10<br>7<br>5<br>7<br>7<br>7<br>9   | Depth<br>Average<br>12<br>7<br>7      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 B     | Sampling:<br>Time<br>10:03<br>10:05<br>10:05<br>10:13<br>10:13<br>9:45<br>9:48<br>9:53<br>9:56 | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4<br>9<br>3  | W<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5   | Vong She<br>Veather C<br>Tempera<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2<br>27.7<br>28.4<br>27.0          | ek and Ko<br>ondition:<br>ature, °C<br>b<br>28.4<br>28.0<br>27.6<br>26.6<br>26.3<br>28.1<br>27.6<br>28.5<br>27.1  | Sunny<br>Dissolve<br>a<br>5.67<br>5.34<br>6.16<br>5.38<br>4.64<br>5.77<br>4.82<br>5.93<br>5.21   | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75<br>4.81<br>5.92<br>5.18                      | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76<br>4.82<br>5.56         | a           84.7           81.2           86.4           81.6           74.2           82.5           76.0           84.1           80.9 | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4<br>76.1<br>84.0<br>80.7                 | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5<br>76.1<br>82.4                  | ature, <sup>o</sup> C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0<br>32.2<br>31.3<br>32.5 | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2<br>32.4<br>31.4<br>32.6 | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13<br>1.42<br>0.87<br>1.30 | r, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14<br>1.41<br>0.88<br>1.32 | Average           1.28           2.09           1.28                | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6<br>8<br>6<br>13<br>10                      | 8<br>8<br>19<br>10<br>7<br>5<br>7<br>7<br>7<br>9<br>14  | Depth<br>Average<br>12<br>7<br>7      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW1 B<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 S<br>CW1 B<br>CW1 B<br>CW1 S<br>CW1 B     | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15<br>9:45<br>9:48<br>9:53<br>9:59 | 30/9/2005<br>Sea          | Overall<br>Depth, m<br>4<br>9<br>3<br>10  | Sampling<br>Depth,m           1           3           1           4.5           8           1           2           1           5           9 | Vong She<br>Veather C<br>Tempera<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2<br>27.7<br>28.4<br>27.0          | ek and Ko<br>ondition:<br>ature, °C<br>b<br>28.4<br>28.0<br>27.6<br>26.6<br>26.3<br>28.1<br>27.6<br>28.5<br>27.1  | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64           5.77           4.82           5.93           5.21           4.68 | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75<br>4.81<br>5.92<br>5.18<br>4.65              | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76<br>4.82<br>5.56         | a           84.7           81.2           86.4           81.6           74.2           82.5           76.0           84.1           80.9 | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4<br>76.1<br>84.0<br>80.7                 | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5<br>76.1<br>82.4<br>74.3          | ature, <sup>o</sup> C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0<br>32.2<br>31.3<br>32.5 | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2<br>32.4<br>31.4<br>32.6 | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13<br>1.42<br>0.87<br>1.30 | r, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14<br>1.41<br>0.88<br>1.32 | Average           1.28           2.09           1.28                | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6<br>8<br>6<br>8<br>5<br>13<br>10<br>9       | 8<br>8<br>19<br>10<br>7<br>5<br>7<br>7<br>7<br>9<br>14  | Depth<br>Average<br>12<br>7<br>7      | Remarks |
| Date of<br>Station<br>MW1 S<br>MW1 M<br>MW2 S<br>MW2 M<br>MW2 B<br>CW1 S<br>CW1 M<br>CW1 B<br>CW2 S<br>CW2 M<br>CW2 B              | Sampling:<br>Time<br>10:03<br>10:05<br>10:08<br>10:13<br>10:15<br>9:45<br>9:48<br>9:53<br>9:59 | 30/9/2005                 | Overall<br>Depth, m<br>4<br>9<br>3<br>10<br>sygen Mete  | VW<br>Sampling<br>Depth,m<br>1<br>3<br>1<br>4.5<br>8<br>1<br>1<br>2<br>2<br>1<br>5<br>9<br>9  | Vong She<br>leather C<br>7 Empera<br>28.5<br>28.1<br>27.8<br>26.6<br>26.4<br>28.2<br>27.7<br>28.4<br>27.0<br>26.5 | and Ko           ondition:           ature, °C           b           28.4           28.0           27.6           26.6           28.1           27.6           28.5           27.1           26.4 | Sunny           Dissolve           a           5.67           5.34           6.16           5.38           4.64           5.77           4.82           5.93           5.21           4.68 | d Oxyge<br>b<br>5.66<br>5.32<br>6.15<br>5.36<br>4.63<br>5.75<br>4.81<br>5.92<br>5.18<br>4.65<br>Calibrati | n, mg/L<br>Average<br>5.67<br>5.33<br>5.76<br>4.64<br>5.76<br>4.82<br>5.56<br>4.67 | a           84.7           81.2           86.4           81.6           74.2           82.5           76.0           84.1           80.9 | Ambie<br>d Oxyge<br>b<br>84.6<br>81.0<br>86.3<br>81.5<br>74.1<br>82.4<br>76.1<br>84.0<br>84.0<br>80.7<br>74.2 | nt Tempera<br>n, %<br>Average<br>84.7<br>81.1<br>84.0<br>74.2<br>82.5<br>76.1<br>82.4<br>74.3<br>100%: | ature, <sup>o</sup> C:<br>Salinity,<br>a<br>31.0<br>31.6<br>31.4<br>32.2<br>32.5<br>31.0<br>32.2<br>31.3<br>32.5 | 28<br>ppt<br>b<br>31.2<br>31.7<br>31.3<br>32.3<br>32.6<br>31.2<br>32.4<br>31.4<br>32.6 | Turbidity<br>a<br>1.19<br>1.35<br>1.09<br>2.27<br>2.89<br>1.13<br>1.42<br>0.87<br>1.30 | r, NTU<br>b<br>1.20<br>1.36<br>1.10<br>2.29<br>2.91<br>1.14<br>1.41<br>0.88<br>1.32 | Average           1.28           2.09           1.28           1.35 | Mid-Ebb<br>Suspend<br>7<br>13<br>7<br>8<br>6<br>8<br>6<br>8<br>8<br>5<br>13<br>10<br>9<br>8<br>y: | 8<br>19<br>10<br>7<br>5<br>7<br>7<br>7<br>9<br>14<br>8  | Depth<br>Average<br>12<br>7<br>7<br>7 | Remarks |

Thermometer:



Appendix E

Monitoring Schedule - Upcoming month

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

| Sunday | Monday                           |    | Tuesday | Wednesday                      | Thursday | Friday                          | Saturday |
|--------|----------------------------------|----|---------|--------------------------------|----------|---------------------------------|----------|
|        |                                  |    |         |                                |          |                                 | 1        |
|        |                                  |    |         |                                |          |                                 |          |
|        |                                  |    |         |                                |          |                                 |          |
|        |                                  |    |         |                                |          |                                 |          |
| 2      |                                  | 3  | 4       | 5                              | 6        | 7                               | 8        |
|        | 2                                |    |         | 2                              |          | 2                               |          |
|        | WQM <sup>3</sup>                 |    |         | WQM <sup>3</sup>               |          | WQM <sup>3</sup>                |          |
|        | (Ebb: 12:28)                     |    |         | (Ebb: 13:35)                   |          | (Ebb: 14:35)                    |          |
|        | (Flood: 18:37)                   | 10 |         | (Flood: 19:32)                 | 12       | (Flood: 18:53)                  |          |
| 9      |                                  | 10 | 11      | 12                             | 13       | 14                              | 15       |
|        |                                  |    |         |                                |          |                                 |          |
|        | WQM <sup>3</sup><br>(Ebb: 10:45) |    |         | WQM <sup>3</sup><br>(Ebb:8:33) |          | WQM <sup>3</sup><br>(Ebb: 9:05) |          |
|        | (Ebb. 10.43)<br>(Flood: 15:49)   |    |         | (Eb0.8.33)<br>(Flood: 15:47)   |          | (Ebb. 9.03)<br>(Flood: 16:03)   |          |
| 16     |                                  | 17 | 18      | (11000.15.47)                  | 20       |                                 | 22       |
| 10     |                                  | 1, | 10      |                                |          |                                 |          |
|        | WQM <sup>3</sup>                 |    |         | WQM <sup>3</sup>               |          | WQM <sup>3</sup>                |          |
|        | (Ebb: 12:03)                     |    |         | (Ebb: 13:23)                   |          | (Ebb: 14:12)                    |          |
|        | (Flood: 18:15)                   |    |         | (Flood: 19:22)                 |          | (Flood: 18:19)                  |          |
| 23     |                                  | 24 | 25      | 26                             | 27       |                                 | 29       |
|        |                                  |    |         |                                |          |                                 |          |
|        | WQM <sup>3</sup>                 |    |         | WQM <sup>3</sup>               |          | WQM <sup>3</sup>                |          |
|        | (Ebb: 10:56)                     |    |         | (Ebb: 7:56)                    |          | (Ebb: 9:58)                     |          |
|        | (Flood: 14:32)                   |    |         | (Flood: 15:36)                 |          | (Flood: 16:17)                  |          |
| 30     |                                  | 31 |         |                                |          |                                 |          |
|        |                                  |    |         |                                |          |                                 |          |
|        | WQM <sup>3</sup>                 |    |         |                                |          |                                 |          |
|        | (Ebb: 11:14)                     |    |         |                                |          |                                 |          |
|        | (Flood: 17:17)                   |    |         |                                |          |                                 |          |

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))