

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

CONTRACT NO: CV/2004/02

RECONSTRUCTION OF WONG SHEK AND KO LAU WAN PUBLIC PIERS

ENVIRONMENTAL MONITORING & AUDIT MONTHLY REPORT (WONG SHEK)

- JUL 2005 -

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We refer to July 05 EM&A reports for Wong Shek Pier and Ko Lau Wan Pier that we received through email on 5 October 2005 and are pleased to confirm we have no further comment on the reports.

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

Best regards,

Joseph Poon Independent Environmental Checker

JP/cy

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EXECUTIVE SUMMARY

This is the Monthly Environmental Monitoring and Audit (EM&A) report for July 2005 under Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers. This report presents the environmental monitoring and auditing (EM&A) findings based on data and information recorded from the period 1^{st} to 31^{st} Jul 2005 for the construction of Wong Shek Public Pier.

Construction Activities for the Reported Period

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

- Construction of main piles
- Construction of temporary berth
- Construction of preliminary pile

Water Quality Monitoring

25 water quality monitoring events in terms of turbidity, dissolved oxygen, suspended solids, temperature, and salinity was carried out at MW1, MW2, CW1 and CW2 at Wong Shek except for one event at mid-flood tide on 22 Jul which could not be done due to thunderstorm warning.

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

Waste Management

5.6m³ C&D materials was produced and disposed of at public fill at SENT landfill while no general refuse or chemical waste was transported off site in this reported period.

Complaints, Notifications of Summons and Successful Prosecutions

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



Site Inspections and Audit

Four site inspections were conducted by the Environmental Team (ET) in this reported period. Major observations by the ET, actions by the Contractor and outcome are summarized in the following table.

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

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

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

Future Key Issues

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

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



1

INTRODUCTION

1.1 SCOPE OF THE REPORT

Effective from 1 July 2005, Lam Environmental Services (LAM) has been appointed to work as the Environmental Team (ET) for Kin Shing Construction Company Limited to implement the Environmental Monitoring and Audit (EM&A) programme for the Contract No. CV/2004/02 – Reconstruction of Wong Shek and Ko Lau Wan Public Piers.

This report presents the environmental monitoring and auditing work carried out at Wong Shek Public Pier in accordance to Section 26 of the Particular Specification, Project Profile (PP-191/2003) and Environmental Permit (EP-186/2004) for this Project.

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

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

1.2 STRUCTURE OF THE REPORT

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



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



2 PROJECT BACKGROUND

2.1 SCOPE OF THE PROJECT AND SITE DESCRIPTION

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

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

2.2 PROJECT ORGANIZATION AND CONTACT PERSONNEL

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

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

Table 2.2 Contact Details of Key Personnel

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



2.3 CONSTRUCTION PROGRAMME AND WORKS

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

- Construction of main piles
- Construction of temporary berth
- Construction of preliminary pile

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



3 IMPLEMENTATION STATUS

3.1 STATUS OF REGULATORY COMPLIANCE

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

Table 3.1 Cumulative Summary of Valid Licences and Permits

| Permits and/or Licences | Reference No. | Issued Date | Expiry Date | Status |
|--------------------------------|--------------------------|----------------|----------------|--|
| Environmental Permit | EP-186/2004 | 16-Mar-04 | - | Issued |
| Waste Producer Registration | WPN5213-742- K1081-05 | 12-May-05 | - | Notified |
| Construction Noise Permit | - | - | - | No valid CNP granted to the Contractor |

3.2 IMPLEMENTATION OF POLLUTION CONTROL / MITIGATION MEASURES

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



4 MONITORING REQUIREMENTS

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

4.1 WATER QUALITY MONITORING

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

Table 4.1a Water Quality Monitoring Stations

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

Monitoring Methodology

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

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

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

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



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

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

Monitoring Equipment

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

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

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

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

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



Laboratory Analysis

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

Table 4.1bLaboratory Test Procedures

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



4.2 MONITORING PARAMETERS AND FREQUENCY

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

Table 4.2Water Quality Monitoring Parameters and Frequencies

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

4.3 WATER QUALITY CRITERIA

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

Table 4.3 Action and Limit Levels for Water Quality Monitoring

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

Note:

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



4.4 MONITORING PROGRAMME

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

Table 4.4Environmental Monitoring Programme – Jul 05

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

Note:

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



5 MONITORING RESULTS

5.1 WATER QUALITY MONITORING RESULTS

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

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

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

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

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

5.2

WASTE MONITORING RESULTS

5.6m³ C&D materials was produced and disposed of at public fill at SENT landfill while no general refuse or chemical waste was transported off site in this reported period.



6 COMPLIANCE AUDIT

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

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

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

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

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

As shown in the graphical trend, the observed exceedances in dissolved oxygen could possibly due to increasing temperature of the marine water during the summer period, reducing the overall solubility of dissolved oxygen in marine water when compared to the action and limit levels derived from baseline water quality monitoring done during the period from January to February 2005 (water temperature: 16 - 17 $^{\circ}$ C).

The observed exceedance for turbidity and suspended solids are respectively around within 3 NTU and 30 mg/L, indicating the fluctuation could possibility due to the natural variation around the small values of turbidity and suspended solids, possibly due to water current or tidal interference.

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



7 SITE INSPECTION AND AUDIT

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

7.1 ENVIRONMENTAL INSPECTION

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

Table 7.1Summary of Environmental Inspection – Jul 05

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

7.2 IEC AUDIT

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

Table 7.2IEC Audit Results – Jul 05

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

NC: Non-conformity Obs: Observation



8

COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

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

Table 8aEnvironmental Complaints Log

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

Table 8bCumulative Statistics on Complaints

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

Table 8c Cumulative Statistics on Successful Prosecutions

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

Table 8c Cumulative Statistics on Notification of Summons

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



9 FUTURE KEY ISSUES

The scheduled construction activities and the recommended mitigation measures for Aug 2005 are listed below. The proposed monitoring schedule for the coming reporting period is detailed in <u>Appendix E</u>.

Table 9 Construction Activities and Recommended Mitigation Measures – Aug 2005

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



10 CONCLUSION

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

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

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



Figure 2.1

Location Plan



| G | Н | |
|---|--|-------------|
| | NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETRES. 2. ALL CO-ORDINATES REFER TO HONG KONG GEODETIC DATUM 1980 AND ARE IN METRES. 3. ALL LEVELS REFER TO CHART DATUM (C.D.) AND ARE IN METRES. | |
| LONG HARBOUR (TAI TAN HOI) 835 OOON 835 OOON 835 OOON | LEGEND: | |
| 00 832 900N | no. date description checked a | pproved |
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| | contract no. | |
| | file no. | |
| | project no. | |
| 832 800N | contract | |
| | drawing title | |
| | WONG SHEK PUBLIC PIEF - GENERAL LAYOUT | { |
| | drawing no. scale | |
| | office | |
| COPYRIGHT RESERVED | CIVIL ENGINEER AND DEVELOPMENT DEPARTMENT HONG KONG | I NG |



Figure 2.3

Master Construction Programme

| ontract No.: CV/2004/02 construction of Wong Shek and o Lan Wan Public Piers | | Mas | ter Progr (Version 2) | amme | | Contractor: Kin Shing Construction Co. 1 Commencement Date: 15th Nov 20 Completion Date: 5th Aug 20 Programme Date: 21st Feb 20 |
|--|-----------------|----------------------------|--------------------------|----------------|--|---|
| Tast Nax | Deuten | Shri Finna | Perdecesses | N Nex | 1. yapes | pri an US (es. 30 Mar. 1 US (es. 10 Mar. 2 Mar. 1 US (es. 10 Mar. 2 Mar. 1 Mar. 2 Mar. 2 Mar. 2 Mar. 2 Mar. 2 M 9 Tvi citivi Juan Juan Juan Juan Mar. 2 M |
| Commencement of the Works | I they | Mon 04/11/15 Mon 04/11/15 | | 1 🔶 11 No | w 12 W 2 1 M 1 W 2 1 M 8 1 M 7 1 M 9 1 M 9 | a LA POLAT TATALARI SAN TATATA MANJA MANJA MANJARA ANTARA TATATA ANTARA PARA PARA PARA PARA PARA PARA PARA |
| Completion of Section 1 (Woog Size: Public Pier) | l day | Sun 06/8/6 Sun 06/8/6 | | | | 4 |
| Completion of Section 2 (Ico Lan Wiss Public Pier) | l day | Sun 96/8/6 Sun 05/8/6 | | | | |
| Preliminary | | | (10) -1 0 | | | |
| Establishment of Englager's Principal Sile Office | 994 days | 'Tue 04/11/16 Moa 07/8/6 | | \$ (¥) | | INTERNAL AND |
| Suburission and approval | 21 days | Tue 04/11/16 Mon 04/12/6 | | 6 33153755 | izra, | |
| Provision | 8 days | Tue 04/12/7 Tue 04/12/14 | 0 | | 7 22001 | |
| Servicing during construction period | 600 days | Wed 04/12/15 Sun 06/3/6 | 2 | 1 | * \$22522261262255 | DIRECTOR CONTRACTOR CONT |
| Servicing during maintenance period | 364 days | Mae 06/8/7 Sun 02/3/5 | a | | | r |
| | l day | Мов 07/8/6 Мов 07/8/5 | . u | | | |
| Secondary Office | 582 days | Maa 05/1/3 Mea 06/8/7 | | | u (V)um | UDISANAS AT INSULAANASA MAANAANAANAANAANAANAANAANAANAANAANAANAAN |
| Sultiniasica and approval | £5 days | Moat 05/1/3 Mon (15/1/17 | | 1 | 13 INNER | XXH |
| Provision | 28 days | Tue 05/1/18 Mon 05/2/14 | 12.15 | 1 | | เราะ นักและเพราะการการการการการการการการการการการการการก |
| Servicing | 538 days | Tue 05/2/15 Son 06/8/6 | n | | £ 1 | 14 ให้มัดรู้กัดปัวจริงสงสงราวบรรงบายและสุขตรงสารทรงสงราชสงราชรู 14 ให้มัดรู้กัดปัวจริงสงสงราวบรรงบายและสุขตรงสารทรงสารทรง 14 ให้มัดรู้การที่สารทรงสารทรงสารทรงสารทรงสารทรงสารทรง 14 ให้มัดรู้การที่สารทรงสารทรงสารทรงสารทรงสารทรงสารทรงสารทรง 14 ให้มัดรู้การที่สา สารที่สา สารที่สาร |
| Decommissioning | 1 day | Moar 06/8/7 Moar 06/8/7 | H | | 1 - I - I - I | |
| Provision of Contractor's accommudation | 602 days | Mon 04/12/13 Sub 06/8/6 | | 1 | 16 TERRETERED 31 | นของกับโอกรามที่เห็นหนึ่งการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการสอบการส |
| fultial survey | 20 days | Wed 04/12/15 Man 05/1/3 | | | 17 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19 | - i i |
| Erection of boarding and project signbaard at Por. A | 34 days | Mon 05/1/31 8at 05/3/5 | - 17 | | | 18 Technesises fragen |
| Frection of hearding and project signboard at For. B | 13 days | Mon 05/1/21 Sat 05/3/5 | | 1 | | 10 TIEREEN |
| Application and Installation of dectrical system | 75 déys | l/ri 04/12/31 "Twe 05/3/15 | | 1 | S0 PERSENT | TARAATERSTERREERE PROVINCE TO THE PROVINCE TO |
| Application and installation of water supply system | 75 days | Son 05/1/16 Tho 05/3/31 | | 1.6 | 21 | FITTERSERVERSESSITICITED PERMITTERS |
| Application and installation of telephone fines | 75 days | Sun 05/1/16 Thu 05/3/31 | | 1 | 22 | · VITIERREARCECTREARCERSERSERSERS |
| Notification of parties in concern | 34 days | Wed 04/12/1 Fri 04/12/31 | | 23 | 323 528 9 2 3 2 9 3 3 3 3 5 | |
| Application for prinningation of Marine Department Notice for Wong Shek | 71 days | Vri 04/12/17 Fri 05/2/25 | | | 24 12202 202 201 203 20 | ANIMAN AND AND AND AND AND AND AND AND AND A |
| Application for promotyation of Marine Department Notice for Ko Loo Wan | 65 days | Pci 04/12/17 Snt 05/2/19 | | | 33 <i>4772224221</i> 2 | anananan |
| Environmental Alemitaring | 658 days | Mon 04/11/15 Sun 46/9/3 | | 20 9 10/10/10 | di sua su | CONTRACTOR DURING TO DESCRIPTION OF THE OWNER |
| Submission and approval of ES and IC(Env) | dd days | Mon 04/11/15 Tee 04/12/28 | | 27 245645642 | mannan i | |
| Endorsement of EM&A prograal | 12 days | Wed 0491229 Sun 05/1/9 | 27 | 1 1 | 28 (19519) | |
| Basefine water quality monitoring | 26 days | Mon 05/1/10 thi 05/2/4 | 31 | | 29 28 | 22100239223 |
| Preparation and approval of baseline report | 21 days | Sat 05/2/5 Pri 05/2/25 | 29 | 1 (K | 1 | in transmitter |
| Impaci ingenterieg | 527 days | Snt 05/2/26 Sun 06/8/6 | 19 | 1 | | i formatie meesesterrenterrenterrenterrenter |
| Post construction manifering | 2.8 days | Mon 06/8/7 Snut 06/9/3 | 51,110,202 | | | |
| Section 1 (Wong Shek Public Pler) | | | | | | |
| Temporary cover to existing pier | 121 days | Man 04/11/15 Tac 05/3/15 | | 34 (V) HUVE | | |
| Design and ICE checking | 66 daya | Men 04/11/15 Wed 05/1/19 | | 38 92002A | ununainan | 223 |
| | Rogen | Summer | () | Croical Tak (S | x 1.4.75 \$\$\$\$\$\$\$\$\$\$\$\$\$\$ | Course Task Sec 20 WILLING |
| nr Einanta mine (Min zani 2) Split | Concentration M | ilesano 🔶 Completion | | Crizkal Tak (S | | |

| econs | act No.: CV/20 struction of W u Wan Public | ong Shek and | | | Mas | ter Pro | | | | | . Commen Co Pro | Shing Coust cement Date ompletion Date ogramme Dat | :: 15th Nov 20 te: 6th Aug 20 te: 21st Feb 20 | 1004 1000 1000 |
|----------|--|--|------------------|--------------|--------------|----------------|------------------|--|--------------------------------|---|-----------------------|---|---|----------------------|
| - | | Zesk Strm. | Currier: | Siad | Einith | * soloce is a | es | willion with a second s | 105 2514 Classification 100 | ni ni nek | US Washingtons | 1 N/ A/r wmwsii/w/21 A/2[W20] | 105 200 15 W 15 W 15 W 15 W | 11929 |
| | Submission for En | gineel,s containe r | 30 days | 711 05/1/20 | Fri 05/2/18 | 35 | | er i fan ar seitar skouter i er | 36 | Talamana | | | | |
| | Festion | | 20 days | Sat 05/2/19 | Thu \$5/3/10 |)ie | | .41 | | 37 | UTITA | 1 | | |
| | Certified by ICE a | id commissioning | 5 days | Pri 05/3/11 | Tue 05/3/15 | 1)3 | | 8 | | 1 | 1 384 | | - 22 | |
| P | Provision of tempora | ry bertik | 192 days | Man 04/11/15 | Wed 05/5/25 | | set 19 | | | GRADITATION CONTRACTOR | - | AND DESCRIPTION OF THE OWNER OF T | WILLBRALLANARAR (*) | <u>9</u> |
| | Design and ICII of | ocking of temporary berth | 60 days | Mon 04/11/15 | Wed 05/2/2 | Rein merrite | 100000 | 40 (25555522521212928 | | errenth | | | | |
| | Sultanission for En | gineer's comment | 41 days | Thu 05/2:3 | Tue 05/3/15 | 10 | | | | 41 128288833388 | 11111111111 | 1 | 1.4 | |
| | Piling | | 40 days | Wod 05/3/16 | Stut 05/4/24 | 34,29,23,41,38 | | | | | 42 3 | 200000000000000000000000000000000000000 | a : | 10 |
| | | and installation of fenders | 25 days | -Mon 05/4/25 | Thu 05/5/19 | | ····· | | 5 | | | 43 | inams | |
| 3 | Relocation of navi | adion light by Marine Dept. | 66 days | Wed 05/3/16 | Pri 05/5/20 | | | | | | H (1) | nessitive methods and | | ÷ |
| | | Maxine Department | 65 days | Wed 05/3/16 | Thu 05/5/19 | | | | | | 45 [33 | | ATT232222222222 | - 020 |
| 5366 | Relocution wo | | L day | Pri 05/5/20 | Fri 05/5/20 | 13,43 | | | | | | 1 | 46 5 | - 242. - 144 |
| | | esting and commissioning of berth | 5 days | Sat 05/5/21 | Wed 05/5/25 | ÷10 | | | 1 | ÷ | | | 17 221 | |
| | Ground Investigation | | 110 days | Wed 04/12/29 | Sun 05/4/17 | | ineren (| | 48 WASABAARA | 0880 - 708 | | | | - |
| | Submission for En | | 59 days | Wed 04/12/29 | Pri (15/2/25 | | 4.4.4 | | 2000 | | 14.52 | 1 20 | | 1 |
| | Ground uncetigati | | 20 days | Sat 05/2/26 | Thu 05/3/17 | (3,14,28 | | 14 | in production | | CONTRACTORY OF | e i | 18 1 | |
| | Preparation and ap | | 10 days | Fri 05/3/18 | Suct 05/3/27 | - 54 | | 17 | | | N State State State | 11327 | - 10 - | |
| | - 1070 (S. 1070) (S. 1070) | arts and determine pile founding levels | 21 days | Mon 05/3/28 | Sim 05/4/17 | <u>,</u> 9 | nation (| | | | | 52 ERTECTION | l | di i |
| | Colling for permanent | niae | 282 days | Sat 05/1/1 | Sum 05/10/9 | | - 1 | | 53 (* MUMININ | | | ***** | | |
| | | thed statement for pring | 33 daya | Sat 05/1/1 | Wed 05/2/2 | | anter a | | M FEIDENTE | En la sector | | 1 | | |
| | Submission for Er | | 112 days | The U5/2/3 | Wed 05/5/25 | ······ | | | an garaasa | and a second second second | 12121222222222222 | INTERNISTING (CONTRACTOR) | **************** | |
| 8 | Vertical prelimina | | 15 days | Thu 05/5/26 | 1hu 05%69 | 17,52,53,327 | ++ | | | | i : | arteceptiesettory | 36 3 | E i |
| £ | | nving land plant (E1, H1, E2, H2) | 30 days | Tue 05/6/28 | Werl 05/7/27 | | 1 | | 1 | | | | | Lao I |
| | | (A11, B8, B11, C8, C11, D8, D11) | 18 days | Sun 0546/19 | Wed 05/7/6 | 128 | | | | | | 2.4 | | |
| 2 | Temporary platfor | | 21 days | 'Thu 05/3/7 | Wed 05/7/27 | 18 | N92312 | | | | 8.9 | 3 | 1 | 8 |
| 2 | | (remaining 14 uos.) | 35 days | Thu 05/7/7 | Wed 05/8/10 | 11 | anna i | | 1 | | | 1 | 1 : | 12 |
| | | y piles and testing (B10) | 15 days | Thu 05/7/28 | The 05/8/11 | \$5.39 | | | 1 | -45 | 1 S | | | |
| 1 | | | 44 days | Fri 05/8/12 | Sat 05/9/24 | 64 | | | | | | - | | 84 |
| 2 | Ralang main piles | | 15 days | Sun 05/9/25 | Sun 05/10/9 | 62 | | | | | | 1 | | |
| t | Pile test for main | the second s | A STATE OF STATE | | | alianaaa | | | 1 | | | | | 12 |
| 1 | Construction of pile | | 212 days | Fri 05/6/10 | Sat 06/1/7 | 51 St. 18-192 | inini (| | | 1 | 前部に目 | | | 1 |
| | | aproval of precast yard | 61 daya | Fri OSAFIU | Tue 05/8/9 | | | | | | | | | |
| Ι., | | units at precast yard | 61 days | Wed 05/8/10 | Sun 05/10/9 | | | | 1 | | | | 1 | |
| 85 | erm-tertied. | recking of falsework for pile cap and deck | 62 days | Sun 05/7/10 | Pri 05/9/9 | 1 | | | 1 | 1 | | | 1 | |
| | Submission of cal | eplation and method statement for | 30 days | Sat 0.5/9/10 | Sen 05/10/9 | 67 | | ¥1 | | | | 3 | 1 | 1 |
| | Erection of talsee | al rock for installation of precast units. | 20 days | Man 05/10/10 | Sat 05/10/29 | 08,63 | | 11 10 | | 1 | | | | |
| 115 | | 11111111111111111111111111111111111111 | | | ****** | - | and the second | terrest of the | | | 10000000000 | | | des. |
| a ara No | 0.0002004002 | Ker-1 Tak (2333233233233233 | I Pragress | 1 | Sterany | C | (V) BRABBABA (V) | Childal Tads (Sec.1, § 2) | 800038339253 | Crisicial Trak (Sec 2) | 122777228 | 823. | | |
| derities | ganette Version 21 | - Sulii | Commencement | | 40.00 | en Milonaue 🛸 | * | Ontioni Testa (See 1) | 27/1/22/228 | (white and the second se | THERE | 1201 | | |

| tecc | tract No.: CV/2004/02 onstruction of Wong Shek and Lau Wan Public Piers | | | Mas | (Version 2) | | | | | e P | encement Completion Trogramme | Date: 151 n Date: 6d e Date: 21 | h Nov 20 b Aug 20 st Feb 20 |
|------------|---|---------------|----------------------------|--------------------------|---|---|---------------------|-----------------|--|--------------|-------------------------------------|---------------------------------------|---|
| n î | Task Nem: | Diction | \$ m | Finith | Prolocessors | anglang, Mr. N. P.W. | The states Law | page 1 B | uro Iseuel with in the second s | de 103 | Mri na leven hvorfysor hv | li Age Di Wentuna West | 12 3138 12 3138 |
| = 1 | Installation of precast units with in-situ pile caps | 60 days | Mon 05/30/10 | Thu 05/12/8 | 56,68,63 | 10.110.4 08.112811.9 | eerdssamerb | 1091 ACT 221 22 | Dr. (61.9.1411-1416-15.62 | 1 1 | Chicologica and | Can I was a feature of the second | 100000000000000000000000000000000000000 |
| | Cashing of in-situ pier deck | 30 days | Fri 05/12/9 | Sat 06/1/7 | 70,78 | | 1 | | | | 1 | | |
| | Construction of bollards | 30 days | Fri 05/12/9 | Sat 06/1/7 | λ | | | | | | 1 | | 13 |
| ۲Ì | Installation of corresion monitoring system | 91 days | Sun 05/10/9 | Sat 06/1/7 | A. 4944444 | | | ÷ | | | | | |
| | Approval of specialist contractor and method statement | 61 days | Sun 05/10/9 | Thu 05/12/8 | | | | | | | i i | | 3 |
| 1 | Installation of convision monitoring system | 30 days | Fri 05/12/9 | Sal 06/L/7 | 76,74 | 1 1 | | 1 | 2 | 13 | 1 | 1.18 | 1 |
| | Roof over system | 272 days | Tue 05/8/9 | Sun 06/5/7 | ***** | | | 1 | | | | | |
| 4 | Approval of sporialist contractor | 61 days | Tue 05/8/9 | Sat 05/10/8 | | | | i | | 1 | 1 | | 1 |
| e i | Submission of weekshop drawings for connection details with | 61 days | Sen 05/10/9 | Thu 05/12/8 | | | | i. | | | | 10 | 1 |
| | deck | ion minut | | | | 1. | | - | | | 1.1 | | Į. |
| 11 | Material submissions | 91 days | Son 05/10/9 Son 05/10/9 | Sat 06/1/7 Sat 06/1/7 | | 1 | | 5 | - | 143 | | 1.2 | 1 |
| њ) | Saturnizsion of weekshop drawing for remaining roof system | 91 daşs | in a concern and an | | | 1 1 | | ÷. | | 19 - C | 1.1 | 4 8 | 1 |
| 11 | Construction of stool works | 60 days | Sun 06/1/8 | Wed 06/3/8 | 71,80,79 | 1 2 | | | 1 | 1 | | ÷ | |
| 24 | Exection, of real covers | āli days | Thu 05/3/9 | Sun 06/5/7 | 81 | | | 発売 | | | 1 81 | | |
| 1 | Murrying-In to landside | 121 days | Wed 06/3/8 | Thu 06/7/6 | | 4 | 53 | | i. | 1 | | 1 | |
| t t | Application of Excavation Permit | 90 days | Wed 06/3/8 | Mon 06/6/5 | 1 | | 8 | | ÷ | 1 1 1 1 | 1 1 | 1 | |
| * | Site works | 31 dnys | Tue 06/6/6 | Thu 06/7/6 | 84,31 | 1 | | | 1 | | 187 B. | 1 | |
| 10 | Electrical system, CLP meter box and lighting system | 220 daşs | Mon 05/10/10 | Wed 06/5/17 | | 1 | | | | ê | N= 04 | 1 | |
| а. | Approval of specialist contractor | 30 days | Mon 05/10/10 | Tue 05/11/8 | STATUL STAT | | - 5 | | 1 | | 1 | | 1 |
| 6 | Leason with CLP and EMSD | 60 days | Wed 05/11/9 | Sat 06/1/7 | 87 | | | | | 8 ac | 1 | | |
| 06 | To stallation | 120 duys | Sun 0fs/1/8 | Sup 06/5/7 | 71,86 | 1 | | | ÷ | - 1 B | | | |
| έr: | Besting. | 10 days | Man 06/5/8 | Wed 06:5/17 | 39 | - | | | 1 | | | | |
| 能带 | Construction of floor finish | 121 days | Wed 06/3/8 | Thu 06/7/6 | | | 2 | | 8 | 1 | | | |
| 6. T | Material automissions | 61 days | Wed 06/3/8 | Sun 06/5/7 | | | | | 5 | | | | |
| e i | Sile works | 60 days | Mon 06/5/8 | Thu 06/7/6 | 42.92 | | | | | | 1 | = 25 | |
| + 1 | Construction of hand railing seating beaches and notice | 150 days | Tue 06/2/7 | Thu 66/7/6 | 1 | 1 | | | d3 | | | | |
| 8 I. | boards Material submission | 60 days | Tas: 06/2/7 | Fri 06/4/7 | a management of | | 1 | 1 | 17 | | | | |
| 3 | Construction | 90 days | Sal 05/4/8 | Tini 05/7/6 | 19136 | | | 1 | 3 | 4.1 | | | |
| 1. 1 | Installation of fender system | 190 days | Thu 05/12/29 | Thu 06/7/6 | • • | | 1 | - | | 1.1 | 1 | | |
| w | Maiorial submission | 31 days | Thu 05/12/29 | Sat 06/1/28 | · • { · • • • • • • • • • • • • • • • • | - | | | | | | | |
| 3 | Ordering of meterial | 59 days | San 06/1/29 | Tite 06/3/28 | 199 | 4 | | | | | 1 2 | | |
| RIC . | Site works | LCG days | Wed 06/3/29 | Thu D6/7/6 | 71,99 | 1 1 | 8 | | | 日 王 | | | |
| ut. | Relucation of navigation light by Marine Dept. | 92 days | Fri 06/4/7 | Fri 86/7/7 | | | 4 | 8 | | | | | |
| 122 | Application to Marine Department | 91 daya | Fri 0644/7 | Thu 06/7/6 | | 1 | | 8 | | | 20 | | |
| 1200 | | l | | L., | a - 191 - 1 - 1 - 11 - 11 - 11 - 11 - 1 | | an Maran | | ····· | | - <u>1</u> | | |
| | Kentel Test (1551815133223) | Progenas | _ | Summary | . ()m | Colloart | 時夏の1825 | 10000000000 | Critical Task (Sec.) | 122222 0 | 30170 | | |
| ', entre d | Weighten (Without 1) | | | | 0.0000 | 100 March 1 | | | Mainenince Parin | × | | | |
| | Split | Commissioners | Elliso101% | Complete | or. Mileston | CONTROL 1 | rak (See 1) | Accessees 120 | assessenting of the state | e constatață | o estates? | | |

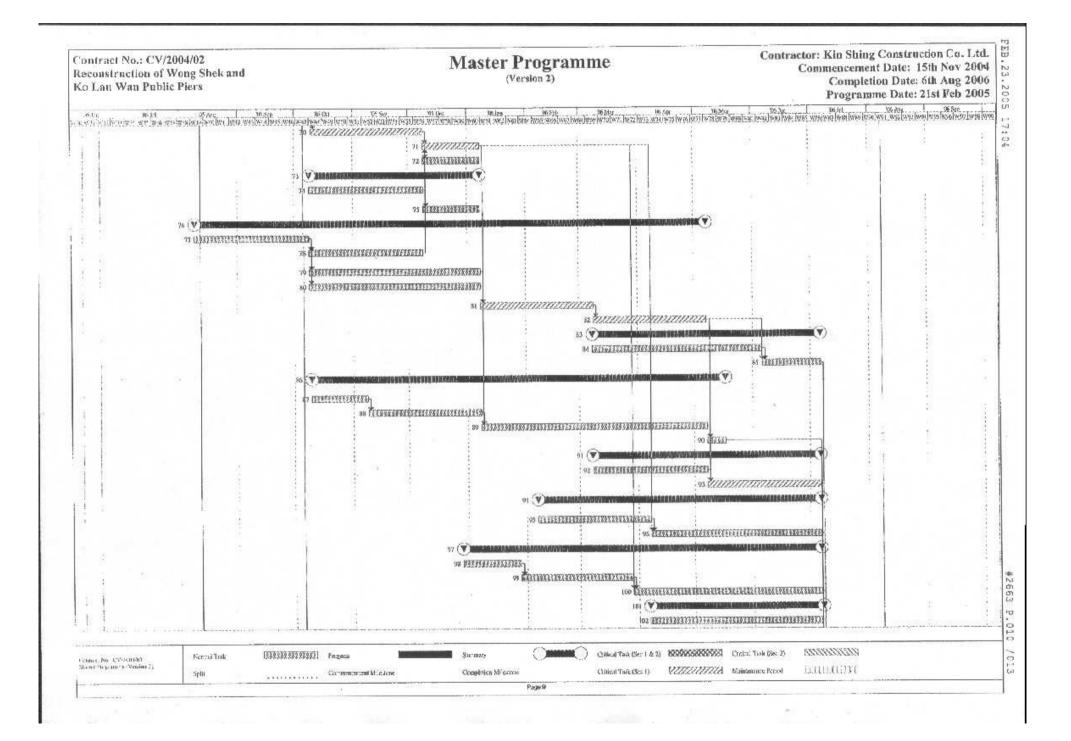
| leco | ract No.: CV/2004/02 nstruction of Wong Shek and au Wan Public Piers | | | Mas | ter Progra (Version 2) | Completion Date: 6th Aug 2 Programme Date: 21st Feb 2 | 2004 2006 2005 |
|---------|--|--------------|--------------|-------------|--|---|----------------------|
| 1 - | T-46, N980. | Diastica | Stact | Pins'- | Profession | પ્રશ્ની 30 માટે ગામ 20 માટે દાજ દાજા જાણ દાજા 12 માટે 12 માટે પ્રાથમિક માટે 12 માટે ગામ 20 મ | GERMA |
| | Relocation | 1 day | Fyi 06/7/7 | Fri 06/7/7 | (105,93,91,84,310,56 | | a. and |
| r _ | Commissioning of the pier | 1 day | Sat 06/7/8 | Sat \$6/7/8 | ing. | | 3 |
| IS . | Demolition of the temporary berth and the existing pier | 151 days | Thu 06/3/9 | Sam 06/8/6 | | | |
| 6 ± | Survey of axisting structures | 31 days | Thu 06/3/9 | Sac 06/4/8 | A CONTRACTOR A CONTRACTOR | | |
| +1- | Design and ICE checking of demolitions plan | 61 days | San 06/4/9 | Thu 06/6/8 | 106 | | |
| | Submitation for Engineer's commones | 30 days | Fri 06/6/9 | Sat 06/7/8 | 107 | | £ |
| 1.1 | Obtain consent from Country and Marine Park Authority | 30 days | Fri 06/6/9 | Sat 06/7/8 | 107 | | |
| 2 | Domolitisu | 29 days | Sam 06/7/9 | Sun 06/8/6 | 104,109,108 | | |
| | Ministenance Period for the Works | 365 days | Maa 06/8/7 | Mon 07/8/6 | ±10 | | i |
| | crion 2 (Ku Lan Wan Public Pier) | | | - | | | |
| Œ | Cural Survey | 626 days | Mon 04/11/15 | Wed 86/8/2 | | 113 (*) | Inna |
| | Sole system and approval of specialist and method statement | 73 days | Mon (4/11/15 | Wed 05/1/26 | | | - |
| | Initial costs sarsey and approval by AFCD | 18 days | Sato 05/2/20 | Wed 05/3/9 | 101.25 | | 1 |
| | Coral transforation | 4 days | Thu 05/3/10 | Sun 05/3/13 | | 115 15555555 | |
| | Post insulation survey | 4 days | Mon 05/3/14 | Thu 05/3/17 | | | 1 |
| | Post pice construction survey | 15 days | Wed 06/7/19 | Wed 06/8/2 | 397 | | 1 |
| | Temporary cover to existing pice | 123 days | Mon 04/11/15 | Thu 05/3/17 | | | |
| | Design and ICE checking | 66 days | Mon 04/11/15 | Wed 05/1/19 | | | |
| | Suberissian for Engineer's contaent | 30 daya | Thu 05/1/20 | Fci 05/2/18 | 120 | 10 12012010201020100000 | |
| 0 | Lirection | 23 days | Sat 05/2/19 | Snt 05/3/12 | 121 | 10 124 45 121 121 | |
| 4 | Certified by ICE and commissioning | 5 days | Sun 05/3/13 | Thu 05/3/17 | 122 | 121 [3] | |
| | Provision of responsity berth | 247 days | Mon 0411/15 | Tue 05/7/19 | | 124 🐨 RUISMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMAMA | SAGE |
| | Design and ICE checking of temporary berth | BO days | Mon 04/11/15 | Wed 05/2/2 | | 12 (INTERNET STUDIED INTERNET INTERNET | |
| 80 | Submission for Engineer's commont | 81 days | Tho 05/2/3 | Sun 05/4/24 | 125 | 126 | |
| 1 | Filing (phase 1) | 31 days | Mon 05-4/25 | Wed 05/5/25 | 123.136,117,23,30.25,42 | 127 20225302365322355 | į. |
| | Piliry (Phase 2) | 9 days | Fri 05/6/10 | Sat 05/6/16 | 56 | | |
| 5 | Deck construction and installation of fenders | 25 daya | Sun 05/6/19 | Wed 05/7/13 | FV8 | | |
| | Relocation of sovightion light by Marine Dept. | 81 days | Man 05/4/25 | Thu 05/9/14 | ······································ | 120 (* 1117) (* 1117) | |
| | Application to Marine Department | BO days | Mon 05/4/25 | Wed 05/7/13 | ********************** | an DEFENSION | 1371 |
| é. | Relocation works | 1 day | Thu 05/7/14 | Thu 05/7/14 | 139,331 | | |
| | Cartified by ICE, texting and commissioning of berth | S days | Fri 05/7/15 | Tue 05/7/19 | 112 | | |
| 1 | Demolition of port of the existing pier | 115 duys | Man 05/4/18 | Wed #5/8/10 | | 134 🐨 24444 66441 6541 66441 | 1011 |
| 15 | Survey of existing cructures | 31 days | Mon 05/4/18 | Wed 05:5/18 | | 1.5 997393913932391 | - 10 |
| 2× | Design and ICT checking of demolition plun | 32 days | The 05/5/19 | Sun 05/6/19 | .194 | n6 <u>Čn</u> | 1117 |
| u+) 7/1 | AN INTERNET PROVIDENTIAL | Rogen | - | Summery | | 1112211111111 5 582397160110 ESS252828 (E.E.I. 20) ACT BARD | |
| astri D | ngrazime (Verrio) 71 Split | Conservation | Villastens | Cernolatin | on Millerove | Chitesi Task (Sec.1) 2222222222 Ministerior Period CCUTES (112) | |

| leco | ract No.: CV/2004/02 astruction of Wong Shek and an Wan Public Piers | | | Mas | (Version 2) | | | | Commenceme Comple Program | g Construction C ent Date: 15tb No tion Date: 6th Au nme Date: 21st Fe | ry 2004 ig 2006 ib 2005 |
|------------|---|--------------|---------------|--------------|---|-----------------------------------|-----------------------------|---|--|--|-------------------------------|
| | Tsitline | Darectical | Stat | Finish | Androessan | Willweiwilweiwilweiwilwei | De Lucius lus lus | n l Di Frè | Mar I With Mar I | Wi Age hi Aler was was house was house was | 4 I |
| ×- | Submission for Engineer's comments | 30 days | Mout 05/6/240 | Tue 05/7/19 | 136 | V(316-37.01) M2 (185 - M81 00 136 | 21.892740099399.38 | (1909) (1007) (2190) (2017) (190) | Competence and | The Constant of the Constant o | |
| κ, I | Liaison with local residents | 30 days | Mon 05/6/240 | Tue (15/7/19 | 135 | | 1 | | | | - ett. |
| ы | Denshing | 22 days | Wed 05/7/20 | Wed 05/8/10 | 133.138,197 | | | | | | |
| 3 6 | Grassad investigation | 129 days | West 04/12/29 | Fri 05/5/6 | | | Lau (V) 1000000000 | 1881440AIAAAA | USBARD STREET, STRE | (V) MARKAMARKANA | |
| ii) | Submission for Engineer's commont | 68 days | Wed 04/12/29 | Son 05/3/6 | | | (4) <u>\$\$\$\$\$\$\$\$</u> | <u>HEREITA COMPANY</u> | 1253555 | 122 | |
| ż | Ground investigation works on sile | 20 days | Fri 05/3/18 | Wed 05/4/6 | 141.36,117 | | | 1 | 142 1111111111 | ²⁰ 1 : | |
| ι¥. | Preparation and approval of reports | 10 days | The 05/4/7 | Sut 05/4/16 | 942 | | | 1 | 14 | 3 (1 11333) | 34 |
| | Submission of reports to determine pile founding levels | 20 daya | Sun 05/4/17 | Eni 05/5/6 | H3 | | 30 | | | 114 BETTETETET | 1 |
| 6 | Pilling for permanent pior | 342 days | _ Sat 05/1/1 | The 05/12/8 | | | 145 9 19991000 | 0999998 0 000000000000000000000000000000 | And the second second | International Society of the second | 19990896699 |
| 8- | Compilation of method statement for pilling | 33 days. | Sal 05/1/1 | Wed 05/2/2 | 1 | | H6 (<u>\$\$\$\$3</u>) 6H | INTERNET | | | and a |
| (É | Submission for Engineer's commont | 189 days | 'Hau 05/2/3 | Wed 05/8/10 | 140 | | | 147 23333580280 | <u> </u> | FILL REAL FLAT FLAT FLAT FLAT FLAT FLAT FLAT FL | 10101000 |
| 163) 1 | Vertical preliminary pile and leating | 15 days | Thu 05/8/11 | Thu 05/8/25 | 147,139,65,140 | | | 2 | | | |
| 4 | Verneal amin piles (EL,E4,D1,D4,C1,C4) | 20 days | Fri 05/8/26 | Wed 05/9/14 | 193 | | | | | | |
| i. | Temporary platform for roking pile | 21 days | The 05-9/15 | Wed 05/10/5 | 119 | | | | | 2 | 13 |
| Č. | Vertical main pile (remaining 15 nos) | 45 days | Thu 05-9/15 | Sut 05/10/29 | 189 | 1 | | 4 | | | - 3 |
| | Raking preliminary piles and losting | Łő duys | Tha 05/16/6 | Fyi 05/10/21 | 110,62 | | | | | | - 3 |
| a Ť | Roking main piles (remaining 9 nos) | 33 days | Sat 05/10/22 | Wod 05/11/23 | 152 | | | | | 5 | 5 |
| e; | Pile tests for main piles | 15 days | Thu 05/11/24 | Thu 05/12/8 | 171,133 | l E | | 1 | | | 100 |
| 51 | Construction of plic cap and deck | 201 days | Weil 05/8/10 | Sun 06/2/26 | | 18 E. | - T-2 | | | | 3 |
| 41 | Submission and approval of precist yard | 60 days | Wed 05/8/10 | Sat 05/10/8 | Second Second | | <u>ii</u> | | | | |
| ų. | Custing of precast units, at precast yard | 60 days | Mon 05/10/10 | 12u 05/12/8 | 158 | | 1 | | 1 1 | | |
| -1 | Design and ICE checking of falsework for pile cap and deck | 60 days | Sat 05/9/10 | Tue 05/11/8 | | | | | | | |
| м., | consumation Submission of calculation and anothed statement for Regeneor's approval | 30 days | Woll 05/11/9 | Thu 05/12.8 | 158 | | | | | | |
| 1 | Frection of lidsework for installation of precast units | 20 days | Pri 05-12/9 | Wed 05/12/28 | 159,854 | | 1 | | | | |
| 1 ** | histallation of precast units with modul pile capa | 55 days | Fri 05/12/9 | Wed 06/2/1 | 157,154 | | - | | 11 1 | | |
| FR | Casing of main pier dock | 25 days | Thu 06/2/2 | Sun 05/2/26 | 101,144 | | | | | | |
| e# | Construction of bollards | 25 days | Thu 06/2/2 | Sun 06/2/26 | 161 | | | 1 | | 語 | |
| Ni | Installation of corrosion monitoring system | 85 tlays | Sun 05/12/4 | Sam 06/2/26 | | | | 1 | 11 1 | | |
| 450 | Approval of specialist contractor and method statement | 60 days | San 05/12/4 | Wed 06/2/1 | | | | 1 | | | 8. |
| + | Jusial arias of concesson moniforing system | 25 daya | Thu 06/2/2 | Sun 01v2726 | 141,163 | 왕 왕 - 유 - | | | | | 9 |
| 32 | Construction of villa | 110 daya | Pri #6/2/17 | Tue 06/6/6 | | 10 10 | | 1 | 11 | 1 | |
| - | Concrete structure | 50 days | Man 06:2/27 | Mon 06/4/17 | 162 | | | 1 | 11 | 3 | 0.0 |
| 20 | Friend | 110 days | Fri 06/2/17 | Tue 06/5/6 | | | 1 | 1 | | | 18 |
| 30 | Material submission | 60 days | Fn 06/2/17 | Man 06/4/17 | In the second s second second se second second s | | 20 | | | 4 | 44 |
| 26 | Construction | 50 days | Tue 06/4/18 | Tue 06466 | 158.370 | 1 | | 1 | | 1 | ą |
| were og | nts CV1965-12 International Construction | 240 C | | Sutramers | (A=+7) | 1015 | | | TUTUTUT | | |
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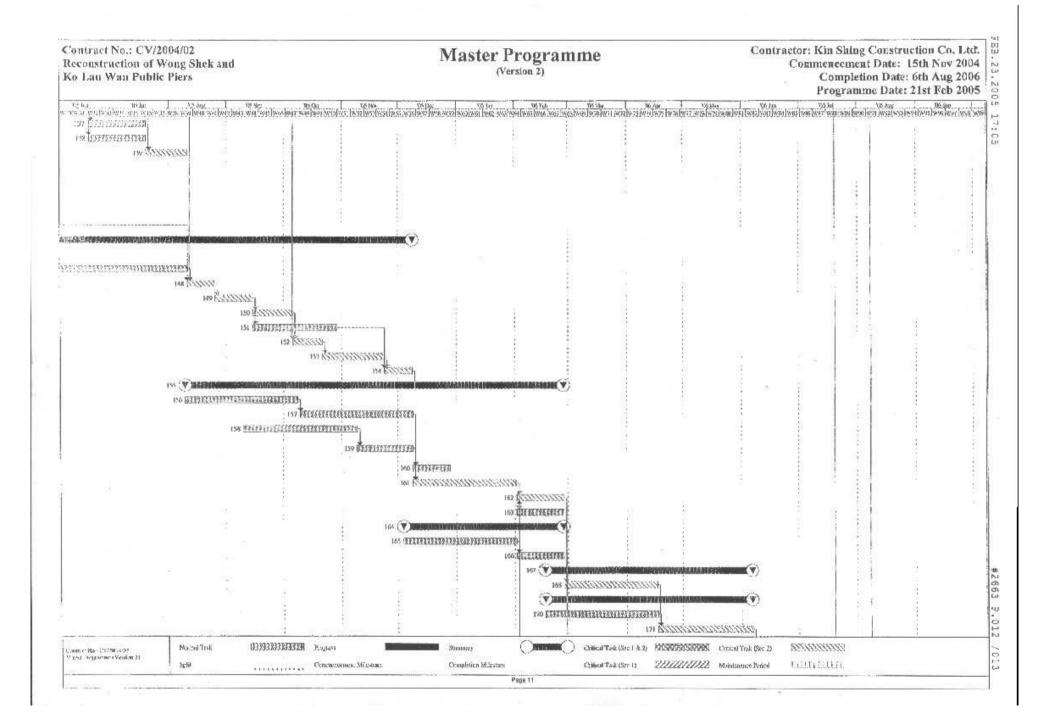
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| Suranussion of work disck Material submission Submission of work Construction of size Frection of soot cost Frection of floor of Frection Frecting Frecting | eshop drawings for connection details with is shop drawing for remniaing roof system al works vers P meter box and lighting system ist contractor nd EMSD finitsh | 60 days 60 days 85 days 85 days 50 days 50 days 200 days 60 days 100 days 10 days 10 days 10 days | Sun 05/12/4 Sun 05/12/4 Sun 05/12/4 Mon 06/2/27 Tue 06/4/18 Tue 05/11/29 Tue 05/11/29 The 05/11/29 The 05/12/29 Mon 06/2/27 Wed 06/6/7 The 06/3/9 | Wed 06/2/1 Sun 06/2/26 Sun 06/2/26 Man 06/4/17 Tue 06/6/16 Pri 06/6/16 Wed 05/12/28 Sun 06/2/26 Tue 06/0/6 Pri 06/6/16 Sun 06/7/16 | 171 | | | | | | | | |
| disck Material submission Submission of work Construction of side Frection of soof cos Electrical system, CLP Approval of special Liaison with CLP an Installation Testing Construction of Boor f Material submission Sitz works Construction of hund a boards Material submission Material submission Material submission Material submission | is shop drawing for remnining roof system el works rers P meter box and lighting system ist contractor nd EMSD | 85 days 85 days 50 days 50 days 200 days 30 days 60 days 100 days 10 days 10 days 10 days | Sun 05/12/4 Sun 05/12/4 Mon 06/2/27 Tue 06/4/18 Tue 05/11/29 Tue 05/11/29 The 05/11/29 The 05/12/29 Mon 06/2/27 Wed 06/6/7 Thu 06/3/9 | Sun 06/2/26 Sun 06/2/26 Man 06/4/17 Tue 06/6/6 Pri 06/6/16 Wed 05/12/28 Sun 06/2/26 Tue 06/6/6 Pri 06/6/16 Sun 06/7/16 | 171 | | | | | | | | |
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| Provide of 2007 cov Electrical system, CLP Approval of special Listison with CLP an Installation Testing Construction of Paor f Material submission Sitz works Construction of hand a boards Material submission | vers 9 meter box and lighting system 1st contractor nd EMSD finitsh | 50 days 200 days 30 days 60 days 100 days 10 days 10 days 100 days 90 days | Tue 06/4/18 Tue 05/11/29 Tue 05/11/29 The 05/12/29 Mon 06/2/27 Wed 06/6/7 The 06/39 | Tue 06/6/6 Fri 06/6/16 Wed 05/12/28 Sun 06/2/26 Tue 06/6/6 Fri 06/6/16 Sun 46/7/16 | 171 | | | | | | | | |
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| Installation Testing Construction of Boor 6 Material submission Sile works Construction of hund a bourds Material submission | finish | 100 days 10 days 130 days 90 days | Mon 06/2/27 Wed 06/6/7 Thu 96/3/9 | Tue 06/6/6 Fri 06/6/16 Sun 06/7/16 | 1.62, 189 1.82 | | | 8 | | | | | |
| Testing Construction of Boor I Material submission Site works Construction of hand a bourds Material submission | 91999) | 10 days 130 days 90 days | Wed 06/67 Thu 06/3/9 | Fri 06/6/16 Sun 06/7/16 | 142 | | | 8 | | 3 | | | |
| Material submission Site works Construction of hund r bourds Material submission | 91999) | 130 days 90 days | Thu 06/3/9 | | | | 80 | | | 1.2 | | | |
| Site works Construction of hand a hourds Material submission | ns | 90 days | Thu 06/3/9 | ******* | | | 10 I. | | 1 | | | | |
| Construction of hond a hourds Material submission | ***** | and the second second | | Tac 06466 | - | | | | 1 | ÷ | | | |
| bourds Materral submission | | 40 days | Wed 06/6/7 | - Sun 06/7/16 | 1,74,185,171 | - | a. | | 1 | | | | |
| Material submission | railing, senting benches and notice | (50 days | 1/ri 06/2/17 | Sun 86/7/16 | | | | | | | | | |
| Construction | n | 60 days | Pi-i 06/2/17 | Man 06/4/17 | | | 1 | | 1 | 1 | | | |
| | | 90 days | Tue 06/4/18 | Son 06/7/16 | 183 | | | | 1 | ÷ | 100 | | |
| Installation of feuder a | aystem | 190 days | Sun 06/1/8 | Sun 86/7/16 | | | | | | | | | |
| Mutarial submission | n Alexandra (Alexandra) | 31 days | Sun D6/178 | Tue 06/2/7 | | | | | 1 | 1 | | | |
| Ordering of moteria | 41 | 59 days | Wed 06/2/8 | Fri 06/4/7 | 191 | | | | 100 | 3 | 2 | | |
| Site works | 93 En 6556296 | 100 days | Sat 06/4/8 | Siats 06/7/16 | 192 | | | | 4 | 1 | | | |
| | on light by Marine Dept. | 92 days | Mon 06/4/17 | Mon 06/7/17 | | | | | ÷. | | 10 A | | |
| Application to Mari | ine Department | 91 days | Mon 06/4/17 | Sunt 06/7/16 | | | | | | | | | |
| Relocation | | l day | Mon 06/7/17 | Mon 06/7/17 | 153,193,195,396,189 | | | | 1 | 4 | | | |
| Commissioning of the | pler | 1 day | Tue #6/7/18 | Tue 66/7/18 | 196 | 3 | | | 1 | - | | 1 | |
| Demolition of the temp | porary berth and the existing pier | 141 days | Sun 06/3/19 | Sun 06/8/6 | | | | | 1 | 8 | ł. | | |
| Survey to existing a | strijolure | 31 days | Son 06/3/19 | The 06/4/18 | | | 1 | | 1 | | 1 | | |
| Design and ICE che | ecking of demolition plan | 64 days | Wed 06/4/19 | Sun 06/6/18 | 195 | | | | 1 | | | 2 | |
| 1 Submission for Eng | ginoer's comments | 30 days | Men 06/6/19 | The 06/7/18 | 2890 | | 8 1 1 | | | 1.0 | | * | |
| Eiaizon with local a | residenta | 30 days | Mon 06/6/19 | Tue 06/7/18 | 202 | | 1 | | 1 | | | 4 | |
| Demaikion | | 19 days | Wed 06/7/19 | Sim 05/8/6 | 107,202,201 | ** | | | | | 1 | - | |
| Maintenance Period fo | for the Worles | 365 days | 31on 06/8/7 | Alon #7/8/6 | 203 | 1 | ; | | | | in en en en el come | | م و عمار و م |
| i | r | | 1 | <u></u> | | | | | Paul March | 1 | | | |
| ernan Nevri Veybernet aakt Theya Basis (Metaru 2) | News 7.01 GENERALIN | Pangras | 100-0-0 | Southers | | Children Tao | 1. (Sec. 1. 8:2) 15555555 | | iend Trak (Sec. 2) | 152025 | | | |
| | Selit | Commencement 2 | Mileatons | Correlatio | on M_208.000 | Chics/Past | 1 (See I) 22222 | 27 <u>2222</u> 2 Mri | ntonenor Netted | 0.5703 | LUU II | | |

| ontract No.: CV/20 econstruction of W .o Lau Wan Public | ong Shek and | | | Master] | Program (ersion 2) | me | | Comme Comme P | in Shing Construction encoment Date: 15th completion Date: 6th rogramme Date: 21st | h Nov 2004 1 Aug 2006 st Feb 2005 |
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| iterieren wennen | | ***** | | £***¥1179197377777777 | ********** | 7474546495355737575759369369 | | ******* | | k te |
| CENTRAL CONTRACTOR CONTRACTOR | 110011111110000000000000000000000000000 | | | (45000000000000000000000000000000000000 | 1922A21211160949148948 | | | 9 | 9 1 <u>0202228</u> 25555555555 | TRISSING CONTRACTOR |
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| térzerateskennakinnik | FETTO TATANA CONTRACTOR OF | UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU | | *************************************** | ABBAAN CONSCIENCES | NUBBER AND A STREET | NAMO ISSUED FAINT THE REAL | PROFESSIONAL CONTRACTOR & SUITE & SUIT | IER BEFFERREISSESSAM ZIAMANN | Ċ. |
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| Contract No.: CV/20 Reconstruction of W Ko Lau Wan Public | ong Shek and Piers | | | 3# 175E-043 | rsion 2) | | | | Commencement Completio Programm | Construction Co. Ltd. Date: 15th Nov 2004 n Date: 6th Aug 2006 e Date: 21st Fe b 2005 |
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| ret Soc. († V. Stille Fil) er P. Sgenner (* - Vrgelov, 2) | No.mel Task Sp. k | CHERTRICAGE | Providence and Milesters | Suncoup Cargelosae Mikatens | Million () | Conce Tesk (Sec 3 & 2) Crickel Tesk (Soc 3) | 1999/98/1999/1878 1922/2222/2222 | | <i>MERICAN</i> MERICAN | |



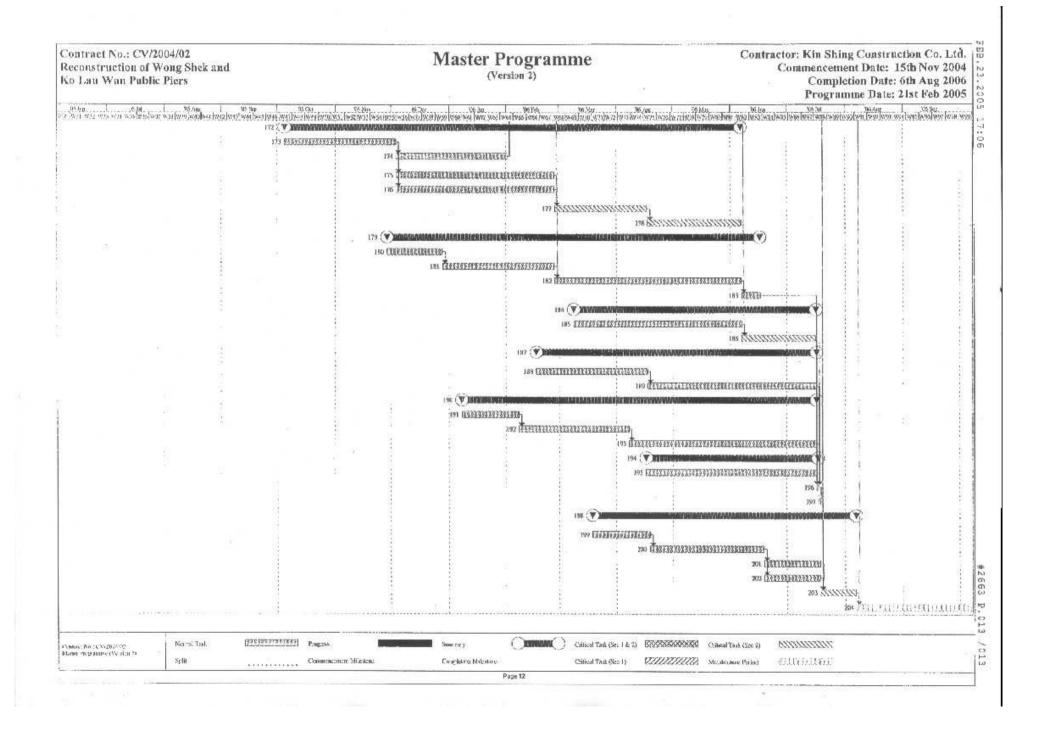




Figure 4.1

Layout of Environmental Monitoring Stations

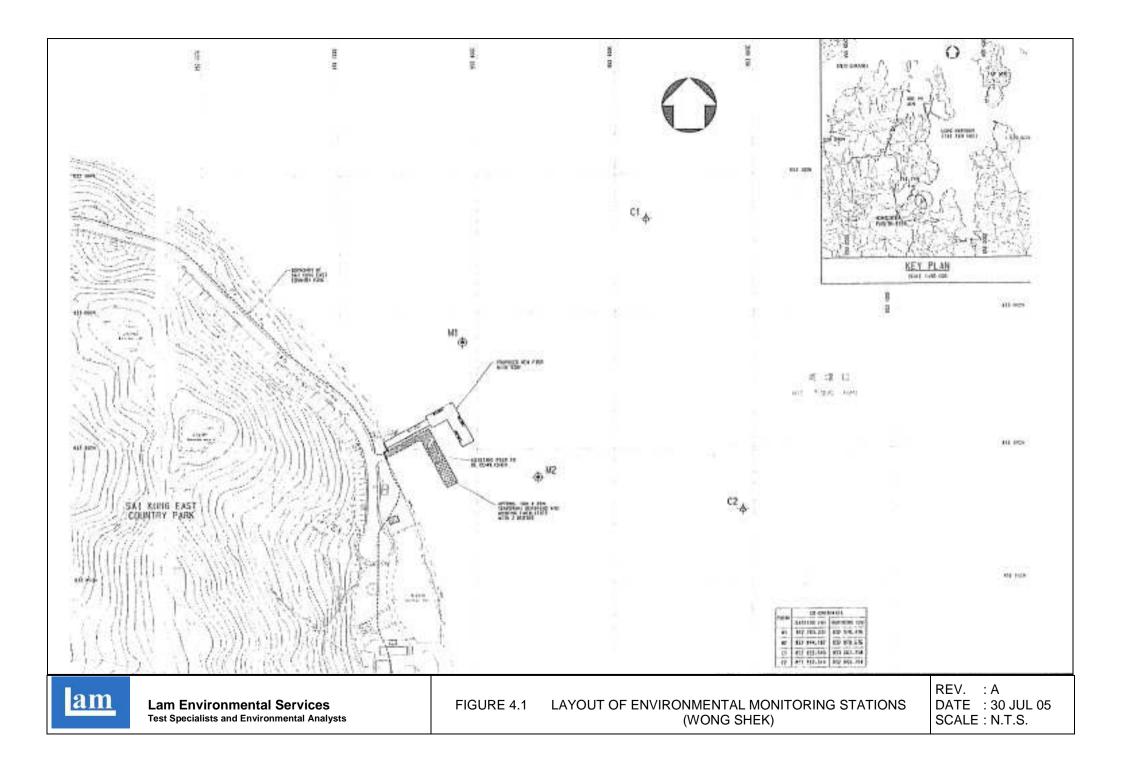
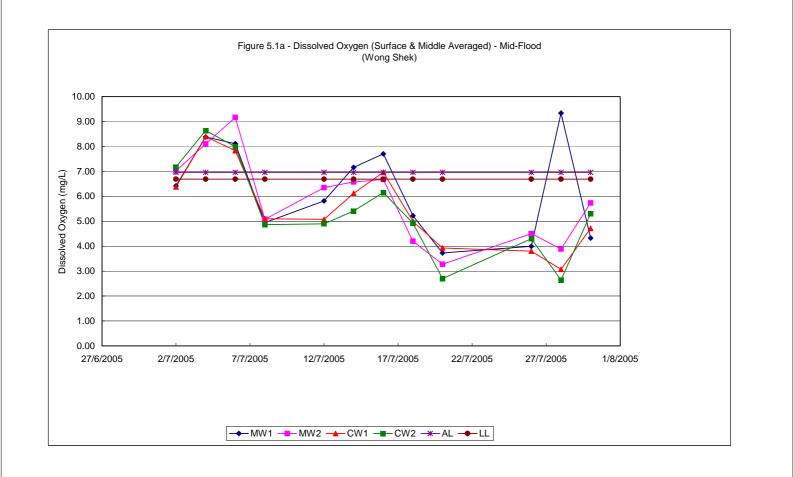
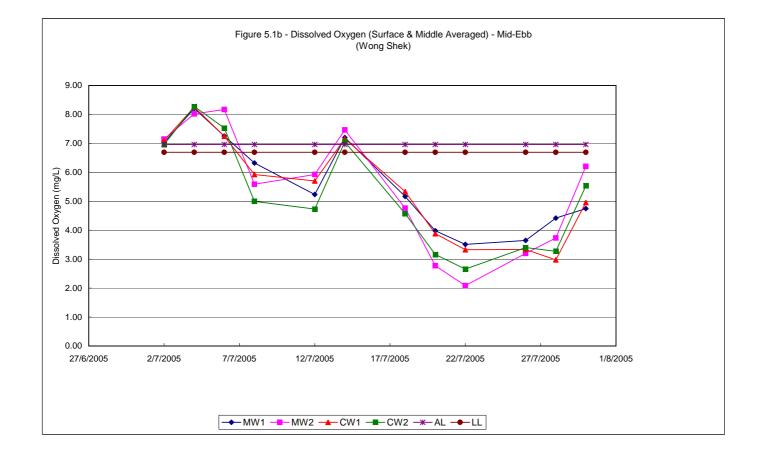


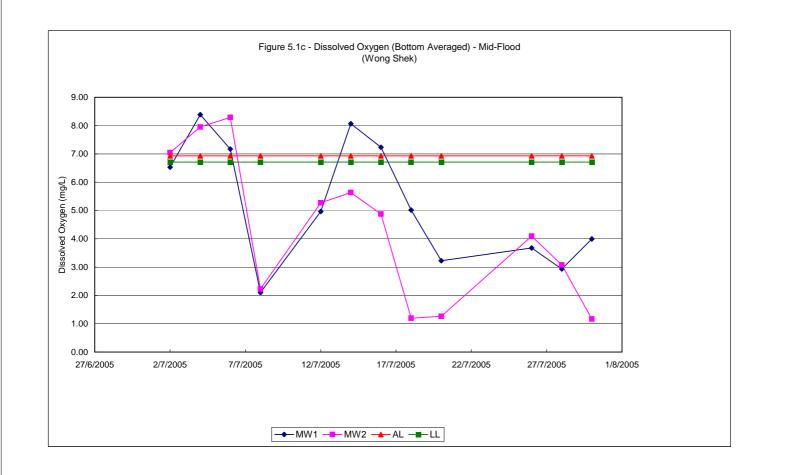


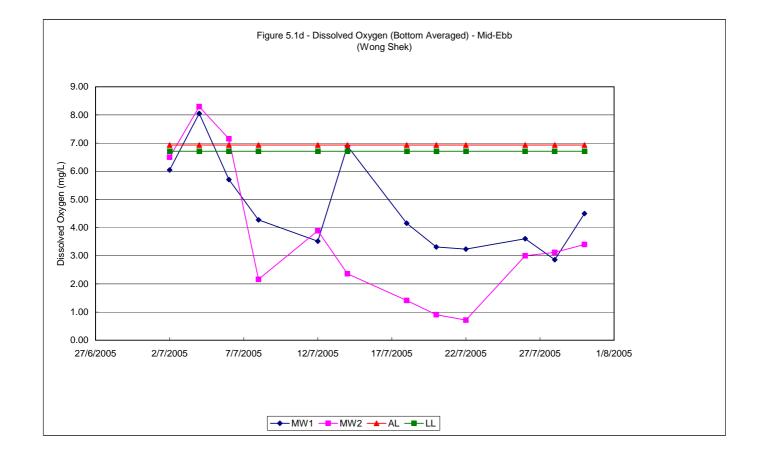
Figure 5.1a-h

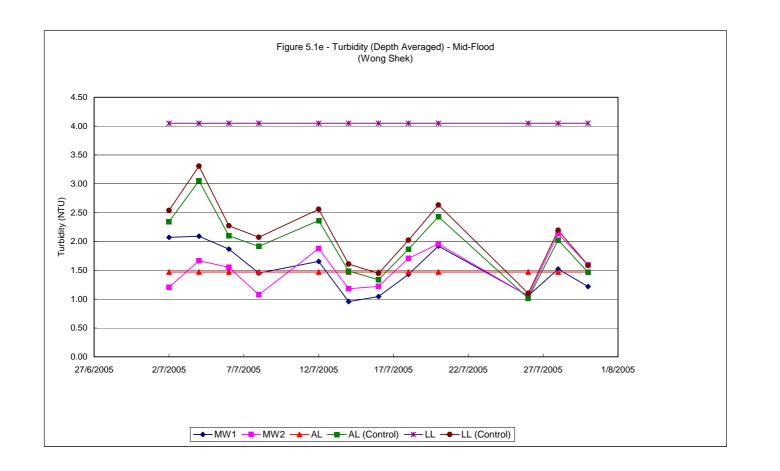
Graphical Plots of Water Quality Monitoring Results

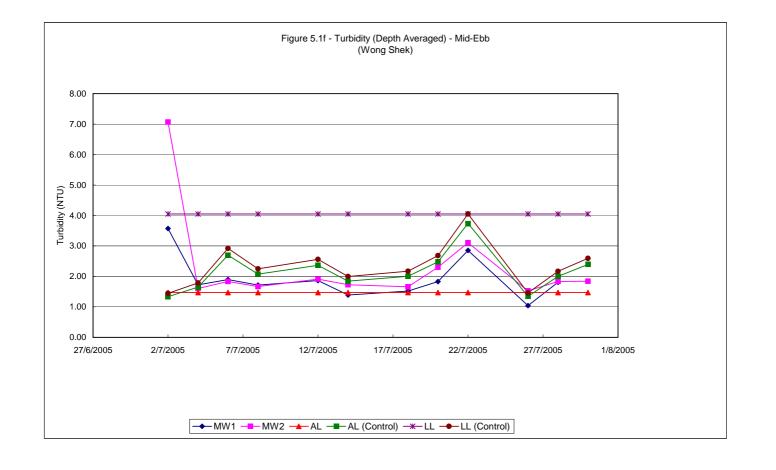


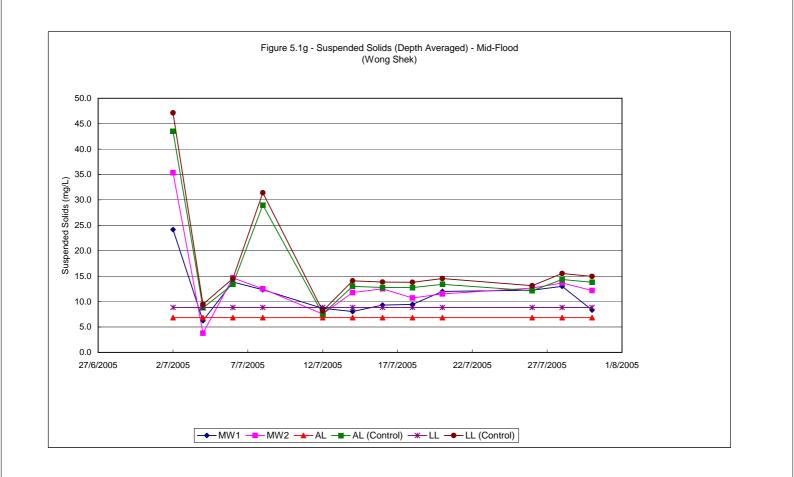


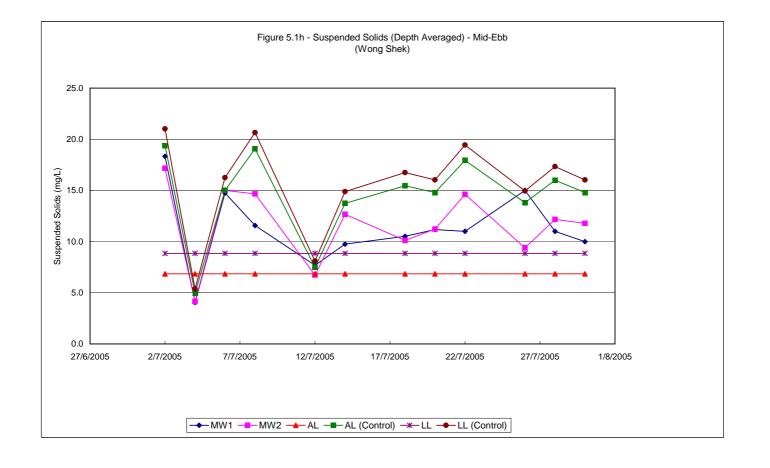














Appendix A

Organization Chart



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

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



Appendix B

Implementation Schedule of Mitigation Measures

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

Implementation Schedule of Mitigation Measures - Wong Shek



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

Implementation Schedule of Mitigation Measures - Wong Shek



Appendix C

Calibration Certificates for Monitoring Equipment

Record sheet for calibration of Water Sonde

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

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

B DO (% Saturation) Calibration

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

Laboratory Check

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

probe reading 0.00 %

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

Standards Used : _____ ppt ____ , _____ ,

Check Standard : ppt Readout Value : ppt

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

D <u>Conductivity Calibration</u>

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

Check Standard : Readout Value : (mS/cm)

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

E <u>Turbidity Calibration</u>

Standards Used : ______, _____, (NTU)

Check Standard : _____ Readout Value : ____(NTU)

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

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

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

Date : 16 Sunt 016 Certified by:

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

CALIBRATION OF BIOCHEMICAL OXYGEN DEMAND PROBE (BY WINKLER TITRATION)

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

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

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

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

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

Calculation:

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

Cartified by:

\\Lab\Common\Calibration\ICform\Ic51

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

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

Calculation:

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

(4) Calibration of temperature compensator

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

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

(5) Linearity Check of BOD probe

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

Record sheet for calibration of Water Sonde

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

A <u>Temperature Check</u>

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

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

B DO (% Saturation) Calibration

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

Laboratory Check

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

| probe reading | % | | In D.D. calibration |
|---------------------------------|---------------------------------|-----------------|---------------------|
| | · · · | Regnarks: | 10 pp.t. stal. |
| C <u>Conductivity (Salinity</u> | y Calibration) | | + 10.35 ppt |
| Standards Used : | ppt, | , | |
| Check Standard : 35.55 | ppt Readout Value : 35 | 25 ppt | |
| Difference between readout v | value and actual value should b | be less than 3% | ю. |

D Conductivity Calibration

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

 Check Standard :
 Readout Value :
 (mS/cm)

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

E Turbidity Calibration

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

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



Appendix D

Water Quality Monitoring Results

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

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

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

Thermometer:

EM

6167

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

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

Thermometer:

EM 6167

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

 EM
 2365
 Calibration Check:
 9.9
 NTU

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

Thermometer:

EM 6167

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

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

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

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

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

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

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

 EM
 2365
 Calibration Check:
 9.8
 NTU

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

Thermometer:

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

 EM
 2365
 Calibration Check:
 9.9
 NTU

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

Thermometer:

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

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

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

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

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

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

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

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

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

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

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

Thermometer:

EM 6167

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

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



Appendix E

Monitoring Schedule - Upcoming month

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

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

Notes:

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

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

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