Chun Wo Construction & Engineering Co Ltd

Contract No HY/2005/06 Castle Peak Road Improvement – West of Tsing Lung Tau

Monthly Environmental Monitoring and Audit Report for Reclamation Works (EP No EP-219/2005) May 2006

Second Issue

Chun Wo Construction & Engineering Co Ltd

Contract No HY/2005/06 Castle Peak Road Improvement – West of Tsing Lung Tau

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June 2006

This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party

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12 June 2006

Dear Sir.

Contract No. HY/2005/06 Castle Peak Road Improvement -- West of Tsing Lung Tau Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) - May 2006

We refer to the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) - May 2006 received via emails on 8 June 2006 from Ove Arup & Partners Hong Kong Ltd., the Environmental Team (ET) of Castle Peak Road Improvement - West of Tsing Lung Tau (Remaining Contract).

Having addressed the IEC's comment on 12 June 2006, the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) - May 2006 is verified to be acceptable for onward submission to the Engineer, HyD, EPD and AFCD.

Should you have any inquiry or comment, please do not hesitate to contact the undersigned or our Miss Connie Wong at 3105 8530.

Yours faithfully for and on behalf of Maunsell Environmental Management Consultants Ltd

Y T Tang Independent Environmental Checker

CC

MHJV Arup

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ARUP

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Executive Summary

This is the third monthly environmental monitoring and audit (EM&A) report presenting the progress of environmental monitoring and audit works for the reporting period between 1 May 2006 and 31 May 2006. Noise monitoring at Grand Bay Villa was temporarily suspended as the premises were vacant with no resident. Marine water monitoring and weekly environmental site audit were carried out during the reporting period.

Marine Water Quality

Impact marine water quality monitoring was conducted during mid-ebb and mid-flood tidal cycles at 10 designated locations including 5 impact and 5 control stations. A baseline check was conducted on 27 February 2006 prior to the commencement of marine works and a compliance checking mechanism was established in accordance with the criteria specified in Baseline Monitoring Report.

Summary of Mid-Ebb Tide

The lowest DO levels for surface & middle and bottom positions were 4.9 mg/L at WWA1 and 4.7 mg/L at WWFCZ2 respectively on 15 May 2006 respectively. There were 2 exceedances of DO levels during reporting period when compared with the established baseline check criteria in Section 3.3 of this report. However, it was unlikely due to the construction activities of this Project.

The highest depth-averaged Tby level was 16.4 Nephelometric Turbidity Unit (NTU) at WWA2 on 4 May 2006. There were 6 exceedances of Tby levels at WWA1, WWA2 and WWA3 on 4, 15, 24 and 26 May 2006 when compared with the established baseline check criteria in Section 3.3 of this report.

The highest depth-averaged SS level was 21.0 mg/L at WWA2 on 4 May 2006. There were 7 exceedances of SS levels at WWA1, WWA2 and WWA3 on 4, 15, 18, 24, 26 and 30 May 2006 when compared with the established baseline check criteria in Section 3.3 of this report.

Summary of Mid-Flood Tide

The lowest DO level for surface & middle position was 4.9 mg/L at WWA1 on 15 May 2006 and that for bottom position was 4.9 mg/L at WWA1, WWA3 and WWFCZ2 on 15 May 2006. There were 4 exceedances of DO levels during reporting period when compared with the established baseline check criteria in Section 3.3 of this report. However, it was unlikely due to the construction activities of this Project.

The highest depth-averaged Tby level was 28.3 NTU at WWA1 on 4 May 2006. There were 5 exceedances of Tby levels at WWA1, WWA2 and WWA3 on 2, 4 and 24 May 2006 respectively when compared with the established baseline check criteria in Section 3.3 of this report.

The highest depth-averaged SS level was 34.3 mg/L at WWA1 on 4 May 2006. There were 4 exceedances of SS levels at WWA1, WWA2, WWA3 and WWFCZ2 on 4, 15 and 24 May 2006 during reporting period when compared with the established baseline check criteria in Section 3.3 of this report.

Environmental Auditing

A total of 4 environmental site audits were conducted on a weekly basis in May 2006. No nonconformance to the environmental requirements was identified during the reporting period. The improvement actions against observations during the site audits for the CT included:

Air quality: Regular watering during dry and windy days;

Water quality: Regular maintenance of silt curtains, frequent clearing of mud trails and stagnant water;

Waste management: Frequent clearing of construction waste and general refuse; and

Handling of chemical waste: Provision of driptray for oil drum.

Waste Disposal

A total of 41 tonnes of Construction & Demolition (C&D) waste and a total of 18,097 tonnes of C&D materials (17,127 tonnes by truck and 970 tonnes by barge) were disposed of at WENT Landfill and Public Filling Reception Facility at Tuen Mun Area 38 respectively in May 2006. No chemical waste was disposed of during the reporting period.

Complaint Records

No environmental complaint was received during the reporting period.

Exceedance

There were exceedances of DO, Tby and SS levels for marine water quality in May 2006 when compared with baseline check criteria. The exceedances of Tby and SS levels on 2, 4, 15, 18, 24 and 26 May 2006 were likely due to construction works of the Project. The CT mobilised workers to repair the rock bund and silt curtain immediately. With the remedial work implemented, the subsequent marine water quality monitoring data indicated resumption to normal ambient conditions.

Exceedances of DO recorded on 15 May 2006 were marginal and comparable to the levels at their respective control stations (ambient levels). This may be due to influence of typhoon or natural variation of marine water quality. The exceedance of SS at WWA1 on 30 May 2006 was only marginal to the Baseline Check Criteria and 0.1mg/L higher than the respective control station. Hence, the exceedance was unlikely due to the construction works of the Project.

Notification of Summons and Successful Prosecution

No notification of summon and prosecution was received during the reporting period.

Environmental Licences

The CT was approved to dispose of C&D materials to PFRF at Tuen Mun Area 38 in May 2006.

1 Introduction

Ove Arup & Partners Hong Kong Limited (Arup) was appointed by the Contractor (CT) – Chun Wo Construction & Engineering Co. Ltd as the Environmental Team (ET) for *Contract No. HY/2005/06 Castle Peak Road Improvements – West of Tsing Lung Tau* (hereafter called the "Project"). The reclamation at west of Tsing Lung Tau is covered by an Environmental Permit (EP) No. EP-219/2005 issued in June 2005 with reference to Section 6 of the Technical Memorandum on Environmental Impact Assessment Ordinance (TM-EIAO). The EP was issued following the approval of the application to apply directly for an EP based upon the Project Profile. In accordance with the EM&A Manual, environmental monitoring for construction noise and marine water quality will be required during the construction and operational phases. The construction phase of the Project commenced on 28 February 2006.

1.1 Project Background

The Castle Peak Road (CPR) Improvement works consist of upgrading the existing CPR to provide a dual two-lane carriageway of "Rural Road A" classification between Area 2 (Tusen Wan) and Ka Loon Tsuen. The CPR Improvement project is divided into three contracts, namely HY/99/18 (West Contract), HY/99/19 (Middle Contract) and HY/2000/02 (East Contract).

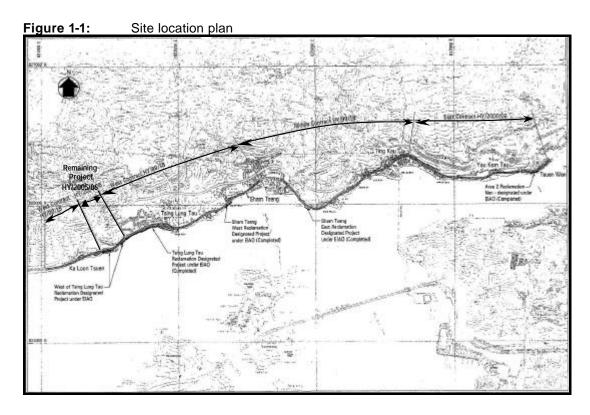
Prior to inviting tenders for Contract No. HY/99/18, a section of the proposed works, between Ch.1+800 and Ch.2+240, west of Tsing Lung Tau, was excised from the Project and entrusted to the Route 10 – North Lantau to Yuen Long Highway project. This 440m long section of CPR was located under the proposed Route 10 suspension bridge, and was to form part of the works area for the Route 10 project. The Route 10 project team revised the alignment of this section of CPR accordingly to suit the arrangement of the Route 10 suspension bridge.

Following subsequent developments, the Route 10 project was placed under review, and Government therefore decided to implement the excised section of CPR (the Remaining Project) under the original CPR Improvement project. **Figure 1-1** shows the site location plan.

Additional reclamation (0.58 ha) at west of Tsing Lung Tau is required to support part of the remaining section of road improvement works and the additional reclamation works constitutes a material change to the reclamation works at Tsing Lung Tau.

The scope of the construction works covered by this Project is summarised as follows:

- The area of reclamation to the east of Grand Bay Villa is about 0.12 ha. The length of this part of the reclamation, measured parallel to the road, is about 107 m, and the maximum width, measured from the existing High Water Mark (HWM) to the proposed toe of the scour apron is about 16 m, of which about 13 m is sloping revetment;
- The area of reclamation west of Grand Bay Villa is about 0.46 ha. The length of this part of the reclamation, measured parallel to the road, is about 172 m, and the maximum width, measured from the existing High Water Mark (HWM) to the proposed toe of the scour apron is about 38 m, of which about 15 m is sloping revetment.



1.2 Project Organisation

The project organisation chart for environmental management is shown in Figure 1.2.

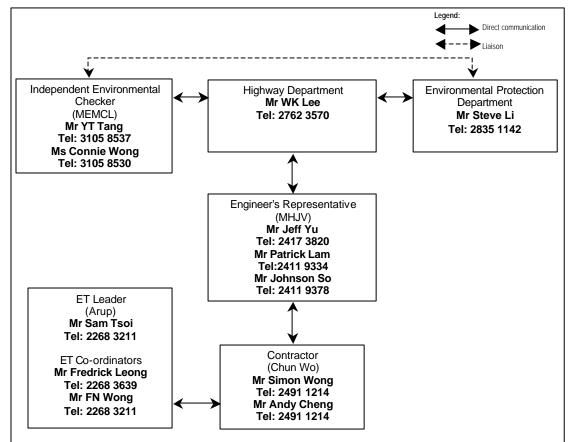


Figure 1-2: Project organisation chart

G:ENVPROJECT\24583\REPORTS\MONTHLY\2006-05\RECLAMATION WORK\$\05-MAY-06 (RECLAMATION) - REVA.DOC 24583-05 The Project Proponent is Highway Department; the Engineer's Representative (ER) is Mouchel Halcrow Joint Venture (MHJV); the Contractor (CT) is Chun Wo Construction & Engineering Co. Ltd; the Independent Environmental Checker (IEC) is Maunsell Environmental Management Consultants Ltd (MEMCL) and the ET leader is Arup.

The overall duties of ET Leader and the team are as follows:

- sampling, analysis and statistical evaluation of monitoring parameters with reference to the EIA study and subsequent reviews recommendations and requirements in respect of noise, dust and water quality;
- environmental site surveillance;
- audit of compliance with environmental protection and pollution prevention and control regulations;
- monitor the implementation of environmental mitigation measures;
- monitor compliance with the environmental protection clauses/specifications in the Contract;
- review construction programme and comment as necessary;
- review construction methodology and comment as necessary;
- complaint investigation, evaluation and identification of corrective measures;
- audit of the effectiveness of mitigation measures and EMS (if applicable) and recommend and implement any changes as appropriate.
- liaison with IEC on all environmental performance matters;
- advice to the CT on environmental improvement, awareness, enhancement matter, etc., on site; and
- Timely submission of the EM&A reports to the ER, IEC and DEP.

The duties of IEC include the followings:

- review and audit all aspects of the EM&A programme;
- validate and confirm the accuracy of monitoring results, monitoring equipment, monitoring locations, monitoring procedures and locations of sensitive receivers;
- carry out random sample check and audit on monitoring data and sampling procedures, etc;
- conduct random site inspection;
- audit the EIA, subsequent reviews and Environmental Permit recommendations and requirements against the status of implementation of environmental protection measures on site.
- review the effectiveness of environmental mitigation measures and project environmental performance;
- audit the CT's construction methodology and agree the least impact alternative in consultation with ET Leader and the CT;
- check compliant cases and the effectiveness of corrective measures;
- review EM&A report submitted by the ET Leader; and
- feedback audit results to ET Leader by signing off relevant EM&A proformas.

1.3 Impact EM&A Requirements

The impact environmental monitoring and audit for the Project included noise, marine water quality and environmental site audit.

1.4 Purpose of the Report

The purpose of the monthly EM&A report is to provide the information on monitoring methodology, monitoring results, environmental permit status, site audit findings, recommendations and conclusions for the scope of impact EM&A specified under EP No. EP-219/2005.

This is the third monthly EM&A report summarising the monitoring methodology, locations, periods, frequencies, results and any observation from the noise, marine water quality and environmental site audit from 1 May 2006 to 31 May 2006.

2 Scope of Construction Works

2.1 Construction Programme

The construction work was commenced on 28 February 2006. An up-to-date construction programme is attached in **Appendix A**.

2.2 Construction Activities of the Month

The major construction activities carried out by CT in May 2006 included:

- Construction of bored pile retaining wall;
- Construction of Seawall A;
- Construction of Seawall B; and
- Slope Remedial Works.

3 Summary of EM&A Requirements

Marine water quality and noise monitoring at Grand Bay Villa will be conducted by an ET at all specified monitoring locations during the construction stage. Environmental site audits will also be carried out.

The monitoring schedule for May 2006 and the tentative schedule for June 2006 are attached in **Appendix B**.

3.1 Construction Noise

3.1.1 Monitoring Parameters

Construction noise monitoring will be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{10} and L_{90} will also be recorded as supplementary reference information for data auditing.

3.1.2 Monitoring Frequency

Noise measurements will be conducted on a weekly basis. The monitoring time periods, monitoring parameters and frequency are summarised in **Table 3-1**.

Time Period (when construction activity is found)	Parameters	Monitoring Frequency	No. of Measurements for Each Monitoring	
Between 0700-1900 hours on normal weekdays	Leq(30 min)		1	
Between 1900-2300 hours on normal weekdays		Once per		
Between 2300-0700 hours of next day	Leq(5 min)*	week	3 (consecutive)	
Between 0700-1900 hours on holidays				

Table 3-1: Construction noise monitoring parameters and frequency

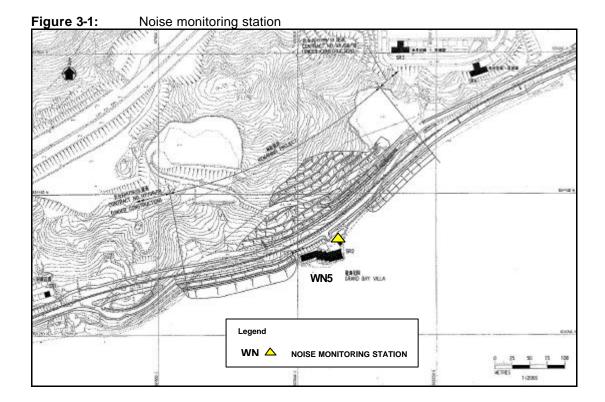
The $L_{eq(5,min)}$ will only be measured if construction activities are conducted in holidays and between the period of 1900 and 0700 hours during normal weekdays.

3.1.3 Monitoring Location

Noise monitoring will be conducted at one designated location as shown in **Figure 3-1**. The details of the noise monitoring location are given in **Table 3-2**. The measurements will be taken at a position 1m from the exterior of building faç ade and at a position of 1.2m above ground.

Noise Monitoring Station No.	Location	Monitoring Point	Remarks
WN5	Grand Bay Villa	G/F, House 1	Monitoring temporarily suspended *

Grand Bay Villa is currently vacant with no resident. Construction noise monitoring at WN5 temporarily suspended until the premises are occupied.



3.2 Marine Water Quality

3.2.1 Monitoring Parameters

Marine water quality monitoring will include Turbidity (Tby) in the unit of NTU, Dissolved Oxygen (DO) in the unit of mg/L and Suspended Solids (SS) in the unit of mg/L. In addition to the water quality parameters, other relevant data such as monitoring location/position, time, water depth, water temperature, salinity, DO saturation, weather conditions, sea conditions, tidal stage will be recorded as far as practicable together with observations of any special phenomena, works underway at the construction site, etc.

3.2.2 Monitoring Frequency

Impact marine water quality monitoring will be conducted three times per week, at mid-flood and mid-ebb tides and at 10 designated monitoring locations. The interval between two sets of monitoring will not be less than 36 hours.

3.2.3 Monitoring Locations

A total of 10 locations, 5 for impact and 5 for control were specified for marine water quality monitoring in accordance with the EM&A Manual, which are summarised in **Table 33** and shown in **Figure 3-2**.

Marine Water Quality	Monitoring Location No.	Location			
	Eastings	Northings			
West of Grand Bay Villa	WWA1 (Impact Location)	821981	824282		
West of Orana Day villa	WRA1 (Control Location)	821776	824078		
Grand Bay Villa	WWA2 (Impact Location)	822141	824352		
Grand Day Villa	WRA2 (Control Location)	822283	824107		
East of Grand Bay Villa	WWA3 (Impact Location)	822222	824429		
Last of Orang Day villa	WRA3 (Control Location)	822625	824222		
	WWFCZ1 (Impact Location)	823500	823870		
Ma Wan Fish Culture Zone	WWFCZ2(Impact Location)	822943	823983		
	WFCZR1 (Control Location)	824024	824333		
	WFCZR2 (Control Location)	822677	823547		

Table 3-3: Marine water quality monitoring locations



Figure 3-2: Marine water quality monitoring locations

3.3 Performance Limits and Event and Action Plan

The monitoring results will be checked against appropriate standards and requirements. A two-tier system performance limits have been established in the Project specific EM&A Manual. The "Action Level" and the "Limit Level" (A/L) are established according to the EPD requirements. The ET, ER, IEC, and CT will take corresponding action in accordance with the Event-Action Plans if the monitoring results exceed the performance limits.

3.3.1 Construction Noise

The A/L Levels for the construction noise have been established during the baseline monitoring as summarised in **Table 3-4**.

Table 3-4: Action and Limit Levels of co	Distruction noise	
Time Period	Action Level	Limit Level
0700 - 1900 hours on any day not being a Sunday or public holiday	When one documented complaint is received	75dB(A)

Table 3-4: Action and Limit Levels of construction noise

The action required to be taken by different parties in the case of exceedance of A/L Levels are summarised in the Event and Action Plan in **Table 3-5**.

Table 3-	5: Event and Activ	Action					
Event –	ET Leader	IEC	ER	СТ			
Level 2 3	 Notify IEC and the CT. Carry out investigation. Report the results of investigation to the IEC and the CT. Discuss with the CT and formulate remedial measures. Increase monitoring frequency to check mitigation effectiveness. 	 Review with the analysed results submitted by ET. Review the proposed remedial measures by the CT and advise ER accordingly. Supervise the implementation of remedial measures. 	 Confirm receipt of notification of exceedance in writing. Notify the CT. Require the CT to propose remedial measures for the analysed noise problem. Ensure remedial measures are properly implemented. 	 Submit noise mitigation proposals to IEC. Implement noise mitigation proposals. 			
Level 2 3 4 5 6 7	 Notify the IEC, the ER, the DEP and the CT. Identify the source. Repeat measurement to confirm findings. Increase monitoring frequency. Carry out analysis of CT's working procedures to determine possible mitigation to be implemented. Inform the IEC, the ER, and the DEP the causes & actions taken for the exceedances. Assess effectiveness of the CT's remedial actions and keep the IEC, the DEP and the ER informed of the results. If exceedance stops, cease additional monitoring 	 Discuss amongst the ER, the ET Leader and the CT on the potential remedial actions. Review the CT's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. Supervise the implementation of remedial measures. 	 Confirm receipt of notification of exceedance in writing. Notify the CT. Require the CT to propose remedial measures for the analysed noise problem. Ensure remedial measures are properly implemented. If exceedance continues, consider what activity of the work is responsible and instruct the CT to stop that activity of work until the exceedance is abated. 	 Take immediate action to avoid further exceedance. Submit proposals for remedial actions to IEC within 3 working days of notification. Implement the agreed proposals. Resubmit proposals if problem still not under control. Stop the relevant activity of works as determined by the ER until the exceedance is abated. 			

 Table 3-5:
 Event and Action Plan for construction noise

3.3.2 Marine Water Quality

Based on the baseline water quality monitoring data obtained. The A/L levels established using the baseline marine water quality monitoring data are shown in **Table 36**. If the water quality monitoring results at any impact stations exceeded the criteria, the actions in accordance with the Event-Action Plan in **Table 3-8** should be carried out.

As the baseline monitoring was conducted in September to October 2005, the established A/L Levels will be more representative to the marine water quality during summer months. To cope with any potential variation of baseline levels due to change in weather conditions, baseline check will be conducted in bi-annual basis in order to update any variation of the baseline water quality at the monitoring locations.

The first baseline check was conducted on 27 February 2006 prior to the commencement of marine works and the updated marine water quality monitoring data were summarised in **Table 3-7**. Compliance assessment for future impact monitoring data will be made against the updated baseline check criteria as follows:

- Tier 1 Comparison of water quality monitoring data at Impact Stations with the A/L Levels (Table 3-6) established in the Baseline Monitoring Report. If the data comply with A/L Levels, go to Tier 2. Otherwise, non-compliance will be reported and Event and Action Plan will be triggered.
- Tier 2 Comparison of water quality monitoring data at Impact Stations with the Baseline Check Level (80% of average values of baseline check data collected at 10 monitoring locations for DO and 120% of average values of baseline check data collected at 10 monitoring locations for Tby and SS) (Table 37). If the impact water quality is better than Baseline Check Level, compliance will be reported. Otherwise, go to Tier 3.
- Tier 3 Comparison of water quality monitoring data at Impact Stations with the respective Control Stations. If the impact water quality is better than the respective Control Station, compliance will be reported. Otherwise, non-compliance will be reported and Event-Action Plan will be triggered for implementation of action based on exceedance of Action Level.

		Monitoring locations										
Parameters		WWA1		ww	WWA2		WWA3		WWFCZ1		WWFCZ2	
			Limit Level	Action Level	Limit Level							
					Mid	-ebb						
DO	Surface & middle	3.5	3.5	3.5	3.4	3.4	3.3	5.0 *	5.0	5.0 *	5.0	
(mg/L)	Bottom	3.4	3.4	3.4	3.3	3.4	3.2	3.7	2.0	3.6	2.0	
-	Tby (NTU)	7.4	7.7	6.7	6.9	7.8	8.3	6.4	8.6	6.7	7.0	
Ś	SS (mg/L)		26.0	22.2	23.1	24.6	25.2	26.3	30.3	22.6	22.9	
					Mid-	flood						
DO (mg/l)	Surface & middle	3.3	3.3	3.4	3.3	3.5	3.3	5.0 *	5.0	5.0 *	5.0	
(mg/L)	Bottom	3.2	3.2	3.2	3.2	3.2	3.2	3.3	2.0	3.5	2.0	
1	Tby (NTU)	6.9	7.2	7.6	8.2	8.7	10.7	7.4	11.0	5.9	6.5	
	SS (mg/L)	24.1	24.3	23.5	23.6	22.3	23.5	24.4	25.8	27.4	28.0	

T	\mathbf{A}	
Table 3-6:	Action and Limit Levels of marine water quality established in Baseline Monitoring Report *	

Notes:

[#] Action and Limit Level for marine water quality were extracted from Baseline Monitoring Report, April 2006.

* Based on the criteria in Table 4-6 of Baseline Monitoring Report, the originally established action levels of DO for fish culture zone at surface & middle level were all below the 5.0 mg/L.

Parameters		Monitoring locations						
	r di di lictei S	WWA1	WWA2	WWA3	WWFCZ1	WWFCZ2		
			Mid-	ebb				
DO (mg/l)	Surface & middle	5.4	5.4	5.4	5.4	5.4		
(mg/L)	Bottom	5.4	5.4	5.4	5.4	5.4		
	Tby (NTU)	6.5	6.5	6.5	6.5	6.5		
	SS (mg/L)	13.0	13.0	13.0	13.0	13.0		
			Mid-f	lood				
DO (mg/l.)	Surface & middle	5.3	5.3	5.3	5.3	5.3		
(mg/L)	Bottom	5.3	5.3	5.3	5.3	5.3		
	Tby (NTU)	6.6	6.6	6.6	6.6	6.6		
	SS (mg/L)	17.0	17.0	17.0	17.0	17.0		

Table 3-7: Marine water quality data obtained in the baseline check on 27 February 2006

Table 3-8: Event - Action plan for marine water quality

Event			Action	
	ET Leader	IEC	ER	СТ
Action Level				
Action level being exceeded by one sampling day	 Repeat in-situ measurement to confir findings. Identify source(s) of impact. Inform the IEC and the CT. Check monitoring data, all plant, equipme and the CT's working methods. Discuss mitigation measures with the IE and the CT. Repeat measurement on next day exceedance. 	 the CT on the mitigation measures. 2. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. 3. Assess the effectiveness of the implemented mitigation 	 Discuss with the IEC on the proposed mitigation measures. Make agreement on the mitigation measures to be implemented. 	 Inf orm the ER and confirm notification of the non-compliance in writing. Rectify unacceptable practice. Check all plants and equipment. Consider changes of working methods. Discuss with the ET Leader and the IEC and propose mitigation measures to the IEC and the ER. Implement the agreed mitigation measures.
Action level being exceeded by more than one consecutive days	 Repeat in-situ measurement to confir findings. Identify source(s) of impact. Inform the IEC and the CT. 	the CT on the mitigation measures.2. Review proposals on mitigation	 Discuss with IEC on the proposed mitigation measures. Make agreement on the mitigation measures to be implemented. 	 Inform the ER and confirm notification of the non-compliance in writing. Rectify unacceptable practice. Check all plants and equipment.
	 Check monitoring data, all plant, equipme and the CT's working methods. Discuss mitigation measures with the IE and the CT. Ensure mitigation measures a 	 and advised the ER accordingly. Assess the effectiveness of the implemented mitigation 	 Assess the effectiveness of the implemented mitigation measures. 	 Consider changes of working methods. Discuss with the ET Leader and the IEC and propose mitigation measures to the IEC and the ER within 3 working days. Implement the agreed mitigation
	 implemented. 7. Prepare to increase the monitoring frequent to daily. 8. Repeat measurement on next day exceedance. 			measures.
Limit Level	exceedance.			<u> </u>
Limit level being exceeded by one sampling day	 Repeat in-situ measurement to confir findings. Identify source(s) of impact. Inform the IEC, the CT and the DEP. Check monitoring data, all plant, equipmen and the CT's working methods. Discuss mitigation measures with the IEC the ER and the CT. Ensure mitigation measures a implemented. Increase the monitoring frequency to dai until no exceedance of the Limit Level. Repeat in-situ measurement to confir 	 the CT on the mitigation measures. 2. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. 3. Assess the effectiveness of the implemented mitigation measures. 	 Discuss with IEC, the ET Leader and the CT on the proposed mitigation measures. Request the CT to critically review the working methods. Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented mitigation measures. Discuss with IEC, the ET Leader and the CT 	 Inform the ER and confirm notification of the non-compliance in writing. Rectify unacceptable practice. Check all plants and equipment. Consider changes of working methods. Discuss with the ET Leader, the IEC and the ER, and propose mitigation measures to the IEC and the ER within 3 working days. Implement the agreed mitigation measures. Inform the ER and confirm notification of
exceeded by more than one consecutive days	 Ropert an one modernment to be commutation of the findings. Identify source(s) of impact. Inform the IEC, the CT and the DEP. Check monitoring data, all plant, equipment and the CT's working methods. Discuss mitigation measures with the IEC the ER and the CT. Ensure mitigation measures a implemented. Increase the monitoring frequency to dai until no exceedance of the Limit Level for tw consecutive days. 	 the CT on the mitigation measures. 2. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. 3. Assess the effectiveness of the implemented mitigation measures. 	 Distribution of the proposed mitigation measures. Request the CT to critically review the working methods. Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented mitigation measures. Consider and instruct, if necessary, the CT to slow down or to stop all or part of the marine work until no exceedance of Limit Level. 	 the non-compliance in writing. Rectify unacceptable practice. Check all plants and equipment. Consider changes of working methods. Discuss with the ET Leader, the IEC and the ER, and propose mitigation measures to the IEC and the ER within 3 working days. Implement the agreed mitigation measures. As directed by the ER, slow down or stop all or part of the construction activities.

3.4 Site Inspection and Environmental Complaint Handling

3.4.1 Site Inspection Frequency and Areas Covered

Regular site inspections will be carried out on a weekly basis. The areas of inspection cover the different environmental impacts, such as air, noise, water and waste, and their pollution controls and mitigation measures for both within and outside the site area.

Ad hoc site inspection will be carried out if significant environmental non-compliance is identified. Inspections may also be carried out subsequent to receipt of any environmental complaints, or as part of the investigation work, as specified in the Event and Action Plans.

3.4.2 Site Inspection Procedures

- a) The CT and/or ER will advise the Environmental Auditor (EA) of the ET for all information on any environmental related aspects.
- b) The EA will discuss with the CT and/or ER to sort out and forecast any potential environmental impact.
- c) The EA will conduct a site walk with the CT and/or ER, particularly the areas with extensive construction works.
- d) The EA will conduct inspection for the main environmental facilities and measures such as wheel washing facilities located at site exits, water spraying truck, temporary noise barrier, and internal noise-reducing measures of the heavy equipment etc, to ensure that these environmental facilities operate normally and effectively.
- e) The EA will fill up a site inspection checklist during the site inspection for recording any special observations.
- f) The EA will conduct post-discussion with the CT and/or ER for the establishment of additional/special measures if any non-conformance is found. The completion date for such additional measures will be confirmed during the post-discussion.
- g) The EA will propose a reasonable timeframe together with the CT and/or ER, for the preparation of the proposal for remediation of environmental non-compliance.
- h) The completed site inspection checklist will be signed by the EA, the CT and/or ER, for reference and for taking action in accordance with the agreed procedures, reporting systems and time frame.

3.4.3 Environmental Complaints

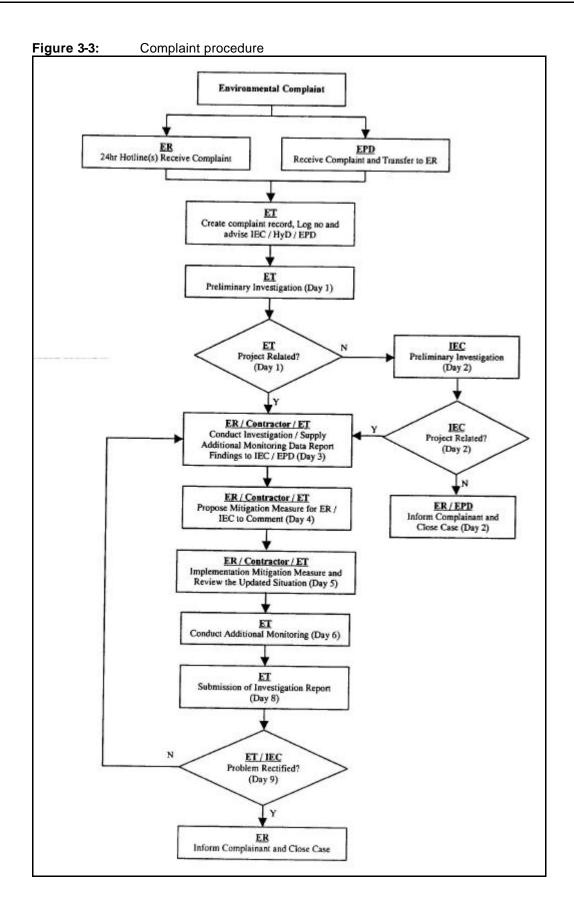
In accordance with the EM&A Manual, environmental complaints will be referred to the ET for initiation of the complaint investigation procedures. The ET will undertake the following procedures upon receipt of complaints:

- a) The ET will record the details of the complaint and the date of receipt into the complaint database, and inform ER immediately.
- b) The ET will perform compliant investigation to determine its validity and to assess whether the source of the problem is due to work activities.
- c) The ER will instruct the CT to identify mitigation measures in consultation with the ET, if the compliant is valid and due to works.
- d) The ET will liaise with the CT on their mitigation measure proposals and implementation, if required.

- e) The ET will conduct review of the CT's response on the identified mitigation measures, and of the updated situation.
- f) The ET will submit interim report to EPD if the complaint is received via EPD. The interim report will clearly state the status of the complaint investigation and the follow-up action within the time frame assigned by EPD.
- g) The ET will undertake additional monitoring and audit to verify the situation if necessary, and ensure that any valid reason for complaint does not recur.
- h) The ET will report on the investigation results and the subsequent actions to the source of complaint for responding to the complainant. If the source of complaint is via EPD, the results will be reported within the time frame assigned by EPD.
- i) The ET will record the details of the complaint, investigation, subsequent actions and results in the monthly EM&A report.

During the complaint investigation work undertaken by the ET, the CT and ER should cooperate with the ET on providing all the necessary information and assistance for completion of the investigation. If mitigation measures are identified as necessary after the investigation, the CT should promptly carry out the required mitigation to the satisfaction of ET. The ER should ensure that the CT has carried out such identified measures.

A flow chart of the complaint response procedures is shown in Figure 3-3 for reference.



4 Noise Monitoring

4.1 Monitoring Equipment

Details of the integrating sound level meters used in the noise monitoring are shown in Table 5-1.

Equipment	Manufacturer & Model No.	Precision Grade	Qty.
Integrating sound level meter	Rion NA-27	IEC 651 Type 1	1
Windshield	Brüel & Kjær UA0237	IEC 804 Type 1	1
Acoustical calibrator	Brüel & Kjær 4226	IEC 004 Type T	1
LCD wind speed indicator	Kestrel Vane Anemometer		1

Table 5-1: Equipment list for construction noise monitoring

4.2 Methodology

4.2.1 Occupancy Status of Grand Bay Villa

The property management company of Grand Bay Villa (WN5) will be coordinated a monthly basis within 10 working days of each month to confirm the occupancy status of these premises. Once this location is confirmed occupied, noise monitoring will be resumed within 1 week.

4.2.2 Field Measurement

- The sound level meter and battery were checked to ensure that they were in proper condition.
- The sound level meter was set on a tripod at 1.2m above ground and at 1m from the exterior of the building faç ade.
- Before conducting the measurement, the sound level meter was calibrated by an acoustical calibrator.
- The measurement parameter was set to A-weighted sound pressure level. The time weighting was set in fast response and the time period of measurement at 30 minutes.
- The wind speed was checked during noise monitoring to ensure the steady wind speed did not exceed 5m/s, or wind with gusts did not exceed 10m/s.
- Any abnormal conditions that generated intrusive noise during the measurement were recorded on the field record sheet.
- After each measurement, the equivalent continuous sound pressure level (L_{eq}), L₁₀ and L₉₀ were recorded on the field record sheet.
- The sound level meter was re-calibrated by the acoustical calibrator to confirm that there was no significant drift of reading.

4.2.3 Equipment Maintenance and Calibration

All sound level meters comply with the standards of IEC 651 (Fast, Slow, Impulse RMS detector tests) and IEC 804 (L_{eq} functions). The acoustical calibrator model no. 4226 complies with IEC 942.

4.3 Results and Observations

4.3.1 Occupancy Status of Grand Bay Villa

In the reporting period, Grand Bay Villa (WN5) was vacant with no resident and noise monitoring was temporarily suspended.

5 Marine Water Quality Monitoring

5.1 Marine Water Quality Monitoring Equipment

Monitoring of Turbidity (Tby) in NTU, Dissolved Oxygen (DO) in mg/L and Suspended Solids (SS) in mg/L was carried to ensure that any deteriorating water quality would be readily detected and timely action would be taken to rectify the situation. Tby and DO were measured in-situ while SS was determined in the laboratory. A list of the marine water quality monitoring equipment is summarised in **Table 5-1**.

Table 5-1: Marine water quality monitoring equipment

Equipment	Manufacturer & Model No.	Qty
Handheld DO, Temperature & Salinity Meter	YSI Model 85	1
pH meter	Hanna	1
Turbidimeter	HACH 2100P	1

5.2 Methodology

5.2.1 DO, Temperature and Salinity Measuring Equipment

The equipment to measure DO, temperature and salinity complied with the following:

- i. The instrument was a portable, weatherproof dissolved oxygen measuring instrument complete with cable and used a DC power source. It was capable of measuring:
 - A dissolved oxygen level in the range of 0-20 mg/L and 0-200% saturation;
 - A temperature of 0-45°C; and
 - A salinity level in the range of 0-40 ppt.
- ii. It had a membrane electrode with automatic temperature compensation complete with a cable.

5.2.2 Turbidity Measurement Instrument

The instrument was a portable, weatherproof turbidity-measuring instrument complete with comprehensive operations manual. The equipment used a DC power source. It had a photoelectric sensor capable of measuring turbidity between 0-1000 NTU and was complete with a cable.

5.2.3 SS

The following equipment was used to monitor the SS:

i. A water sampler comprised a transparent PVC cylinder, with a capacity of not less than 2 litres and which can be effectively sealed with latex cups at both ends. The sampler had a positive latching system to keep it open and prevent premature closure until released by a messenger when the sampler was at the selected water depth.

ii. Water samples for SS measurement were collected in high density polythene bottles, packed in ice (cooled at 4°C without being frozen) and delivered to the laboratory as soon as possible after collection.

5.2.4 Water Depth Detector

A portable, battery-operated echo sounder was used for the determination of water depth at each designated monitoring.

5.2.5 Location of the Monitoring Site

A hand-held Global Positioning System (GPS) was used during monitoring to ensure the monitoring vessel was at the correct location before taking measurements.

5.2.6 Calibration and Accuracy of Instrumentation

All *in-situ* monitoring instruments were checked, calibrated and certified by a HOKLAS accredited laboratory or any other international accreditation scheme before use, and subsequently re-calibrated at 3 monthly intervals throughout all stages of the water quality monitoring. Response of sensors and electrodes were checked with certified standard solutions before each use. Wet bulb calibration for a DO meter was carried out before measurement at each monitoring location. The calibration certificates are attached in **Appendix C** For the on site calibration of field equipment, the BS 1427:1993, "Guide to Field and on-site test methods for the analysis of waters" was followed.

5.3 Results and Observations

5.3.1 Weather Conditions and Other Factors

No adverse weather conditions were recorded during the reporting period.

5.3.2 Summary of Results

Impact marine water quality monitoring was undertaking during mid-ebb and mid-flood tidal cycles at 10 designated locations including 5 impact and 5 control stations. A baseline check was conducted on 27 February 2006 prior to the commencement of marine works and a compliance checking mechanism was established in accordance with the Baseline Monitoring Report. Detailed water quality monitoring results are given in **Appendix D**. Graphical presentation of the monitoring results are illustrated in **Figures 5-1 to 5-8**.

Summary of Mid-Ebb Tide

The lowest DO levels for surface & middle and bottom positions were 4.9 mg/L at WWA1 and 4.7 mg/L at WWFCZ2 respectively on 15 May 2006 respectively. There were 2 exceedances of DO levels during reporting period when compared with the established baseline check criteria in Section 3.3 of this report.

The highest depth-averaged Tby level was 16.4 Nephelometric Turbidity Unit (NTU) at WWA2 on 4 May 2006. There were 6 exceedances of Tby levels at WWA1, WWA2 and WWA3 on 4, 15, 24 and 26 May 2006 when compared with the established baseline check criteria in Section 3.3 of this report.

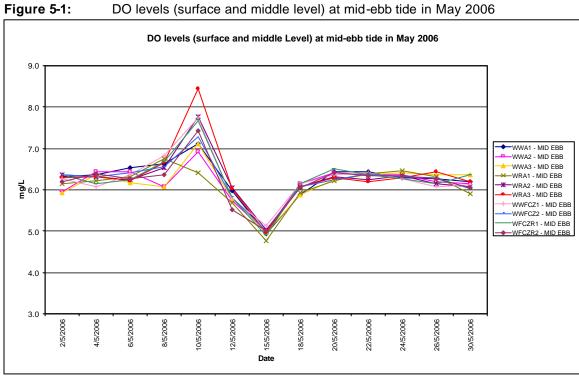
The highest SS level was 21.0 mg/L at WWA2 on 4 May 2006. There were 7 exceedances of SS levels at WWA1, WWA2 and WWA3 on 4, 15, 18, 24, 26 and 30 May 2006 when compared with the established baseline check criteria in Section 3.3 of this report.

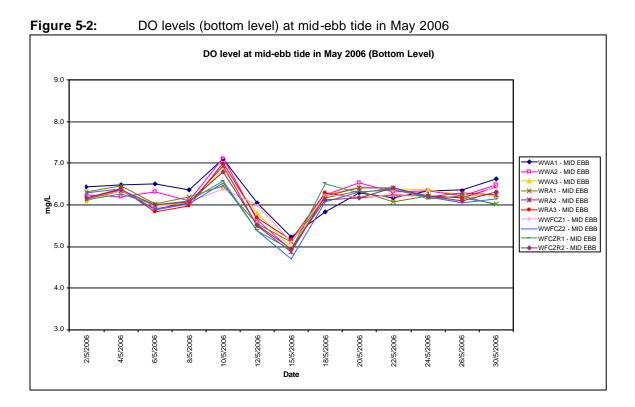
Summary of Mid-Flood Tide

The lowest DO level for surface & middle position was 4.9 mg/L at WWA1 on 15 May 2006 and that for bottom position was 4.9 mg/L at WWA1, WWA3 and WWFCZ2 on 15 May 2006. There were 4 exceedances of DO levels during reporting period when compared with the established baseline check criteria in Section 3.3 of this report.

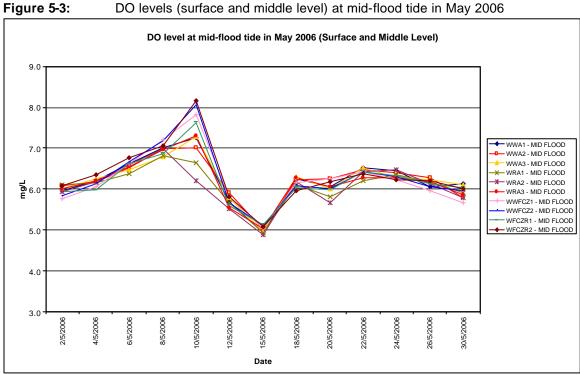
The highest depth-averaged Tby level was 28.3 NTU at WWA1 on 4 May 2006. There were 5 exceedances of Tby levels at WWA1, WWA2 and WWA3 on 2, 4 and 24 May 2006 respectively when compared with the established baseline check criteria in Section 3.3 of this report.

The highest SS level was 34.3 mg/L at WWA1 on 4 May 2006. There were 4 exceedances of SS levels at WWA1, WWA2, WWA3 and WWFCZ2 on 4, 15 and 24 May 2006 during reporting period when compared with the established baseline check criteria in Section 3.3 of this report.



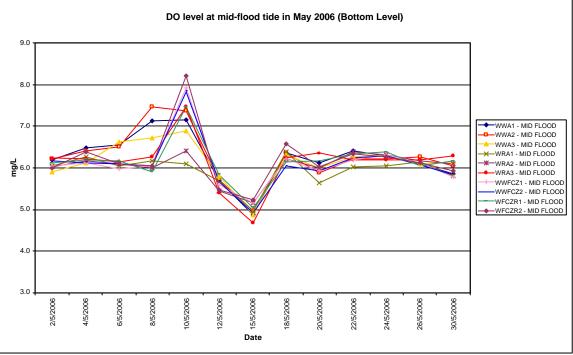


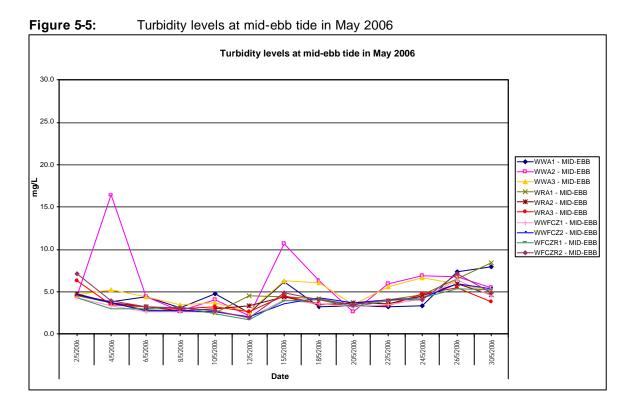
DO levels (surface and middle level) at mid-ebb tide in May 2006



DO levels (surface and middle level) at mid-flood tide in May 2006









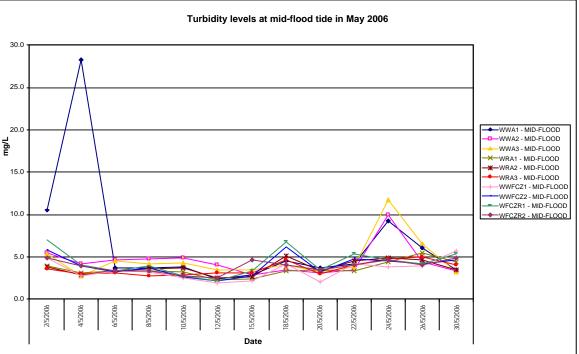


Figure 5-7: SS levels at mid-ebb tide in May 2006

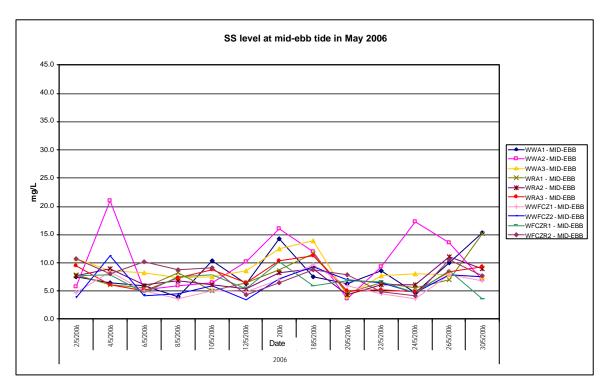
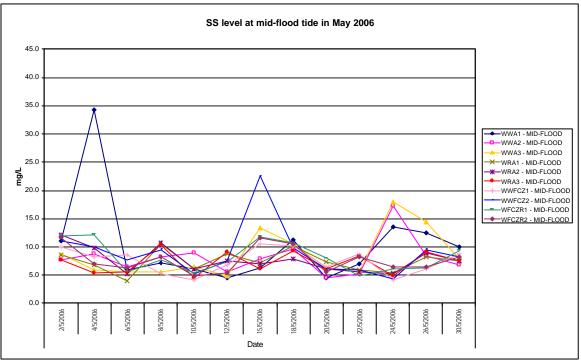


Figure 5-8: SS levels at mid-flood tide in May 2006



6 Site Inspection, Waste Disposal, environmental complaints, environmental licenses and non-compliance records

6.1 Site Audit Findings

Four weekly environmental site audits were carried out on 3, 11, 19 and 25 May 2006. The findings of the site audits are summarised in **Table 6-1**.

Date of Issue Raised	Observation	Advice from EA	CT's Response / Environmental Outcomes	Closing Date	
03 May 2006 (WTLT 015)	 Stagnant water was observed along the site after raining. 	CT was reminded to dry-off the stagnant water to avoid mosquito breeding.	Agreed with the ET's advice.	11 May 2006	
	2. Muddy water was observed around the silt curtains at Seawall A and B.	CT was reminded to repair the silt curtains immediately.	Agreed with the ET's advice.		
	3. Muddy water was observed discharging to the sea from an outfall near to Seawall B. The source of the muddy water was suspected from the exposed slope beside Castle Peak Road.	CT was reminded to provide pretreatment of site runoff prior to discharging.			
11 May 2006 (WTLT 016)	 Excavation was observed within the site of carpark and Castle Peak Road near Seawall A. 	CT was reminded to provide dust suppression measures during dry and windy days.	Agreed with the ET's advice.	19 May 2006	
	2. Exposed areas / slopes were observed.	CT was reminded to provide water and air quality mitigation measures during rainy and dry days respectively.	Agreed with ET's advice.		
	 Silt curtain at Seawall A was observed damage at one end. 	CT was reminded to conduct regular and maintenance of silt curtain.	Agreed with ET's advice.		
	4. Water was not available at the wheel washing facility at Castle Peak Road near Grand Bay Villa.	CT was reminded to clear the soil left at the wheel washing facility and provide water supply to ensure the proper functioning of the wheel washing facility.	Agreed with ET's advice.		
	5. Silt was observed in a manhole at the exit of Castle Peak Road.	CT was reminded to conduct regular clearing.	Agreed with ET's advice.		

 Table 6-1:
 Findings of weekly environmental site audit in May 2006

Date of Issue Raised	Observation	Advice from EA	CT's Response / Environmental Outcomes	Closing Date
	6. Oil drum was observed without driptray at bore piling site.	CT was reminded to provide driptray for oil drum.	Agreed with ET's advice.	
19 May 2006 (WTLT 017)	1. Muddy water was observed beyond the silt curtains at the west of Seawall A and B that was likely due to leakage of silt curtain after a typhoon event.	CT was reminded to conduct regular checking and maintenance of the silt curtains.	Agreed with the ET's advice.	25 May 2006
25 May 2006 (WTLT 018)	 Stockpile of construction waste/soil was observed at carpark. 	CT was reminded to provide proper mitigation measures.	Agreed with the ET's advice.	01 June 2006
	2. Marine works were observed at Seawall B and muddy water was observed beyond the silt curtain.	CT was reminded to conduct regular checking and maintenance of the silt curtains.	Agreed with the ET's advice.	
	3. Oil drum was observed without driptray at bore piling site.	CT was reminded to provide drip tray to oil drum or store chemical properly.	Agreed with the ET's advice.	
	4. Oil leakage was observed from a drilling equipment.	CT was reminded to provide proper maintenance of the equipment immediately.	Agreed with the ET's advice.	

6.2 Waste Disposal

Disposal of waste material in the reporting period generally complied with the corresponding waste disposal requirements. The waste disposal quantity in the reporting period is summarised in **Table 6-2**.

 Table 6-2:
 Waste disposal quantity in May 2006

Type of waste or material		Disposal at	No. of loads or quantities	
C&D waste		WENT Landfill	41 tonnes	
C&D material	By truck	Public Filling Reception Facility in	17,127 tonnes	
	By barge	Tuen Mun Area 38	970 tonnes	
Chemical waste		Collected by licensed collector	0	

In accordance with the Project Profile "Castle Peak Road Improvement between Area 2 and Ka Loon Tsuen, Tsuen Wan, Remaining Works Contract, Construction of Reclamation West of Tsing Lung Tau", all dredged material will be transported by trucks to Public Fill Reception Facility (PFRF) at Tuen Mun Area 38 for ultimate reuse by alternative projects. As the depth of marine water near the reclamation site is found to be sufficient for barges to manoeuvre, the CT proposed to deliver the dredged material by barge to the PFRF. It will reduce the double handling of dredged material to the seashore and then to trucks by backhoe. EPD agreed with the CT's proposal on 18 May 2006 via e-mail. The CT

commenced to transport the dredged material by barge on 24 May 2006. The record of disposal of C&D materials by barge in May 2006 is attached in **Appendix E**.

6.3 Complaint Record

There was no environmental complaint received in May 2006.

6.4 Exceedance

There were exceedances of DO, Tby and SS levels for marine water quality in May 2006 when compared with baseline check criteria. These exceedances levels are summarised in **Table 6.3**.

		Location	Exceedances of monitoring data									
Date	Tide		DO (mg/L)			Tby (mg/L)				SS (mg/L)	
			Position	Baseline Check	Control Station	Impact Station	Baseline Check	Control Station	Impact Station	Baseline Check	Control Station	Impact Station
2-May	mid-flood	WWA1	-	-	-	-	6.6	3.9	10.5	-	-	-
4-May	mid-ebb	WWA2	-	-	-	-	6.5	3.7	16.4	13.0	9.0	21.0
4-May	mid-flood	WWA1	-	-	-	-	6.6	3.1	28.3	17.0	6.8	34.3
15-May	mid-ebb	WWA1	-	-	-	-	-	-	-	13.0	8.7	14.2
15-May	mid-ebb	WWA2	-	-	-	-	6.5	4.4	10.7	13.0	8.2	16.0
15-May	mid-ebb	WWA3	Bottom	5.4	5.2	5.0	-	-	-	-	-	-
15-May	mid-ebb	WWFCZ2	Bottom	5.4	4.9	4.7	-	-	-	-	-	-
15-May	mid-flood	WWA1	Bottom	5.3	5.0	4.9	-	-	-	-	-	-
15-May	mid-flood	WWA2	Bottom	5.3	5.1	5.0	-	-	-	-	-	-
15-May	mid-flood	WWFCZ1	Surface & Middle	5.3	5.1	5	-	-	-	-	-	-
15-May	mid-flood	WWFCZ2	Bottom	5.3	5.2	4.9	-	-	-	17.0	11.5	22.5
18-May	mid-ebb	WWA3	-	-	-	-	-	-	-	13.0	11.2	13.8
24-May	mid-ebb	WWA2	-	-	-	-	6.5	4.5	6.9	13	6.2	17.2
24-May	mid-ebb	WWA3	-	-	-	-	6.5	4.8	6.7	-	-	-
24-May	mid-flood	WWA1	-	-	-	-	6.6	4.4	9.3	-	-	-
24-May	mid-flood	WWA2	-	-	-	-	6.6	4.9	10.0	17	5.2	17.3
24-May	mid-flood	WWA3	-	-	-	-	6.6	4.8	11.7	17	4.8	18
26-May	mid-ebb	WWA1	-	-	-	-	6.5	6.5	7.4	-	-	-
26-May	mid-ebb	WWA2	-	-	-	-	6.5	5.9	6.8	-	11.0	13.5
30-May	mid-ebb	WWA1	-	-	-	-	-	-	-	13.0	15.2	15.3

Table 6-3: Summary of exceedances of marine water quality monitoring in May 2006

The ET's field staff observed muddy water at WWA1 on 2 May 2006, which was likely due to leakage from silt curtain. The CT was advised to immediately check the integrity and normal functioning of the silt curtains and review the marine works procedures to avoid such

seepage recurrence, e.g. implementing precautionary measures to avoid breaking silt curtain materials, frequent checking of integrity and maintenance to ensure normal functioning, etc. The CT has immediately to check the integrity of silt curtain, then sealed and repaired the leakage area where required. On 4 and 6 May 2006, the CT constructed a bund wall inside silt curtain and along the work area of Seawall B. The CT closely monitored the effectiveness of silt curtain and maintained the performance to ensure normal functioning. With the remedial work implemented, the subsequent marine water quality monitoring data (6, 8, 10 and 12 May 2006) indicated resumption to normal ambient conditions. The exceedances of Tby and SS levels on 2 and 4 May 2006 were likely due to construction works of the Project.

Exceedances of DO, Tby and SS levels were recorded on 15 May 2006. All of the exceedances of DO level were marginal and comparable to the levels at their respective control stations (ambient levels). This may be due to influence of typhoon or natural variation of marine water quality. However, the exceedances of Tby and SS were likely due to leakage of silt curtains. The CT has immediately to mobilise underwater divers to check the integrity of silt curtain, then sealed and repaired the leakage area where required. The CT closely monitored the effectiveness of silt curtain and maintained the performance to ensure normal functioning. With the remedial work implemented, the subsequent marine water quality monitoring data (20 and 22 May 2006) indicated resumption to normal ambient conditions. The exceedances of Tby and SS levels on 15 and 18 May 2006 were likely due to construction works of the Project.

ET's field staff observed construction works were being conducted at Seawall A and B during marine water monitoring period on 24 and 26 May 2006. The exceedances were likely due to leakage from silt curtain. The CT mobilised workers to repair the rock bund and silt curtain at Seawall B on 24 and 25 May respectively. With the remedial work implemented, the subsequent marine water quality monitoring data (30 May 2006) indicated resumption to normal ambient conditions. The exceedances of Tby and SS levels on 24 and 26 May 2006 were likely due to construction works of the Project.

One exceedance of SS at WWA1 was recorded on 30 May 2006. However, no muddy water and abnormal activities which would likely cause deterioration of water quality were observed at WWA1 on 30 May 2006 by ET's field staff. The exceedance of SS was only marginal to the Baseline Check Criteria at this monitoring location and 0.1mg/L higher than the respective control station. In addition, there was no exceedance of Tby level. Hence, the exceedance was unlikely due to the construction works of the Project. Nevertheless, the Contractor has been reminded to monitor the effectiveness of silt curtain and maintain the performance to ensure normal functioning.

6.5 Notification of Summons and Successful Prosecution

No notification of summons and prosecution was received in May 2006.

6.6 Environmental Licenses

A summary of the valid environmental licenses is given in **Table 6-4.** CEDD approved the CT to deliver C&D materials to PFRF at Tuen Mun Area 38 in May 2006 and the approval letter is attached in **Appendix F**.

Table 0-4. Summary of valid environmental licences in May 2006								
Type of Licence	Reference No.	Valid from	Valid to					
Environmental Permit	EP-219/2005	20 Jun 2005	Not applicable					
Registration of Chemical Waste Producer	5111-336-C2869-49	C2869-49 16 Feb 2006 N						
Water Discharge Licence	EP760/336/011348 I	31 Mar 2006	31 Mar 2011					
Delivery of C&D Materials to PFRF at Tuen Mun Area 38 by Barge	Application No.: CEDD00087 Billing Account No.: 5005407	12 May 2006	15 Aug 2006					

 Table 6-4:
 Summary of valid environmental licences in May 2006

7 Conclusions

The construction phase of the Project was commenced on 28 February 2006. The EM&A programme has been implemented since then, including marine water quality monitoring and environmental site audits. Noise monitoring at Grand Bay Villa was temporarily suspended as these premises were vacant with no resident.

Exceedances of marine water quality were detected from the monitoring data, which triggered the Event and Action Plan for remedial action. With the remedial work implemented in progress, the subsequent results of marine water quality monitoring indicated resumption of normal ambient conditions was achieved.

No complaint, summons or prosecution related to environmental issues was received during the reporting month.

Weekly environmental site audit was carried out during the reporting month. The major environmental concerns were related to air quality, water quality, waste management and handling of chemical waste.

The CT commenced to deliver dredged materials to PFRF at Tuen Mun Area 38 on 24 May 2006.

8 References

- [1] Mouchel Halcrow Joint Venture. January 2006. Supplementary Agreement No.1 Remaining Project EM&A Manual for Construction of Reclamation West of Tsing Lung Tau.
- [2] Ove Arup & Partners Hong Kong Limited. April 2006. Contract No.HY2005/06 Castle Peak Road Improvement – West of Tsing Lung Tau. Environmental Baseline Monitoring Report for Reclamation Works (EP No. EP-219/2005) (Second Issue)

Appendix A Construction programme

				2007 [1] 2007 [1] 2007	
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	Portion B Silo Possession	0 21/12/05	Í		
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KD1500	Section II completion	0	24/05/07		
KD1600	Section III- Establishment	865 21/12/05	23/05/08		
KD1700	Section III completion	0	23/05/08		
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Pre-Construction	tton				
4PP0100	Atternative Study and Discussion with HyD	35 18/01/06*	04/03/06		
4PP0110	Prelimizery Design	15 16/02/08	04/C2/06		
4PP0120	Eningeer's In-Principle Endorsoment	25 08/03/06	103/04/06		
4PP0130	Circuitsfilor & ALP Approval	45 04/04/08	1 BINEME		
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4PP0160	Construction Drawings	11 02/08/06	14/06/06	Construction Drawings	
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Construction	Construction - West Side				
4PP1000	Temporary Cut Slope (Ch 2025-2100)	50 29/02/06	50/20/2Z		
47P1010	Temp Slope Stabilisatoki (Soll Nali+ Spray conc)	50 15/07/06	11/09/08		
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4PP1030	Difficing Pre-bored H-Pile (34nos) 2 Rips	68 D4/01/07	29/03/07		
4PP1040	Bot Capping Beam & RC Wall Construction	30 30/03/07	08/05/07		
4PP1050	Mass Concrete Wall Construct Store Bo-Incidement Works & Ton Concine Ream		Definition Definition		
4PP1070	Wall Facho Panel Installation+U-Channel constru	40 220507	06/07/07		
Construction	Construction - East Side				
4PP2000	Temporary Cut Stapa (Ch 2125-2200)	50 22105/08*	20/07/06		
4PP2010	Temp Stope Stabilisation (Soil Neil+ Spray conc)	50 08/07/06	04/09/06 Someme		
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4PP2060	Temp Slope Stabilieatoh (Solt Naft Spray conc)	50 15/08/08	13/10/06		
4PP2070	Escavation to Road Formation & Rock Cut	20 14/10/06	07/11/06		
4PP2080	Driving Pre-Bored H-Pile (18 nos) 2 Figs	32 08/11/08	14/12/06		
4PP2090	Bot Capping Bearing a core of the way consume. Mean Concrete Wall Construct	24 06/11/06	02/12/06		
4PP2130	Slope Re-Instatument Works & Top Capping Bean	n 22 24/01/07	17/02/07		
4PP2120	Wall Facing Panel Installation+U-Channel constru-	20 05/02/07	05/03/07		••
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4BP3120	2.5 Dia Borad Pile Construction (601.31)	28 25/05/06	27/06/06		Entertaine (B01.3)				
	Sot Up for Bored Pile B01.32	2 28/06/05	29/06/06						
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48P3131	Formation of Temposry Working Platform 28-30	5 23407706	02/08/06		E Formatilian of Temposery Working Platform 25/30				
4BP3132	2.5 Dia Borad Pile Construction (B01.30)	19)03/06/05	24/08/06						
48P3133	Sof Up for Borda Pile But 28	2010000212	zovosuo na iroine		2.5 Dia Roma Pila Constructions (20)				
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48P3150	Eccavation to Road Formation & Rock Cut	71 28/09/08	22/12/06			tion & Rock Cut			
48P3160	Bored Pile Legging Well Construct (23-33)	40 27/12/06	12/02/07			Bored Pile Legging Vali Construct (22-33)			
4BP3170	Stope Re-Instatement Works & Yop Capping Beam	22 13/02/07	15/03/07	25.		re Re-Instalement Works & Top Capping Beam			- -
4BP3180	Wall Facing Panel Installation+U-Channel constru	20 16/03/07	09/04/07			R Facing Panel Installetons U-Chaphael construi			
Roadwort	Roadworks Construction								
4RW4100	Construct E/B L//G drainage & utilities	105 30/09/06	01/06/01						
4RW4110	Construct E/B Rd Kerb, Barrier& Surfacing	18 03/02/07	01/03/07			Molnel road to the Els			
4HW4500	Layert ine organa rusa (o una coo Procedaret 1261 Boarn Bernfor & Frotherh	AS DUPUNO	200507			Construct E/8 Beam Barries & Focipath			
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RW4510	Construct W/B Rid Kerb, Berriorth Surfacting	15 03/04/07	24/04/07			(construct W/B Rd Keyb, Bartier& Surfacing			
4PW4615	Construct W/B Beam Barrier & Footpath	24 25/04/07	23/05/07			Construct W/B Beam Barrier & Footpeth			
4FW4620	TTM Slaging Preparation	19 27/12/06	18/01/07						
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3SWA1200	Place rock armour	21 03/05/06	27/06/06		Place Tock artmourt				
3SWA1300	Construct lower RC retaining wall (Bay 1-18)	55 16/05/06	19/09/05						
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SWA1600	Construct upper RC retaining well (Bay 1-15)	47 30/08/08	25/10/06		Rest Construct upper RC retaining well (Bay)	Vi-15		• • • •	
35WA1709	BackfWing	3/1 22/09/06	00/11/05						
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t Date	EDE USA		1.2.1.1.1.1.1.1.1	anty Bar FWP4	Chur We Construction & Eng. Co. Ltd	Date	5	Checked Approv	
Deck Dide	SOR VIE		đ	Programs Bar Gritical Activity		21/1205 A. bital Prog. 05/01/06 3. hittle Prog.			
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e	Description	Dur Stort	-									1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1								
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SEW3500	Construct E/B carriageway, road soffacing	8 02/02/07	08/02/07						- Col	struct Er8 c	Scoristuct E/B cuiringeviny road sur	road surfacing								
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5FW3520	TMLG Meating	1 14/12/06	14/12/06						The Redmin											
5RW3530	RMO/Roadwork Advice		29/12/06		• •				ZIRNORosdwick Advice	ork Advice								•••		-
Area 6 Co	Area 6 Construction(Ch2+300 to Ch2+400)))																		
67140500	W/B; clear existing road surface		16/01/07						and the	Wilds clear wisting road surface	pad surface									<u></u>
GRW1500	Construct W/B carriageway road surfacing	6 17/01/07	23/01/07						Constru	tet W/B carr	Construct W/B carriageway road 1	d surtacing								
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6FW3530	RMO/Roadwork Advice	Ľ	05/01/07						LERNORON dwork Advice	wark Advice										-
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1 FW0500	Wills Excavation & demolish existing road surface	12 21/94/06*	90/50/90		ľ	BECONNEL	W/B: Excertation & demoilate exi-	Sting road stuface										-		
1RW1000	Construct WrB, EB: UG drain, wetermato, etc	50 28/04/0B	15/08/06		.		Cohstruct	Construct Wile, EVB: UK3 draft, watermark, etc	alh, watermak	eto										•
1RW1500	Construct W/B, E/B Kerb, Barrier&road surfacing	18 16/06/06	05/08/06				Const	Construct W/B, E46 KertsBarrierard surfacing	rb Barrieraroad	d surfacting										
1FW2000	Divert the original road to the new road (W,E/B)	1 06/08/06	06/08/06					נוגעבון נוגר פון פון אין אין אין אין אין אין אין אין אין אי		pe (m, we) be & Eonine					<u> </u>				• • •	
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1RW3500	Construct Silp Rd surfacing work	18 27/12/06	10/10/23						Cojnstruc	t Slip Rd au	Construct Slip Rd surfacing prork									
AD1RW0500	Construction of Car Park	50 18/01/07	22/03/07							Constr	Iconstruction of Car Park	r Fack					<u></u> .			
1RW3510	TTM Staging Preparation	19 15/07/06	05/08/06				TTM Staging Preparation	Prepiration												-
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SW/3000	Remedial works to Slope No. 65W-DVC170	57" 22/11/06	31/01/07					- 	Remo	dial works t	o'Stope No.	odiał wórka to stope No. 65W-D/C170				-+				
Remedial	Remedial Work 6SW-D/FR286																			
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Remedial	Remedial Work 6SW-D/F89																			
SW4000	Remotial works to Stope No. 63W-DrF89	90/50/EL	26/09/08																	
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ork									
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A03RW3500 RMO/Roadwork Advice	10 03/10/06 14/10/06								
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25WB1500 Complete rock armour	14 24UGV0 1 14 24UGV0 14100				tetalnung Wali (Bay 1-5)				
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Roadworks Construction				-)					
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2RW3510 Coverned W/B Beam Barrier & Foodipath	18/22/01/07 10/02/07				denoutrus result parte province in a contract parte in the second s	drainage & Lutilities			
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7Primavera Systems, Inc.									

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Appendix B Monitoring schedule for May and June 2006

Ove Arup Partners Hong Kong Ltd

Environmental Monitoring and Audit Schedule - May 2006

Note 1: L30 denotes L_{eq(30 min)} monitoring Note 2: TSP denotes Total Suspended Particulate monitoring

Note 3: MW denotes Marine Water Quality monitoring Note 4: L&V denotes Landscape and Visual audit and monitoring

			May-2006			
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Ove Arup Partners Hong Kong Ltd

Tentative Environmental Monitoring and Audit Schedule - June 2006

Note 1: L30 denotes L_{eutron min} monitoring Note 2: TSP denotes Total Suspended Particulate monitoring Note 2: Note 3:

MW denotes Marine Water Quality monitoring L&V denotes Landscape and Visual audit and monitoring Note 4:

			Jun-2006			
Sunday	Monday	Tuesday		Thursday	Friday	Saturday
				3 Site Inpsection	2	3
			-	MW		MW
	5	9	7	8	5	10
	MM		MM		MM	
	12	13	14 Site Inpsection	15	16	17
				×		
	MW		WW		WW.	
8	19	20	21	22	23	24
			WW		MW	
53	26	27	28 Site Invection	29	30	
	MW		WW		MW	

G:\env\project\24583\others\Schedule\Submission Plan (24583)\2006-06 (for marine water)

Appendix C Calibration certificates of marine water monitoring equipment



Environmental Management Division

CALIBRATION REPORT

Client Address	: Level 5	2.		Report No. Page No. Issue Date	: CR 000073 : 1 of 5 : 12/05/2006
Received Approved Remarks	I Signator	: 09/05/2006 y : Grace Ting :	Completion Date	: 11/05/2006	

Calibration Results:

Item	:	YSI Model 85-10 FT Handheld Salinity, Conductivity & Temperature Instrument
Serial No.	:	99G0526 AJ
Calibration Method	:	APHA 18e 2520 A & B
Date of Calibration	:	
Results:	:	
Salinity		

Expected Reading (ppt)	Recorded Reading (ppt)	_
 0	0	
7.4	7.4	
15	14.9	
35	34.1	
39.3	38.0	

Approval Signatory:

TST P.O. Box 99027 Hong Kong • HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong Hong Kong Tel: (852) 2788 5678 • Fax: (852) 2788 5900 • Telex: 32842 HKPC HX Head Office 香港尖沙咀郵政信箱99027號 • 香港九龍達之路78號生產力大樓 香港總部



Hong Kong Productivity Council 香港生產力促進局

Environmental Management Division

CALIBRATION REPORT

Client : OVE ARUP & PARTNERS H.K. LTD. Address : Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong, Kowloon.
 Report No.
 : CR 000073

 Page No.
 : 2 of 5

 Issue Date
 : 12/05/2006

Completion Date : 11/05/2006

Received Date : 09/05/2006 Approved Signatory : Grace Ting Remarks :

Calibration Results:

 Item
 : YSI Model 85-10 FT Handheld Salinity, Conductivity & Temperature Instrument

 Serial No.
 : 99G0526 AJ

Calibration Method : In house method

:

Date of Calibration : 09/05/2006

Results:

Temperature

Expected Reading	Recorded Reading
10.0	10.5
20.0	20.5
30.0	30.1
40.0	40.7

Approval Signatory:



Environmental Management Division

CALIBRATION REPORT

Client : OVE ARUP & PARTNERS H.K. LTD. Address : Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong, Kowloon.		Report No. Page No. Issue Date	: CR 000073 : 3 of 5 : 12/05/2006
Received Date : 09/05/2006 Approved Signatory : Grace Ting	Completion Date	: 11/05/2006	

Calibration Results:

;

Remarks

Item	:	YSI Model 85-10 FT Handheld Salinity, Conductivity & Temperature Instrument
Serial No.	:	99G0526 AJ
Calibration Method	:	APHA 18e 4500-O A, B, C & D
Date of Calibration	:	09/05/2006
Results:	. :	

Dissolved Oxygen

Expected Reading	Recorded Reading
(mg/L)	(mg/L)
3.45	3.69
4.35	4.52
5.30	5.52
6.10	6.62
8.00	7.80
8.90	8.61

Approval Signatory:

 Hong Kong
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 香港總部
 香港尖沙咀郵政信箱99027號 • 香港九龍達之路78號生產力大樓



Hong Kong Productivity Council 香港生產力促進局

Environmental Management Division



Client : OVE ARUP & PARTNERS H.K. LTD. Address : Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong, Kowloon.
 Report No.
 : CR 000073

 Page No.
 : 4 of 5

 Issue Date
 : 12/05/2006

Received Date	: 09/05/2006	Completion Date	: 11/05/2006
Approved Signatory	: Grace Ting		
Remarks	:		

Calibration Results:

Item	:	HACH 2100P Turbidimeter
Serial No.	:	011100024354
Calibration Method	:	APHA 18e 2130 B
Date of Calibration	:	
Results:	:	ų, -

Turbidity

Expected Reading (NTU)	Recorded Reading (NTU)
0	0.15
2	2.18
4	4.12
16	14.4
40	37.6
80	75.9

Approval Signatory:

ong TST P.O. Box 99027 Hong Kong ◆ HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong ffice Tel: (852) 2788 5678 ◆ Fax: (852) 2788 5900 ◆ Telex: 32842 HKPC HX 都 香港尖沙咀郵政信箱 99027號 ◆ 香港九龍達之路78號生產力大樓

Hong Kong Head Office 香港總部



Environmental Management Division

CALIBRATION REPORT

Client Address	: Level 5	•		Report No. Page No. Issue Date	: CR 000073 : 5 of 5 : 12/05/2006
Received Approvec Remarks	I Signatory	: 09/05/2006 / : Grace Ting :	Completion Date	: 11/05/2006	

Calibration Results:

ltem	:	HANNA instrument HI 98128 membrane pH meter
Serial No.	:	1377140
Calibration Method	:	In house method
Date of Calibration	:	09/05/2006
Results:	:	

Expected Reading	Recorded Reading
(pH unit)	(pH unit)
4	4.10
7	7.09
10	9.97

Approval Signatory:

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 香港尖沙咀郵政信箱99027號 • 香港九龍達之路78號生產力大樓

Appendix D Marine water quality monitoring results

HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau – Environmental Monitoring & Audit Service Marine Water Quality Impact Monitoring - May

				· · · ·		Water	temp.			Average				Salinity,	Turb	idity.	Averaged	Suspended Solid,	Averaged
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N	τυ	Value	mg/L	Value
1	WWA1	S	MID-EBB	2-May-06			26.3	6.3	6,3		94.8	93.5	8.0	22.0	4.6	4.B		7.0	
2	WWA1	м	MID-EBB	2-May-06	15:28	7.90	26.2	6,3	6.3	6.3	92.7	91.6	8.0	23,4	4.3	4.5		7.5	
3	WWA1	В	MID-EBB	2-May-06			25.9	6,5	6.4	6.4	95.3	94.0	8.0	24.2	4,9	5.0	4.7	8.0	7.5
4	WWA2	s	MID-E8B	2-May-06			25.9	6.0	5.9		91,2	89.6	8.0	24.6	4.7	4.4		6.0	1
5	WWA2	м	MID-EBB	2-May-06	15:12	9,20	25.9	6,0	6.0	6.0	90.8	89.7	8.0	24.6	4.5	4.4	4	6.0	1
6	WWA2	8	MID-EBB	2-May-06			25.8	6.2	6.2	6.2	91.7	90.8	8.0	25.2	4.6	4,6	4,5	5.3	5.8
7	WWA3	5	MID-EB9	2-May-06			26.2	5.8	5.7		85.9	84.8	7.9	25.0	4.7	4.4		15.0	1
8	WWA3	м	MID-EBB	2-May-06	15:00	6.20	26.0	6.0	6.2	5.9	89,4	91.1	7.9	24.2	5.0	5.1		8.0	1
9	WWA3	В	MID-EBB	2-May-06			25.9	6.1	6.1	6,1	90.3	89.5	8.0	25.2	4.3	4.9	4.7	9.0	10.7
10	WRA1	s	MID-EBB	2-May-06			26.3	6.3	6.2		92.9	91.6	8.0	20.9	3.6	4.0		5,0	1
11	WRA1	м	MID-EBB	2-May-06	15:40	35.60	24.9	6.1	6.0	6.1	92.5	91.3	8.0	30.2	5.5	5.5		8.0	1
12	WRA1	В	MID-EBB	2-May-06			24.8	6.3	6.3	6.3	96.3	95.0	8,0	30,2	4.3	4.2	4.5	10.5	7.8
13	WRA2	S	MID-EBB	2-May-06			26.3	6,5	6.4		95.5	93.7	8.0	20.9	4,5	4,3		4.5	1
14	WRA2	м	MID-EBB	2-May-06	15:52	26.60	25.7	6.3	6,3	6,4	94.1	92.7	8.0	25.0	5.7	5.3		8,0	1
15	WRA2	В	MID-EBB	2-May-06			25,1	6.2	6,1	6,1	94.5	92.7	8.0	28.7	4.4	4.4	4.8	10,5	7.7
16	WRA3	S	MID-EBB	2-May-06			26.3	6.4	6.3		94.7	93.6	8.0	21.5	7.0	6.4		6.5	.
17	WRA3	м	MID-EBB	2-May-06	16:07	36.20	25.0	6.3	6.2	6.3	96.1	94,8	8.0	29.2	5.9	6.1	1	10.0	.
18	WRA3	В	MID-EBB	2-May-06			24.8	6.2	6.2	6.2	95.7	94.5	8.0	30.5	6.5	6.0	6.3	12.0	9.5
19	WWFCZ1	s	MID-EBB	2-May-06			26.7	6,5	6.4		97.7	95.6	8.0	20.2	4.3	3.9	1	6.5	1
20	WWFCZ1	M	MID-EBB	2-May-06	16:50	34.00	25,4	6.1	6.1	6.3	95.1	93.3	8.0	27.5	4.4	4.5	1	3.5	1
21	WWFCZ1	В	MID-EBB	2-May-06			25.3	6.2	6.1	6.2	95.8	93.6	8.0	27.8	4,4	4.5	4,3	4,0	4.7
22	WWFCZ2	S	MID-EBB	2-May-06			26,8	6.7	6.6		98.9	97.5	8.0	19.5	3.9	4.5	4	3.5	1
23	WWFCZ2	M	MID-EBB	2-May-06	16:33	38.60	25.3	6.1	6.0	6,4	92.1	90.9	8.0	28.5	4.8	4.8	Į	3.5	1
24	WWFCZ2	в	MID-E8B	2-May-06			25.0	6.3	6.3	6.3	97.2	95,3	8.0	28.8	4.7	5.1	4.6	4.5	3.8
25	WFCZR1	S	MID-EBB	2-May-06			26.4	6.5	6.5		96.8	95.4	8.0	20.2	4.0	4.0		4,5	
26	WFCZR1	м	MID-E8B	2-May-06	17:03	47.60	25.6	6.3	6.2	6.4	96.4	94.7	8.0	25.7	3.9	4.5		10.5	
27	WFCZR1	В	MID-EBB	2-May-06			25.1	6,2	6.1	6.1	96.1	94.2	8.0	28,9	5.0	4.7	4,3	8.0	7.7
28	WFCZR2	S	MID-EBB	2-May-06			26.8	6.4	6.4	1	97.0	94.7	8.0	19.6	4.8	4.0	4	12,5	1
29	WFCZR2	M	MID-EBB	2-May-06	16:20	43.60	25.0	6.0	6.0	6.2	91.4	89.7	0.8	29.8	6.6	8.8	-	11.0	
30	WFCZR2	8	MID-EBB	2-May-06			24.8	6.2	6.2	6.2	92.6	91.1	8.0	30.1	8.6	7.8	7.1	8.5	10.7
31	WWA1	s	MID-FLOOD	2-May-06			25.4	5.B	5.7		88,5	B6.7	8.0	26.1	14.2	14.5	4	15.5	4
32	WWA1	M	MID-FLOOD	2-May-06	10:45	7.70	25.5	6.2	6.2	6.0	92.7	91.7	8.0	27.4	6.9	6.8	4	10.0	4
33	WWA1	8	MID-FLOOD	2-May-06		ļ	25.4	6.2	6.2	6.2	94,0	92.6	8.0	27.4	10.5	10.0	10.5	7.5	11.0
34	WWA2	S	MID-FLOOD	2-May-06			25.5	6.0	6.0	1	91.4	89.7	8.1	27.1	6.7	6.7	4	9.5	4
35	WWA2	м	MID-FLOOD	2-May-06	11:02	9.80	25.4	6.2	6.2	6.1	92.3	91.2	8.1	27.2	5.1	5.1]	7.5	1

G/tenv/project/24583/tenv_data/Marine/06-05 : Data

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1. A. 1.

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service Marine Water Quality impact Monitoring

						Water	lemp.			Average				Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth. m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N	rυ	Value	tng/L	Value
36	WWA2	в	MID-FLOOD	2-May-06			25.5	6.2	6.2	6.2	91.8	91.0	8.1	26.3	4.9	4.4	5.5	6.0	7.7
37	WWA3	s	MID-FLOOD	2-May-06			25.5	6.0	6.0		91.3	89.1	8.1	26.7	5,9	5.7		8.5	1
38	WWA3	м	MID-FLOOD	2-May-06	11:18	7.10	25.4	6.1	6.0	6.0	92.0	90.9	8.1	27.3	5.3	5.0		9,5	1
39	WWA3	B	MID-FLOOD	2-May-06			25.3	6.0	5.9	5,9	90.4	89.0	8.1	27.2	4.8	4.9	5.3	8.0	8.7
40	WRA1	s	MID-FLOOD	2-May-06			26.0	6.2	6.2		92.0	90.1	8,0	.22.0	3.0	2.9		5.5	1
41	WRA1	M	MID-FLOOD	2-May-06	10:29	26.90	25.2	6.1	6.0	6.1	91,7	90,6	8.0	28.0	4.8	4.4		11.5	1
42	WRA1	В	MID-FLOOD	2-May-06			25.2	6.1	6.0	6.1	94,0	92.4	8.0	28.4	3.8	4.4	3.9	8.5	8.5
43	WRA2	s	MID-FLOOD	2-May-06			25.2	6.1	6.0		93.8	92.0	8.1	27.8	3,7	3.7		14.5	1
44	WRA2	M	MID-FLOOD	2-May-06	10:13	25,40	25.0	5.9	5.8	5.9	91.4	89.9	8.1	28.8	3.5	4.2		12.0	.
45	WRA2	в	MID-FLOOD	2-May-06			25.2	6,0	6.0	6.0	94.3	92.8	8.1	28.2	3,6	3.7	3,8	10.0	12.2
46	WRA3	s	MID-FLOOD	2-May-06			25.4	6,1	6.0	.	91.4	90.0	8.1	27.2	3.1	3.3		8,0	1
47	WRA3	м	MID-FLOOD	2-May-06	9:58	30.00	25.0	6.0	6.0	6.0	91.6	90.3	8.1	29.3	3.9	3.6	i	9.0	4
48	WRA3	8	MID-FLOOD	2-May-06			24.9	6.3	6.2	6.2	93.3	92.1	8.1	29.4	4.0	3.9	3.6	6.0	7,7
49	WWFCZ1	S	MID-FLOOD	2-May-06			26.0	5,9	5.8		88.7	86.8	7.9	21.3	3.6	3.4		5,5	.
50	WWFCZ1	M	MID-FLOOD	2-May-06	9:16	30.20	25.2	5.7	5.6	5.8	86.2	85.2	7.9	28.2	4.0	4.1		10.5	
51	WWFCZ1	в	MID-FLOOD	2-May-06			24.8	6.1	6.0	6.0	92.1	91.1	7.9	30.2	7.3	7.2	4.9	14.0	10.0
52	WWFCZ2	S	MID-FLOOD	2-May-06			25.4	5.9	5.8		91,1	89.0	8.0	26.5	4.3	3.9		11.0	.
53	WWFCZ2	м	MID-FLOOD	2-May-06	9:32	38.50	25.0	5.8	5.8	5.8	84.3	83.3	8.0	28.5	6.2	6.3		9.5	1
54	WWFCZ2	8	MID-FLOOD	2-May-06			24.9	6.2	6.1	6,2	94.5	93.3	8.0	29.6	6.9	6.9	5.8	12,5	11.0
55	WFCZR1	s	MID-FLOOD	2-May-06			25.4	6,0	5,9		89.5	88.1	8.0	26.4	3.0	3.2		6.0	1
56	WFCZA1	м	MID-FLOOD	2-May-06	9:00	44.10	24.8	5,9	5,9	5.9	89.3	88.1	8.1	30.4	8,8	9,B		16.5	.
57	WFCZR1	в	MID-FLOOD	2-May-06			24,6	6,1	6.1	6.1	92.2	90.6	8.1	31,7	8,8	8.5	7.0	13.5	12.0
58	WFCZR2	S	MID-FLOOD	2-May-06			25.9	6,1	6.1		92.3	90.3	8.0	21.8	4,6	5.1		11.0	
59	WFCZR2	M	MID-FLOOD	2-May-06	9:44	43.70	25.3	6.1	6.1	6.1	9 1,1	89.9	8.0	27.4	4.3	4.4		14.0	
60	WFCZfl2	8	MID-FLOOD	2-May-06			25.2	6.0	5.9	6.0	91.5	89.8	8.0	27.4	5.5	5.3	4.9	10.0	11.7
61	WWA1	S	MID-EBB	4-May-06			25.1	6,3	6.2		95.2	93.9	8.0	29.4	3,9	3.6		4.0	
62	WWA1	м	MID-EBB	4-May-06	17:30	6.80	25.0	6.5	6.4	6.4	99.7	98.1	8.0	29.4	3.8	3,6		7.0	j
63	WWA1	в	MID-EBB	4-May-06			25.0	6.5	6.5	6.5	99.8	98.2	8.0	29,4	3.7	3.8	3.8	8.5	6.5
64	WWA2	s	MID-EBB	4-May-06			25,1	6.4	6.3		97.3	95.7	8,0	29.4	3.9	3.9		5.5	j
65	WWA2	M	MID-EBB	4-May-06	17:42	7.30	25.0	6.6	6.5	6.4	101.2	99.1	8.0	29.5	18.5	18.5		21.5	
66	WWA2	в	MID-EBB	4-May-06			25.0	6.2	6.2	6.2	96.3	94.7	8.0	29.7	26.7	27.2	16.4	36.0	21.0
67	WWA3	S	MID-EBB	4-May-06			24.9	6.4	6.3		97.9	96.4	8.0	29.5	4.0	4.3		5.5	
68	WWA3	м	MID-E88	4-May-06	17:54	7,90	24.9	6.4	6.4	6.4	97.6	96.4	8.0	29.7	6,2	6.0]	9.0	
69	WWA3	в	MID-E8B	4-May-06			24.8	6.3	6.3	6,3	95.8	94.7	8.0	29.7	5.2	5.5	5.2	11,0	8.5
70	WRA1	s	MID-EBB	4-May-06			24.9	6.4	6.3		97.3	95,7	8.0	29.6	2.6	2.8		6.0	
71	WRA1	м	MID-EBB	4-May-06	17:17	30.10	24.6	6.1	6.1	6.2	94.1	92.3	8.0	30.9	4.3	3.9		5.0	j l
72	WRA1	В	MID-E8B	4-May-06			24.5	6.5	6.4	6.5	100.2	97.7	8.0	31.6	4,5	4.3	3.7	7.0	6.0

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			et wormoning			Water	lemp.			Average		<u></u>	(Salinity,	Turb	idity.	Averaged	Suspended Solid,	Averaged
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N		Value	mg/L	Value
73	WRA2	s	MID-EBB	4-May-06			25.0	6.8	6.1		95.6	94.0	8.0	29,4	3.0	3.2		8.5	
74	WRA2	M	MID-EB9	4-May-06	17:03	29.40	24.7	6.2	6.1	6.3	96.3	94.6	8.0	30.9	3.7	3.5		9.0	<u> </u>
75	WRA2	B	MID-EBB	4-May-06			24.5	6.4	6.3	6.3	95.8	94.1	8.0	31.4	4.5	4.5	3.7	9.5	9.0
76	WRA3	S	MID-EBB	4-May-06			25.0	6.3	6.3		97.1	95.5	8,0	29.5	2.7	2.7		6.0	
77.	WRA3	M	MID-EBB	4-May-06	16:50	28.40	24.6	6.3	6.3	6.3	97.4	95, 9	8.0	31.3	4,2	4.3		6.5	j l
78	WRA3	в	MID-EBB	4-May-06			24.8	6.4	6.4	6.4	99.0	97.3	8.0	29.8	3.8	3.1	3.5	6.0	6.2
79	WWFCZ1	S	MID-EBB	4-May-06			25.1	6.2	6.1		95.2	93.7	8.0	29.4	2.5	2.6		7,5	
80	WWFCZ1	м	MID-EBB	4-May-06	16:12	30,70	24.7	6.0	5.9	6.1	89.5	88.4	8.0	30.5	3.4	3.3		8.0	
81	WWFCZ1	В	MID-E8B	4-May-06			24.6	6.4	6,3	6.3	97.8	96.3	8.0	31.3	4.4	4.4	3,4	9.8	8.4
82	WWFCZ2	S	MID-EBB	4-May-06			25.1	6.3	6.2	i	96.5	94.9	8.0	29.5	2.4	2.6		6,0	_ ·
83	WWFCZ2	M	MID-EBB	4-May-06	16:23	40.00	24.6	6.4	6.3	6.3	97.5	96.0	8.0	31.2	3.6	3.7		15,0	<u> </u>
84	WWFCZ2	B	MID-EBB	4-May-06			24.5	6.4	6.4	6.4	98.3	96.8	8,0	29.7	4.6	5.1	3.7	12.5	11.2
85	WFCZR1	s	MID-EBB	4-May-06			25.2	6.0	6.0		92.0	90.3	8.0	29.1	2.8	2.7]	7.5	1
86	WFCZR1	M	MID-EBB	4-May-06	16:00	41.30	24.8	6.3	6.3	6.1	95.6	94.5	8.0	31.2	3.0	3.2		10.0	
87	WFCZR1	8	MID-EBB	4-May-06			24.7	6,3	6.3	6.3	94.6	93,2	8.0	30.9	3.0	3.1	3.0	6.0	7.8
88	WFCZR2	S	MID-EBB	4-May-06			25.0	6.5	6,4		97,2	95.9	8.0	29.2	2.8	2.9		6.0	
89	WFCZR2	м	MID-E8B	4-May-06	16:37	37.80	24.5	6.4	6.3	6,4	98.2	96.4	8.0	31.6	4.1	4.4		5.0	
90	WFCZR2	В	MID-E8B	4-May-06		!	24.5	6.4	6.3	6.4	97.0	95,4	8,0	31.6	4.5	4.5	3.9	13.0	8.0
91	WWA1	s	MID-FLOOD	4-May-06			24.9	6.0	6,0		89.1	87.8	8.0	28.8	3.9	3.9		11.5	
92	WWA1	м	MID-FLOOD	4-May-06	10:45	12.10	25.0	6.4	6,4	6.2	97.4	96.1	8.0	28.6	49.3	48.2		44.0	
93	WWA1	В	MID-FLOOD	4-May-06			24.8	6.5	6,5	6.5	95.9	94.7	8.0	28.9	31.9	32.3	28.3	47.5	34.3
94	WWA2	S	MID-FLOOD	4-May-06		1	24.9	6.2	6.1		97.1	95.1	8.0	29.0	5.9	5.2		9,5	
95	WWA2	м	MID-FLOOD	4-May-06	10:57	8.90	24.8	6.2	6.2	6.2	96.5	94.5	8.0	29.1	4.7	4.1	1	8.0	1
96	WWA2	в	MID-FLOOD	4-May-06			24.B	6.4	6.4	6.4	94.7	93.7	8.0	29.1	2.6	2.8	4.2	9.0	8.8
97	WWA3	S	MID-FLOOD	4-May-06			24,8	6.3	6.2		98.6	95.7	8.0	28,9	2.9	2.6		5.5	4
98	WWA3	м	MID-FLOOD	4-May-06	11:03	7.80	24.8	6.3	6.2	6.3	97.0	95,4	8.0	29.1	3.0	2.9		5.5	4
99	WWA3	B	MID-FLOOD	4-May-06			24.7	6.2	6.1	6.1	92.5	91.3	8.0	29.2	2.9	2.7	2.8	6.5	5.8
100	WRA1	5	MID-FLOOD	4 May-06			24.8	6.2	6.1	<u> </u>	94.2	92.5	8.0	28.9	3.2	3.1		10.0	4
101	WRA1	м	MID-FLOOD	4-May-06	10:27	38.00	24.8	6.2	6.2	6.2	94.5	93.1	8.0	29.4	3.6	3.8		7.0	
102	WBA1	в	MID-FLOOD	4-May-06			24.8	6.3	6.2	6.3	97.4	95.1	8.0	29.4	2.5	2.4	3.1	3.5	6.8
103	WRA2	S	MID-FLOOD	4-May-06			25.0	6.3	6.2	1	96.8	94.8	8.0	28,7	3.2	3.2	1	7.0	4
104	WRA2	M	MID-FLOOD	4-May-06	10:13	29,70	24.8	6.2	6.1	6.2	93.2	91.8	8.0	29.5	2.9	2.8	-	9.0	4
105	WRA2	В	MID-FLOOD	4-May-06			24.7	6,2	6.1	6.2	95.7	94.0	8.0	30.0	2.4	2.8	2.9	13.5	9,8
106	WRA3	s	MID-FLOOD	4-May-06			24.9	6,2	6.1		92.2	90.9	8.0	28.6	2.5	2.5	4	5.5	4
107	WRA3	м	MID-FLOOD	4-May-06	10:00	31.40	24.6	6.3	6.2	6.2	94.3	92.8	8.0	30,4	2.8	3.1	4	7.3	4
108	WRA3	В	MID-FLOOD	4-May-06			24.6	6.3	6.2	6.2	95.3	93.8	0.8	30.4	3.0	4,3	3.0	3.5	5.4
109	WWFCZ1	s	MID-FLOOD	4-May-06			24.8	6.0	5.9		90.4	89.2	8,0	28.7	2.0	1.6	4	5.0	4
110	WWFCZ1	м	MID-FLOOD	4-May-06	9:13	31.40	24.7	6.2	6.1	6,1	94.1	92.6	8.0	29.5	1.7	3.0	4	7.0	4
111	WWFCZ1	в	MID-FLOOD	4-May-06			24.6	6.1	6.1	6.1	93.9	92.5	8.0	30.8	4.4	4.1	2.8	12.5	8.2

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	lemp. ℃	DO.	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt		oidity, TU	Averaged Value	Suspended Solid, mg/L	, Averaged Value
112	WWFCZ2	S	MID-FLOOD	4-May-06			24,8	6.1	6.0		92.5	90.5	8.0	29.2	3.1	2.7		7.0	
113	WWFCZ2	м	MID-FLOOD	4-May-06	9:28	39.30	24.6	6.3	6.2	6.1	95.4	93.8	8.0	31.1	4.4	4.4		9.5	1
114	WWFCZ2	В	MID-FLOOD	4-May-06		i	24.5	6.2	6,1	6.1	95.2	93.7	8.0	31.7	4.4	4.5	3.9	13.5	10.0
115	WFCZR1	S	MID-FLOOD	4-May-06			25.0	6.0	5.9		92.3	90.3	8.0	28.3	2.5	2.6		17.0	
116	WFCZR1	M	MID-FLOOD	4-May-06	9:00	48.50	24.5	6.0	6.0	6.0	90.9	69,2	8.0	32.0	5.3	5.2		13.0	
117	WFCZR1	в	MID-FLOOD	4-May-06			24.5	6.2	6.2	6.2	95.6	94.1	8.0	31,5	4.5	4.2	4.0	6.5	12.2
118	WFCZR2	s	MID-FLOOD	4-May-06			24.8	6.5	6.4		98.0	96.5	8.0	28,6	3.2	3.0		10.5	
119	WFCZR2	м	MID-FLOOD	4-May-06	9:45	42.70	24.7	6,3	6.2	6.4	96.3	94.7	8.0	30.8	5.3	4.8	1	5.0	
120	WFCZR2	в	MID-FLOOD	4-May-06			24.7	6.4	6.4	6.4	97.2	95.8	8.0	29,9	3.4	3.8	3,9	5.5	7.0
121	WWA1	s	MID-EBB	6-May-06			26.5	6.4	6.4		92.2	91.1	6.1	15.0	4.0	4.1	1	5.0	
122	WWA1	M	MID-EBB	6-May-06	16:28	7.20	26.4	6.7	6,7	6.5	91.6	90.9	8.1	11.7	4.4	4.3		6.0	
123	WWA1	в	MID-EBB	6-May-06			26.6	6,5	6.5	6.5	93.1	92.0	8.1	16.8	4.9	4.8	4.4	6.5	5.8
124	WWA2	s	MID-EBB	6-May-06			26.4	6,5	6.4		90.2	89.6	8.1	15.4	4.6	4.2		5.0	
125	WWA2	м	MID-EBB	6-May-06	16:13	9,10	26.4	6,5	6.4	6.4	90,3	89.6	8.1	16.8	4.3	4.4	1	5.0]
126	WWA2	в	MID-EBB	6-May-06			26.2	6.3	6,3	6.3	91.8	91.0	8.1	20.1	4.5	4,5	4.4	5.5	5.2
127	WWA3	s	MID-EBB	6-May-06			26.4	6.3	6,3		90.4	89.8	8.1	17.5	5.3	5,3		6,5	1
128	WWA3	M	MID-EBB	6-May-06	16:00	6.00	26.4	6.0	6.0	6.2	B7.2	B6.7	8.1	21.5	3.9	4.0	1	10.5	
129	WWA3	8	MID-EBB	6-May-06			26.0	6.0	6,0	6.0	86.9	86.0	8.1	23,9	4.1	4.1	4,4	7.5	8.2
130	WBA1	s	MID-EBB	6-May-06			26.6	6.7	6.6		93,1	92.3	8.1	14.2	3.5	3.5		6.0	
131	WBA1	M	MID-EBB	6-May-06	16:43	24.90	25.9	6.0	6.0	6.3	92.1	90.5	8.1	27.5	1.9	2.1		4.0	1
132	WBA1	в	MID-EBB	6-May-06	i		25.4	6.1	6,0	6.0	90.9	90.1	8.1	29.9	3.1	3.2	2.9	6,5	5.5
133	WRA2	s	MID-EB8	6-May-06			26.3	6.5	6.5		92.5	91.3	8.1	14.3	3.2	3.3		7.5	1
134	WRA2	M	MID-EBB	6-May-06	17:00	30.40	25.3	6.0	5.9	6.2	91.0	89.8	8.1	29.4	2.8	2.8		3.5	1
135	WRA2	в	MID-EBB	6-May-06	1		25.0	5.9	5.9	5.9	91.4	89,9	8.1	30.3	3.7	3.5	3.2	7.0	6.0
136	WRA3	s	MID-EBB	6-May-06			26.1	6.6	6.5		94.8	93.5	8.1	15.9	4.7	4.7		8.0	1
137	WRA3	M	MID EBB	6-May-06	17:12	27.40	25.2	5.9	5.9	6.2	90.0	88.9	8.0	29.3	2.4	2.4	1	3.5	1
138	WRA3	B	MID-EBB	6-May-06			25.0	5.9	5.8	5.8	91.5	89.1	8.0	30.4	2.7	2,6	3.2	3.5	5.0
139	WWFCZ1	s	MID-EBB	6-May-06			26.3	6.8	6.8		97.2	96.3	8.1	15.9	3.1	3.1		6.0	
140	WWFGZ1	M M	MID-EBB	6-May-06	17:46	36.70	25.2	6.0	5.9	6.4	91.5	89.5	8.1	28.9	3.0	2.8		5.0	1
140	WWFCZ1	B	MID-EBB	6-May-06	1		25.1	6.0	6.0	6.0	92.4	89.9	8.1	30.1	1.9	2.0	2.7	4.0	5.0
142	WWFCZ2	s	MID-EBB	6-May-06			26.4	6.8	6.8		97.9	95.3	8.1	14.5	3.5	3.5		5.0	1
143	WWFCZ2	M	MID-EBB	6-May-06	17:39	24.90	25.6	6.1	6.0	6.4	93.1	91.5	8.1	26.3	2.1	2.5	1	3.5	1
	WWFCZ2	B	MID-EBB	6-May-06			25.2	5.9	5.9	5.9	90.0	88.1	8.1	29.1	2.6	2.7	2.8	4.0	4.2
<u>144</u> 145	WFCZR1	S	MID-EBB	6-May-00			26.2	6.8	6.7		96,1	94.9	8.1	15.5	3.5	3.7	-/3	6.0	
145	WFCZR1	M	MID-EBB	6-May-06	17:58	40.50	25.3	5.8	5.7	6.3	90.0	66,8	8.1	28.7	3.1	3.1	1	4.0	1
		B	MID-EBB	6-May-06			25.1	6.0	6.0	6.0	92.8	91,0	8.1	30.5	2.2	2.3	3.0	4.0	4.7
147	WFCZR1		MID-EBB MID-EBB	6-May-06			26.4	6.7	6.7	- 0.0 -	93.9	93,1	8.1	14.6	3.5	4.2		11.0	+
148	WFCZR2	<u>s</u>	1	6-May-06	17:25	41.80	25.3	5.9	5.8	6.3	88.7	87.8	8.1	29.0	2.8	3.0	1.	11.0	1
149	WFCZR2	M	MID-EBB		1	1	25.3	5.9 6.0	6.0	6.0	93.6	92.2	8.1	28.6	2.8	2.7	3.2	8.5	10,2
150	WFCZR2	6	MID-E8B	6-May-06	1	<u></u>	20.3	0.0	0.0	0.0	93,6	32.2	0.1	20.0	2.0	6.1	0.2	3.0	<u> </u>

HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service

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						Water	(emp.			Average		<u>.</u>		Salinity,	Turb	idity,	Averaged	Suspended Solid,	Averaged
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N		Value	mg/L	Value
151	WWA1	ŝ	MID-FLOOD	6-May-06			27.1	6.8	6.B		97.1	95.8	8,1	13.9	4.2	4.2	[5.5	
152	WWA1	M	MID-FLOOD	6-May-06	12:59	7.70	26.3	6.5	6.4	6.6	93.6	93.1	8.1	20.2	3.2	3,4	1	7.5	
153	WWA1	8	MID-FLOOD	6-May-06			26.3	6.6	6,5	6.6	94.4	93.8	8.1	19,5	3.6	3.6	3.7	4,5	5.8
154	WWA2	s	MID-FLOOD	6-May-06			27.1	6.6	6.6		93.6	92.6	8.1	14.0	4.4	4.3		6.0	
155	WWA2	м	MID-FLOOD	6-May-06	12:44	8.20	27.0	6.5	6.4	6.5	92.5	91.6	8,1	15.9	4.6	4.6	1	6.5	
156	WWA2	В	MID-FLOOD	6-May-06			26.9	6.5	6,5	6.5	92.9	92.0	8.1	16.0	5.0	5.1	4.7	7.0	6.5
157	WWA3	S	MID-FLOOD	6-May-06			27.4	6.4	6.3		92.2	91.3	8.1	13.7	4.3	4.3		8.0	
158	WWA3	M	MID-FLOOD	6-May-06	12:30	7.70	27.0	6.6	6.6	6.5	93.1	92.8	8.1	17.1	4.3	4.4	1	5.0	1
159	WWA3	8	MID-FLOOD	6-May-06			26.9	6.6	6.6	6.6	94.6	93.7	8.1	16.7	4.7	4.8	4.5	3.8	5.6
160	WRA1	s	MID-FLOOD	6-May-06			27.1	6.7	6.7		96.4	95,1	8.1	13.7	3.6	3.6		4,0	
161	WBA1	м	MID-FLOOD	6-May-06	13:13	33.10	25.3	6.1	6.0	6.4	92.9	91.6	8.0	29.9	3.1	3.3		4.0	
162	WRAI	B	MID-FLOOD	6-May-06			25.1	6.1	6.0	6.1	93.9	92.2	8.0	30.3	3.1	3,3	3.3	4.0	4.0
163	WRA2	s	MID-FLOOD	6-May-00			26.9	7.2	7.1	0.1	101,3	100.3	8.0	13.7	4.2	4.3	_,_	4.5	
164	WRA2	M	MID-FLOOD	6-May-06	13:27	31.40	25.4	6.1	6.0	6.6	92.3	90.8	8.0	28.7	3.2	3.2		5.0	1
165	WRA2	B	MID-FLOOD	6-May-06			25.1	6.1	6,1	6.1	94.3	93.0	8.0	29.6	2.5	2.5	3.3	6.0	5,2
166	WRA3	s	MID-FLOOD	6-May-06			26.8	7.1	7.0	0.1	99.9	98.5	8.1	14.0	3.7	3.8		6.0	
167	WRA3	M	MID-FLOOD	6-May-06	13:40	32.30	25.4	6.1	6.0	6.6	92.3	90.9	8.1	28.5	2.8	2.8	1	6.5	
168	WRA3	- M	MID-FLOOD	6-May-06			25,1	6.2	6.1	6.1	94,6	92.7	8.1	29.9	2.9	2.9	3.1	4.0	5.5
169	WWFCZ1	s	MID-FLOOD	6-May-06			26.8	7.1	7.1		101.9	101,1	8.0	14.9	3.8	4.0	***	9,5	
170	WWFCZ1	M	MID-FLOOD	6-May-06	14:20	32.50	25.5	6.1	6,1	6.6	94,9	93,3	8.0	27.7	2.4	2.9		9,0	1
171	WWFCZ1	B	MID-FLOOD	6-May-06			25.2	6.0	5.9	6.0	93.5	91,8	8,0	29.9	3.4	3.3	3.3	7.0	8.5
172	WWFCZ2	5	MID-FLOOD	6-May-06			26.7	7.1	7.1	0.0	99.3	98,5	8.1	14.3	4.3	4.1		4.5	
173	WWFCZ2	M	MID-FLOOD	6-May-06	14:06	41.20	25.4	6.2	6.2	6.7	94.7	93.6	8.1	27.9	2.8	2.8	-	10.0	i
174	WWFCZ2	B	MID-FLOOD	6-May-06			25.2	6.2	6.0	6,1	95,3	93.3	8.1	30.2	2.7	2.8	3.2	8.5	7.7
175	WFCZR1	s	MID-FLOOD	6-May-06			26.9	7.0	6,9	0,,	98.7	97.6	8,1	14.7	4.3	4.4	- 11	6.0	
176	WFCZR1	м	MID-FLOOD	6-May-06	14:33	39,70	25.5	6.3	6.3	6.6	94.8	93.5	8.0	28.0	2.4	2.8		4.3	i i
177	WFCZR1	в	MID-FLOOD	6-May-06			25.3	6,2	6.1	6.2	94.2	92.9	8.1	29.3	3.1	2.6	3.3	6.5	5.6
178	WFCZR2	s	MID-FLOOD	6-May-06		<u> </u>	26.8	7.0	7.0		98.5	97.8	8.1	14.3	4.0	3.8		4.5	
179	WFCZR2	M	MID-FLOOD	6-May-06	13:52	38.70	26.0	6.5	6,5	6.8	94.0	93.3	8,1	21.1	3,0	3.2	1	8.0	1
180	WFCZR2	В	MID-FLOOD	6-May-06			25.2	6,1	6.1	6.1	95.2	93.2	8,1	30.0	3.1	2.9	3.3	6.5	6.3
181	WWA1	s	MID-EBB	8-May-06			27.1	7.0	6.9		98,3	98.1	8.2	18.8	3.6	3.7	1	4.0	
182	WWA1	M	MID-EBB	8-May-06	10:57	7.50	26.4	6.3	6.3	6.6	92.7	91.8	8.2	24.3	2.7	2.7	1	4.5	
183	WWA1	8	MID-EBB	8-May-06			26.4	6,4	6.4	6.4	94.2	93.1	8.2	24.1	3.0	3.0	3.1	3,5	4.0
184	WWA2	s	MID-EBB	8-May-06		f	26.8	6,2	6.1		91.1	90,3	8.2	21.7	3.0	2.9		6,0	
185	WWA2	M	MID-EBB	8-May-06	10:43	7.70	26.4	6,0	6.0	6.1	88.8	87.8	8.2	24.3	2.8	2.8	1	7.0	
186	WWA2	В	MID-EBB	8-May-06			26.3	6.1	6.1	6.1	90.5	89,5	8.2	25.1	2.6	2.6	2.8	4.5	5.8
187	WWA3	s s	MID-EBB	8-May-06		1	27.0	6.1	6.1	1	88.7	88.2	8.2	19.9	2.4	2.5		10.0	
188	WWA3	м	MID-EBB	6-May-06	10:30	6.00	26.7	6.1	6.0	6.1	88.6	88.1	8,2	24.4	2.7	2.8	1	5.0	
189	WWA3	B	MID-EBB	8-May-06			26.7	6.1	6.0	6.0	88.6	87.9	8.2	23.7	5.8	4.8	3.5	7.0	7.3

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		0	Tide	Complian Date	Time	Water depth, m	lemp, ℃	50		Average value	D0 er a	aturation	pH, Unit	Salinity, ppt	Turb N		Averaged Value	Suspended Solid, mg/L	Averaged Value
Lab 1D	Location	Position	Tide	Sampling Date	time	aeput, m			mg/L	value					2.8		v uide	12.0	
190	WRA1	S	MID-EBB	8-May-06	11:07	30.30	27.5	7.2	7.2	6,8	101.1 93.1	100.9 92.4	8.3 8.2	15.5 24.2	2.8	2.8 2.9	1	7.5	
191	WRA1	<u>M</u>	MID-EBB	8-May-06		00.00	26.4	6.3 6.2	6.2	6.2	93.1	92.4 91.3	8.1	27.7	2.0	2.9	2.8	5.0	8.2
192	WRA1	<u> </u>	MID-EBB	8-May-06			25.9 27.3	7.1	6.2 7.1	0.2	101,9	101.4	8.3	16.6	3.9	3.8	2.0	7.5	<u> </u>
193	WRA2	S	MID-EBB	8-May-06	11:22	26,10	25.8	6.0	5.9	6.5	91.6	90.0	8,1	29.4	2.3	2.4	1	6.0	1
194	WRA2	M	MID-EBB MID-EBB	8-May-06 8-May-06	11.22	20.10	25.6	6.1	6.0	6.1	91.9	90.7	8,2	29.4	2.0	2.2	2.8	7.0	6,8
195	WRA2 WRA3	B	MID-EBB	8-May-06			27.4	7.4	7.4	0.1	103.2	102.6	8,3	15.8	4.0	4.1	2.0	8.5	- 0.0
196			****	8-May-06 8-May-06	11:34	32.20	27.4	5.9	5.8	6.7	90.4	89.1	8.1	28,9	2.3	2.3	1	6.5	1
197	WRA3 WRA3	M B	MID-EBB MID-EBB	8-May-06			25.5	6.0	5.9	6.0	92.9	91.4	8.1	30,4	2.7	2.9	3.0	7.0	7.3
198		S	MID-EBB				27.5	7.6	7.6	0.0	105.7	105.5	8.4	13.9	3.1	3,1	0.0	4.5	
199	WWFC21		MID-EBB	8-May-06 8-May-06	12:09	33.10	25.7	6.1	6.0	6.8	92.6	91.7	8.2	27.6	2.9	3.0		2.8	1
200	WWFC21 WWFC21	M B	MID-EBB	8-May-06			25.7	6.1	6.1	6,1	92.2	91.5	8.2	29.5	2.0	2.1	2.7	3.8	3.7
201 202	WWFCZ2	в s	MID-EBB	8-May-06 8-May-06			27.4	7.3	7.2	0.1	103.6	102.5	8.3	15.1	3.4	3.3	2.0	4.5	<u> </u>
202	WWFCZ2	M	MID-EBB	8-May-06	11:57	40.60	25.7	5.9	5.8	6.6	91.7	90.3	8.2	28,9	2.2	2.3	1	2.8	1
203	WWFCZ2	в	MID-EBB	8-May-06			25.3	6.1	6.0	6.0	91.8	90.9	8.2	30.7	2.7	2.9	2.8	6.0	4.4
204	WFCZR1	ь S	MID-EBB	8-May-00			27.3	7.5	7.5	0.0	105.8	105.5	8.4	15.1	3.7	3,6		5.0	
205	WFCZR1	м	MID-EBB	8-May-06	12:25	41.10	25.5	5.9	5.8	6.7	90.6	89.4	8.2	27.3	3.2	3.2	ſ	11.5	1
200	WFCZR1	B	MID-EBB	8-May-06			25.3	6.1	6.1	6.1	90.8	90.4	8.2	30.9	2.9	2.9	3.2	6.0	7.5
207	WFCZR2	s s	MID-EBB	8-May-06			27.3	7.0	7.0	0.1	100.4	99.5	8.4	15.1	3.5	3.5		7,5	1
200	WFCZR2	<u>м</u>	MID-EBB	8-May-06	11:45	36.80	25.4	5.8	5.7	6.4	91.5	88.3	8.2	30.8	3.0	3.0		10.5	1
210	WFCZR2	B	MID-EBB	8-May-06			25.3	6.1	6.1	6.1	93.3	91.7	8.2	30.5	2.8	2,9	3.1	8.5	8.8
211	WWA1	s	MID-FLOOD	8-May-06	-		28.3	7.2	7.2		101.2	100.9	8,3	14.1	4.2	4.2		11.0	
212	WWA1	M	MID-FLOOD	8-May-06	16:27	9.50	27.6	6.9	6,8	7.0	99.3	98.8	8.3	18.2	3,4	3.4	1	5.3	1
213	WWA1	В	MID-FLOOD	8-May-06			27.4	7.1	7.1	7.1	100.0	100.2	8.3	18.6	3.6	3.5	3.7	5.0	7.1
214	WWA2	s	MID-FLOOD	8-May-06			28.2	7.0	7.0		98.4	98.5	8.3	14.8	4.6	4.6		5.5	1
215	WWA2	M	MID-FLOOD	8-May-06	16:13	6.80	27.8	7.0	7.0	7.0	99.1	98.9	8.3	17.0	4.5	4.6	1	5.0	1
215	WWA2	B	MID-FLOOD	8-May-06			28.1	7.5	7.5	7.5	103.3	103.7	8.3	15.7	5.2	5,1	4.8	14.0	8.2
210	WWA3	S	MID-FLOOD	8-May-06			28.2	6.8	6.8		97,4	97.2	8.3	16.2	4.3	4.1		4.0	
217	WWA3	M	MID-FLOOD	8-May-06	16:00	7.00	28.0	6,9	6.7	6.8	97.7	97.5	8.3	16.8	4.3	4.2	1	7.5	1
210	WWA3	B	MID-FLOOD	8-May-06			27.8	6.7	6.7	6.7	96.B	96.5	8.3	16.6	4.6	3.9	4.2	5.0	5.5
220	WRA1	s	MID-FLOOD	8-May-06			27.9	7.6	7.6		104.7	104,8	8.3	14.9	3.7	3.9		12.0	
221	WBA1	M	MID-FLOOD	8-May-06	16:39	36.50	26.5	6.1	6.0	6.8	92.2	90.8	8.3	25.0	2.9	2.9	1	13.5	1
222	WBA1	B	MID-FLOOD	8-May-06			26.0	6.2	6.2	6,2	91.8	90.7	8.3	26.3	3,1	3.2	3.3	6.0	10.5
223	WRA2	s	MID-FLOOD	8-May-06			27.9	8.0	6.0	1	109.2	109.7	8.4	14.9	4.2	4.3		14.0	
224	WRA2	M	MID-FLOOD	8-May-06	16:53	37.20	25.8	6.0	6.0	7.0	91.2	90.2	8,4	29.3	3.9	3.9	1	13.5	1
224	WBA2	в	MID-FLOOD	8-May-06		l	25.3	6.0	6.0	6.0	90.9	89.8	8.4	30.5	2.8	2.8	3.6	4.5	10.7
225	WRA3	s	MID-FLOOD	B-May-06			27.6	7.9	7.9		108.5	108.7	8.4	15.4	3.9	3.9		7.5	
227	WRAS	м	MID-FLOOD	8-May-06	17:08	29.40	26.0	6.1	6.1	7.0	94.2	91.0	8.4	28.0	2.2	2.6	1	11.0	1
228	WRA3	B	MID-FLOOD	8-May-06			25.5	6.3	6,3	6.3	93.1	92.4	8.4	29,7	2.2	2.2	2.8	12.5	10.3

HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service Marine Water Quality Impact Monitoring

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	(emp. ⁰C	DO,	mail	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt	Turb	idity, ru	Averaged Value	Suspended Solid, mg/L	Average Value
229	WWFCZ1	S	MID-FLOOD	8-May-06	12110	dopan, in	27.7	8.3	8.3		115.4	115.8	8.4	16.0	3,9	3.9		5.5	
230	WWFCZ1	M	MID-FLOOD	8-May-06	17:48	38,80	25.8	6.1	6.0	7.2	93.5	92.4	8.1	29.1	2.4	2.6	1	5.5	
230	WWFCZ1	B	MID-FLOOD	8-May-06			25.5	6.1	6.0	6.1	91.2	90.1	8.1	29.6	3.4	3.3	3.2	4.5	5.2
232	WWFCZ2	s	MID-FLOOD	8-May-06			27.8	8.2	8,2		111.6	112.5	8.4	15.7	4.2	4.3		12.5	
233	WWFCZ2	M	MID-FLOOD	8-May-06	17:33	39.50	25.9	6.2	6,1	7.2	94.2	93.1	8.4	28.4	4.4	4.3	1	4.0	1
234	WWFCZ2	В	MID-FLOOD	8-May-06		· ·	25.4	6.1	6,0	6.1	93,2	92.1	8,4	30.7	2.7	2.6	3.7	12.0	9.5
235	WFCZR1	s	MID-FLOOD	8-May-06			27.7	7.9	7.9		109.7	108.7	8.4	15.7	4.3	4.3		8.5	
236	WFCZR1	M	MID-FLOOD	8-May-06	18:01	48.20	26.0	5.9	5.8	6.9	91.4	89.4	8.4	29.1	4.8	4.2		8.0]
237	WFCZR1	В	MID-FLOOD	8-May-06			25.5	5.9	5.9	5.9	92.2	90.7	8.4	30.1	3.2	3.2	3.9	6.5	7.7
238	WFCZR2	s	MID-FLOOD	8-May-06	<u>.</u>		27.6	7.9	7.9		111.1	110.8	8.4	15.7	3,9	3.8		11.5	
239	WFCZR2	м	MID-FLOOD	8-May-06	17:20	42.20	25.6	6.2	6.2	7.1	93.1	92.2	8.4	29.5	3.1	3.2		7.0]
240	WFCZR2	B	MID-FLOOD	8-May-06			25.5	6.1	6.0	6.1	91.9	91.0	8.2	30.6	3.2	3.2	3.4	6.0	8.2
241	WWA1	s	MID-EBB	10-May-06		<u> </u>	28.0	7.2	7.2		98.2	98.0	8.2	14.8	5.4	6.6		11.0	
241	WWA1	M	MID-EBB	10-May-06	12:28	8.00	27.9	7.0	7.0	7.1	97.9	97.5	8.2	15.2	3.6	2.9	1	6.5	
243	WWA1	8	MID-EBB	10-May-06		1	27.0	7.1	7.1	7.1	96.4	96.9	8.2	25.4	5.0	5,3	4.8	13.5	10.3
244	WWA2	s	MID-EBB	10-May-06			28.2	6,9	6.9		88.3	88.5	8.2	16.2	3.9	4.1	· · · · ·	4.0	
245	WWA2	M	MID-EBB	10-May-06	12:14	8.80	27.7	6.9	7.0	6.9	88.8	88.9	8.2	16.9	4.1	4.1		8.5]
246	WWA2	B	MID-EBB	10-May-06			27.4	7.1	7.1	7,1	88.4	88.6	8.2	25.8	4.2	4.2	4.1	7.0	6.5
240	WWA3	s	MID-EBB	10-May-00			28.0	7.2	7.2		90,4	90.9	8.1	16.4	4.8	4.6		10.0	1
248	WWA3	м	MID-EBB	10-May-06	12:00	6.20	28.0	7.0	7.0	7.1	91.7	90.0	8.1	16.9	3.0	3.8		6.5]
249	WWA3	в	MID-EBB	10-May-06			27.4	6.8	6.9	6.8	92.4	93.1	8.1	27.8	3.0	3.3	3.7	6.0	7.5
250	WRA1	s	MID-EBB	10-May-06			28.4	5.8	5.8		83.5	82.9	8.2	14,1	2.7	3.4		6.0	
251	WRA1	M	MID-EBB	10-May-06	12:45	30.10	26.1	7.0	7.0	6.4	105.7	104.6	8.2	28.6	1.3	1.6		4.5]
252	WBA1	B	MID-EBB	10-May-06			25.8	6.5	6.4	6,5	100.2	98.4	8.2	29.4	2.9	3.0	2.5	4,5	5.0
253	W8A2	s	MID-EBB	10-May-06			28.3	8.6	8.5		123.5	123.1	8.3	14.3	3.0	3.2		5.0	
254	WRA2	м	MID-EBB	10-May-06	13:00	30.50	26.5	7.0	6.9	7.8	106.3	104.9	8.3	25.4	2.6	3,0		5.5]
255	WRA2	в	MID-EBB	10-May-06			25.9	7.0	6.9	6.9	111.5	109.0	8,3	28.6	3.3	3.1	3.0	8.0	6.2
256	WRAS	s	MID-E8B	10-May-06			27.5	8.7	8.7		120.1	119.9	8.2	16.7	4.4	4.0		6.5	
257	WRA3	M	MID-EBB	10-May-06	13:13	32.20	28.1	8.2	8.1	8.4	118.2	117.0	8.3	14.6	3.0	2.8		10.0]
258	WRA3	в	MID-EBB	10-May-06			26.4	7.0	7.0	7.0	106.9	105.2	8.3	27.0	2.4	2.7	3.2	10.0	8.6
259	WWFC21	s	MID-EBB	10-May-06			27.5	8.2	8.1		115.9	115.6	8.4	16.0	3,2	3.2		5.8	1
260	WWFCZ1	M	MID-EBB	10-May-06	13:57	34.10	27.0	7.3	7.3	7.7	106.6	106.1	8.3	21.3	2.0	2.1	1	3.5	1
261	WWFCZ1	в	MID-EBB	10-May-06		}	26.1	6.4	6.4	6,4	98.1	96.8	8.3	27.3	2.8	2.4	2.6	6.0	5.1
262	WWFCZ2	s	MID-EBB	10-May-06		ľ	27.8	8.0	7.9		115.6	114.8	8.4	15.5	3,0	2.8		3.3	1
263	WWFCZ2	м	MID-EBB	10-May-06	13:40	41.20	26.3	6.6	6.6	7.3	105.1	102,5	8.3	26.3	2.3	2.2		4.5	1
264	WWFCZ2	В	MID-EBB	10-May-06	1		25.9	6.6	6.5	6.5	102.5	100.9	8.3	28.6	2.8	2.6	2,6	10.0	5.9
265	WFCZR1	s	MID-EBB	10-May-06			27.9	7,7	7.7		113.4	112.7	8.3	15.4	3.4	3.0		10.5	1
266	WFCZR1	M	MID-EBB	10-May-06	14:23	41.30	28.1	7.7	7.6	7.7	111.4	110.5	8.3	15.1	1.8	1.8		7.0	1
	WFCZR1	B	MID-EBB	10-May-06	1	1	26.5	6.6	6.5	6.6	101.3	99.8	8.2	25,5	2.3	2.4	2.4	6.0	7.8

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	(emp. ℃	DQ.	mg/L	Average value	DO. % s	aturation	pH, Unit	Salinity, ppt	Turb N	iidiity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
	WFCZR2	S	MID-EBB	10-May-06			27.6	8.3	8.2		119.4	118.3	8.3	15.2	3.4	3.3	1	9.0	<u> </u>
268 269	WFCZR2	M	MID-EBB	10-May-06	13:28	40.00	26.3	6.7	6.6	7.4	105.1	103.3	B.1	27.4	2.4	2.6	1	8.5	1
209	WFCZR2	В	MID-EBB	10-May-06			25,9	6.B	6.8	6.8	105.5	103.9	8.1	28.8	2.6	2.5	2.8	10.0	9.2
271	WWA1	s	MID-FLOOD	10-May-06			28.9	7.4	7.4		106.1	105.4	8.2	12.8	3.1	3.4		5.5	
272	WWA1	M	MID-FLOOD	10-May-06	8:43	8.40	28.4	7.1	7.1	7.3	102.6	102.1	8.2	14.0	3.9	4.1		7.0	1
272	WWA1	B	MID-FLOOD	10-May-06			28.3	7.2	7.1	7.2	102.6	101.1	8.2	14.4	3.1	4.9	3.8	5.5	6.0
274	WWA2	s	MID-FLOOD	10-May-06			28.7	7.0	6.9		101.2	100,4	8.2	13.8	4.8	5.0		8.5	
275	WWA2	м	MID-FLOOD	10-May-06	8:28	7.80	28.5	7.1	7.1	7.0	102.6	102.1	8.2	15.4	5.2	4.7	1	9.5	1
276	WWA2	B	MID-FLOOD	10-May-06			28.5	7.4	7.4	7.4	102.3	102.0	8.2	15.0	5.0	4,7	4,9	9.0	9.0
276	WWA3	S	MID-FLOOD	10-May-06			28.6	7.6	7,6		107.5	107.0	8.1	15,6	4.3	4.1		5.0	
278	WWA3	м	MID-FLOOD	10-May-06	8:15	8,20	28.5	7.0	7.0	7.3	101.4	100.5	8.2	15.6	5.0	5.1	1	7.0	1
279	WWA3	В	MID-FLOOD	10-May-06			28.4	6.9	6.9	6,9	101.9	101.2	8.2	15.7	3.4	3.6	4.3	7.5	6.5
2/9	WRA1	s s	MID-FLOOD	10-May-06			28.5	7.4	7.4		103.1	102.7	8.2	13.1	4.1	3.8		6.5	1
281	WRA1	M	MID-FLOOD	10-May-06	9:00	35.70	26.7	5.9	5.9	6.7	88.3	87.3	8.2	26.1	3.2	3.1		6.0	1
282	WBA1	В	MID-FLOOD	10-May-06			26.1	6.1	6.1	6.1	91,0	90.4	8.2	27.6	2.4	2.3	3.2	6.0	6.2
282	WRA2	S S	MID-FLOOD	10-May-06			28.2	6.2	6.5		100.9	110.0	8.3	17.4	3.9	4.1		5.5	
284	WRA2	M	MID-FLOOD	10-May-06	9:13	33.60	27.4	6.0	6.1	6.2	102.4	104.8	8.2	24.2	3,8	4.2		6.5	1
285	WRA2	B	MID-FLOOD	10-May-06			26.8	6.3	6.5	6.4	106.7	105.2	8.2	29.1	3.0	3.1	3.7	6.0	6.0
286	WRA2 WRA3	s	MID-FLOOD	10-May-06	————		28.1	7,1	7.1	0.4	99.7	98.0	8.2	17.0	3.7	3.5		3.5	
	WRA3	M	MID-FLOOD	10-May-06	9;28	32.90	27.0	7,5	7.5	7.3	97,3	97.7	8.3	16.4	2.4	2.7		5.0	1
287 288	WRA3	8	MID-FLOOD	10-May-06			26.7	7,4	7.5	7.5	97.4	98.4	8.2	28.0	2.3	2.6	2.9	5.0	4.5
289	WWFCZ1	s	MID-FLOOD	10-May-06			28.0	7.9	7.9	1	100.2	100.6	8.2	16.0	3,2	3.7	-	4.0	1
	WWFCZ1		MID-FLOOD	10-May-06	10:06	36.12	28.4	7.7	7.8	7,8	97.1	97.4	8.2	22.4	2.2	2,1	1	5.0	1
290				10-May-06	10.00	00.72	27.6	7.9	7.9	7.9	95.6	95.7	8.3	29.2	1.8	2.0	2,5	3.5	4.2
291 292	WWFCZ1 WWFCZ2	B	MID-FLOOD MID-FLOOD	10-May-06			28.4	7.9 8,1	8.1		100.1	100.5	8,3	16.4	2.7	2.6		5.5	
			MID-FLOOD	10-May-06	9:53	42.00	28.1	8.0	8.0	8.1	92.1	92,6	8.3	24.1	1.9	2.3		4.5	1
293	WWFCZ2	M	MID-FLOOD		0.00	72,00	26.1	7,8	7.9	7.8	93.5	93.4	8.3	28.0	3.0	3.1	2.6	5.5	5.2
294	WWFCZ2 WFCZR1	B	MID-FLOOD	10-May-06 10-May-06			28.4	7.5	7.7	7.0	98.3	98.6	8.2	15.8	3.4	3,4	2.0	6,0	
295	WFCZR1	M	MID-FLOOD		10:20	43.00	28.0	7.7	7.6	7.6	98.8	98.5	8.2	17.4	2.5	2.5		4.5	1
296					10.20	10.00	28.0	7.4	7.5	7.5	98,0	97.6	8.2	26.2	2.5	2.9	2,8	5.5	5.3
297	WFCZR1	B	MID-FLOOD	10-May-06						7.3	100.5	100.1	8.3	17.2	2.2	2.2	2,0	4.0	1
298	WFCZR2	S	MID-FLOOD	10-May-06	9:40	41.50	28.5	8.1	8.1 8.2		96.8	96.5	8.3	26.3	3.6	3.7	1	5.5	1
299	WFCZR2	<u>M</u>	MID-FLOOD	10-May-06	3.40	41.50	27.9	8.2	8.2	8.2 8.2	97,9	98.0	8.3	28.0	2.6	2.5	2.8	5.0	4.8
300	WFCZR2	В	MID-FLOOD	10-May-06			27.1	8.2	-	0.2	97.9	98.0	8,3	24.0	1.6	1.4	2.00	4,0	<u> </u>
301	WWA1	S	MID-EBB	12-May-06	14:00	13.15	27.6	6.0	5.9	1	-		8.3	24.0	3.5	2.8	1	8.0	1
302	WWA1	M	MID-EBB	12-May-06	14:00	13.15	27.6	6.0	6.0	6.0	90.1	89.0	8.3	24.5	3.0	2.9	2.5	7,0	6.3
303	WWA1	В	MID-EB9	12-May-06			27.3	6.1	6.0	6.1	92.6	91.5	-	25.2		1.7	2.0	7.0	1
304	WWA2	<u>s</u>	MID-EB8	12-May-06	10.45	0.40	27.6	5.6	5.6		69.4	87.6	8.2		1.6		1	12.0	-
305	WWA2	М.,	MID-EBB	12-May-06	13:45	6.40	27.4	5.9	5.8	5.7	92.3	90.4	8.2	25.8	2.4	3.1	1	12.0	10.2
306	WWA2	В	MID-EBB	12-May-06			27.4	5.7	5.6	5.6	91,4	89.1	8.2	25.8	2.4	2,1	2.2	17.5	10.2

HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service

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				r— .		Water	emp.			Average			,	Salinity,	Turb	idity,	Averaged	Suspended Solid,	Averaged
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N		Value	mg/L	Value
307	WWA3	s	MID-EBB	12-May-06			28.1	5.8	5.7		89.5	88.3	8.1	24.9	2.1	1,8		6.5	
308	WWA3	M	MID-EBB	12-May-06	13:30	6.00	27,6	5.8	5.8	5.8	89.5	88.2	8.1	25.6	2.7	2.9		10.5	
309	WWA3	в	MID-EBB	12-May-06			27.4	5,9	5,8	5.8	91.7	89.9	8.1	26.1	3.0	3.8	2.7	8.5	8.5
310	WBA1	S	MID-EBB	12-May-06			27.6	5.9	5.9		91.7	90.0	8.2	23.8	2.6	2.6		5.5	
311	WRA1	M	MID-EBB	12-May-06	14:13	39.40	26.8	5.5	5,5	5.7	86.6	84.9	8.2	27.2	3.8	3.6		3,0	()
312	WBA1	в	MID-EBB	12-May-06			26.3	5.6	5.5	5,6	89.2	86.8	8.2	28.9	6.9	7.7	4.5	11.0	6.5
313	WRA2	s	MID-E8B	12-May-06			27.6	6.2	6.1		92.6	91.4	8.2	24.0	1.8	3.0	}	4.5	
314	WRA2	м	MID-EBB	12-May-06	14:28	29.20	27.6	6.0	5.9	6.1	92.5	91.2	8.2	23.9	4.4	4.2]	6.5	
315	WRA2	в	MID-EBB	12-May-06			26.5	5.5	5.5	5.5	88.7	86.4	8.2	28.8	3.2	3.3	3,3	5.0	5.3
316	WRA3	s	MID-EBB	12-May-06			27.4	6.2	6.2		92.6	91.9	8.2	24.3	1.8	2.1		3.0	
317	WRA3	M	MID-EBB	12-May-06	14:45	29.40	26.7	5.9	5,8	6.0	89.5	88.3	8.2	27.8	2.8	2.9		8.0	
318	WRA3	в	MID-EBB	12-May-06			26.4	5.7	5.7	5.7	91.7	89.1	8.2	28.7	3.2	3.1	2.6	8.5	6.5
319	WWFCZ1	s	MID-EBB	12-May-06			27.8	6.2	6.1		94.6	93.3	8.2	23.9	1.5	1.1		5.8	1
320	WWFCZ1	м	MID-EBB	12-May-06	15:20	37.00	26.8	5.4	5.4	5.8	83.4	82.2	8.2	27.5	2.2	2.0		4.0	
321	WWFCZ1	в	MID-EBB	12-May-06			27.0	6.0	5.9	6.0	95.0	93.1	8.2	25.6	2,3	2.4	1.9	5.0	4.9
322	WWFCZ2	S	MID-EBB	12-May-06			27.7	6,0	5.9		93.0	92.0	8.3	23,5	1.7	0.9	j	2.8	
323	WWFCZ2	м	MID-EBB	12-May-06	15:07	38.50	26.9	5.7	5.6	5,8	85.3	84.7	8.2	27.0	2.3	2.0]	4.0	
324	WWFCZ2	В	MID-EBB	12-May-06			26.6	5.4	5.4	5.4	83.3	63.1	8.2	27.9	2.7	2.4	- 2.0	3.5	3.4
325	WFCZR1	S	MID-EBB	12-May-06			27.6	6.1	6.1		94.0	92.8	8.2	23.7	1.1	1.0		5.0	
326	WFCZR1	M	MID-EBB	12-May-06	.15:33	29.20	26.9	5.5	5.5	5.8	86.1	84.2	8,2	26.4	2.5	2.5	·	3.3	
327	WFCZR1	В	MID-EBB	12-May-06	4		26.7	5,4	5.3	5.4	84.1	82.8	8.2	27.6	1.6	1.5	1.7	8.0	5.4
328	WFCZR2	s	MID-EBB	12-May-06			27.8	5.6	5.5		90.0	86.5	8.3	23.4	1.2	1,1		2.5	-
329	WFCZR2	м	MID-EBB	12-May-06	14:57	40.90	26.9	5.5	5,5	5.5	90.3	87.6	8.2	26.2	1,5	1.8		3.0	-
330	WFCZR2	В	MID-EBB	12-May-06			26.7	5.5	5,5	5,5	84.3	80.4	8.2	27.5	2.8	2,9	1.9	7.5	4.3
331	WWA1	S	MID-FLOOD	12-May-06			26.2	5.8	5.6		94.1	91.0	8.2	29.4	1.6	1.8		2.8	
332	WWA1	M	MID-FLOOD	12-May-06	9:40	11.40	26.2	5,B	5.6	5.7	95.3	92.0	8.2	29,3	2.7	2.6		5.0	1
333	WWA1	в	MID-FLOOD	12-May-06			26.2	5.7	5.7	5.7	90.6	88.1	8.2	29.4	2.7	2.9	2.4	5,5	4.4
334	WWA2	S	MID-FLOOD	12-May-06			26.4	5.9	5.8	4	93.6	91.2	8.2	28,8	2.7	2.4	_	5.3	-
335	WWA2	м	MID-FLOOD	12-May-06	9:53	10.90	26.5	6.0	5.9	5,9	95.3	93.2	8.2	28.7	4.5	4.2	4	5.3	4
336	WWA2	В	MID-FLOOD	12-May-06			26.4	5.8	5.7	5.7	95.8	93.0	8.2	29.1	5.6	5.2	4.1	6.0	5,5
337	WWA3	s	MID-FLOOD	12-May-06			26.5	5.8	5.7	-	95.1	92.3	8,2	29.2	3.8	3.4	4	4.0	4
338	WWA3	M	MID-FLOOD	12-May-06	10:16	9.50	26.4	5.9	5.8	5.8	92.1	90,3	8.2	29.3	2.9	3.0	4	4.5	4
339	WWA3	В	MID-FLOOD	12-May-06			26.3	5,9	5.8	5.8	96.3	92.9	8.2	29.4	3.7	4.4	3.5	6,0	4.8
340	WRA1	S	MID-FLOOD	12-May-06			26.4	5,7	5.6	-	92.5	89.8	8.2	28.6	1.4	1.5	4	6.5	l '
341	WRA1	M	MID-FLOOD	12-May-06	9:28	34.90	26.1	5.7	5.6	5.7	93.2	89.9	8.2	29.9	2,4	2.3	-	6.5	4
342	WRA1	В	MID-FLOOD	12-May-06			25,9	5,7	5.6	5.7	94.3	91.0	8.2	30,6	2.9	.3.1	2.3	13,5	8.8
343	WRA2	<u>s</u>	MID-FLOOD	12-May-06			26.4	5.7	5.5	-	89.1	87.5	8,2	29.1	1.4	2.0	4	9.3	4
344	WRA2	M	MID-FLOOD	12-May-06	9:13	37.00	26.0	5,5	5.4	5.5	86.8	87.7	8.2	30.7	4,1	4.5	4.	6.5	4
345	WRA2	В	MID-FLOOD	12-May-06		<u> </u>	25,9	5.5	5.4	5.5	86.2	82.4	8.2	30,9	1.7	1.3	2.5	6,5	7.4

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service
No. 1 - 2012 No. 4 Providence of Manufacture

MEDI	ne water Gu	anty impa	ct Monitoring																
						Water	Temp.			Average				Salinity,	Тиго			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO,% s	aturation	pH, Unit	ppt	N"	ru	Value	mg/L	Value
346	WRA3	s	MID-FLOOD	12-May-06			26.4	5.7	5.5		91,8	89.0	<u>B.2</u>	28.6	1.4	1.3		9.5	1
347	WRA3	м	MID-FLOOD	12-May-06	9:00	34.00	26.3	5.6	5.4	5.5	90.5	87,7	8.2	30.3	3.2	3.3		10.5	1
348	WRA3	8	MID-FLOOD	12-May-06		- A	26.2	5.5	5.3	5.4	92.5	91.7	8,2	30.2	4.5	4.9	3.1	7.5	9.2
349	WWFCZ1	s	MID-FLOOD	12-May-06			26,4	6.0	6.0		88.9	86.7	8.2	28.1	1.6	1.8		4,8	
350	WWFCZ1	м	MID-FLOOD	12-May-06	8:24	31.10	26.1	5.6	5.6	5.8	89.3	86.9	8.2	29.7	2.1	2.2		10.0	
351	WWFCZ1	B	MID-FLOOD	12-May-06			26.0	5.6	5,6	5.6	94.3	91.0	8.2	30.0	2.2	1.2	1.9	5.5	6,8
352	WWFCZ2	s	MID-FLOOD	12-May-06			26.3	5.8	5.7		92.4	89.8	8,2	28.4	2.7	2.4		6.0	1
353	WWFCZ2	M	MID-FLOOD	12-May-06	8:36	39.20	26.0	5.7	5.6	5.7	95.3	92.3	8.2	30.3	2.3	2.0		7.0	1
354	WWFCZ2	в	MID-FLOOD	12-May-06			25.9	5.7	5.6	5.7	92.0	89.6	8.2	30.4	2.1	1.9	2.2	9,5	7.5
355	WFCZR1	S	MID-FLOOD	12-May-06			26.3	5.7	5.6		85.7	84.6	8.1	28.8	1.8	1,8		6.0	1
356	WFCZR1	м	MID-FLOOD	12-May-06	8:15	46.30	26.0	5.6	5.5	5.6	91.1	88.4	8.1	30.3	3.2	2,4		9.5	
357	WFCZR1	в	MID-FLOOD	12-May-06			25.9	5.9	5.8	5.8	94.7	91.7	8.1	30.5	2.1	2.2	2.2	6.5	7.3
358	WFCZR2	s	MID-FLOOD	12-May-06			26.4	6.0	6.0		94.0	91,9	8.2	28.6	1.3	1.4	Į	6.0	
359	WFCZR2	м	MID-FLOOD	12-May-06	8:50	38,40	25.9	5.7	5.6	5.8	94.7	91,4	8.2	30.2	3.2	3.5		4.5	
360	WFCZR2	В	MID-FLOOD	12-May-06			26.1	5.5	5.4	5.5	94.3	89,9	8.2	29.9	2.5	2.8	2.5	5.5	5.3
361	WWA1	S	MID-EB9	15-May-06			26.1	4,8	4.7		81.8	78.7	8.2	30.7	5,8	5.3		12.0	
362	WWA1	м	MID-EBB	15-May-06	14:28	6.30	26.1	5.2	5.1	4,9	84.1	81.7	8.2	30.7	5.8	5,8		17.5	
363	WWA1	В	MID-EBB	15-May-06			26.0	5.3	5.2	5.2	85.3	82.7	8.2	30,7	7.0	7,5	6.2	13.0	14.2
364	WWA2	S	MID-EBB	15-May-06			26,1	5.2	5.0		92.2	87.2	8.2	30.7	12.3	13.9	ļ	20.5	
365	WWA2	м	MID-EBB	15-May-06	14:13	6.50	26.2	4.9	4.8	5.0	78.5	75.9	8.2	30.7	10.8	9.8		16.5	
366	WWA2	B	MID-EBB	15-May-06			26.1	4.9	4.9	4.9	82.3	79.8	8.2	30,7	8.7	8.6	10.7	11.0	16.0
367	WWA3	s	MID-EBB	15-May-06			26.3	4.9	4.8		76,7	75.7	8.1	30.8	5.3	5,5	j	6.5	Į
368	WWA3	м	MID-EBB	15-May-06	14:00	7.00	26.3	5.1	4.9	5.0	84.2	81.7	8.1	30.9	6.0	6.1		18.0	J
369	WWA3	В	MID-EBB	15-May-06	_		26.1	5,0	4.9	5.0	82.4	79.7	8.1	30.8	7.3	7.6	6.3	13.0	12.5
370	WRA1	s	MID-EBB	15-May-06			26.2	4.8	4,7		82.8	79.6	8.2	30.0	3,8	3.6		6.5	
371	WRA1	м	MID-EBB	15-May-06	14:40	33.00	26.0	4.8	4.7	4.8	82.7	78.9	8.2	30.8	5.3	4.8		10.0	
372	WRA1	В	MID-EBB	15-May-06			26.1	5.2	5.1	5.1	81.7	79.2	8.2	30.8	4.4	4.8	4.4	9.5	8.7
373	WRA2	S	MID-EBB	15-May-06			25.8	5.1	4.9		82.2	79.2	8.2	30.5	4.1	3.7		7.0	
374	WRA2	М	MID-EBB	15-May-06	14:51	35.00	26.0	5.1	5.0	5.0	86.4	83.1	8.2	30.9	4.2	4.2		10.0	<u> </u>
375	WRA2	в	MID-EBB	15-May-06			25.9	5.0	4.8	4.9	82,4	79.4	8.2	31.0	5.6	4.8	4.4	7.5	8.2
376	WRAS	s	MID-EBB	15-May-06			26.1	4,8	4.7		79.1	76.4	8.2	30,5	5.5	5.0		10,0	
377	WRA3	м	MID-EBB	15-May-06	15:06	36.00	26.0	5.2	5,1	5.0	86.1	82.6	8.2	30.8	4.5	3.8		11.0	j
378	WRA3	в	MID-EBB	15-May-06			25.8	5.2	5.1	5.2	86,5	82.2	8.2	31.0	3.8	4.4	4.5	10.0	10.3
379	WWFCZ1	s	MID-EBB	15-May-06			26.2	5.1	5.0		84.7	81.8	8.2	28.7	2.0	2.4		2.3]
380	WWFCZ1	M	MID-E8B	15-May-06	15:45	36.00	26.1	5.2	5.1	5.1	B6.2	83.0	8.2	29.8	3.1	3.2]	7.5	
381	WWFCZ1	В	MID-E8B	15-May-06			26.0	5.2	5.1	5,1	85.7	81.4	8.1	30.2	6.5	6,7	4.0	11.0	6,9
382	WWFCZ2	s	MID-E8B	15-May-06			25.9	5.0	4.8		86.3	79.2	8.2	30.0	2.8	2.8		6.5	
383	WWFCZ2	м	MID-EBB	15-May-06	15:33	37.00	26.1	5,2	5.0	5.0	87.0	83.7	8.2	30.3	3.7	3.5		6.0	
384	WWFCZ2	В	MID-EBB	15-May-06			26.0	4.8	4.6	· 4,7	82.7	78.6	8.2	30.9	4.2	4.4	3.6	9.0	7.2

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				· · · · ·		Water	Temp.	ŀ		Average			T	Salinity,	Turb	idity,	Averaged	Suspended Solid,	Average
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N		Value	mg/L	Value
385	WFCZR1	s	MID-EBB	15-May-06			25.8	5.1	5.0		87.6	82.2	8.2	30.2	2,6	2.8		14.0	
386	WFCZR1	м	MID-EBB	15-May-06	16:00	37.00	25.9	4,8	4.7	4.9	79.9	76.2	8.2	30.9	5.2	4.3]	6.0	
387	WFCZR1	В	MID-EBB	15-May-06		•	25.8	5.0	4.9	4.9	82.8	79.7	8.2	31.0	4.4	4.4	3.9	10.5	10.2
388	WFCZR2	s	MID-EBB	15-May-06			26.1	5.2	5.0		84.7	81,7	8.2	29.5	2,3	2.9		6.0	
389	WFCZR2	M	MID-EBB	15-May-06	15:20	38.00	26.2	5.0	4,9	5.0	80.9	78.5	8.2	29.7	6.5	6.2		7.0	}
390	WFCZR2	9	MID-EBB	15-May-06			26.1	5.0	4,9	4.9	80.1	77.4	8,2	30.3	5.7	6.0	4.9	6.5	6.5
391	WWA1	s	MID-FLOOD	15-May-06			25.6	4.9	4.8		82.9	78.9	8.2	31.1	2.7	2.6		5.5	1
392	WWA1	M	MID-FLOOD	15-May-06	11:13	8.00	25.6	5.1	5.0	4,9	80.6	78.2	8.2	31.1	3.0	2.7		8.0	
393	WWA1	B	MID-FLOOD	15-May-06			25.8	4.9	4.8	4.9	80.9	78.4	8.2	31.1	3.0	3.1	2.9	5.5	6.3
394	WWA2	s	MID-FLOOD	15-May-06			25.8	5.0	4.9		80.2	77.6	B.2	31.1	2.4	2.0	Γ	7.5	
395	WWA2	M	MID-FLOOD	15-May-06	11:28	7.00	25.8	5.1	5.0	5,0	81.9	79.3	8,2	31.1	3.3	3.3		7.5	
396	WWA2	в	MID-FLOOD	15-May-06			25.8	5.1	4.9	5.0	82.9	80.2	8.2	31.0	3.2	2.9	2.9	8.5	7.8
397	WWA3	s	MID-FLOOD	15-May-06			25.7	5.0	4.8		81.6	79.0	8.2	31.2	3.0	3.5		9.5	
398	WWA3	м	MID-FLOOD	15-May-06	11:45	6.70	25.8	5,1	5.0	5.0	82.9	80.0	8.2	31.1	3.6	4.4	1	13,0	1
399	WWA3	в	MID-FLOOD	15-May-06			25.8	4.9	4.8	4.9	82.5	78.6	8.2	31.0	2.8	3.5	3.5	17.5	13.:
400	WRA1	s	MID-FLOOD	15-May-06			25.8	4.9	4.8		81,1	80.3	8.2	30.2	2.0	1.6		5.0	
401	WRA1	м	MID-FLOOD	15-May-06	11:00	35.00	25.7	5.1	5.0	4.9	84.2	81.0	8.3	31.0	2.1	2.0		8.5	
402	WBA1	в	MID-FLOOD	15-May-06			25.8	5.0	4.9	5.0	80.1	78.0	8.3	31.2	3.4	3,3	2.4	8.0	7.2
403	WBA2	s	MID-FLOOD	15-May-06			25.8	5.2	5.1		82.9	80.1	8.2	30,9	2.1	2.1		8.0	
404	WRA2	м	MID-FLOOD	15-May-06	10:44	34.00	25.9	4.7	4.6	4,9	77.3	76.5	8.2	31.0	2.7	2.8		6.3	1
405	WRA2	B	MID-FLOOD	15-May-06			25.7	5.1	5.1	5.1	82.0	79.7	8.2	31.4	3.4	2.8	2.7	6.5	6.9
406	WRAS	s	MID-FLOOD	15-May-06			25.6	4.9	4.9		80.5	28.4	8.2	31.1	2.1	2.0		4.5	
407	WRAS	м	MID-FLOOD	15-May-06	10:25	36.00	25.9	5.2	5.1	5.0	81.8	80.5	8.2	31.5	3.2	3.5	1	5,0	1
408	WRA3	в	MID-FLOOD	15-May-06			25.9	4.7	4.7	4.7	76.1	74.4	8.2	31.7	3.8	3.7	3.1	9.0	6,2
409	WWFCZ1	s	MID-FLOOD	15-May-06			25.8	5.0	4.8		79.5	76.8	8.2	30.9	3.2	2.8		6.0	
410	WWFCZ1	M	MID-FLOOD		9:42	35.00	25.7	5.3	5.1	5.0	88.1	84.5	8.2	31,1	1.6	2.0	1	13.5	1
411	WWFCZ1	B	MID-FLOOD	15-May-06			25.6	5.2	5,1	5,2	80.3	78.1	8.2	31.3	1.5	1.9	2.2	12.0	10.6
412	WWFGZ2	s	MID-FLOOD	15-May-06			25.6	5.2	5.1		89.0	84.8	8,2	29.7	1.3	1.5		29.0	1
413	WWFCZ2	M	MID-FLOOD	15-May-06	9:57	36.00	25.8	5.1	5.0	5.1	83.9	79.8	8.2	31.0	3.3	3.2		21.0	1
414	WWFCZ2	в	MID-FLOOD	15-May-06			25.6	4.9	4.9	4.9	82.6	78.8	8.2	30,5	3.7	3.8	2.8	17,5	22.
415	WFCZR1	s	MID-FLOOD	15-May-06			25.5	5.2	5.1		85.5	82.3	8.2	31.0	1.9	2.2		11.5	1
416	WFGZR1	м	MID-FLOOD	15-May-06	9:30	38.00	25.9	5.2	5.1	5.1	78.5	77.3	8.2	31.9	3.8	3.7	1	8.0	
417	WFCZR1	В	MID-FLOOD	15-May-06			25.9	5.1	5.0	5.1	80.6	78.4	8,2	31.9	4.6	4.5	3.4	16.0	1 11.
418	WFCZR2	s	MID-FLOOD	· · · · · · · · · · · · · · · · · · ·		· · · · ·	25.8	5.3	5.2		90.6	85.4	8.2	29.1	2.3	2.2		6.0	
419	WFCZR2	M	MID-FLOOD	15-May-06	10:10	37.00	25.8	5.0	4.9	5.1	82.4	79.4	8.2	30.9	6.4	5.3	1	14.5	1
419	WFCZR2	B	MID-FLOOD	15-May-06			25.6	5.3	5.2	5,2	88.2	83.6	8.2	29.3	5.2	6.0	4.6	14.0	11.
420	WWA1	s	MID-E8B	18-May-06			26.1	5.8	5.8		85.8	84.1	8.2	32.3	3.4	3.6	1	7.0	
421	WWA1	M	MID-EBB	18-May-06	17:05	8.00	26.1	6,0	5.9	5.9	84.5	83.9	8.2	32.3	2.9	3.0	1	6.5	1
422	WWA1	8	MID-EBB	18-May-06			26.1	5,9	5.8	5.8	89.2	87.2	8.2	32.3	3.2	3,4	3.2	9,0	7.5

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service

Lator Control Control <thcontrol< th=""> <thcontrol< th=""> <thcon< th=""><th></th><th></th><th></th><th>_</th><th></th><th>-</th><th>Water</th><th>Temp.</th><th></th><th></th><th>Average</th><th></th><th></th><th></th><th>Salinity,</th><th>Turb</th><th></th><th>Averaged Value</th><th>Suspended Solid, mg/L</th><th>Averaged Value</th></thcon<></thcontrol<></thcontrol<>				_		-	Water	Temp.			Average				Salinity,	Turb		Averaged Value	Suspended Solid, mg/L	Averaged Value
	Lab ID					lime	depth, m				value	· · · · ·	· · · · · · · · · · · · · · · · · · ·	<u> </u>			-	value		value
10.00000000000000000000000000000000000	424										1							4	10.5	{
1/27 WWAS S MID_EBB 18-May-06 1720 7.00 26.3 6.9 5.9 67.4 85.3 8.2 32.3 4.7 4.7 428 WWAS M MID_EBB 18-May-06 1720 7.00 26.3 6.9 5.9 69.0 86.2 8.2 32.4 6.4 6.3 6.3 6.2 6.2 37.7 91.2 8.2 32.4 6.4 6.4 6.3 6.4	425	WWA2	<u>M</u>	MID-EBB	18-May-06	17:12	11.00				í			1		-			13.0	
Introduct Introduct <t< td=""><td>426</td><td>WWA2</td><td>B</td><td>MID-EBB</td><td>18-May-06</td><td></td><td></td><td></td><td></td><td><u> </u></td><td>6.2</td><td></td><td></td><td></td><td></td><td></td><td></td><td>6.3</td><td>12.5</td><td>12.0</td></t<>	426	WWA2	B	MID-EBB	18-May-06					<u> </u>	6.2							6.3	12.5	12.0
122 WHAS B MID-EBB 18-May-06 26.3 6.3 6.2 6.2 6.2 6.4 7.0 6.1 11 430 WRA1 S MID-EBB 18-May-06 18-May-06 26.3 6.3 6.2 6.2 6.2 3.2 3.2 3.4 9 430 WRA1 B MID-EBB 18-May-06 18-May-06 26.1 6.0 5.9 5.9 5.9 5.9 5.0 5.0 5.2 3.2 3.2 3.4 9.3 3.4 9 3.3 3.4 9 3.3 3.4 9 3.3 3.4 2 11 3.3 3.4 2 11 3.3 3.4 2 11 3.3 3.4 2 3.5 3.5 3.5 3.5 3.6 11 3.2 3.6 3.2 3.2 3.4 3.5 12 3.2 3.2 3.2 3.4 3.5 3.5 3.6 11 3.2 3.2	427	WWA3	S	MID-EBB											***				12.0	4
1230 WRA1 5 MD-EBB 18-May-06 20.1 5.9 5.9 66.6 84.7 8.2 31.9 33.3 3.4 9 430 WRA1 M MD-EBB 18-May-06 16:55 37.00 26.1 6.2 6.2 6.2 0.0 88.0 6.2 32.2 4.8 4.8 431 WRA2 S MID-EBB 18-May-06 26.2 6.2 6.2 0.0 88.0 6.2 32.2 4.8 4.3 4.2 11 433 WRA2 S MID-EBB 18-May-06 26.2 5.5 5.6 6.1 87.2 86.6 8.2 32.2 3.6 3.4 3.5 4.3 5.5 6.1 87.2 86.7 8.2 32.2 3.6 3.4 3.5 4.5 5.6 6.1 87.2 8.2 3.2 3.5 4.5 5.8 6.1 87.2 8.2 3.2 3.5 3.4 5.5 6.1 <td< td=""><td>428</td><td>WWA3</td><td>M</td><td>MID-EBB</td><td>18-May-06</td><td>17:20</td><td>7.00</td><td></td><td></td><td>· · ·</td><td></td><td></td><td>1</td><td></td><td></td><td>-</td><td></td><td></td><td>14.5</td><td>ļ</td></td<>	428	WWA3	M	MID-EBB	18-May-06	17:20	7.00			· · ·			1			-			14.5	ļ
A31 WRA1 M MID-EBB 18-May-06 16:55 37.00 28.1 8.0 5.9 5.9 91.1 88.3 8.2 32.2 4.9 4.8 432 WRA1 B MID-EBB 18-May-06 16:48 26:1 6.2 6.2 6.2 6.0 8.0 8.2 32.2 3.6 3.5 6.6 6.6 433 WRA2 M MID-EBB 18-May-06 16:48 26.2 6.3 6.2 9.0 8.0 8.2 32.2 3.6 3.5 6.6 6.2 3.2 3.6 6.6 6.2 6.2 6.2 6.2 8.2 3.2 3.6 3.7 1.1 3.6 7.7 3.6 6.7 7.6 8.0 8.0 8.0 8.0 8.0 8.2 3.2 2.6 3.6 6.6 6.1 9.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	429	WWA3	В	MID-E8B	18-May-06						6.2							6.1	15.0	13.8
Image Mile Image Mile Image I	430	WRA1	S -	MID-E9B	18-May-06			26.1	5.9				1 · · · ·				-	-	9.0	{
Minetal Minetal <t< td=""><td>431</td><td>WRA1</td><td>M</td><td>MID-EBB</td><td>18-May-06</td><td>16:55</td><td>37.00</td><td>26.1</td><td>6.0</td><td></td><td>5.9</td><td>91.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>16.0</td><td>4</td></t<>	431	WRA1	M	MID-EBB	18-May-06	16:55	37.00	26.1	6.0		5.9	91.1							16.0	4
HIG2 MID-EBS 10-May-06 16-May-06 28.2 5.9 5.8 6.1 67.2 88.6 8.2 32.2 3.4 3.7 3.6 11 435 WRA2 B MID-EBB 18-May-06 16-May-06 28.2 5.9 5.8 6.1 67.2 88.6 8.2 32.2 3.4 3.5 3.8 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.4 3.5 3.5 3.6 3.5 5.6 6.1 6.2 6.1 6.0 6.8 8.2 3.2 3.5 3.4 3.5 3.6 11 3.2 4.5 5.3 3.6 11 3.6 11 3.2 4.5 5.3 3.6 11 3.6 11 3.2 4.5 5.3 4.1	432	WRA1	В	MID-EBB	. 18-May-06			26.1	6.2	6.2	6.2	90.0	88.0	8.2	32.2	-		4.2	10.0	11.7
dis WRA2 B MID-EBS 18-May-06 20.1 6.3 6.2 6.2 9.2 8.6.7 8.2 3.2.3 3.5 3.4 3.5 9.5 435 WRA3 S MID-EBS 18-May-06 16:58 32:0 26:1 6.2 6.2 90.5 8.2 32:2 2.6 3.4 3.5 16:58 438 WRA3 B MID-EBB 18-May-06 16:58 6.3 6.3 6.3 90.6 89.7 8.2 32:4 4.0 4.2 0.6 10:10 20.0 6.3 6.3 6.3 90.6 89.7 8.2 32:4 4.0 4.2 0.6 10:10 20.0 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.1 93.0 91.6 8.1 32.1 4.5 6.3 6.1 6.1 6.1 8.1 32.1 4.5 6.3 6.1 6.1 6.1 8.1 8.1 32.1	433	WRA2	S	MID-EBB	16-May-06				6.3	6.2		95.4	92.0	8.2	32.2	3.6			6.5	4
Hose D Induction D	434	WRA2	м	MID-EBB	18-May-06	16:48	26.00	26.2	5.9	5.8	6.1	87.2	85.6	8.2	32.2	3.4	<u> </u>	ł	12.5	-
Horse Hind-Eds 18-May-06 16:58 32.00 26.2 6.0 6.1 93.0 90.5 8.2 32.4 4.0 4.2 437 WRA3 B MID-EBB 18-May-06 16:58 32.00 26.2 6.0 6.3 6.3 6.3 90.8 99.7 8.2 32.4 4.0 4.2 438 WRA3 B MID-EBB 18-May-06 18-May-06 26.0 6.3 6.3 6.3 90.8 99.7 8.2 32.4 4.0 4.2 440 WWFCZ1 MID-EBB 18-May-06 16:10 31.00 26.0 6.3 6.2 6.1 93.8 91.6 81.1 32.1 4.5 5.3 441 WWFCZ1 MID-EBB 18-May-06 16:18 37.00 25.9 6.1 6.0 6.1 81.1 81.1 31.5 32.2 3.5 4.4 9.5 4.4 9.5 4.4 9.5 4.4 9.5 4.3 4.1 32.3 5.0 4.2 3.6 1.1 444 WFCZ1	435	WRA2	8	MID-EBB	18-May-06		1	26.1	6.3	6.2	6.2	90.2	88.7	8.2	32.3	3.5	3.4	3.5	8.0	9.0
436 WRA3 B MD-EBB 19-May-06 26.0 6.3 6.1 32.0 2.9 3.1 440 WWFCZ1 MID-EBB 18-May-06 16:10 31.00 26.0 6.3 6.1 93.6 91.6 8.1 32.3 2.7 2.8 3.6 11 441 WWFCZ1 B MID-EBB 18-May-06 16:18 37.00 25.9 6.1 6.0 94.6 91.8 8.1 32.3 2.7 2.8 3.6 11 443 WWFCZ2 MID-EBB 18-May-06 16:18 37.00 25.9 6.1 6.1 6.1 8.1 32.3 3.1 3.2 4.3 4.1 4.3 4.3 4.3 4.3 4.3 4.3	436	WRA3	S	MID-EBB	18-May-06			26.1	6.2	6.1		91.2	89.2	8.2	32.2	2.6	3.2		14.5	1
How WFC21 S MD_EBB 18-May-06 8-May-06 8-May-	437	WRA3	м	MID-EB8	18-May-06	16:58	32.00	26.2	6.0	6.0	6.1	93.0	90.5	8.2	32.4	4.0	4.2		6.5	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	438	WRA3	В	MID-EBB	18-May-06			26.0	6.3	6.3	6.3	90,8	89.7	8.2	32.4	3.7	3.7	3.6	12.5	11.2
411 WWFCZ1 B MD-EBB 18-May-06 26.0 6.3 6.2 6.2 94.7 91.2 8.1 32.3 2.7 2.8 3.6 442 WWFCZ1 B MD-EBB 18-May-06 18-May-06 25.9 6.1 6.0 94.6 91.8 8.1 31.5 3.2 3.5 56 443 WWFCZ2 M MD-EBB 18-May-06 16:18 37.00 25.9 6.1 6.0 6.1 87.2 65.9 8.1 32.1 4.9 5.2 98 444 WWFCZ2 M MD-EBB 18-May-06 16:00 25.9 6.1 6.0 6.1 87.2 65.9 8.1 32.3 3.1 3.2 4.3 4.1 445 WFCZR1 M MD-EBB 18-May-06 16:00 42.00 26.0 6.5 6.5 95.0 92.7 8.1 32.3 4.3 4.1 4.0 57.3 4.4 4.0 57.3 4.0 57.3 58.4 4.0 57.3 58.4 4.0 57.3 58.4<	439	WWFCZ1	s	MID-EBB	18-May-06			26.2	6.0	6.0		85.8	84.3	8.1	32.0	2,9	3.1		8,0	
441 WWFCZ1 B MD-EBB 18-May-06 28,0 6,3 6,2 6,2 94,7 91,2 8,1 32,3 2,7 2,8 3,6 11 442 WWFCZ2 S MD-EBB 18-May-06 18-May-06 18-May-06 25.9 6,1 6,0 6,1 81,0 32,3 5,0 4,2 3,5 44 444 WWFCZ2 M MD-EBB 18-May-06 18-May-06 18-May-06 25.9 6,1 6,1 8,1 82,3 5,0 4,2 4,3 3,1 3,2 4,2 4,3 3,1 3,2 4,3 4,1 4,2 4,3 3,1 3,2 4,3 4,1 4,2 4,3 4,3 4,3 4,1 4,3 4,4 4,3 4,4 4,4 4,4 4,4 4,4 4,4 4,4 4,4 4,4 <	440	WWFCZ1	м	MID-EBB	18-May-06	16:10	31.00	26.0	6,3	6.3	6.1	93.8	91.6	8.1	32.1	4.5	5,3		10.5	
442 WWFCZ2 S MID-EBB 18-May-06 18-May-06 18:18 37.00 25.9 6.1 6.0 94.6 91.8 8.1 31.5 3.2 3.5 443 WWFCZ2 M MID-EBB 18-May-06 16:18 37.00 25.9 6.1 6.0 6.1 87.2 85.9 8.1 32.1 4.9 5.2 4.3 11 32.3 5.0 4.2 4.3 11 32.3 5.0 4.2 4.3 11 4.5 4.3 11 32.3 5.0 4.2 4.3 11 4.3 3.1 3.2 3.1 3.2 4.3 4.1 4.4 8.1 31.6 3.1 3.2 4.3 4.1 4.4 8.1 32.3 4.3 4.1 7 <td></td> <td>WWFCZ1</td> <td>в</td> <td>MID-EBB</td> <td>18-May-06</td> <td></td> <td></td> <td>26.0</td> <td>6.3</td> <td>6,2</td> <td>6.2</td> <td>94.7</td> <td>91.2</td> <td>8.1</td> <td>32.3</td> <td>2.7</td> <td>2.8</td> <td>3,6</td> <td>10.5</td> <td>9.7</td>		WWFCZ1	в	MID-EBB	18-May-06			26.0	6.3	6,2	6.2	94.7	91.2	8.1	32.3	2.7	2.8	3,6	10.5	9.7
444 WWFCZZ B MD-EBB 18-May-06 25.9 6.1 6.1 6.1 84.1 82.9 6.1 32.3 5.0 4.2 4.3 11 445 WFCZR1 S MD-EBB 18-May-06 16:00 42.00 26.0 6.2 6.1 61.0 87.9 86.2 8.1 32.3 3.1 3.2 4.3 11 446 WFCZR1 M MD-EBB 18-May-06 16:00 42.00 26.0 6.2 6.1 61.0 87.9 86.2 8.1 32.3 4.3 4.1 77 447 WFCZR1 B MD-EBB 18-May-06 16:28 26.0 6.2 6.1 6.5 95.0 92.7 8.1 32.3 4.8 4.5 4.0 57 448 WFCZR2 MID-EBB 18-May-06 16:28 25.9 6.0 6.0 6.1 88.3 86.5 8.2 32.3 4.4 4.2 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.2		WWFCZ2	S	MID-E8B	18-May-06			26.0	6,1	6.0		94.6	91.8	8.1	31.5	3.2	3.5		6.3	
Hit Difference Bind bind Bind bind bind Bind bind bind Bind bind bind Bind bind bind Bind bind bind Bind bind bind bind Bind bind bind Bind bind bind bind Bind bind bind bind bind Bind bind bind Bind bind bind bind bind	443	WWFCZ2	M	MID-E8B	18-May-06	16:18	37,00	25.9	6.1	6,0	6.1	87.2	85.9	8,1	32.1	4.9	5.2		9.0	J
446 WFCZR1 M MD-EB8 18-May-06 16:00 42.00 26:0 6.2 6.1 61. 65. 64.3 84.3 8.1 32.3 4.3 4.1 446 WFCZR1 B MID-EB8 18-May-06 26.0 6.2 6.1 61. 65.3 84.3 8.1 32.3 4.3 4.1 447 WFCZR2 S MID-EB8 18-May-06 16:00 42.00 26.0 6.2 6.1 61.3 69.0 92.7 8.1 32.3 4.3 4.5 4.0 55 448 WFCZR2 S MID-EB8 18-May-06 16:28 42.00 25.9 6.0 6.0 6.1 68.3 85.5 8.2 32.2 3.7 3.6 449 WFCZR2 M MD-EB8 18-May-06 18:28 42.00 25.9 6.0 6.0 6.1 68.3 85.5 8.2 32.2 3.7 3.6 11 450 WWA1 M MD-FLOOD 18-May-06 10:20 8.00 25.8 6.4 6.3 6.4 9	444	WWFCZ2	В	MID-EBB	18-May-06			25.9	6.1	6.1	6.1	84.1	82.9	8.1	32.3	5,0	4.2	4.3	12,5	9.3
446 WFCZR1 M MD-EB8 18-May-06 18:00 42.00 26.0 6.2 6.1 6.1 85.3 84.3 8.1 32.3 4.3 4.1 77 447 WFCZR1 B MID-EB8 18-May-06 26.0 6.5 6.5 95.0 92.7 8.1 32.3 4.3 4.1 77 448 WFCZR2 S MID-EB8 18-May-06 26.0 6.5 6.5 95.0 92.7 8.1 32.3 4.8 4.5 4.0 55 449 WFCZR2 M MID-EB8 18-May-06 16:28 42.00 25.9 6.0 6.0 6.1 88.3 85.5 8.2 32.3 4.5 4.0 40 66 450 WFCZR2 B MID-EB8 18-May-06 16:28 42.00 25.9 6.1 6.1 6.1 88.3 89.5 8.2 32.3 4.5 4.0 40 40 40 40 40 40 40 40 40 40 40 40 41 41			S	MID-EBB	18-May-06			26.1	6.2	6.1		87.9	86.2	8.1	32.3	3,1	3.2		5.0	
447 WFCZP1 B MID-EBB 18-May-06 26.0 6.5 6.5 95.0 92.7 8.1 32.3 4.8 4.5 4.0 55 448 WFCZR2 S MID-EBB 18-May-06 18-May-06 25.9 6.0 6.2 6.1 98.4 94.4 6.2 32.2 3.7 3.6 1 449 WFCZR2 M MID-EBB 18-May-06 16-28 42.00 25.9 6.0 6.1 6.1 88.3 86.5 8.2 32.2 4.5 4.0 4.0 4.0 450 WFCZR2 MID-EBB 18-May-06 16-28 42.00 25.9 6.1 6.1 90.4 88.5 8.2 32.3 4.8 4.0 4.0 450 WWA1 MID-FLOOD 18-May-06 10-20 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 11 453 WWA2 MID-FLOOD		WFCZB1	M	MID-EBB	18-May-06	16:00	42.00	26.0	6.2	6.1	6.1	85.3	84,3	8.1	32.3	4.3	4.1		7.0	
448 WFCZR2 S MID-EBB 18-May-06 26.0 6.2 6.1 98.4 94.4 8.2 32.2 3.7 3.6 1 449 WFCZR2 M MID-EBB 18-May-06 16:28 42.00 25.9 6.0 6.0 6.1 68.3 86.5 8.2 32.2 3.7 3.6 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 32.3 4.5 4.2 98.4 94.4 8.2 30.3	447	WFCZR1	в	MID-EBB	18-May-06			26.0	6.5	6.5	6.5	95,0	92.7	8.1	32.3	4.8	4.5	4.0	5.5	5.B
449 WFCZR2 M MID-EBB 18-May-06 16:28 42.00 25.9 6.0 6.1 88.3 86.5 8.2 32.3 4.5 4.2 450 WFCZR2 B MID-EBB 18-May-06 25.9 6.1 6.1 6.1 90.4 88.5 8.2 32.3 4.5 4.2 4.0 46 450 WFCZR2 B MID-EBB 18-May-06 25.9 6.1 6.1 6.1 90.4 88.5 8.2 32.3 4.5 4.0 40 46 451 WWA1 S MID-FLOOD 18-May-06 25.9 6.2 6.1 93.1 89.4 8.2 30.3 2.7 3.1 4.5 453 WWA1 MID-FLOOD 18-May-06 10:10 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 11 454 WWA2 S MID-FLOOD 18-May-06 10:10		WFCZR2	s	MID-EBB	18-May-06			26,0	6.2	6.1		98.4	94.4	8.2	32.2	3.7	3.8		11.0	
450 WFCZR2 B MID-EBB 18-May-06 25.9 6.1 6.1 90.4 88.5 8.2 32.2 4.0 4.0 4.0 4.0 451 WWA1 S MID-FLOOD 18-May-06 10:20 8.00 25.9 6.2 6.1 93.1 89.4 8.2 30.3 2.7 3.1 11 452 WWA1 MID-FLOOD 18-May-06 10:20 8.00 25.8 6.5 6.3 99.1 96.0 8.2 31.0 4.0 <td></td> <td></td> <td>м</td> <td>MID-EBB</td> <td></td> <td>16:28</td> <td>42.00</td> <td>25.9</td> <td>6.0</td> <td>6.0</td> <td>6.1</td> <td>88.3</td> <td>86.5</td> <td>8.2</td> <td>32.3</td> <td>4.5</td> <td>4.2</td> <td></td> <td>9.0</td> <td>]</td>			м	MID-EBB		16:28	42.00	25.9	6.0	6.0	6.1	88.3	86.5	8.2	32.3	4.5	4.2		9.0]
451 WWA1 S MID-FLOOD 18-May-06 25.9 6.2 6.1 93.1 89.4 8.2 30.3 2.7 3.1 1 452 WWA1 M MID-FLOOD 18-May-06 10:20 8.00 25.8 6.5 6.3 99.1 96.0 8.2 30.3 2.7 3.1 11 453 WWA1 B MID-FLOOD 18-May-06 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 11 453 WWA2 S MID-FLOOD 18-May-06 10:0 12.00 26.0 6.0 6.0 91.3 89.4 8.5 32.2 3.4 4.5 11 456 WWA2 M MID-FLOOD 18-May-06 10:0 12.00 26.0 6.4 6.2 95.6 93.7 8.2 32.2 3.4 3.4 4.5 11 456 WWA2 B MID-FLOOD <						1	ļ	the second second	6.1	6.1	6.1	90.4	88.5	8.2	32.2	4.0	4.0	4.0	6.5	8.8
452 WWA1 M MID-FLOOD 18-May-06 10:20 8.00 25.8 6.5 6.3 99.1 96.0 8.2 31.0 4.0 4.1 453 WWA1 B MID-FLOOD 18-May-06 25.8 6.4 6.3 6.4 93.3 91.4 8.2 31.0 4.0 4.1 11 453 WWA2 S MID-FLOOD 18-May-06 10.10 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 11 454 WWA2 S MID-FLOOD 18-May-06 10.10 12.00 26.0 6.0 6.2 95.6 93.7 8.2 31.2 2.4 2.2 6.0 455 WWA2 B MID-FLOOD 18-May-06 10.10 26.0 6.4 6.3 6.4 93.8 93.6 8.2 31.2 5.0 4.6 3.5 1 457 WWA3 M <td< td=""><td></td><td></td><td></td><td>MID-FLOOD</td><td></td><td></td><td></td><td>25.9</td><td>6.2</td><td>6.1</td><td></td><td>93.1</td><td>89.4</td><td>8.2</td><td>30.3</td><td>2.7</td><td>3.1</td><td></td><td>11.0</td><td></td></td<>				MID-FLOOD				25.9	6.2	6.1		93.1	89.4	8.2	30.3	2.7	3.1		11.0	
453 WWA1 B MID-FLOOD 18-May-06 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 1 454 WWA2 S MID-FLOOD 18-May-06 25.8 6.4 6.3 6.4 93.3 91.4 8.2 30.4 6.2 6.7 4.5 1 454 WWA2 S MID-FLOOD 18-May-06 10:10 12.00 26.0 6.6 6.2 95.6 93.7 8.2 32.2 3.4 3.4 12.00 12.00 26.0 6.4 6.3 6.4 94.8 93.6 8.2 31.2 5.0 4.6 3.5 11 457 WWA3 M MID-FLOOD 18-May-06 10:06 26.1 6.6 6.6 79.2 78.5 8.1 29.5 4.1 4.5 11 459 WWA3 M MID-FLOOD 18-May-06 10:06 25.8 6.1 6.0						10:20	8.00		6.5	6.3	6.3	99.1	96.0	8.2	31,0	4.0	4.1		12.0]
454 WWA2 S MID-FLOOD 18-May-06 25.0 6.0 6.0 91.3 89.4 8.5 32.2 2.4 2.2 455 WWA2 M MID-FLOOD 18-May-06 10:10 12.00 28.0 6.5 6.4 6.2 95.6 93.7 8.2 32.2 3.4 3.4 11 455 WWA2 B MID-FLOOD 18-May-06 10:10 12.00 28.0 6.5 6.4 6.2 95.6 93.7 8.2 32.2 3.4 3.4 456 WWA3 S MID-FLOOD 18-May-06 10:06 26.0 6.4 6.3 6.4 94.8 93.6 8.2 31.2 5.0 4.6 3.5 1 457 WWA3 M MD-FLOOD 18-May-06 10:06 25.8 6.1 6.0 6.3 89.6 87.7 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD						1			6.4	6.3	6.4	93,3	91.4	8.2	30.4	6.2	6.7	4.5	10,5	11.2
455 WWA2 M MID-FLOOD 18-May-06 10:10 12:00 26:0 6.5 6.4 6:2 95:6 93:7 8:2 3:2:2 3:4 3:4 456 WWA2 B MID-FLOOD 18-May-06 26:0 6.4 6.3 6.4 94:8 93:6 8:2 31:2 5:0 4.6 3.5 1 457 WWA3 S MID-FLOOD 18-May-06 26:1 6.6 6:6 79:2 78:5 8:1 29:5 4:1 4:5 5 458 WWA3 M MID-FLOOD 18-May-06 10:06 8:00 25:8 6:1 6:0 6:3 89:6 87.7 8:1 32:2 2:6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25:9 6:3 6:3 92:3 90:2 8:1 32:2 5:0 4:9 4:0 1 459 WWA3 B MID-FLOOD 18-May-06												91.3	89.4	8.5	32.2	2.4	2.2		6.0	
456 WWA2 B MID-FLOOD 18-May-06 26.0 6.4 6.3 6.4 93.6 8.2 31.2 6.0 4.6 3.5 1 457 WWA3 S MID-FLOOD 18-May-06 25.1 6.6 6.6 79.2 78.5 8.1 29.5 4.1 4.5 5 458 WWA3 M MID-FLOOD 18-May-06 10:06 8.00 25.8 6.1 6.0 6.3 89.6 87.7 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 5.0 4.9 4.0 1						10:10	12.00		-	1	6.2		93.7	8.2	32.2	3.4	3.4		12.0	1
457 WWA3 S MID-FLOOD 16-May-06 25.1 6.6 6.6 79.2 78.5 8.1 29.5 4.1 4.5 5 458 WWA3 M MID-FLOOD 18-May-06 10:06 8.00 25.8 6.1 6.0 6.3 89.6 87.7 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 5.0 4.9 4.0 1					í í											5.0	4.6	3.5	11.0	9.7
458 WWA3 M MD-FLOOD 18-May-06 10:06 8.00 25.8 6.1 6.0 6.3 89.6 87.7 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 2.6 2.7 1 459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 5.0 4.9 4.0 11			_				<u> </u>										1	1	9.5	
459 WWA3 B MID-FLOOD 18-May-06 25.9 6.3 6.3 92.3 90.2 8.1 32.2 5.0 4.9 4.0 1					i	10:06	8.00	-			63							1	11.0	1
			-			1												1 4.0	11.0	10.5
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		· · · ·				10·28	31.00				1 ₆₁	}t				<u> </u>		1	11.0	1
			1			13.20	0.00									+		·	9.0	10.2

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					-	Water	lemp. ℃			Average value			pH, Unit	Salinity. ppt		iidity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m		DO,		value		aturation	-			_	value		, value
463	WRA2	S	MID-FLOOD	18-May-06			25.8	6.2	6.1		93.1	91.5	8.2	32,4	4.2	3.9		8.5	{ }
464	WRA2	М	MID-FLOOD	18-May-06	10:38	30.00	25.9	6.2	6.2	6.2	94,0	92.2	8.2	32.4	5.8	5.8		7.0	
465	WRA2	В	MID-FLOOD	18-May-06			25.7	6.2	6.2	6.2	95.4	92.7	8.2	32.5	5.4	5.5	5,1	8.0	7.8
466	WRA3	S	MID-FLOOD	18-May-06			26,0	5.9	5.9		90,6	87.7	8.2	31.7	6.6	5.5		11.0	
467	WRA3	М	MID-FLOOD	18-May-06	10:47	25.00	25.9	6.7	6.7	6.3	95.1	92.2	8,2	32.1	5.5	5.4		9.0	
468	WRA3	В	MID-FLOOD	18-May-06			25.8	6.3	6.2	6.3	95.1	91.8	8.2	32.1	3.0	2,1	4.7	8.0	9.3
469	WWFCZ1	s	MID-FLOOD	18-May-06			25.8	6.2	6.2		95.8	92.5	B.2	31.5	3.1	3.0		8.0	
470	WWFCZ1	м	MID-FLOOD	18-May-06	11:17	34.00	25.8	6.2	6.1	6.2	94.6	91.1	8.2	32.1	6.0	6.3	-	10.5	•
471	WWFCZ1	В	MID-FLOOD	18-May-06			25.7	6.2	6.2	6.2	95.9	92.8	8.2	32.1	3.4	3.0	4.2	12.0	10.2
472	WWFCZ2	S	MID-FLOOD	18-May-06			25.7	6,1	6.0		96.0	92.6	8.2	32.2	4.8	5.3	_	8.5	4
473	WWFCZ2	M	MID-FLOOD	18-May-06	11:07	39.00	25.7	6.1	6.1	6.1	95.4	92.4	8.2	32.2	5,8	7,4		11.0	-
474	WWFCZ2	В	MID-FLOOD	18-May-06			25.8	6.1	6.0	6.0	94.7	91.8	8.2	32.1	7.0	6.6	6.2	10.0	9.8
475	WFCZR1	S	MID-FLOOD	18-May-06			25.6	6.2	6.1	, i	94.9	92.3	6.2	32.6	6.2	6.1	1	9,5	-
476	WFCZR1	м	MID-FLOOD	18-May-06	11:27	43.00	25.7	6.0	5.9	6.0	95.7	92.1	8.2	32.6	8.2	8.3	1	9.5	1
477	WFCZR1	в	MID-FLOOD	18-May-06			25.7	6.2	6.1	6,1	92.8	90.2	8.2	32.0	6.2	5.7	6.8	13.0	10.7
478	WFCZR2	s	MID-FLOOD	18-May-06		!	25.6	5.9	5.8]	98.0	94.4	8.2	32.4	2.7	2.7	1	10.5	4
479	WFCZR2	м	MID-FLOOD	18-May-06	10:57	44.00	25,8	6.1	6.0	6.0	91.1	89,1	8.2	32.3	5.8	5.6		9.0	1
480	WFCZR2	В	MID-FLOOD	18-May-06			25.6	6.6	6,6	6.6	98.8	96.0	8.2	32.3	4.0	3.9	4.1	12.0	10.5
481	WWA1	S	MID-EBB	20-May-06			25.3	6.6	6,5		97.3	96.2	8.2	31.1	3.3	3.3		5.5	4
482	WWA1	м	MID-EBB	20-May-06	18:42	8.00	25.2	6.4	6,3	6.4	98.5	97.3	8.2	31.2	3.3	3,2		9.0	1
483	WWA1	В	MID-EBB	20-May-06			25.2	6,4	6.2	6.3	97.4	96.2	8.2	31.3	3.2	3.6	3.3	4.5	6.3
484	WWA2	s	MID-EBB	20-May-06			25.3	6.4	6.4		95.3	94.8	8.2	31.3	2.2	2.2		3.3	1
485	WWA2	м	MID-EBB	20-May-06	18:54	9,00	25.2	6.5	6.3	6.4	95.7	95.2	8.2	31.2	2.3	2.4	_	5.0	1
486	WWA2	8	MID-EBB	20-May-06			25.3	6,6	6.5	6.5	94,7	93.8	8.2	31.1	3.1	3.3	2.6	2.8	3.7
487	WWA3	S	MID-EBB	20-May-06			25.3	6.3	6.1		92.7	91.6	8.3	31.3	3.1	3.3		3.5	
488	WWA3	м	MID-EBB	20-May-06	19:04	6.20	25.2	6.4	6.2	6.3	93.5	92.8	8.2	31.3	3.4	3.4		5.5	
489	WWA3	в	MID-EBB	20-May-06			25.1	6.5	6,4	6.4	93.7	92,6	8.3	31.4	3.9	4.0	3.5	3.3	4.1
490	WRA1	S	MID-EBB	20-May-06			25.2	6.4	6.3		94.7	93.6	8.2	30.8	2.3	2.4		3.5]
491	WBA1	м	MID-EBB	20-May-06	18:20	32.60	25.2	6.1	6.1	6.2	93.3	91.5	8.2	31.3	4.7	4.1	1	5,0	1
492	WBA1	В	MID-EBB	20-May-06			25.2	6.4	6.3	6.3	92.7	92.1	8.2	31.5	3.8	3.9	3.5	5,5	4.7
493	WRA2	S	MID-EBB	20-May-06			25.2	6,5	6.4		95.3	94.7	8.2	31.0	3,6	3.4	1	3.3	
494	WRA2	м	MID-EB8	20-May-06	18:07	30.40	25,3	6.2	6.1	6.3	94,6	93.8	8.2	31.1	3.6	3.7		4.0	1
495	WRA2	в	MID-EBB	20-May-06			25.2	6.5	6.4	6.4	94.8	93.7	8.2	31.5	3.9	3,8	3.7	5.5	4.3
496	WRA3	s	MID-EBB	20-May-06			25.1	6.4	6.2		94.8	93.7	8.2	30.7	3.3	2,9		3.5	
497	WRA3	м	MID-EBB	20-May-06	17:55	29.40	25.3	6.3	6.2	6.3	93.7	92.8	8.2	31.2	3.3	3.3		5.5	_
498	WRA3	B	MID-EBB	20-May-06			25.1	6.3	6,1	6.2	91.7	90,8	8.2	31.5	3.5	3.4	3.3	6.0	5.0
499	WWFCZ1	s	MID-EBB	20-May-06		1	25.1	6,4	6.2		92.7	91.6	8.2	31.1	3.0	2.8		3.3	1
500	WWFCZ1	м	MID-EBB	20-May-06	17:28	42.50	25.1	6.5	6.3	6.4	92.7	91.3	8.2	31.7	3.1	3.1		8.0	
501	WWFCZ1	в	MID-EBB	20-May-06			25.1	6.3	6,1	6.2	91.7	90,5	8.2	31.7	3.7	3.7	3.2	6.5	5.9

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service
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Mari	ne water uu	ality Impa	ct Monitoring																
					-	Water	Temp. °C			Average value	DD a		pH, Unit	Salinity, ppt	Turb	iidity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m		DO,		value	<u>`</u>	aturation					¥aiuc		• LIGE
502	WWFCZ2	S	MID-EBB	20-May-06			25.2	6.4	6.2		91.7	90.6	8.2	31.0	3.1	2.9		6.0 7.0	1
503	WWFCZ2	M	MID-EBB	20-May-06	17:13	34.80	25.2	6.2	6.1	6,2	91.3	89.7	8.2	31.5	4.6	4.5			1
504	WWFCZ2	В	MID-EBB	20-May-06			25.2	6,4	6.2	6.3	98.2	97.5	8.2	31.6	3.4	3.6	3.7	8.0	7.0
505	WFCZR1	s	MID-EBB	20-May-06			25.2	6.7	6.6		98.7	96.5	8.2	31.1	3.0	3.4		4.5	1
506	WFCZR1	м	MID-EBB	20-May-06	17:45	38.40	25.2	6.4	6.3	6,5	97.5	96.1	8.2	31,6	4.0	4.2		8.5	4
507	WFCZR1	В	MID-EBB	20-May-06		· ·	25.2	6.4	6.2	6.3	96.8	95.4	8,2	31.7	2.2	2.3	3.2	7.5	6.8
508	WFCZR2	s	MID-EBB	20-May-06			25.5	6.5	6,4		92.1	91.7	8.2	30.8	2.4	2.5		3.5	4
509	WFCZR2	M	MID-EBB	20-May-06	17:00	42.80	25.2	6.4	6.3	6.4	91.3	89.6	8.2	31.7	3.7	3.7		7.0	4
510	WFCZR2	B	MID-EBB	20-May-06			25.2	6.2	6.1	6.2	92.3	91.8	8.2	32.0	4.4	4.4	3,5	13.0	7.8
511	WWA1	S	MID-FLOOD	20-May-06			25.4	6.1	6.0		95,7	93.2	8.2	30.4	3.0	3.0		4.0	-
512	WWA1	м	MID-FLOOD	20-May-06	12:00	12.00	25.2	6.1	6.0	6.1	89,6	89.2	8.2	30,4	4.3	3.8		4.5	-
513	WWA1	В	MID-FLOOD	20-May-06			25.3	6.2	6.1	6.1	96.0	94.3	8.2	30.4	3,9	3,9	3.7	5.0	4.5
514	WWA2	S	MID-FLOOD	20-May-06			25.3	6.1	6.0		97.2	94.6	8.2	30.4	3.0	2.9		3.0	-
515	WWA2	M	MID-FLOOD	20-May-06	12:14	9.70	25,3	6.5	6.4	6.3	94,9	92.2	8.2	30,3	3.1	2.9		5.5	
516	WWA2	В	MID-FLOOD	20-May-06			25.4	5.9	5.8	5.9	93.1	89.6	8.2	30.3	3.4	3.2	3.1	5.0	4.5
517	WWA3	S	MID-FLOOD	20-May-06			25.3	6.0	5.8		96.4	93.4	8.2	30.4	2.8	3.0		6.0	1
518	WWA3	м	MID-FLOOD	20-May-06	12:30	6.30	25.3	6.2	6.1	6.0	97.1	95.0	8.2	30.4	3.2	3.9		7.0	j
519	WWA3	В	MID-FLOOD	20-May-06			25.3	6.0	6.0	6.0	96.5	92.6	8.2	30.4	3.4	3.2	3.2	6.0	6.3
520	WBA1	S	MID-FLOOD	20-May-06			25.4	5.9	5.8		91.2	89.4	8.2	30.2	3.4	3.1		7.5	
521	WBA1	м	MID-FLOOD	20-May-06	11:47	39.40	25.3	5.8	5.8	5.8	89.5	88,6	8.2	30,5	3.5	3,3		7.0]
522	WBA1	в	MID-FLOOD	20-May-06			25.3	5.7	5.6	5.6	87.5	86.3	8.2	30.6	3.8	3.9	3.5	7.5	7.3
523	WRA2	S	MID-FLOOD	20-May-06			25.4	5.6	5.5		91.2	68.4	8.2	30.4	3.4	3.3	}	6,5	}
524	WRA2	M	MID-FLOOD	20-May-06	11:33	28.80	25,3	5.8	5.7	5.7	93.0	90.4	8.2	30,7	3.5	3.4]	6.0]
525	WRA2	В	MID-FLOOD	20-May-06			25.3	6.0	6.0	6.0	93.2	91,2	8.2	30.6	3.7	3.4	3.4	6.0	6.2
526	WRA3	s	MID-FLOOD	20-May-06			25.0	6.1	6.0		96.1	92.6	8.2	30.4	3.2	3.2		6.5	
527	WRAS	M	MID-FLOOD	20-May-06	11:19	28,70	25.2	6.1	6.0	6,1	94.2	91.7	8.2	30,5	2.8	2.9	1	5.5	1
528	WRAS	В	MID-FLOOD	20-May-06			25,3	6.4	6.3	6.4	96,3	95.1	8.2	30.4	3.0	2.9	3.0	6.5	6.2
529	WWFCZ1	s	MID-FLOOD	20-May-06		<u> </u>	25.2	6.6	6.3		98.9	97,5	8.2	30.2	1.7	1.7		5.5	
530	WWFCZ1	M	MID-FLOOD	20-May-06	10:55	41.00	25.2	6.1	6.0	6,3	93.4	91.5	8.2	30.7	1.7	1.7	1	6.5	1
531	WWFCZ1	B	MID-FLOOD	20-May-06			25.3	6.0	5.9	5,9	91.8	88.7	8.2	30.8	2.9	2.8	2.1	7,5	6.5
532	WWFCZ1	s s	MID-FLOOD	20-May-06 20-May-06			25,1	6.1	6.0		96.0	93.6	8.2	30,3	2.6	2.8		3.0	
533	WWFCZ2	M	MID-FLOOD	20-May-06	10:40	30.30	25.4	6.0	5.9	6.0	93.3	90.9	8.2	30,2	3,0	3.0	1	7.0	1
534	WWFCZ2 WWFCZ2	B	MID-FLOOD	20-May-06			25.3	6.0	5.9	5,9	93,2	91.2	8.2	30,5	3.7	4.0	3.2	8.0	6.0
534	WFCZR1	s s	MID-FLOOD	20-May-06 20-May-06		l	25.2	6.1	6.0		94.2	92.0	8.2	30.2	3.2	3.4		9.0	†
536	WFCZR1	M	MID-FLOOD	20-May-06	11:09	35.50	25,4	6.0	5.9	6.0	94,7	92.0	8.2	30,5	3.9	3.5	1	6.5	1
							25.2	6.2	6.1	6.2	95.6	93.7	8.2	30.7	3.6	3.4	3.5	8.5	8.0
537	WFCZR1	B	MID-FLOOD	20-May-06			25.2	6.2	6.1	0.2	93.6	91.6	8.2	29,9	3.0	3.0		4.5	+
538	WFCZR2	5	MID-FLOOD	20-May-06	10:30	45,00				6.2	96.1	91.0	8.2	30.8	3.9	3,7	1 ·	4.5	1
539	WFCZR2	M	MID-FLOOD	20-May-06	10.00		25.2 25.0	6.3 6.1	6.2 6,0	6.2	96.1	94.2	8.2	31.0	3.5	4.0	3.5	7.5	5.5
540	WFCZR2	В	MID-FLOOD	20-May-06			25.0	0.1	0,0	. 0.0	34.7	J #2,0	0.2	01.0	<u></u>	,0	9.0		<u>L. 0.0</u>

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp. ℃	DO.	mol	Average value	DO % 9	aturation	pH, Unit	Salinity, ppt		idity, ru	Averaged Value	Suspended Solid, mg/L	Average Value
					10120	deptit, int	25,5	6.4	6.2	- Van Bo	96.3	95.7	8.2	28.6	3.3	3.5		7.5	
541	WWA1	S	MID-EBB	22-May-06 22-May-06	10:26	9.70	25,5	6.6	6.5	6.4	98.3	97.7	8.3	29.5	3.0	3.0		10.0	1
542	WWA1	M	MID-EBB		10.20	0.10	25.5	6.2	6.1	6.2	95.6	94.3	8.3	29.5	3.1	3.3	3.2	8.0	8.5
543	WWA1	B	MID-EBB	22-May-06			25.5	6.4	6.3	0.2	95.3	94.6	8.2	29.8	6.5	6.4		9.0	
544	WWA2	<u>s</u>	MID-EBB	22-May-06	10:13	6.30	25.5	6.4	6.3	6.4	95.2	94.7	8.2	29.9	6.6	6.1		11.0	1
545	WWA2	<u>M</u>	MID-EBB	22-May-06	70.10	0.00	25.5	6.3	6.3	6.3	94.6	93.7	8.2	29.7	5.2	5.2	6.0	8,0	9.3
546	WWA2	В	MID-EBB	22-May-06					6.3	0.3	97.6	96,8	8.2	29.6	4,2	4,3	0.0	6.5	
547	WWA3	<u> </u>	MID-EBB	22-May-06	10:00	6.00	25.6	6.4			97.6	94.3	8.2	30.0	5.4	5.5		8.5	1
548	WWA3	<u>M</u>	MID-EBB	22-May-06	10.00	0.00	25.5	6,5	6.3	6.4				30.0	7.2	7.2	5.6	8.0	7.7
549	WWAS	В	MID-EBB	22-May-06			25.5	6,5	6.3	6.4	95.4	93.7	8.2		3.2		5.0	4.0	1.2
550	WRA1	s	MID-EBB	22-May-06		00.00	25.5	6.4	6.2		97.6	96.3	8.2	28.4		3.2			1
551	WRA1	м	MID-EBB	22-May-06	10:40	29.20	25.5	6.6	6.4	6.4	95.3	94.6	8.2	30.0	4.8	4.6		9.5 6.0	
552	WRA1	В	MID-EBB	22-May-06		·	25.4	6,1	6,0	6.1	94.3	93.6	8.2	30.3	4.3	4.1	4.0		6.5
553	WRA2	s	MID-EBB	_22-May-06			25.5	6.1	6.1		94.2	92.3	8.2	28.4	3.9	3.8		4.5	-
554	WRA2	M	MID-EBB	22-May-06	10:55	28.20	25.4	6.4	6,3	6.2	93.8	92.1	8.2	30.0	3.5	3.7		6.5	
555	WRA2	8	MID-EBB	22-May-06			25.4	6.5	6.3	6.4	94.5	93.7	8.2	30.7	3.3	3.6	3.6	7.0	6.0
556	WRA3	s	MID-EB8	22-May-06			25,5	6.2	6.0		93.2	91.7	8.2	28.6	2.6	3.2		4.0	1
557	WRA3	м	MID-EBB	22-May-06	11:07	25.60	25.5	6.3	6.2	6.2	92.3	91.7	8.2	28.6	3.4	4.2		5.5	4
558	WRA3	В	MID-EBB	22-May-06			25.4	6.3	6.1	6.2	93.2	91.7	8.2	30.3	3.6	3.6	3.4	6.0	5,:
559	WWFCZ1	s	MID-EBB	22-May-06			25.4	6.6	6.4		95,7	94.6	8.2	28.8	3.0	3.2		4.5	4
560	WWFCZ1	м	MID-EBB	22-May-06	_11:47	33.50	25.4	6,4	6.3	6.4	94.7	93.6	8.2	29.6	4.4	4.3		4.5	4
561	WWFCZ1	в	MID-EBB	22-May-06			25.4	6.3	6.2	6.2	93.7	92.6	8.2	29.6	3.0	3.1	3.5	4,5	4.8
562	WWFCZ2	s	MID-EBB	22-May-06			25,4	6,6	6.4		95,7	93.7	8.2	28.7	3.2	3.4		5,5	1
563	WWFCZ2	м	MID-EBB	22-May-06	11:34	36.20	25.4	6.4	6.2	6.4	95.7	94.8	8.2	29.7	4.1	4.1		7.0	ľ
564	WWFCZ2	в	MID-EBB	22-May-06		ļ	25.4	6.4	6.3	6,4	93.7	92.6	8.2	30.2	4.8	4.7	4,0	7.0	6.9
565	WFCZR1	S	MID-E8B	22-May-06			25.4	6.5	6,3		93.7	92.6	8.2	29.1	3.2	3,3		5.5	
566	WFCZR1	м	MID-EBB	22-May-06	12:00	45.80	25.4	6.5	6.3	6,4	94.7	94.2	8,2	29.7	4.0	3.8		5.5	
567	WFCZR1	в	MID-EBB	22-May-06			25.4	6.5	6.3	6.4	95.2	94.7	8.2	29.7	4.6	4.3	3.9	9.0	6.1
568	WFCZR2	s	MID-EBB	22-May-06			25.4	6.5	6.4		96.7	95.3	8.2	28.8	3.9	3.6		4.5	
569	WFCZR2	M	MID-EBB	22-May-06	11:20	42.40	25.4	6.3	6,2	6.3	93.8	92.6	8.2	29.9	4.1	4.2]	5.0	
570	WFCZR2	B	MID-EBB	22-May-06			25.4	6.5	6.3	6.4	94.5	94.1	8.2	29.9	4.0	4.1	4.0	5.0	4.1
571	WWA1	s	MID-FLOOD	22-May-06			25.6	6.7	6.6		95.3	94.7	8.3	27.5	3.2	3.2		8.0	[
572	WWA1	м	MID-FLOOD	22-May-06	16:37	10.30	25.6	6.5	6.3	6.5	94.6	93.1	8,3	28.2	4.1	4.2		7.0]
573	WWA1	В	MID-FLOOD	22-May-06			25.6	6.5	6.4	6.4	93.8	92.9	8.3	28.4	5.2	5.1	4.2	6.0	7.
574	WWA2	s	MID-FLOOD			İ	25.7	6.6	6.5		94.7	93.8	8,3	26.7	2.4	2.5		4.5	Í
575	WWA2	M	MID-FLOOD	-	16:45	7.10	25.6	6.5	6,4	6.5	93.8	92.7	8.3	27.6	3.2	3.2	1	5.5	1
576	WWA2	B	MID-FLOOD				25.6	6.2	6.2	6.2	92.8	91.6	8.2	27.9	4.9	4.7	3.5	5.5	1 5.:
	WWA3	s	MID-FLOOD			1	25.7	6.6	6.5		94,3	93.8	8.2	26.6	4.2	4.1		5.5	1
577	-	M	MID-FLOOD	22-May-06 22-May-06	16:59	6.80	25.7	6.5	6.4	6.5	93.8	92.7	8.2	27.6	3.1	3.2	1	5.5	1
578 579	WWA3 WWA3	B	MID-FLOOD	22-May-06 22-May-06	10.03	0.00	25.6	6.3	6.2	6.3	93.8 93.7	93.6	8,2	27.6	4.2	4.2	3.8	5.5	5,9

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service	

Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	lemp. °C	DO,	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt	Turb N	idity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
580	WRA1	s	MID-FLOOD	22-May-06			25.5	6.4	6.2		94.7	93.6	8.3	27.5	4.4	4.3	ļ	5.5	
581	WRA1	м	MID-FLOOD	22-May-06	16:20	31.30	25.5	6.2	6.1	6.2	92.8	91.7	8.3	29,1	3.1	3.3		6.0	
582	WRA1	В	MID-FLOOD	22-May-06			25.4	6,1	6.0	6.0	91.6	91.3	8.2	30.0	2.6	2.2	3.3	6.0	5.8
583	WRA2	S	MID-FLOOD	22-May-06			25.4	6.4	6.4		95.2	94.1	8.2	27.0	4.2	3.3]	4.5	
584	WRA2	м	MID-FLOOD	22-May-06	16:06	29.70	25.4	6.5	6.4	6.4	94.8	94.2	8.2	28.8	4.7	4.3]	5.5	<u> </u>
585	WRA2	в	MID-FLOOD	22-May-06			25.4	6.5	6.3	6.4	94.3	93.8	8.2	29.4	5.2	5.1	4.5	6.5	5.5
586	WRA3	s	MID-FLOOD	22-May-06			25.5	6.3	6.3		94.7	93.8	8.3	28.2	4.6	4.0		6.5	
587	WRA3	м	MID-FLOOD	22-May-06	15:53	26.50	25.4	6.3	6.2	6.3	95.3	94.6	8.3	29,5	4.8	4.6		9.5	1
588	WRA3	В	MID-FLOOD	22-May-06			25.4	6.3	6.1	6.2	93.7	92.8	8.3	30.3	3.1	3.1	4.0	9,0	8.3
589	WWFCZ1	s	MID-FLOOD	22-May-06			25.5	6.6	6.5		98.7	99.8	8.2	26.6	3.2	3,4		9.5	1
590	WWFCZ1	м	MID-FLOOD	22-May-06	15:26	35.10	25.4	6.4	6.3	6.4	94.7	93.8	8.2	29.3	6.1	6.2		9.5	1
591	WWFCZ1	в	MID-FLOOD	22-May-06			25.4	6.2	6.1	6.2	94.2	93.8	8.2	28.9	3.3	3.2	4.2	7.0	8.7
592	WWFCZ2	s	MID-FLOOD	22-May-06			25.6	6.6	6.4		96.3	95.2	8.2	26.2	4.5	4.2		4.5	1
593	WWFCZ2	M	MID-FLOOD	22-May-06	15:12	36.80	25.5	6.4	6,3	6.4	95.2	94.3	8.2	28.3	5.3	5.1		8.3	
594	WWFG22	в	MID-FLOOD	22-May-06			25.4	6.3	6.2	6.2	96,3	95.2	8.3	28.2	4.9	4.B	4.8	5.0	5.9
595	WFCZR1	s	MID-FLOOD	22-May-06			25.5	6.7	6.6		97.5	96.5	8.2	26.5	6.2	6.2		5.0	
596	WFCZR1	м	MID-FLOOD	22-May-06	15:40	46.30	25.4	6.3	6.2	6.4	96.3	95.2	8.3	30.2	5.7	5.0		4.0	
597	WFCZR1	8	MID-FLOOD	22-May-06			25.4	6.3	6.3	6.3	95.7	94.8	8,3	31.2	4.7	4.7	5,4	5.5	4,B
598	WFCZR2	S	MID-FLOOD	22-May-06			25,7	6.4	6.3		94.7	93.6	8.2	26.2	3.5	3.5		6.0	
599	WFCZR2	M	MID-FLOOD	22-May-06	15:00	43.20	25,6	6.5	6.3	6.4	94.3	94.1	8.2	28.9	4.6	4.1		9,5	
600	WFCZR2	В	MID-FLOOD	22-May-06			25.5	6.4	6.3	6.3	93.7	93.2	8.2	29,2	4.3	4.1	4.0	9.0	8.2
601	WWA1	5	MID-EBB	24-May-06			25.8	6.5	6.2		94.7	93.8	8.2	26.8	3.4	3.2	1	4.5	
602	WWA1	м	MID-EBB	24-May-06	11:25	8.30	25.9	6.3	6.1	6,3	93.6	92.7	8.2	26.8	3.1	3.1		4.0	
603	WWA1	В	MID-EBB	24-May-06			25.8	6.4	6.3	6.3	92.8	91.8	8.2	27.1	3,5	3.4	3.3	5.5	4.7
604	WWA2	S	MID-E8B	24-May-06			25.8	6.3	6.3		93.5	92.7	8.2	28.4	3.2	2.8		12.5	1
605	WWA2	м	MID-EBB	24-May-06	11:12	7.40	25.8	6.5	6.3	6.4	94.6	93.7	8.2	28,5	9.2	9.0		12.0	
606	WWA2	в	MID-EBB	24-May-06			25.8	6.4	6.3	6.3	94.3	94.1	8.2	28.6	9,0	8.5	6.9	27.0	17.2
607	WWA3	S	MID-EBB	24-May-06			26.1	6.5	6.3		98.2	96.7	B.2	28.0	7.5	6.9		8.0	1
608	WWA3	м	MID-EBB	24-May-06	11:00	7.10	26.0	6.5	6.3	6.4	95.2	94.7	8.2	28.4	7.4	7.3		8.0	
609	WWA3	В	MID-EBB	24-May-06			26.0	6.4	6.4	6.4	93.6	92.7	8.2	28.5	5.2	5.7	6.7	8,0	8.0
610	WRA1	s	MID-EBB	24-May-06			26.0	6.6	6.4		96.3	95.7	8.2	24.6	3.3	3.1		3.0	4
611	WRA1	м	MID-EBB	24-May-06	11:40	36.60	25.8	6.5	6.4	6.5	97,3	96.5	8.2	28.9	4.6	4.8	1	6,0	4
612	WRA1	в	MID-EBB	24-May-06	1		25.6	6.2	6.2	6.2	95.4	93.7	8.2	29,7	6.2	6.0	4.7	7.5	5.5
613	WRA2	s	MID-E9B	24-May-06			25.8	6.5	6.4		96.3	95.7	8.2	26,4	3.0	3.3		3.0	1
614	WRA2	M	MID-EBB	24-May-06	11:53	29.30	25.6	6.3	6.1	6.3	95.7	94.3	8.2	29.0	5.2	5.0	1	7.5	1
615	WRA2	в	MID-EBB	24-May-06	1		25.6	6.3	6.1	6.2	95.7	94.2	8.2	30,1	5.1	5.7	4.5	8.0	6.2
616	WRA3	s	MID-EBB	24-May-06			26.0	6.4	6.4		94.7	93.8	8.2	24.7	3,1	3.1		2,5	1
617	WRA3	M	MID-EBB	24-May-06	12:06	26.10	25.6	6.2	6.1	6.3	91.6	90.5	8.2	29.5	6.4	5.7		4.0	1
618	WRA3	В	MID-EBB	24-May-06	1		25.6	6.3	6.1	6.2	91,8	90.7	8.2	30,1	5.1	5.3	4.8	8.0	4.8

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I						Water	iemp.			Average				Salinity,		idity,	Averaged		
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt	N	ru	Value	mg/L	Value
619	WWFCZ1	S	MID-EBB	24-May-06			25.7	6.3	6.2		93.7	92.8	8.2	26.3	4.0	4.1		4,0	1
620	WWFCZ1	м	MID-EBB	24-May-06	12:47	33.60	25.5	6.4	6.3	6,3	94.4	93.2	8.2	29.4	4.0	3.8		3,5	1
621	WWFCZ1	в	MID-EBB	24-May-06			25.6	6.2	6.2	6.2	92.9	91.8	B.2	29.6	4.9	4.3	4.2	3.5	3.7
622	WWFCZ2	s	MID-EBB	24-May-06			25.8	6.5	6,4		94.7	94.2	8.2	26.0	4.1	4.2		5.0	1
623	WWFCZ2	м	MID-EBB	24-May-06	12:34	38.10	25.7	6.3	6.1	6.3	95.2	94.8	8.2	29.4	4.1	4.6	ļ	4.5	
624	WWFCZ2	В	MID-EBB	24-May-06			25.5	6.3	6,1	6.2	93.8	92.7	8.2	29.4	4.4	4.6	4.3	4.5	4.7
625	WFCZR1	S	MID-E8B	24-May-06			25.7	6.4	6.2		94.7	93.8	8,2	25.8	2.8	2.7		3.3	
626	WFCZR1	м	MID-EBB	24-May-06	13:03	44.50	25.6	6.4	6,2	6.3	93.7	92.6	B.2	29.6	4.6	4.4		3.8	
627	WFCZR1	B	MID-EBB	24-May-06		'	25.5	6.2	6.1	6.1	93.7	92.6	8.2	29.7	5.6	5.7	4.3	7,0	4.7
628	WFCZR2	S	MID-EBB	24-May-06			25.8	6.4	6.2		95.7	93.6	8.2	25.2	4.0	4.1		4.0	
629	WFCZR2	M	MID-EBB	24-May-06	12:20	39.30	25.6	6.5	6.3	6.3	93.8	92.8	8,2	29.2	4.4	4.3		4.5	
630	WFCZR2	В	MID-EBB	24-May-06			25.5	6.3	6.2	6.2	94.7	93.8	8.2	29.4	3.6	3.9	4.1	4.0	4.2
631	WWA1	S	MID-FLOOD	24-May-06			26.0	6.6	6.4		97,3	96.2	8.2	24.9	9,9	10,8]	18.0	
632	WWA1	M	MID-FLOOD	24-May-06	16:23	7.40	26,0	6.5	6.3	6.5	96,7	95.3	8.2	25.2	8.8	7.7]	12.0	
633	WWA1	В	MID-FLOOD	24-Mav-06			26.0	6.4	6,2	6.3	94.7	93.7	8,2	25.2	8.6	9.8	9.3	10.5	13.5
634	WWA2	ŝ	MID-FLOOD	24-May-06			26.0	6.3	6.2		95.7	94.3	8.2	24.9	8.3	7.9		9,5	
635	WWA2	M	MID-FLOOD	24-May-06	16:12	8.70	26.0	6.6	6.4	6.4	96.3	95.2	8.2	24.9	11.2	9.1		17.0	
636	WWA2	в	MID-FLOOD	24-May-06			26.0	6.3	6.2	6.2	94.6	93.8	8.2	25.0	12.2	11.3	10.0	25.5	17.3
637	WWA3	s	MID-FLOOD	24-May-06		1	26.9	6,3	6.2		91.3	89.7	8.2	24.1	10.2	10.5		11.5	
638	WWA3	M	MID-FLOOD	24-May-06	16:00	6.80	26.2	6.4	6.2	6.3	93.7	92.6	8.2	24.9	12.9	12.0		24.5	
639	WWA3	B	MID-FLOOD	24-May-06			26.1	6.4	6.3	6.3	93.5	92.6	8.2	24.9	13.1	11.4	11.7	18.0	16.0
640	WRA1	s	MID-FLOOD	24-May-06			26.2	6.5	6,4		97.3	96.2	8.2	21.4	2.9	2.9		4.8	
641	WBA1	м	MID-FLOOD	24-May-06	16:49	34.70	25.9	6.3	6,2	6.4	96.2	95.7	8,2	26.0	4.7	4.7		4.5	
642	WBA1	в	MID-FLOOD	24-May-06			25.7	6.1	6.0	6,1	93.2	92.5	8.2	25.9	5.6	5.9	4.4	7.0	5.4
643	WBA2	S	MID-FLOOD				26.0	6.7	6.5		95.7	94.3	8.2	22.9	4.1	4.6		4.0	
644	WBA2	м	MID-FLOOD		17:03	28.40	25.9	6.4	6.3	6.5	95.7	94.6	8.2	26.2	5.3	4.7]	4.5	
645	WBA2	В	MID-FLOOD				25.8	6.4	6.2	6.3	94.7	93.6	8.2	26.2	5.6	4.8	4,9	7.0	5.2
646	WRA3	s	MID-FLOOD	24-May-06			25.9	6.4	6.3		95.7	94.6	8.2	23.8	3.9	4.1		4.0	
647	WRA3	M	MID-FLOOD	24-May-06	17:16	25.30	25.8	6.3	6.1	6.3	94.7	93.6	8.2	23.7	5.4	5.1		4.0	1
648	WRA3	В	MID-FLOOD				25.7	6.2	6.2	6.2	94.6	93.1	8.2	27,7	5.4	5.2	4.8	6.5	4.8
649	WWFCZ1	s	MID-FLOOD			1	25,9	6.4	6.1		94.3	92.7	8.2	23.7	3.0	3.1		2.8	
650	WWFCZ1	M	MID-FLOOD		17:57	30.00	25.7	6.3	6.2	6.2	93.6	92.5	8.2	25.8	3,5	3.3		4,5	_
651	WWFCZ1	в	MID-FLOOD	24-May-06			25.6	6.4	6.2	6.3	93.8	92.7	8.2	26.7	5.0	4.9	3.8	5.0	4.1
652	WWFCZ2	s	MID-FLOOD			1	25.9	6.4	6.3		95.7	93.8	8.2	23.7	4.0	4.1		3,0	
653	WWFCZ2	м	MID-FLOOD	24-May-06	17:44	36.40	25.7	6.3	6.2	6.3	94.3	92.7	8.2	26,0	4.3	4.8]	5,0	
654	WWFCZ2	в	MID-FLOOD	24-May-06			25.7	6.4	6.2	6.3	93.7	93.1	8,2	26.4	5.0	4.9	4.5	5.0	4.3
655	WFCZR1	s	MID-FLOOD				25.8	6.5	6.3		95.7	94.6	8.2	24.3	3.6	3.6		8.5	
656	WFCZR1	м	MID-FLOOD		18:09	44.80	25.6	6.3	6.2	6.3	94,5	93.7	8.2	28.2	5.1	5.5		5.0	
657	WFCZR1	В	MID-FLOOD				25.6	6,5	6.3	6.4	93.5	92.6	8.2	28.2	4.8	5.0	4.6	5.0	6.2

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Servic	ce
Marine Water Quality Impact Monitoring	

(insin		any mpo	et Monitoring				T											Concerned and Called	Averaged
Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth.m	Temp. °C	DO,	mail	Average value	DO % 9	aturation	pH, Unit	Salinity, ppt	Turb N	ndrty, TU	Value	Suspended Solid, mg/L	Averaged Value
	WFCZR2	S	MID-FLOOD	24-May-06		copilit	25.9	6.5	6.3		94.7	93.8	8.2	23,8	4.4	4.5		4,5	
658 659	WFCZR2	M	MID-FLOOD	24-May-06	17:30	39,20	25.7	6.1	6.0	6.2	93.6	92.7	8.2	27,6	5.6	5.3		6,0	
660	WFCZR2	B	MID-FLOOD	24-May-06			25.6	6.3	6.2	6.3	94.3	93.7	8.2	28,7	3.9	4.1	4.6	9.0	6.5
661	WWA1	s	MID-EBB	26-May-06			27.1	6.4	6.3		94,3	93.7	8.2	20.1	6.0	6.1		8.5	1
662	WWA1	M	MID-EBB	26-May-06	13:28	6.10	27.0	6.2	6.2	6.3	93.6	92.5	8.2	20.8	8.7	8,1		11.5	1
663	WWA1	В	MID-EBB	26-May-06			26.9	6.4	6.3	6.4	94.5	93.2	8.2	21.0	7.4	8.1	7.4	10.0	10.0
664	WWA2	s	MID-EBB	26-May-06			26.9	6.2	6.1		93.6	92.8	8.2	21.8	6.9	6.7		13.0	
665	WWA2	M	MID-EBB	26-May-06	13:13	6.50	26.8	6.3	6.2	6.2	92.7	91.6	8.2	22.3	7.8	6.9	1	14.0	
666	WWA2	В	MID-EBB	26-May-06			26.8	6.3	6,1	6.2	90.4	90.3	8.2	22.4	6.4	6.1	6.8	13,5	13.5
667	WWA3	S	MID-E8B	26-May-06			27.1	6.4	6.3		93.7	93.4	8.2	22.4	5,2	5.3		6.0	
668	WWA3	M	MID-E8B	26-May-06	13:00	6.20	26.9	6.5	6.4	6.4	95.3	94.6	8.2	22.7	6.9	6.3		9.5	
669	WWA3	в	MID-E8B	26-May-06	•		26.9	6.3	6.2	6.2	94.6	93.5	8.2	22.7	6.5	5,9	6.0	8.0	7.8
670	WBA1	S	MID-E8B	26-May-06			26.3	6.5	6.4		94.6	94.3	8.2	18.6	4,5	4.3		4.0	
671	WRA1	м	MID-EBB	26-May-06	13:41	45.20	26.4	6.2	6.2	6.3	93.8	93.5	8.2	25.2	7,1	7.3		9.0	
672	WRA1	в	MID-E8B	26-May-06			26.2	6,2	6.1	6.2	92.9	91,8	8.2	26.0	6.1	7.6	6.5	8.0	7.0
673	WRA2	s	MID-EBB	26-May-06			27.1	6,3	6.2	ļ	93.6	9 3.1	8.2	19.1	4.6	4,9		8.5	
674	WRA2	м	MID-EBB	26-May-06	13:56	38.50	26.9	6.1	6.0	6.2	91.9	90.5	8.2	22.1	5.9	5.5		10.5	
675	WRA2	В	MID-EBB	26-May-06			26.2	6.3	6.3	6.3	91.7	90.3	8.2	25.4	7.4	7.1	5.9	14.0	11.0
676	WRA3	s	MID-EBB	26-May-06			27.2	6.7	6.5		97.6	96.1	8.2	19.4	5,5	5.0		9.0	4
677	WRA3	M	MID-EBB	26-May-06	14:08	28.00	26.7	6.3	6.2	6.4	95,3	94.6	8.2	22.4	6.0	5,6		8.5	1
678	WRA3	в	MID-EBB	26-May-06			26.5	6,2	6.1	6.2	94.2	91.7	8.2	23.5	5.7	5.4	5.5	7.5	8.3
679	WWFCZ1	S	MID-EBB	26-May-06			27.1	6.1	6.0		93.6	92.7	8.2	19.6	5.0	5.1		7.0	
680	WWFCZ1	м	MID-EBB	26-May-06	14:53	32.60	26.6	6.1	6.1	6.1	94.1	93.7	8.2	23.9	7.0	7.2		9.0	1
681	WWFCZ1	в	MID-EBB	26-May-06			26.5	6.1	6.0	6.1	92.B	91.3	8.3	23.1	7.4	7.0	6.4	7.5	7,8
682	WWFCZ2	s	MID-EBB	26-May-06			27.1	6.5	6.4		95.3	94.8	8.2	19.0	4.9	4,8	1	4.5	
683	WWFCZ2	м	MID-EBB	26-May-06	14:40	39.60	26.6	6.2	6,1	6.3	94.6	93.7	8.2	22.9	6.1	6.1		8.5	
684	WWFCZ2	В	MID-EBB	26-May-06			26,4	6.1	6.0	6.1	92.7	91.6	8.2	23.3	6.4	7.0	5.9	10.5	7.8
685	WFCZR1	S	MID-EBB	26-May-06			27.1	6.3	6.2		92.3	91.7	8.2	19,7	5.1	4.9	}	8,5	4
686	WFCZR1	м	MID-EBB	26-May-06	15:06	41.30	26.6	6.1	6.0	6.1	92.1	90.3	8.2	23.5	5.9	5.8	1	6.5	4
687	WFCZR1	В	MID-E9B	26-May-06			26.5	6.3	6.1	6.2	94.8	93.2	8.2	22.9	5.1	5.2	5,3	10.5	8.5
669	WFCZR2	s	MID-EBB	26-May-06			26.8	6.5	6.3		94.7	93.6	8.2	20.0	6.1	5,9	1	9.5	4
689	WFCZR2	M	MID-EBB	26-May-06	14:25	38.00	26.4	6.2	6.1	6.3	93.7	92.8	8.2	23.8	7.8	7.3	4	12.0	-
690	WFCZR2	В	MID-EBB	26-May-06			26.2	6.2	6.0	6.1	91.3	90.5	8.2	24.9	7.7	7.9	7.1	10.0	10.5
691	WWA1	S	MID-FLOOD	26-May-06			26.0	6.0	6.0		91.3	90.6	8.2	26.7	4,5	4.6	.	8.0	4
692	WWA1	М	MID-FLOOD	26-May-06	8:57	8.70	26.0	6.1	6.0	6.1	92.7	91.6	8.2	26.8	5.9	6.0	1	11.5	4
693	WWA1	в	MID-FLOOD	26-May-06			25.9	6.1	6.1	6.1	91 <u>.3</u>	90.5	8,2	26.5	7.8	7.8	6.1	18.0	12.5
694	WWA2	S	MID-FLOOD	26-May-06			26,0	6.3	6.3		93.8	92.7	8.2	27.2	4.0	3.9	1	7.0	4
695	WWA2	M	MID-FLOOD	26-May-06	8:43	6.20	25,9	6.3	6.2	6.3	92.6	91.7	8.2	28.5	4.6	4.4	4	7.5	4
696	WWA2	в	MID-FLOOD	26-May-06			25.9	6.3	6.2	6,3	91.8	90.7	8.2	27.7	5.2	4.3	4.4	10.5	8.3

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth.m	lemp. ℃	· ро,	ma/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt	Turb	idity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
697	WWA3	s	MID-FLOOD	26-May-06			26.1	6.4	6.3		94.7	93.2	8.2	27.3	6.7	7.1		11.0	
698	WWA3	M	MID-FLOOD	26-May-06	B:30	7.70	25.8	6.1	6.1	6,2	93.3	92.7	8.2	29.5	7.2	6.7		16.5	
699	WWA3	B	MID-FLOOD	26-May-06			25.9	6.2	6.0	6.1	93.7	92.6	8,2	29.3	6.4	5.7	6.6	16.0	14.5
700	WBA1	s	MID-FLOOD	26-May-06			26.1	6.3	6.2		92.8	91.6	8.2	24.9	4.9	4.8		9.5	
700	WBA1	м	MID-FLOOD	26-May-06	9:16	25.90	25.9	6.2	6.0	6.2	92.8	91.7	8.2	29.5	5.6	5,9		7.5	1
702	WBA1	В	MID-FLOOD	26-May-06			25.8	6.2	6.1	6.1	92.8	91.7	8.2	29.7	6.0	5,9	5,5	7.5	8.2
702	WBA2	s	MID-FLOOD	26-May-06			26.1	6.1	6.0		93.6	92.5	8.2	25.4	4.0	3.3		8.5	
704	WRA2	м	MID-FLOOD	26-May-06	9:30	28.70	25.8	6.2	6.1	6.1	92.7	91.6	8.2	29.0	5.5	4,8	1	10.5	1
705	WRA2	в	MID-FLOOD	26-May-06			25.9	6.2	6.1	6.2	92.7	91.3	8.2	27.9	4.9	5.1	4.6	8.0	9.0
706	WRAS	s	MID-FLOOD	26-May-06			26.0	6.2	6.2		92.3	91.7	8.2	25.3	3.8	3.9		10,5	
707	WRAS	м	MID-FLOOD	26-May-06	9:45	29.20	25.8	6.2	6.1	6.2	91,7	90.5	8.2	28.9	5.7	5.7	1	10.0	
708	WRA3	9	MID-FLOOD	26-May-06			25.7	6.2	6.2	6.2	92.3	91.7	8,2	29.5	5.3	5.5	5,0	7.0	9.2
709	WWFCZ1	s	MID-FLOOD	26-May-06			26.1	6.1	6.0		91.5	90.5	8.3	24.9	2.3	2.2		4.5	
710	WWFCZ1	м	MID-FLOOD	26-May-06	10:26	34.20	25.9	5.9	5.8	6.0	92.3	91.1	8.3	28,9	4.7	4.8	1	7.0	
711	WWFCZ1	в	MID-FLOOD	26-May-06			25.8	6.2	6.0	6.1	92.3	91.7	B.3	28.7	4.5	4,8	3.9	6.5	6.0
712	WWFCZ2	5	MID-FLOOD	26-May-06			26.1	6.2	6.1		93.7	92.6	6.3	24.7	3.1	3.1		6.0	
713	WWFCZ2	M	MID-FLOOD	26-May-06	10:13	38,60	25.9	6.0	5.9	6.1	92.5	91.3	8,3	28.8	5.0	4.9		6.5]
714	WWFCZ2	В	MID-FLOOD	26-May-06		· .	25,8	6.1	6.1	6.1	91,3	91.5	8.3	29.0	4.8	4.1	4.2	16,0	9.5
715	WFCZR1	. s	MID-FLOOD	26-May-06			25.8	6.2	6.0		92.7	91.6	8.3	24.8	2.9	3.2		5.5	
716	WFCZR1	м	MID-FLOOD	26-May-06	10:47	47.20	25.9	6.2	6.0	6.1	92.3	91.7	8.2	29.1	5.0	4.7		7.0	
717	WFCZR1	в	MID-FLOOD	26-May-06			25.8	6.1	6.0	6.1	91.6	90.3	8.2	29.2	4.2	5.0	4.2	6.5	6.3
718	WFCZR2	s	MID-FLOOD	26-May-06			26.1	6.3	6.2		93.6	92.7	8.2	25,1	3.7	3.5		4.5	
719	WFCZR2	м	MID-FLOOD	26-May-06	10:00	44.10	25.8	6.2	6.1	6.2	93.7	92.5	8.2	28,6	3.8	4.4		6.5	
720	WFCZR2	B	MID-FLOOD	26-May-06			25.8	6.2	6.0	6.1	92.3	91.6	8.2	28,8	4.1	4.4	4.0	8.5	6.5
721	WWA1	S	MID-EBB	30-May-06			26.1	6.1	6.0		90,5	89.2	8.4	21.4	6,1	6.4		10.0	
722	WWA1	M	MID-EBB	30-May-06	14:31	7.40	26.0	6,3	6,3	6.2	92.4	91.6	8,4	22.7	8.2	8.3	1	14.5	
723	WWA1	8	MID-EBB	30-May-06			25.9	6,7	6.6	6.6	95.4	94.7	8.4	23.3	9.5	9.2	8.0	21.5	15.3
724	WWA2	S	MID-EBB	30-May-06			26.1	6,1	6.0		89.9	88.3	8.3	21.3	5.5	5,9		7.5	
725	WWA2	м	MID-EBB	30-May-06	14:15	7.20	26.2	6.3	6.2	6.1	90.2	89.5	8.2	21.5	5.5	5.6		5.5	
726	WWA2	В	MID-E8B	30-May-06			26.2	6.5	6.5	6.5	93.6	93.3	8.3	21.6	3.5	6.6	5.5	8.0	7.0
727	WWA3	s	MID-EBB	30-May-06			26.3	6.4	6.4		91.7	90.5	8.4	21.2	4.3	4.5		8.0	<u> </u>
728	WWA3	M	MID-EBB	30-May-06	14:00	6.20	26,3	6.3	6.3	6.4	93.9	92.9	8.4	21.5	5,2	5.6		8.5	
729	WWA3	В	MID-EB8	30-May-06			26.2	6.2	6.2	6.2	94.1	93.1	8.4	21.4	5.6	5.6	5.1	6.0	7.5
730	WRA1	S	MID-EBB	30-May-06			26.2	6,2	6.1		89.8	87.9	8.3	18.8	3.8	3,B		7.5	-
731	WRA1	M	MID-EBB	30-May-06	14:50	29.60	25.8	5.7	5.7	5.9	86.1	85.0	8.3	26.4	10.2	10.1		18.0	{
732	WBA1	8	MID-EBB	30-May-06			25.7	6.1	6.0	6.0	84.2	86.0	8,3	28.6	11.3	11.2	8,4	20.0	15.2
733	WRA2	S	MID-EBB	30-May-06			26.1	6.4	6.3		93.9	93.5	8,4	19.4	4.9	4.7	1	8.5	4
734	WRA2	м	MID-EBB	30-May-06	15:04	27.00	25,8	5.8	5.8	6.1	85.2	84.2	8.4	23,5	4.9	5.0	1	8.5	4
735	WRA2	В	MID-EBB	30-May-06		L	25.8	6.3	6.2	6.3	86.6	85.4	8.4	22.8	4.2	4.2	4.6	10.0	9.0

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HY/2005/06 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service	÷
Marine Water Overling Impact Manhaing	

Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	lemp. ℃	DO,	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt	Turb N	idity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
736	WRA3	S	MID-EBB	30-May-06			26.2	6,4	6.3		81.1	90,1	8.3	18.5	4.3	4.2		11.0	
737	WRA3	M	MID-E8B	30-May-06	15:14	30.10	25.9	6.0	6.1	6.2	85.4	84,6	8.3	22.4	3.7	3.8		7.0	
738	WRA3	в	MID-EBB	30-May-06		i	25.9	6.4	6.4	6.4	91.3	91.2	8,3	22.8	3.3	3.4	3.8	10.0	9.3
739	WWFCZ1	S	MID-EBB	30-May-06			25.9	5.9	5.8		89.6	88.0	8.3	18.6	4.6	4.7		4.0	
740	WWFCZ1	м	MID-EBB	30-May-06	16:03	29.50	25.7	6.4	6.4	6.1	87.2	87.1	8.3	24.7	4.9	4.5] .	9.0	
741	WWFCZ1	В	MID-EBB	30-May-06			25.7	6.5	6.5	6.5	97.7	96.2	8.3	17.6	4.0	4.0	4.5	7.5	6.8
742	WWFCZ2	s	MID-EBB	30-May-06		_	26.1	6.1	6.2		88.9	89.6	8.3	17.5	4.9	4.9		4.5	
743	WWFCZ2	м	MID-EBB	30-May-06	15:47	39.70	25,8	5.9	5.9	6.0	86,5	85.5	8.3	23.7	5,4	5.2		8.5	1
744	WWFCZ2	в	MID-EBB	30-May-06			25.6	6.2	6.1	6.1	87.6	86.2	8.3	27.0	6.3	5.9	5.4	9.5	7.5
745	WFCZR1	s	MID-EBB	30-May-06			26.1	6.3	6.3		82.7	84.5	8,4	18.2	4.6	4.4		3.8	ļ
746	WFCZR1	м	MID-EBB	30-May-06	16:20	46,90	25.8	6.4	6.4	6.4	85.4	85.3	8,3	24.1	5.7	6.0		3.5	1
747	WFCZR1	Ð	MID-EBB	30-May-06			25.8	6.0	6.0	6.0	87.6	86.7	8.3	23.9	5.4	5.5	5.2	3.5	3,6
748	WFCZR2	S	MID-EBB	30-May-06		~~~	26.0	6.0	6.0		90.0	91.0	8.5	17.7	4.7	4.4		7.5	1
749	WFCZR2	м	MID-EBB	30-May-06	15:31	42.70	25.8	6.1	6.1	6.0	90.5	89.4	8.5	25.8	4.7	4.7		9.5	
750	WFCZR2	9	MID-EBB	30-May-06			25.7	6.4	6.3	6.3	89.9	89,3	8.5	25.2	5.6	5.4	4.9	6.0	7.7
751	WWA1	S	MID-FLOOD	30-May-06			25.3	6.4	6.3		97.2	95.1	8.1	24.6	3.0	3.8		8.5	
752	WWA1	м	MID-FLOOD	30-May-06	11:15	8.10	25.3	5.9	5.9	6.1	88.3	86.4	8.1	26.8	3,6	3.5		11.0	1
753	WWA1	в	MID-FLOOD	30-May-06		_	25,3	5.9	5.9	5.9	86.1	87.0	8.1	26.7	3,4	3.5	3.5	10.5	10.0
754	WWA2	5	MID-FLOOD	30-May-06			25.2	5,5	5.5		82.3	84,6	8.1	26,9	3.3	3.4		6.5	
755	WWA2	м	MID-FLOOD	30-May-06	11:26	12.40	25.3	6,2	6.1	5.8	87.4	87.7	8,1	27.1	3.3	3.4	ļ	7.5	
756	WWA2	в	MID-FLOOD	30-May-06			25.1	6.1	6.0	6.1	91.6	89.6	8,1	27.2	3.1	3.2	3.3	6.5	6.6
757	WWA3	S	MID-FLOOD	30-May-06			25.3	5.9	5.9		86.5	85.1	8.2	26.5	2,8	3.4	<u>.</u>	6.0	1
758	WWA3	м	MID-FLOOD	30-May-06	11:38	6.50	25,3	6.3	6.3	6,1	87.4	88.3	8.2	25.8	3,0	3.2		9.5	
759	WWA3	В	MID-FLOOD	30-May-06			25.3	6.2	6.1	6.2	88.7	67.9	8,2	26.9	3.4	3.2	3.2	8.0	7.8
760	WRA1	S	MID-FLOOD	30-May-06			25.4	6.0	5.9		96.1	90.2	8.2	27.3	3.B	3.9		4,0	
761	WRA1	м	MID-FLOOD	30-May-06	10:59	22.00	25.3	5.9	5.8	5.9	92.4	90.0	8.2	28.0	4.5	4.1		8.0	
762	WRA1	В	MID-FLOOD	30-May-06			25.4	5,8	5.8	5.8	87.9	85.2	8.2	28.4	4.9	5.3	4,4	10.5	7.5
763	WRA2	s	MID-FLOOD	30-May-06			25.3	6.1	6.1		93.6	91.7	8.2	25.8	3.5	3.4		8.5	
764	WRA2	M	MID-FLOOD	30-May-06	10:45	24.20	25.3	5,5	5.5	5.8	82.8	82.0	8.2	27.7	3.8	3.9		7.5	1
765	WRA2	в	MID-FLOOD	30-May-06			24.8	6.1	6.1	6.1	84.6	85.1	8.2	26.3	3.1	3.2	3.5	6.5	7.5
766	WRA3	s	MID-FLOOD	30-May-06			25.4	5.7	5.6		86.2	86.7	8.1	27.8	3.7	3.7		9.5	Ĺ.
767	WRA3	м	MID-FLOOD	30-May-06	10:32	32.00	25.2	6.1	6.1	5.9	88.4	89.0	8,1	18.2	4.3	4.5		6.5	
768	WRA3	В	MID-FLOOD	30-May-06	1		25.1	6.4	6.2	6.3	91.2	90.7	8.1	18.9	4.1	4.2	4.1	6.5	7.5
769	WWFCZ1	s	MID-FLOOD	30-May-06			25.5	5.9	5.8		91.8	90.2	8.2	24.7	3.5	3.4		7.5	
770	WWFCZ1	м	MID-FLOOD	30-May-06	9:44	36.30	25.3	5.5	5.5	5.7	87.B	85.6	8.2	27.9	6,4	6.9]	11.0	
771	WWFCZ1	В	MID-FLOOD	30-May-06	1		25.2	5.8	5.7	5.8	88.0	86,8	8.2	29.4	7.1	7.1	5.7	7.5	8.7
772	WWFGZ2	S	MID-FLOOD	30-May-06			25.5	6.2	6.2		96.0	93,5	8.1	21.5	3.8	3.7		6.0	
773	WWFCZ2	м	MID-FLOOD	30-May-06	10:00	39.60	25.4	5.8	5.6	6.0	90.1	88.0	8.2	27.7	5.5	5.5		8.0	
774	WWFCZ2	в	MID-FLOOD	30-May-06	1		25.4	5.9	5.8	5.8	93.4	91.2	8.1	28.3	4.9	4.6	4.7	10.5	8.2

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	°C ℃	DO,	mg/L	Average value		aturation	pH, Unit	Salinity, ppt	Turb N		Averaged Value	Suspended Solid, mg/L	Averaged Value
. 775	WFCZR1	s	MID-FLOOD	30-May-06			25.0	6.0	5.9		91.6	89.6	8.2	21.5	3.9	3,7		4.5	
776	WFCZR1	м	MID-FLOOD	30-May-06	10:15	43,80	25.1	6.2	6.1	6.0	85.0	85.2	8.2	28.7	6.0	6.2]	11.5	
777	WFCZR1	В	MID-FLOOD	30-May-06			25.1	6.2	6.1	6.2	98.6	97.2	8.2	28.7	6,0	6.2	5.4	12.0	9.3
778	WFCZR2	S	MID-FLOOD	30-May-06			25.4	6.0	6.0		84.0	84.3	8.1	26.1	3.9	3.8	ļ	4.5	
779	WFCZR2	м	MID-FLOOD	30-May-06	9:30	38,90	25.4	6.1	6.0	6.0	82.4	83.6	8.1	28,0	5,2	5.0		9.5	
780	WFCZR2	в	MID-FLOOD	30-May-06			25.3	6,0	5.9	5.9	92.7	90.4	8.2	29,4	5.6	5.7	4.9	10.5	8.2

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Appendix E Records of disposal of C&D materials by barge in May 2006

Serial No. 0000922559 Please stick contract no. barcode above Chop of Engineer's/Architect's Representative C Outlying Islands 請在上方駐上合約編號條碼 工程師/建築師代表蓋印 Location of Site 車牌號碼: 24690 口 Sai Kung 西貢 地盤位置: 1日公: AUTHORIZED CHOP FOR ENGINEERS REPRESENTATIVE □ Shatin 離局 HY/2005/06 **HY 200** VCHM • 口 Kowloon City 口 Wong Tai Sin 九龍城 黃大仙 Tuen Mun 口 Southern 南區 • 「日日」 **Construction and Demolition Materials** Ld Tsuen Wan 口 Eastern 東區 劉芝 離開地盤時間 > 23/5/6 🛛 Tai Po 年间 JI2 日 3/4 日午山 潘 大埔 Disposal Delivery, Form nop of Designated Public Filling Facility/Landfill ✓ 拆建物料運搬記錄票 a) "W 24 Facility/Landfill: 🗌 Shamshuipo 🔲 Kwai Tsing 公眾填土設施/堆填區蓋印 ※ 養養 深水埗 🗖 Wahchai 다 Sefe 만 - Fill Bonk st Tune Mills Aven **少**窥 日本 概 8: 42 Ne-1-W Designated Public Filling Central & Western 指定公眾填土設施。 🗌 Yau, Tsim, Mong Approximate Load! 口 Kwun Tong 觀塘 🛛 Yuen Long 中国国 油头用 大約承載量 形観 日期: EDD CHUN WO CONSTRUCTION - J Outlying Islands Transfer Facilities & ENGINEERING CO. LT Fill Brank st. cle Registration Mark: 111日間 「に選ぶり) Sorting 5 ount-holder. ick (A) One Prescribed Facili **公**眾與斜接收設施 調明影施 çọ Public Fill Reception 離島颰物轉運設 (二) 建壤區 [1] Landfills **扩**期期碼 V Date of Use: Issued by: 使用日期: 簽證人 帳戶名租 入帳票編號 製材「く」 Namê Chit No.

Shun Tat Construction E	ngineering Limited
信達建設工程	有限公司
Date日期: <u>~3、05、06</u>	Delivery Note No.:
BARGE DELIVERY 菱船載貨話	
Source來源: 有差乏多	
Type of materials 物料類別: 子-	
Barge name 躉船名稱: 化三字 22	
Barge registration no. 躉船登記號碼: 2-1696 \/	
Arrival time 到達時間:	
Unloading time 開始放料時間: 24、05.06	~d ³⁰ ~
Departure time 離開時間:	m= 線 3.5 m m= 線 3.4 m
Deck level before loading 吉載 (1):	船頭 紅 3.3 m 船尾 紅 3.4 m
Deck level after loading 滿載 (2):	
Estimated quantity (Base on Barge Infrmation) 物料噸數:	9 67,56 -2 电强
Destination (of Materials) 目的地:	I 10 38 500
	-
	(2)
	CONST. 4 CON
Agreed By Mong At hi	Agreed By
Shun Tet Construction Eng. Ltd.	Chun Wo Construction & Eng. Co. Ltd.

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Appendix F CEDD's approval letter for delivery of C&D materials to PFRF at Tuen Mun Area 38 by barge

全主 木 工 程 拓 展 署 CEDD Civil Engineering and Development Department

Web site	網址	:	http://www.cedd.gov.hk	
E-mail	電子郵件	;	stevelo@codd.gov.hk	
Telephone	電話	;	(852) 2762 5581	
Facsimile	俗與	;	(852) 2714 0113	
Our ref	本審檔號	:	FM PF/GEN/23	
Your ref	來函檔號	:	CW/390/C1/S/05-334	

土木工程處 Civil Engineering Office

香港九龍公主道 101 號 土木工程拓展署大樓

Civil Engineering and Development Building, 101 Princess Margaret Road, Kowloon, Hong Kong

By Fax (2744 6937) & Post

12 May 2006

Chun Wo Construction & Engineering Co., Ltd. C2, 5/F, Hong Kong Spinners Industrial Building, 601-603 Tai Nan West Street, Cheung Sha Wan Kowloon (Attn.; Mr Simon Wong)

Dear Sirs,

Waste Disposal (Charges for Disposal of Construction Waste) Regulation Application for Vessel Disposal Billing Account No. 5005407 <u>Application No.: CEDD00087</u>

I am pleased to inform you that your application for vessels to be used for delivering inert construction waste under the following construction works contract has been approved under Section 12 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation:

Contract No.:	HY/2005/06
Contract Name:	Castle Peak Road Improvement - West of Tsing Lung Tau

The approval is valid until <u>15 August 2006</u>. The public fill reception facility at <u>Tuen Mun Area 38</u> is designated to receive inert construction waste of maximum quantity of <u>20,000 tonnes</u> generated from the construction work undertaken under the contract as stated above by vessels.

The receipt of inert construction waste by vessels will be subject to the availability of berthing space at the designated facility and will be on first-come-first-serve basis. Please liaise with the Engineer's Representative of the public fill reception facility at Tuen Mun Area 38, Mr Thomas Wong, at tel: 2762 5609 for the material delivery logistics.

興土木 利民生 齊拓展 創明天

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You are bound by the "Basic Conditions" and "Conditions of Use" for vessel disposal accompanied with this application, and the attached "Special Conditions of Use" for delivering inert construction waste to the public fill reception facility.

Your application for issuance of vessel chits is being processed, and <u>20 chits</u> are being prepared. A separate notification letter will be sent to you by the Environmental Protection Department accordingly. Please note that one vessel chit is required for each barge load of inert construction waste to be disposed of at the designated public fill reception facility.

Yours faithfully,

(Steve LO) for Chief Engineer/ Fill Management Civil Engineering and Development Department

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<u>c.c.(w/encl.)</u> DEP CE/MW2-1, HyD Meinhardt Halcrow JV Meinhardt Halcrow JV

 (Attn.: Ms Jenny Lui/ Mr Tom Lai)
 Fax: 2872 0509

 (Attn.: Mr Fred C L Au)
 2714 5289

 (Attn.: Mr Simon Illingworth)
 2559 1613

 (Attn.: Mr Jeff Yu)
 2492 6201

興土木 利民生 齊拓展 創明天

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Special Approval Conditions of Use for Vessel Disposal

Application No.	CEDD00087					
Billing Account No.	5005407					
Name of Applicant	Chun Wo Construction & Engineering Co., Ltd.					
Contract No.	HY/2005/06					
Contact Name	Castle Peak Road Improvement – West of Tsing Lung Tau					
Total Quantity of Inert	20,000 tonnes					
Construction Waste to be disposed of by Vessels						
Period of using Vessels for Disposal	up to 15 August 2006					
Designated Public Fill Reception Facility	Tuen Mun Area 38					
Frequency of Disposal by	Subject to the availability of berthing space at the					
Vessels	public fill reception facility at Tuen Mun Area 38					
Material Acceptance	Size less than 250	1353				
Criteria for Inert		1. A.S. 1.				
Construction Waste						
Particulars of Approved	Vessel Type	Vessel Licence	Maximum Load			
Vessels to be used for		No.	(tonnes)			
Disposal	Steel Lighter:					
	Shun Tat 22	21696V	2371.9			



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