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) June 2006

Second Issue

Chun Wo Construction & Engineering Co Ltd

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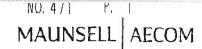
July 2006

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

Job number 24583

Ove Arup & Partners Hong Kong Ltd

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Meinhardt Halcrow JV 4/F., Wah Ming Centre, 421 Queen's Road West, Hong Kong

Attn : Mr. Jeff S K Yu

12 July 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) – June 2006

We refer to the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) – June 2006 received via emails on 12 July 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 July 2006, the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) – June 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 MHJŲ Arup -

Mr. Simon Illingworth Mr. Sam Tsoi / Mr. Fredrick Leong (Fax: 2559 1613) (Fax: 2268 3950)

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Executive Summary

This is the fourth monthly environmental monitoring and audit (EM&A) report presenting the progress of environmental monitoring and audit works for the reporting period between 1 June 2006 and 30 June 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 position were 5.48 mg/L at WWFCZ1 on 28 June 2006 and 5.46 mg/L at WWFCZ2 on 16 June 2006 respectively. There were no exceedance of DO level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest depth-averaged Tby level was 22.1 Nephelometric Turbidity Unit (NTU) at WWA3 on 9 June 2006. There were 1 exceedance of Action Level and 4 exceedances of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest SS level was 25.8 mg/L at WWA3 on 9 June 2006. There were 4 exceedances of Baseline Check Criteria and 1 exceedance of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report

Summary of Mid-Flood Tide

The lowest DO levels for surface & middle and bottom positions were 5.53 mg/L at WWFCZ1 on 28 June 2006 and 5.33 mg/L at WWA2 on 19 June 2006 respectively. There was no exceedance of DO levels during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest depth-averaged Tby level was 11.9 NTU at WWA3 on 9 June 2006. There were 1 exceedance of Baseline Check Criteria and 1 exceedance of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest SS level was 22.5 mg/L at WWA3 on 9 June 2006. There was 1 exceedance of Action Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

Environmental Auditing

A total of 5 environmental site audits were conducted on a weekly basis in June 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 on exposed slopes and excavated materials;

Water quality: Frequent clearing of mud trails and stagnant water; provision of treatment of site runoff before discharging

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 16 tonnes of Construction & Demolition (C&D) waste and a total of 2,866 tonnes of C&D materials (206 tonnes by truck and 2,660 tonnes by barge) were disposed of at WENT Landfill and Public Filling Reception Facility at Tuen Mun Area 38 respectively in June2006. 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 Tby and SS levels for marine water quality in June 2006 when compared with A/L Levels and baseline check criteria.

The exceedances of Tby level at WWA1 on 3 June and SS level at WWA3 on 5 June were only marginal to the Baseline Check Criteria at these two monitoring locations. In addition, there were no exceedances of SS level on 3 June and Tby level on 5 June at all monitoring locations. Hence, the exceedances were unlikely due to the construction works of the Project.

Heavy rain was observed during monitoring period on 9 and 12 June 2006. Soil and dirt were washed down from shore to the sea. The exceedances of Tby and SS levels recorded at WWA2 and WWA3 on 9 and 12 June 2006 were unlikely caused by the construction of reclamation in the vicinity of Seawall B, but still related to the Project.

The exceedances of Tby and SS levels recorded at WWFCZ1 and WWFCZ2 on 14, 19 and 21 June 2006 were also unlikely due to construction activities of the Project as no muddy water and abnormal activities which would likely cause deterioration of water quality were observed at monitoring stations by ET's field staff. In addition, the exceednaces contributed by the nearby monitoring stations would be unlikely due to their normal Tby or SS levels.

Notification of Summons and Successful Prosecution

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

Environmental Licences

Two Construction Noise Permits were granted to the CT during the reporting period.

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 commerced 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).

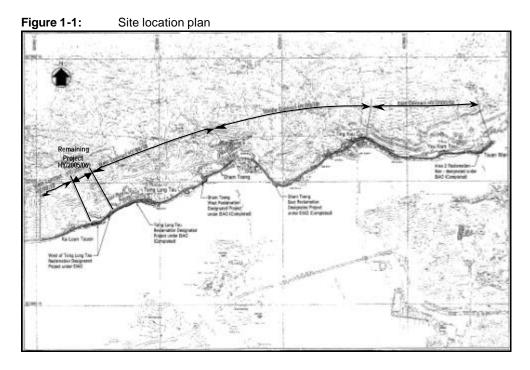
Prior to inviting tenders for Contract No. HY/99/18, a section of the proposed works, between Ch.1+800 and Ch2+240, west of Tsing Lung Tau, was excised from the Project and entrusted to the Route 10 – North Lantau to Yuen Long Highway project. This 440m long section of CPR was located under the proposed 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.

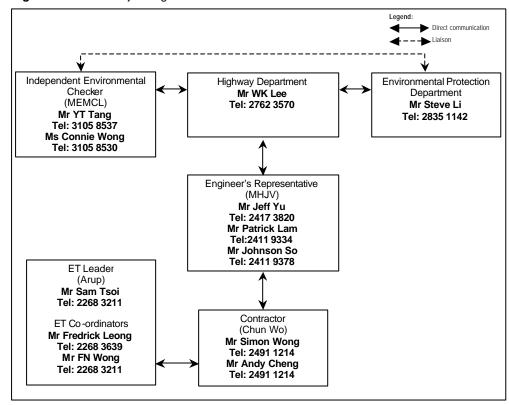


Figure 1-2: Project organisation chart

G\ENV\PROJECT\24583\REPORTS\MONTHLY\2006-06\RECLAMATION Page 2 WORKS\09-JUNE-06 (RECLAMATION)-REVA.DOC 24583-09 The Project Proponent is Highway Department; the Engineer's Representative (ER) is Meinhardt 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 Ove Arup & Partners Hong Kong Ltd (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) ad 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 fourth 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 June 2006 to 30 June 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 June 2006 included:

- Placing armour rock and construction of lower RC retaining wall at Seawall A; and
- Construction of RC retaining wall at Seawall B.

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 June 2006 and the tentative schedule for July 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 Aweighted 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 for nd)	Pal ameters	Mor toring Fre uency	No. of Measu ements for Each Moi itoring
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	L _{eq(5 min)} *	week	3 (consecutive)
Between 0700-1900 hours on holidays			

Table 3-1: Construction nois	e monitoring parameters and frequency
------------------------------	---------------------------------------

The L equ5 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.

Table 3-2:	Construction noise monitoring locations
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Noise Monitoring Station No.	Location	Monitoring Pc int	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.

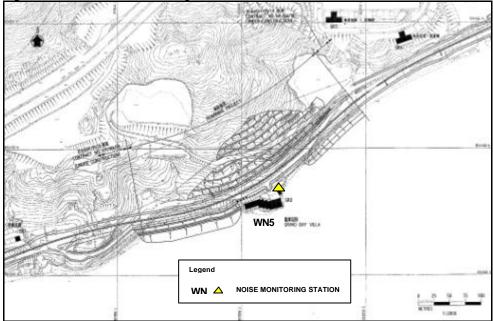


Figure 3-1:Noise monitoring station

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 3-3** and shown in **Figure 3-2**.

Marine Water Quality Monitoring Location No.		Location		
		Easti igs	Nort ings	
West of Grand Bay Villa	WWA1 (Impact Location)	821981	824282	
	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	
	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	

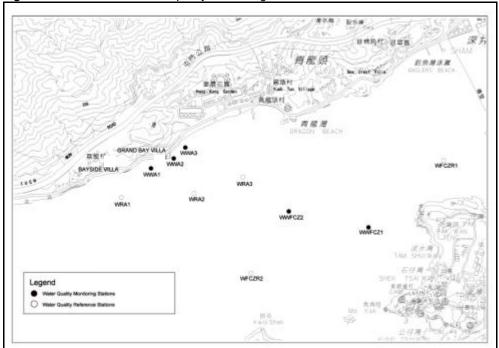


Figure 3-2: Marine water quality monitoring locations

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**.

Time Period	Action Level	Limit Leve
0700 - 1900 hours on any day not being a Sunday or public holiday	When one documented complaint is received	75dB(A)

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	Action Action Plan for construction noise Action					
Event	ET Lea er	IEC	ER	СТ		
3. 4.	 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. 		
Limit Level 1. 2. 3. 4. 5. 6. 7. 8.	 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. 	 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 3-6**. 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 summaised 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 3-7). 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	
	SS (mg/L)	25.3	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	
	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)		24.3	23.5	23.6	22.3	23.5	24.4	25.8	27.4	28.0	

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		
	i diameters	WWA1	WWA2	WWA3	WWFCZ1	WWFCZ2
			Mid-	ebb		
DO	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	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

Event		· · · · ·		Action				
		ET Leader		IEC		ER		СТ
Action Level	_				_			
Action level being exceeded by one sampling day	1. 2. 3. 4. 5. 6.	Repeat in-situ measurement to confirm findings. Identify source(s) of impact. Inform the IEC and the CT. Check monitoring data, all plant, equipment and the CT's working methods. Discuss mitigation measures with the IEC and the CT. Repeat measurement on next day of exceedance.	1. 2. 3.	Discuss with the ET Leader and the CT on the mitigation measures. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. Assess the effectiveness of the implemented mitigation measures.	1. 2.	Discuss with the IEC on the proposed mitigation measures. Make agreement on the mitigation measures to be implemented.	1. 2. 3. 4. 5.	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 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	1. 2. 3. 4. 5. 6. 7. 8.	Repeat in-situ measurement to confirm findings. Identify source(s) of impact. Inform the IEC and the CT. Check monitoring data, all plant, equipment and the CT's working methods. Discuss mitigation measures with the IEC and the CT. Ensure mitigation measures are implemented. Prepare to increase the monitoring frequency to daily. Repeat measurement on next day of exceedance.	1. 2. 3.	Discuss with the ET Leader and the CT on the mitigation measures. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. Assess the effectiveness of the implemented mitigation measures.	1. 2. 3.	Discuss with IEC on the proposed mitigation measures. Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented mitigation measures.	1. 2. 3. 4. 5. 6.	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 and the IEC and propose mitigation measures to the IEC and the ER within 3 working days. Implement the agreed mitigation measures.
Limit Level								
Limit level being exceeded by one sampling day	1. 2. 3. 4. 5. 6. 7.	Repeat in-situ measurement to confirm 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 are implemented. Increase the monitoring frequency to daily until no exceedance of the Limit Level. Repeat in-situ measurement to confirm	1. 2. 3.	Discuss with the ET Leader and the CT on the mitigation measures. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. Assess the effectiveness of the implemented mitigation measures.	1. 2. 3. 4.	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	1. 2. 3. 4. 5. 6.	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.
exceeded by more than one consecutive days	1. 2. 3. 4. 5. 6. 7.	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 are implemented. Increase the monitoring frequency to daily until no exceedance of the Limit Level for two consecutive days.	1. 2. 3.	bisods with the ET Leader and the CT on the mitigation measures. Review proposals on mitigation measures submitted by the CT and advised the ER accordingly. Assess the effectiveness of the implemented mitigation measures.	1. 2. 3. 4. 5.	Discuss with EC, the ET Leader and the Cr 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. 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.	1. 2. 3. 4. 5. 6. 7.	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.

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

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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**

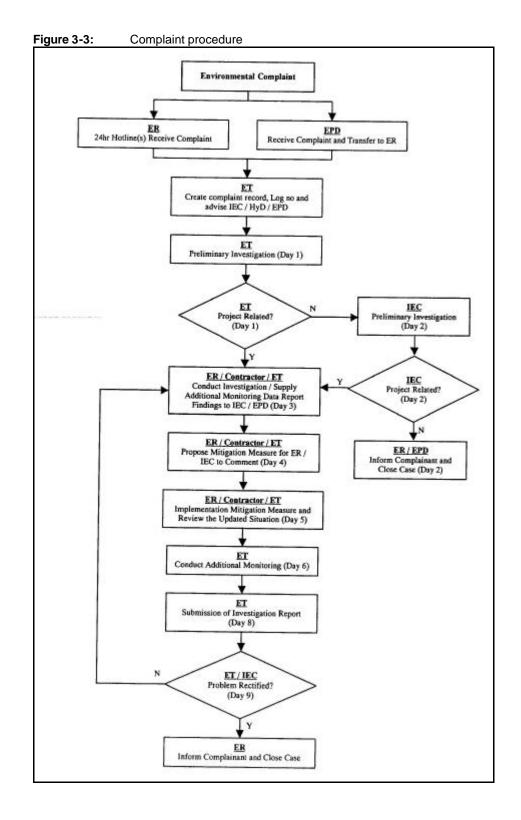
In accordance with the EM&A Manual, environmental complaints will be referred to the ET for initiation of the complaint investigation procedures. The ET will undertake the following procedures upon receipt of complaints:

- 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 followup 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.



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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		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, noisemonitoring 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 Aweighted 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}), L_{10} and L_{90} 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 stuation. 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**.

Equipment	Manufacturer & Model I o.	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 Tby 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.

Location of the Monitoring Site 5.2.5

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.

Summary of Results 5.3.2

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 position were 5.48 mg/L at WWFCZ1 on 28 June 2006 and 5.46 mg/L at WWFCZ2 on 16 June 2006 respectively. There were no exceedance of DO level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest depth-averaged Tby level was 22.1 Nephelometric Turbidity Unit (NTU) at WWA3 on 9 June 2006. There were 1 exceedance of Action Level and 4 exceedances of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

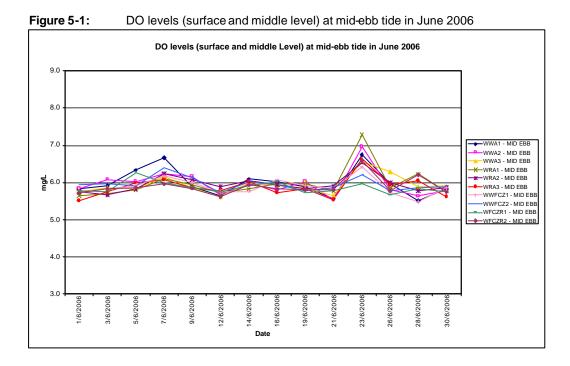
The highest SS level was 25.8 mg/L at WWA3 on 9 June 2006. There were 4 exceedances of Baseline Check Criteria and 1 exceedance of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

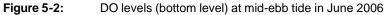
Summary of Mid-Flood Tide

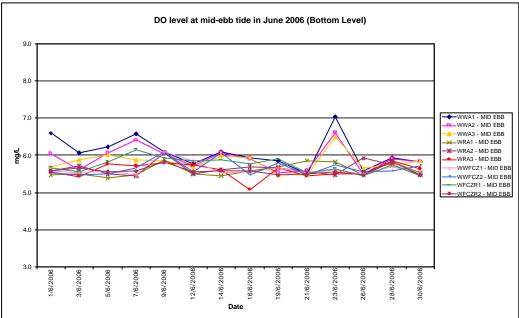
The lowest DO levels for surface & middle and bottom positions were 5.53 mg/L at WWFCZ1 on 28 June 2006 and 5.33 mg/L at WWA2 on 19 June 2006 respectively. There was no exceedance of DO levels during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest depth-averaged Tby level was 11.9 NTU at WWA3 on 9 June 2006. There were 1 exceedance of Baseline Check Criteria and 1 exceedance of Limit Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

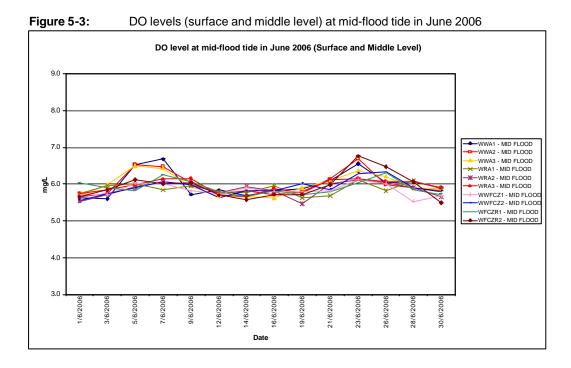
The highest SS level was 22.5 mg/L at WWA3 on 9 June 2006. There was 1 exceedance of Action Level during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

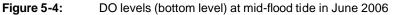


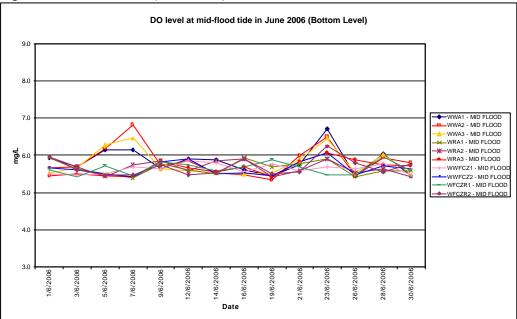




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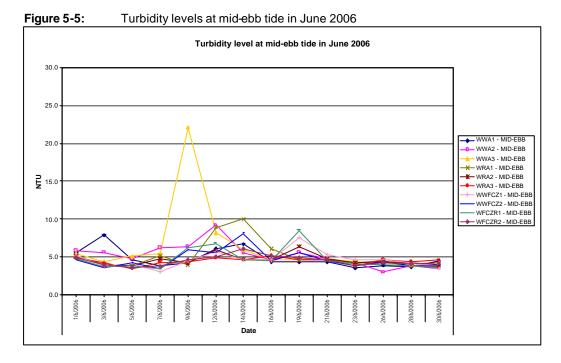


Figure 5-6: Turbidity levels at mid-flood tide in June 2006

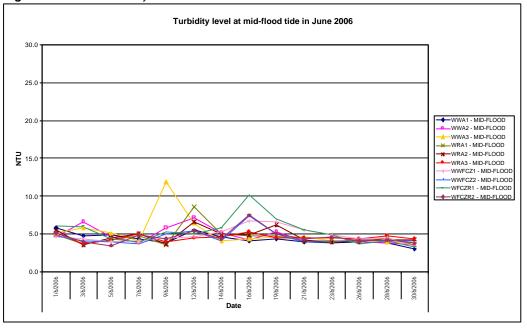


Figure 5-7: SS levels at mid-ebb tide in June 2006

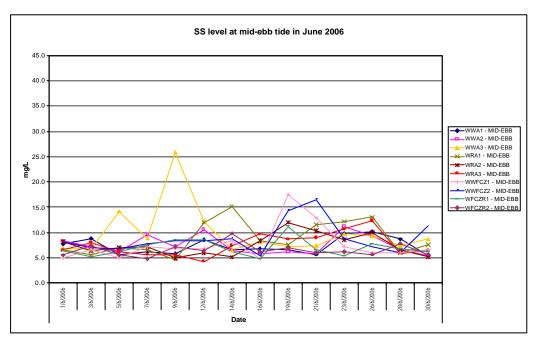
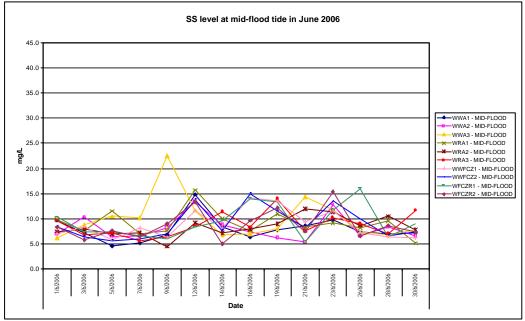


Figure 5-8: SS levels at mid-flood tide in June 2006



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

6.1 Site Audit Findings

Five weekly environmental site audits were carried out on 1, 8, 16, 22 and 29 June 2006. The findings of the site audits are summarised in **Table 6-1**.

I ate of Issu 3 Raised	Observation	Advice from I A	CT's R∉ ponse / Enviro mental Outc mes	Closing Date
01 June 2006 (WTLT 019)	1. Stagnant water was observed within the site.			8 June 2006
	 Three oil drums were observed without drip trays near to wheel washing facility. 	CT was reminded to provide drip trays to oil drums.	Agreed with the ET's advice.	
	3. Muddy water was observed discharging to the sea from an outfall near to Seawall B.	CT was reminded to provide treatment of site runoff prior to discharging or improve the effectiveness of treatment process.	ET's advice.	
	4. Driptray was observed full of waste oil at bore piling site.	CT was reminded to cover the driptray during rainy days or store the oil drum in chemical storage area.		
8 June 2006 (WTLT 020)	1. Unpaved area and excavated materials were observed at Carpark.	CT was reminded to provide dust suppression and water quality measures.	Agreed with the ET's advice.	16 June 2006
	2. Two oil drums were observed without driptrays near bore piling site.	CT was reminded to provide driptrays to oil drums.	Agreed with the ET's advice.	
	3. Tree branches were observed at the exit of the bore piling site.	CT was reminded to clear the tree braches.	Agreed with the ET's advice.	
16 June 2006 (WTLT 021)	1. Excavated materials and exposed areas were observed within the site.	CT was reminded to provide dust suppression and water quality measures.	Agreed with the ET's advice.	22 June 2006
	2. Breaking works without spraying of water was observed on Slope A.	CT was reminded to provide dust suppression measures.	Agreed with the ET's advice.	
	3. Silt curtain at Seawall A was disconnected during site inspection.	CT was reminded to reinstate the silt curtain before commencement of marine works.	Agreed with the ET's advice.	

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

l ate of Issu ∋ Raised	Observation	Advice from I A	CT's Re ponse / Enviro mental Outc mes	Closing Date
	4. Silt was observed accumulated in the desilting facility within the wheel washing facility on Slope A	CT was reminded to conduct regular clearing of the silt.	Agreed with the ET's advice.	
	5. Muddy water was observed discharging to the sea from an outfall near to Seawall B.	CT was reminded to provide treatment of site runoff prior to discharging or improve the effectiveness of treatment process.	ET's advice.	
	6. Rubbish was observed near Seawall A.	CT was reminded to conduct regular clearing of waste.	Agreed with the ET's advice.	
	7. Oil stain was observed on the ground of the bore piling site.	CT was reminded to clear the oil stain.	Agreed with the ET's advice.	
	8. Oil drums were observed without driptrays within Slope A.	CT was reminded to provide driptrays to oil drum.	Agreed with the ET's advice.	
22 June 2006 (WTLT 022)	 Muddy water was observed at the gap of the silt curtain of Seawall A. 	CT was reminded to repair the silt curtain before commencement of marine works.	Agreed with the ET's advice.	29 June 2006
	2. Mud trails were observed on Castle Peak Road near Slop E.	CT was reminded to clear the mud trails.	Agreed with the ET's advice.	
	3. Muddy water was observed at wheel washing facility at Slope E.	CT was reminded to improve the efficiency of the facility.	Agreed with the ET's advice.	
	 Waste collection bin was observed broken and full of waste. 	CT was reminded to replace of the rubbish bin and clear the waste.	Agreed with the ET's advice.	
	5. Watering was not observed for slope stabilisation (soil nail)	CT was reminded to provide watering frequently.	Agreed with the ET's advice.	
29 June 2006 (WTLT 023)	1. Stagnant water was observed within the site.	CT was reminded to clear the stagnant water to prevent mosquito breeding.	Agreed with the ET's advice.	6 July 2006
	 Silt curtain at Seawall A was disconnected. 	CT was reminded to reinstate the silt curtain before commencement of marine works.	Agreed with the ET's advice.	
	3. Muddy water was observed discharging from outfall near Seawall A.	CT was reminded to provide treatment of site runoff prior to discharging or improve the effectiveness of treatment process.	ET's advice.	

	I ate of Issu ∋ Raised	Observation	Advice from I A	CT's R∉ ponse / Enviro mental Outc mes	Closing Date
		 Muddy water was observed near Seawall B that was suspected due to the damage of silt curtain. 		Agreed with the ET's advice.	
	6. Muddy water was observed discharging to a public t drainage system at bore piling site.		CT was reminded to clear the waste frequently,	Agreed with the ET's advice.	
			treatment of site runoff prior to	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 dispo	sal quantit	y in June 2006
------------	-------------	-------------	----------------

Type of waste or miterial		Disposal at	No. of loads or quanti es
C&D waste		WENT Landfill	16 tonnes
C&D material	By truck	Public Filling Reception Facility in	206 tonnes
	By barge	Tuen Mun Area 38	2,660 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 email. 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 June 2006 is attached in Appendix E

6.3 **Complaint Record**

There was no environmental complaint received in June 2006.

Exceedance 6.4

There were exceedances of Tby and SS levels for marine water quality in June 2006 when compared with A/L Levels and baseline check criteria. These exceedances are summarised in Table 6.3.

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Table 6-3:

Summary of exceedances of marine water quality monitoring in June 2006

	Tide	Location	Exceedances of monitoring data						
Date			Tby (mg/L)			SS (mg/L)			
			Control Station	Impact Station	Exceedance of	Control Station	Impact Station	Exceedance of	
3 Jun	mid-ebb	WWA1	4.0	7.9	Limit Level	-	-	-	
5 Jun	mid-ebb	WWA3	-	-	-	6.2	14.2	Baseline check	
9 Jun	mid-ebb	WWA3	4.4	22.1	Limit Level	5.5	25.8	Limit Level	
9 Jun	mid-flood	WWA3	4.0	11.9	Limit Level	6.3	22.5	Action Level	
12 Jun	mid-ebb	WWA2	5.9	9.2	Limit Level	-	-	-	
12 Jun	mid-ebb	WWA3	4.9	8.2	Action Level	-	-	-	
12 Jun	mid-flood	WWA2	6.6	7.2	Baseline Check	-	-	-	
14 Jun	mid-ebb	WWFCZ2	6.1	8.1	Limit Level	-	-	-	
19 Jun	mid-ebb	WWFCZ1	-	-	-	11.2	17.5	Baseline Check	
19 Jun	mid-ebb	WWFCZ2	-	-	-	7.0	14.3	Baseline Check	
21 Jun	mid-ebb	WWFCZ2	-	-	-	6.0	16.5	Baseline Check	

No muddy water and abnormal activities which would likely cause deterioration of water quality were observed on 3 and 5 June 2006 by ET's field staff. The exceedances of Tby level at WWA1 on 3 June and SS level at WWA3 on 5 June were only marginal to the Baseline Check Criteria at these two monitoring locations. In addition, there were no exceedances of SS level on 3 June and Tby level on 5 June at al monitoring locations. Hence, the exceedances were 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.

On 9 June 2006, it rained heavily and Black Rainstorm Warning was issued. Soil and dirt were washed down from shore to the sea. The exceedances of Tby and SS at WWA3 were unlikely caused by the construction of reclamation in the vicinity of Seawall B, but still related to the Project. The Contractor has been advised to check the integrity and normal functioning of the construction methods and mitigation measures especially the silt curtains. In addition, the Contractor was reminded to maintain regular clearance of perimeter channels at site boundaries to intercept stormwater entering the site and implement appropriate mitigation measures to minimize run-off of muddy site effluent into storm drains.

Similarly, heavy rain was observed occasionally on 12 June 2006. Soil and dirt were washed down from shore to the sea. The exceedances of Tby at WWA2 and WWA3 were unlikely caused by the construction of reclamation in the vicinity of Seawall B, but still related to the Project.

The exceedances of Tby and SS levels recorded at WWFCZ1 and WWFCZ2 on 14, 19 and 21 June 2006 were also unlikely due to construction activities of the Project as no muddy water and abnormal activities which would likely cause deterioration of water quality were observed at monitoring stations by ET's field staff. In addition, the exceednaces contributed by the nearby monitoring stations would be unlikely due to their normal Tby or SS levels.

Notification of Summons and Successful Prosecution 6.5

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

6.6 **Environmental Licenses**

A summary of the valid environmental licenses is given in Table 6-4. Two Construction Noise Permits (CNP) were granted in June 2006 and are attached in Appendix F.

Type of Licence	Referenc No.	Vali from	Valid to
Environmental Permit	EP-219/2005	20 Jun 2005	Not applicable
Registration of Chemical Waste Producer	5111-336-C2869-49	16 Feb 2006	Not applicable
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
Construction Noise Permit	GW-RW0326-06	9 June 2006	8 December 2006
Construction Noise Permit	GW-RW0349-06	23 June 2006	22 December 2006

Table 6-4: Summary of valid environmental licences in June 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 continued to deliver dredged materials by barge and vehicles to PFRF at Tuen Mun Area 38 during the reporting period.

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

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Appendix B Monitoring schedule for June and July 2006

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Ove Arup Partners Hong Kong Ltd

Environmental Monitoring and Audit Schedule - June 2006

MW denotes Marine Water Quality monitoring L&V denotes Landscape and Visual audit and monitoring Note 1: L30 denotes L_{eqt30 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 monitori

			Jun-2006			
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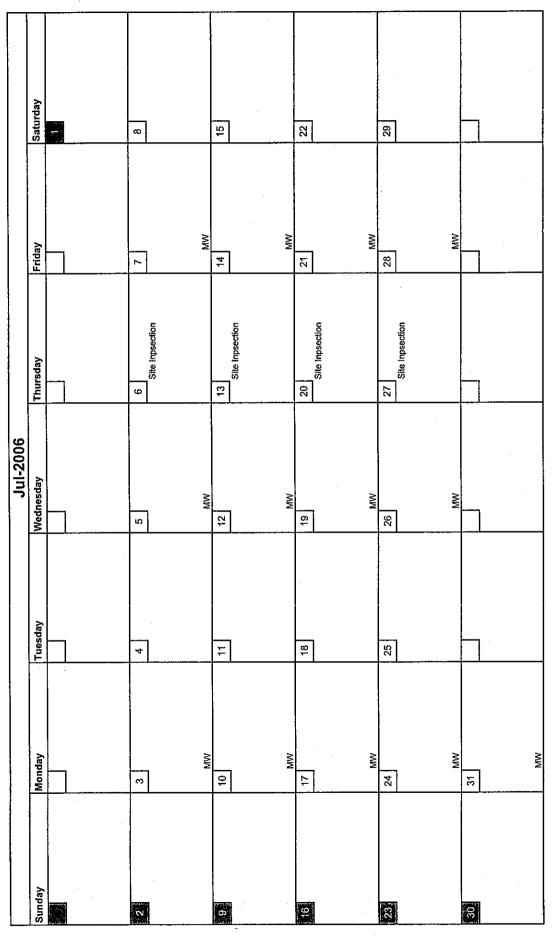
Ove Arup Partners Hong Kong Ltd

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

Tentative Environmental Monitoring and Audit Schedule - July 2006

- Note 1:
- L30 denotes L_{eq(30 min)} monitoring TSP denotes Total Suspended Particulate monitoring Note 2:
- MV denotes marine water monitoring L&V denotes Landscape and Visual audit and monitoring Note 3:
 - Note 4:



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Appendix C Calibration certificates of marine water monitoring equipment



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 000072 Page No. : 1 of 5 Issue Date : 20/02/2006

Received Date	: 16/02/2006	Completion Date	: 18/02/2006
Approved Signatory	y : Grace Ting		
Remarks	:		

Calibration Results:

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

Serial No. 02D1076 AB :

Calibration Method : APHA 18e 2520 A & B

Date of Calibration : 16/02/2006

Results:

Salinity

香港總部

Expected Reading	Recorded Reading
(ppt)	(ppt)
0	0
7.4	7.3
15	14.4
35	33.8
39.3	37.7

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



Environmental Management Division

CALIBRATION REPORT

Client : OVE ARUP & PARTNERS H.K. LTD. Address : Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong, Kowloon.

: 16/02/2006

Report No.	: CR 000072
Page No.	: 2 of 5
Issue Date	: 20/02/2006

Completion Date : 18/02/2006

Calibration Results:

Approved Signatory : Grace Ting

Received Date

Remarks

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

Serial No. : 02D1076 AB

Calibration Method : In house method

Date of Calibration : 17/02/2006

Results:

Temperature

Expected Reading	Recorded Reading
(°C)	(°C)
10.0	9.5
20.0	19.8
30.0	29.5
40.0	39.5

Approval Signatory:

Hong Kong Head Office 香港總部 TST P.O. Box 99027 Hong Kong ● HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong Tel: (852) 2788 5678 ● Fax: (852) 2788 5900 ● Telex: 32842 HKPC HX 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

CALIBRATION REPORT

Client : OVE ARUP & PARTNERS H.K. LTD. Address : Level 5 Festival Walk, 80 Tat Chee Avenue, Kowloon Tong, Kowloon. Report No.: CPage No.: 3Issue Date: 2

: CR 000072 : 3 of 5 : 20/02/2006

Received Date	: 16/02/2006	Completion Date	: 18/02/2006
Approved Signatory	: Grace Ting	•	
Remarks	:		

Calibration Results:

Dissolved Oxygen		
Results: :	:	
Date of Calibration :	:	16/02/2006
Calibration Method :	:	APHA 18e 4500-O A, B, C & D
Serial No. :	:	99G0526
Item :	:	YSI Model 85 Handheld Salinity, Conductivity & Temperature Instrument

Expected Reading	Recorded Reading
(mg/L)	(mg/L)
2.90	3.10
5.00	5.14
6.70	6.88
7.70	7.90
8.60	8.74

Approval Signatory:

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



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 000072
Page No.	: 4 of 5
Issue Date	: 20/02/2006

Completion Date : 18/0

: 18/02/2006

Received Date : 16/02/2006 Approved Signatory : Grace Ting Remarks :

Calibration Results:

Item	:	HACH 2100P Turbidimeter
Serial No.	:	011100024354
Calibration Method	:	APHA 18e 2130 B
Date of Calibration	:	16/02/2006
Results:	:	

Turbidity

Expected Reading (NTU)	Recorded Reading (NTU)
0	0
2	2.18
4	4.38
16	16.8
40	41.3
80	83.4

Approval Signatory:

Hong Kong Head Office 香港總部

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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. :5 of 5 Issue Date

: CR 000072 : 20/02/2006

Received Date	: 16/02/2006	Completion Date	: 18/02/2006
Approved Signatory	: Grace Ting		
Remarks	:		

Calibration Results:

Item	:	HANNA instrument HI 98128 membrane pH meter
Serial No.	:	1377140
Calibration Method	:	In house method
Date of Calibration	:	17/02/2006
Results:	:	

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香港總部

Expected Reading	Recorded Reading
(pH unit)	(pH unit)
4	4.50
7	7.65
10	10.75

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

Appendix D Marine water quality monitoring results

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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 - June

						Water	Temp.			Average				Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	7id e	Sampling Date	Time	depth, m	<u>°C</u>	DO,	_	value	· · · · ·	aturation	pH, Unit	ppt	N		Value	mg/L	Value
	WWA1	S	MID-EBB	1-Jun-06			26.3	5.58	5.59		82.1	81.7	8.2	14.3	5.5	5.7		8.5	
2	WWA1	M	MID-EBB	1-Jun-06	15:53	9 .70	26.2	6.05	6.07	5.82	81,1	80,9	8.2	14.B	5.B	5.4		8.0	
3	WWA1	В	MID-EBB	1-Jun-06			26.1	6.62	6.55	6.59	92.3	90.3	8.2	15.4	5.4	6.0	5.6	6.5	7.7
4	WWA2	S	MID-EBB	1-Jun-06			26.4	5.75	5.65		86.9	B4.3	8.2	15.0	4.7	5.1		5.3	
5	WWA2	М	MID-EBB	1-Jun-06	15:42	7.60	26.3	6.03	5.90	5.83	89.3	87.0	8.1	15,5	6.8	6,4		11.0	
6	WWA2	В	MID-EBB	1-Jun-06			26.2	6.02	6.05	6.04	90.5	88.0	8.2	15.8	5.7	6.0	5,8	8.5	8.3
7	WWA3	S	MID-EBB	1-Jun-06			26.7	6,96	5,83		88,2	86.1	8.1	16.1	5.5	5.5		7.5	
8	WWA3	м	MID-EBB	1-Jun-06	15:30	8.00	26.2	5.62	5.57	5.75	85.0	84.6	8.1	16.6	6,0	6,1		4.5	
9	WWA3	в	MID-EBB	1-Jun-06			26.0	5.75	5.65	5.70	89.5	B6.9	8.1	20.0	4.9	4.6	5.4	8.5	6.8
10	WRA1	S	MID-EBB	1-Jun-06			26.3	5.75	5,66		82.8	B1.4	8.2	13.6	5.7	5.7		7.0	
11	WRA1	м	MID-EBB	1-Jun-06	16;10	26,50	26.1	5.53	5.60	5.64	83.2	81.3	8.2	17.2	5.4	5.6	1	7.0	i
12	WRA1	В	MID-EBB	1-Jun-06			26.0	5.45	5.51	5,48	B3.4	81.3	8.2	22.2	4.5	4,4	5.2	5.5	6.5
13	WRA2	s	MID-E88	1-Jun-06			26.4	6.02	5.92		91.7	87.3	8.1	13.9	6.1	5.9		8.0	
14	WRA2	м	MID-EBB	1-Jun-06	16:24	29.60	26.0	5.57	5.49	5.75	88.6	B4.9	8.1	21.4	4.1	4.1	1	7.5	
15	WRA2	В	MID-EBB	1-Jun-06			25.7	5.60	5.55	5.58	85.6	84.1	8.1	28.6	5.2	4.7	5.0	9,0	8.2
16	WRA3	S	MID-EBB	1-Jun-06			26.4	5.53	5.60		86.6	B5.0	8.1	13.7	5.2	5.4		6.5	
17	WRA3	M	MID-EBB	1-Jun-06	16:38	26.00	25.9	5.44	5.48	5.51	86.5	84.2	8.1	24.2	4.0	4.2	1	6.5	
18	WRA3	в	MID-EBB	1-Jun-06			25.7	5.62	5.50	5.56	86.5	63.5	8.2	28.3	5.1	5.4	4.9	6.5	6.5
19	WWFCZ1	S	MID-EBB	1-Jun-06			26.6	5.68	5.66		84.6	86.6	8.1	12.8	5.3	5.6		5.5	
20	WWFCZ1	м	MID-EBB	1-Jun-06	17:07	38.80	26.2	5.81	5.74	5.72	82.9	84.0	8.1	24.3	5.4	5.5	1	5.5	
21	WWFCZ1	B	MID-EBB	1-Jun-06			25.8	5.61	5.53	5.57	85.8	85.3	8.1	27.3	4.2	4.6	5.1	4.0	5.0
22	WWFCZ2	s	MID-EBB	1-Jun-06			26.6	5.97	5.89		83.2	81.8	6.2	12.7	5.7	5.5	1	8.0	
23	WWFCZ2	м	MID-EBB	1-Jun-06	17:19	32,00	26.5	5.93	5.95	5.94	81.0	80.5	8.2	19.8	3.8	3.8	1	9,5	i
24	WWFCZ2	B	MID-EBB	1-Jun-06			26.0	5.52	5.51	5.52	81.6	80.1	8.2	21.9	4.5	4.4	4.6	7.0	8.2
25	WFCZR1	s	MID-EBB	1-Jun-06			26.6	6.17	6.08		91.7	88.7	8.2	12.8	5.3	5.5	1	7.0	[
26	WFCZR1	м	MID-EBB	1-Jun-06	17:30	47.20	26.2	6.43	5,41	5.77	90,3	86,6	B.2	19.3	4.9	4.9	1	6.0	
27	WFCZR1	B	MID-EBB	1-Jun-06			23.1	5.71	5.63	5.67	89.2	86.2	8.2	23.6	4.2	4.0	4.8	6.0	6.3
28	WFCZR2	s	MID-EBB	1-Jun-06			26.5	5.62	5.58		89.2	85.6	8.1	12.5	5.0	5.5		4,5	
29	WFCZR2	м	MID-EBB	1-Jun-06	16:55	39.40	25.8	5.89	5.73	5.71	84.5	83.9	8.1	28.4	3.9	3,9	1	8.0	
30	WFCZR2	в	MID-EBB	1-Jun-06			25.7	5.60	5.55	5.58	B4.4	B1.2	8.1	28.9	5.2	5.6	4.9	4.0	5.5
31	WWA1	S	MID-FLOOD	1-Jun-06			26.3	5.73	5.70		86.2	84.2	8.2	13.1	5.4	5.4		12.5	

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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	Temp.			Average				Salinity,	Turb			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	rυ	Value	_ mg/L	Value
32	WWA1	M	MID-FLOOD	1-Jun-06	10:32	18.40	26.1	5,56	5,50	5.62	84.4	82.1	8.2	18.0	6.3	5.8		8.5	
33	WWA1	В	MID-FLOOD	1-Jun-06			26.1	5.95	5.88	5.92	86.2	85.2	8.2	16.8	6.0	5.7	5,8	8.0	9.7
34	WWA2	s	MID-FLOOD	1-Jun-06			26.3	5.80	5.70		88,0	84.6	8.1	13.2	5.3	5.4		6.0	
35	WWA2	M	MID-FLOOD	1-Jun-06	10:42	10.80	26.1	5.62	5.56	5.67	86.1	86.4	8.1	18.1	5.1	4.9		8,5	
36	WWA2	в	MID-FLOOD	1-Jun-06			26.0	5.71	5.59	5.65	86.7	84.7	8.1	20,9	3,9	3,8	4.7	6.5	7.0
37	WWA3	S	MID-FLOOD	1-Jun-06			26.3	5.68	5.56		68.0	85.5	8.2	13.2	6.0	6.2		8.0	
38	WWA3	M	MID-FLOOD	1-Jun-06	10:54	8,70	26.0	5.77	5.71	5.68	87.1	64.7	8.2	21.0	4.8	5.2		3.5	
39	WWA3	В	MID-FLOOD	1-Jun-06			25.9	5.58	5.46	5.52	84.9	84.5	8.2	20.7	4.6	4.5	5.2	7.0	6.2
40	WRA1	S	MID-FLOOD	1-Jun-06			26.2	5.89	5.66		84.0	83.0	8.3	13.4	6.2	6.3		10,0	
41	WRA1	м	MID-FLOOD	1-Jun-06	10:20	33.30	25.8	5.74	5.70	5.75	86,0	82.5	8.3	24.2	4.3	4.4		10.5	
42	WRA1	В	MID-FLOOD	1-Jun-06			25.8	5.95	5.93	5.94	86.8	86.0	8.3	24.7	4.1	4.4	4.9	B.8	9.8
43	WRA2	S	MID-FLOOD	1-Jun-06			26.1	5,45	5.40		84.1	81.7	8.1	13.8	5.5	5.4		7.5	
44	WRA2	М	MID-FLOOD	1-Jun-06	10:08	32.10	25.8	5.68	5.60	5.53	67.5	B4.1	8.1	24.5	4.2	5.1		6.0	
45	WRA2	В	MID-FLOOD	1-Jun-06			25.6	6,95	5,99	5,97	88,6	86.B	8.1	30.0	6.4	6.5	5.5	9.0	7.5
46	WRA3	S	MID-FLOOD	1-Jun-06			26.1	6.04	5.93		91.3	88.0	8.2	13.8	5.5	5.8		6.0	
47	WRA3	м	MID-FLOOD	1-Jun-06	9:55	27.30	25.8	5.53	5.49	6.75	67.0	83.B	8.2	26.1	4.6	4.2]	10.0	j
48	WRA3	в	MID-FLOOD	1-Jun-06			25.6	5.39	5.48	5.44	82.7	82.6	8.2	29.9	5.2	5.1	5,1	13.0	9.7
49	WWFCZ1	S	MID-FLOOD	1-Jun-06			26.2	5,81	5.71		67.7	84.7	8.0	13.0	5.7	5.4		6.5	
50	WWFCZ1	М	MID-FLOOD	1-Jun-06	9;13	38,70	25.8	5.66	5.62	5.70	B6.9	85.0	8.0	27.4	4,0	4,2	}	5.5	
51	WWFCZ1	В	MID-FLOOD	1-Jun-06			25.6	5.46	5.54	5.50	85.0	82.1	8.0	29.2	4.8	4.3	4.7	9,0	7.0
52	WWFCZ2	S	MID-FLOOD	1-Jun-06			26.3	5.68	5.62		84.1	81.8	8,2	13.3	4,9	5,1		8.5	
53	WWFCZ2	М	MID-FLOOD	1-Jun-06	9:39	36,10	25.8	5.45	5.50	5.56	92.4	88.0	8.2	26.7	4.4	4.6		10.0	
54	WWFCZ2	в	MID-FLOOD	1-Jun-06			25.7	5.69	5.64	5.67	86.6	85.2	8,2	28.9	5.4	4.5	4.8	7.0	8.5
55	WFCZR1	S	MID-FLOOD	1-Jun-06			26.3	6.35	6.14		80.6	82.3	8.1	15.5	6.0	5.9		8.0	
56	WFCZR1	м	MID-FLOOD	1-Jun-06	9:00	40.00	26.1	5.80	5.82	6.03	81.9	79.9	8,1	20.5	6,4	5,8		11.0	
57	WFCZR1	В	MID-FLOOD	1-Jun-06			25.8	5.60	5.64	5.62	89.8	86.2	8.1	29.3	6.4	6.3	6,1	12.0	10,3
58	WFCZR2	S	MID-FLOOD	t-Jun-06			26.2	5.60	5,59		81,8	80.2	8.1	12.7	6.2	6.5		7.0	
59	WFCZR2	М	MID-FLOOD	1-Jun-06	9:27	43.60	26,0	5.7B	5.76	5.66	86.4	83.2	8.1	22.8	4.3	4.7		9.0	
60	WFCZR2	В	MID-FLOOD	1-Jun-06			25.7	6.00	5.94	5.97	89.5	87.6	8.1	29.5	4.B	4.9	5.2	9.0	8.3

				!		Water	Temp.			Average				Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,		value	DO, % s		pH, Unit	ppt	N	-	Value	mg/l_	Value
61	WWA1	S	MID-EBB	3-Jun-06			26.4	6.09	6.02		94.0	91.6	8.2	14.0	4.9	5.2		3.5	4
62	WWA1	м	MID-EBB	3-Jun-06	17:53	7.00	26.3	5.84	5.67	5.91	92.6	91.0	B.1	16.4	9.8	9.4	_	11.0	4
63	WWA1	В	MID-E68	3-Jun-06			26.3	6.12	6.01	6,07	93.3	90.5	8.1	18.1	6.9	9,4	7.9	12.0	8.8
64	WWA2	S	MID-EBB	3-Jun-06			26.5	6.18	6.10		92.6	89.8	8.1	13.9	4.4	4.7		4,0	4
65	WWA2	M	MID-EBB	3-Jun-06	18:05	10.00	26.4	6,04	5.98	6.08	89.9	88.9	8.1	16.6	7.1	7.3	Į	8.5	-
66	WWA2	В	MID-EBB	3-Jun-06			26.0	5.67	5.53	5.60	93,3	90.4	8.1	25.5	5.1	5.3	5.6	9.0	7.2
67	WWA3	S	MID-EBB	3-Jun-06			26.4	6.04	5.93		88.8	87.B	8.2	14.5	4,2	3.8		5.5	4
68	WWA3	м	MID-EBB	3-Jun-06	18:15	6,40	26.2	5.76	5,71	5.86	88.6	B6.0	8.2	18.7	4.2	4.3		7.5	1
69	WWA3	В	MID-EBB	3-Jun-06			26.2	5.96	5.60	5.68	90.7	87.8	8.2	18.5	5.1	5.1	4.4	7.0	6.7
70	WRA1	S	MID-EBB	3-Jun-06	_		26.3	5.92	5.80		90.7	88.0	8.1	14.0	4.4	4.4		6.0	
71	WRA1	м	MID-EBB	3-Jun-06	17:43	36.90	25.7	5.60	5.49	5.70	89.3	87.3	8.1	30.5	4.6	4.3		4.0	
72	WRA1	В	MID-EBB	3-Jun-06			25.7	5.53	5.46	5,50	91.9	88.2	8.1	29.1	3.2	3.2	4.0	6.5	5.5
73	WRA2	S	MID-EBB	3-Jun-06			26.4	5.88	5.84		94.2	91.9	8.1	14.3	4.0	4.2	[3.3	
74	WRA2	м	MID-EBB	3-Jun-06	17:31	26.40	25.7	5.48	5.43	5.66	92.7	89.2	8,1	29.5	3.9	3.9		6.0	
75	WRA2	В	MID-EBB	3-Jun-06			25.B	5.68	5.76	5.72	92.4	88.6	8.1	12.7	3.9	4.2	4.0	10.0	6.4
76	WRA3	s	MID-EBB	3-Jun-06			26,4	6.03	5.90		94.5	91.7	8.1	15,1	4.3	4.1		9.0]
77	WRA3	M	MID-EBB	3-Jun-06	17:20	28.20	25.7	5.49	5.55	5.74	90.9	87.4	8.1	29.1	4,1	4.1		7.0	
78	WRA3	В	MID-EBB	3-Jun-06			25.7	5.44	5.42	5.43	92.6	89.6	B.1	29.5	4.1	4.6	4.2	8.0	8.0
79	WWFCZ1	S	MID-EBB	3-Jun-06			26.3	6.15	6,05		94.2	90,8	8.3	14.2	3.6	3.5		4.5	
80	WWFC21	м	MID-EBB	3-Jun-06	16:55	39,40	25.7	5.59	5.51	5.63	93,3	89.6	8.3	28.5	4.1	4.2		7.5	
81	WWFCZ1	В	MID-EBB	3-Jun-06	1		25.8	5.5B	5.50	5.54	90.2	87.1	8.2	28.9	3.5	3,9	3.8	7,5	6.5
82	WWFCZ2	s	MID-EBB	3-Jun-06			26.3	6,08	5.95		96.8	94.0	8.2	14,6	4,0	4.2]	8.5	
83	WWFCZ2	M	MID-EBB	3-Jun-06	16:42	35.20	25.9	5.91	5.88	5.96	91.3	87.7	8.2	29.6	3.3	3.7]	6.5] .
84	WWFCZ2	В	MID-EBB	3-Jun-06	1		25.7	5.52	5.41	5.47	95.2	94.2	8.2	30.2	3.1	3.3	3.6	6.0	7.0
85	WFCZR1	s	MID-EB8	3-Jun-06			26.6	6.06	5,94		91.0	88.3	8.2	14.9	3.6	3.7		4.5	
86	WFCZR1	м	MID-EBB	3-Jun-06	16:30	44.00	25.9	5,56	5.49	5.76	93.5	90.8	8.2	29,5	3.3	3.0]	5.0]
87	WFCZR1	В	MID-EBB	3-Jun-06	· ·		25.7	5.50	5,61	5.56	86.8	84.8	8.2	31.0	4.2	4,4	3.7	6.0	5.2
88	WFCZR2	s	MID-EBB	3-Jun-06	1		26.3	6.15	6.01		92.5	89.6	8.2	13.5	3.7	3.9		7.0]
89	WFCZR2	м	MID-EBB	3-Jun-06	17:08	42,50	25.8	5.60	5.55	5.83	80.7	86,9	8.2	27.4	3.9	3.7		5.0]
90	WFCZR2	В	MID-EBB	3-Jun-06	1		25.6	5,72	5.59	5.66	93.6	90.6	8.2	30.8	4.4	4.5	4.0	10.0	7.3

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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	Temp.			Average				Salinity,		idity,		Suspended Solid,	
Lab iD	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	-	value	DO, % s		ρH, Unit	ppt	N		Value	mg/L	Value
91	WWA1	S	MID-FLOOD	3-Jun-06			26.4	5.70	5.64		83.5	81.4	8.2	13.1	4.2	4,3		5.0	4
92	WWA1	М.,	MID-FLOOD	3-Jun-06	11:21	10.20	26.2	5.50	5,56	5.60	85.6	82.6	8.2	20.2	5.2	5.2		9,0	4
93	WWA1	В	MID-FLOOD	3-Jun-06			26.2	5.70	5.67	5.69	91.1	88.6	8,2	17.2	5.1	4,7	4.8	7.5	7.2
94	WWA2	s	MID-FLOOD	3-Jun-06			26.3	5.93	5.77		90.2	86.9	8.2	13.6	8.2	7.6		6.5	4
95	WWA2	м	MID-FLOOD	3-Jun-06	11:10	9.00	26.2	5.65	5,60	5.74	92.9	87.9	8.2	15.7	6.9	6.9		12.0	4
96	WWA2	В	MID-FLOOD	3-Jun-06			26.1	5.75	5.64	5.70	92.6	89.4	8.2	20,4	5.0	5.2	6.6	12.5	10.3
97	WWA3	S	MID-FLOOD	3-Jun-06			26.4	5.97	5.83		92.2	87.7	8.2	13.7	5.9	5.5		6,5	4
98	WWA3	M	MID-FLOOD	3-Jun-06	11;00	7.20	26.3	6.10	6.02	5.98	94.1	91.2	8.2	14.9	6.2	5.9		9.0	4
99	WWA3	В	MID-FLOOD	3-Jun-06			26.1	5.69	5.60	5.65	88.6	85.4	8.2	20.4	5.6	5.6	5.8	11.0	8.8
100	WRA1	S	MID-FLOOD	3-Jun-06			26.4	6.07	5.95	}	91.7	88.3	8.0	12.8	4.8	4.8		7.0	4
101	WRA1	м	MID-FLOOD	3-Jun-06	11:35	33.00	25.8	6.00	5.85	5.97	88.5	83,6	8.0	28.3	3.0	3.3		7,5	
102	WRA1	в	MID-FLOOD	3-Jun-06			25.8	5.66	5.61	5.64	90.7	85.9	8.0	29.9	3.0	3.1	3.7	8.5	7.7
103	WRA2	ŝ	MID-FLOOD	3-Jun-06			26.3	6,00	5.87		92.7	88.4	8.1	12.8	4.1	4.3		8.0	
104	WRA2	М	MID-FLOOD	3-Jun-06	11:47	31.70	25.8	5.53	5.48	5.72	92.4	89.2	8.1	27.3	3.2	3.5		4.8	1
105	WRA2	В	MID-FLOOD	3-Jun-06			25.6	5.77	5.59	5.68	92.6	89.3	8.1	29.9	3,3	3.1	3.6	11,0	7.9
106	WRA3	s	MID-FLOOD	3-Jun-06			26.2	6,08	5.95		93.5	90.3	8.1	13.5	4.5	4.8	}	8,5	
107	WRA3	M	MID-FLOOD	3-Jun-06	12:02	30.70	25.8	5.74	5.61	5.85	88.9	85.3	8.1	26.7	3.1	3.2		7.5	
108	WRA3	В	MID-FLOOD	3-Jun-06			25.7	5.50	5.48	5.49	91.3	88.6	8.1	28.5	3.1	3.2	3.7	4.5	6.8
109	WWFCZ1	s	MID-FLOOD	3-Jun-06			26.2	5.95	5.61		92.7	88.0	8.2	13.3	4.5	4.7		6.5	
110	WWFCZ1	м	MID-FLOOD	3-Jun-06	12:30	39.00	25.8	5.60	5.52	5.72	87.2	83.1	8.2	28.4	3.9	3.9		8.5	
111	WWFCZ1	В	MID-FLOOD	3-Jun-06			25,7	5.50	5.42	5.46	87,6	84.5	8.2	28.3	4.9	4.4	4.4	10.5	8,5
112	WWFCZ2	S	MID-FLOOD	3-Jun-06			26.2	5.94	5.80		93.6	69.6	8.1	12.9	4.8 ·	5.5		5.0]
113	WWFCZ2	м	MID-FLOOD	3-Jun-06	12:43	30.40	25.7	5.67	5.53	5.74	84.4	82.1	8.1	28.4	4.2	3.9		7.5]
114	WWFCZ2	В	MID-FLOOD	3-Jun-06		1	25,6	5.66	5.58	5.62	82,6	69.4	8.1	30.5	3.0	3.1	4.1	7.0	6.5
115	WFCZR1	S	MID-FLOOD	3-Jun-06		1	26.2	6.06	5.96	ľ	89.2	87.1	8,1	13.8	4.6	4,5		5.0]
116	WFC2R1	М	MID-FLOOD	3-Jun-06	12:58	45.00	25.6	5.86	5.70	5.90	90.1	\$8,6	8.1	30.8	8.2	8.1],	9.5]
117	WFCZR1	В	MID-FLOOD	3-Jun-06		1	25.5	5.44	5.40	5.42	87.8	84.B	8.1	31.1	4.9	5.5	6,0	7.5	7.3
118	WFCZR2	S	MID-FLOOD	3-Jun-06		1	26.2	5.82	5.73		88.5	85.6	8,2	12.8	4.6	4.7		5.0	
119	WFCZR2	M	MID-FLOOD	3-Jun-06	12:17	38.10	25.9	5,97	5.83	5.84	90,6	88,2	8.2	24.8	3.8	3.6	1.	6.5]
120	WFCZR2	B	MID-FLOOD				25,8	5.64	5.58	5.61	91.1	88.1	8.2	25.2	3.7	3.8	4.0	6.0	5.8

				2		Water	Temp.			Average				Salinity,	Turb		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	rui	Value	mg/L	Value
121	WWA1	s	MID-EBB	5-Jun-06			26.6	6.51	6.42		93.9	89.9	8.1	10.6	4,2	4,3		4.5	
122	WWA1	м	MID-EBB	5-Jun-06	9:22	7.00	26.6	6.24	6.16	6.33	90.8	89.5	8.1	11.6	4.7	4.9		6.0	
123	WWA1	В	MID-EBB	5-Jun-06			26.5	6.26	6,20	6.23	92.1	90.1	8.1	12.6	5.0	5.1	4.7	6.0	5.5
124	WWA2	S	MID-EBB	5-Jun-06			26.6	5.90	5.82		84.4	83.1	8.2	11.2	4.7	4.6		4.5	
125	WWA2	м	MID-E88	5-Jun-06	9:11	10.30	26.6	6.25	6.15	6.03	92.9	91.4	8.2	11.6	4.9	5.2	l	7.0	
126	WWA2	В	MID-EBB	5-Jun-06			26.6	6.07	6.06	6.07	92.0	90.7	8.2	11.6	4.6	4.6	4,8	7.0	6,2
127	WWA3	Ş	MID-EBB	5-Jun-06			27.1	5.70	5.61		81,2	89.0	8.1	6.8	5.0	4.7		14.0	
128	WWA3	м	MID-EBB	5-Jun-06	9;00	6,40	26.7	6.05	5.99	5.84	92.4	90.0	8,1	11.9	4.7	5.1	ĺ	15.0	1
129	WWA3	в	MID-EBB	5-Jun-06			26.6	6,03	5.99	6.01	91.2	89.7	8.1	11.9	5.4	5.9	5.1	13.5	14.2
130	WRA1	s	MID-EBB	5-Jun-06			26.6	6,16	6.12		92.0	89.9	8.2	9,9	2.9	3.4		5.0	
131	WRA1	M	MID-EBB	5-Jun-06	9:36	35.50	25.B	5.50	5.43	5.80	91.2	86.5	8.2	27.8	3.3	. 3.4		4.5	
132	WRA1	В	MID-E88	5-Jun-06			25.8	5.45	5.30	5.38	91.6	86.6	8.2	26.4	4.9	5.0	3.8	11.5	7.0
133	WRA2	s	MID-EBB	5-Jun-06			26.5	6.26	6.17		93.1	89.6	8.1	10.1	5,1	5,2		5.0	
134	WRA2	м	MID-EBB	5-Jun-06	9:50	30.70	25.9	5.41	5.48	5.83	89.4	86.6	8.1	25.6	2.9	3.2		6.0	1
135	WRA2	В	MID-EBB	5-Jun-06			25.7	5.51	5.46	5.49	92.9	89,3	8.1	27,9	3.2	3.3	3.8	10.0	7.0
136	WRA3	S	MID-EBB	5-Jun-06			26.5	6.43	6.44		99.4	93.5	8.2	10.4	4.9	4.8		8.0	
137	WRA3	м	MID-EBB	5-Jun-06	10:03	26.10	26,0	5.56	5.47	5.98	92.7	88.6	8,2	24.5	2.9	2.9		6.0	1
138	WRA3	В	MID-EBB	5-Jun-06			25.8	5.81	5.73	5.77	91.2	86.4	8.2	26.1	2.6	2.8	3,5	4.5	6.2
139	WWFCZ1	s	MID-EBB	5-Jun-06			26.6	6.38	6,33		89.9	89.0	B.1	9.8	5.2	5.3		4.5	
140	WWFCZ1	М	MID-EBB	5-Jun-06	10:35	37,60	25.8	5.50	5.44	5.91	92.6	88.7	B.1	27.6	3,3	3.6		3.8	
141	WWFCZ1	8	MID-EBB	5-Jun-06			25.6	5.60	6,55	5.5B	89.7	86.3	B.1	29.2	3.6	3.5	4.1	6.5	4.9
142	WWFCZ2	s	MID-EBB	5-Jun-06			26.6	6.22	6.33		92.3	90.9	6.2	9.9	6,4	5.0		5.5	
143	WWFCZ2	М	MID-EBB	5-Jun-06	10:47	33.80	26,1	5.60	5.50	6,91	88.7	65.6	8.2	23.0	3.8	4.0	1	6.0	1
144	WWFCZ2	B	MJD-EBB	5-Jun-06			25.9	5.55	5.45	5.50	88.0	84.9	8.2	24.2	3.5	3.5	4.2	9,0	6,8
145	WFCZR1	s	MID-EBB	5-Jun-06			26.7	6.47	6.44		90,8	89.1	8.1	9.7	4.5	4.5		6.5	
146	WFC2R1	М	MID-EBB	5-Jun-06	11:05	42.80	26.0	6.18	6.00	6.27	88.6	88.0	8.1	24.0	3,4	3.4	1	5,5	
147	WFCZR1	В	MID-EBB	5-Jun-06			26.1	5.85	5.81	5.83	93.1	91.2	8,1	21.5	3.7	3.6	3.9	6.5	6.2
148	WFCZR2	S	MID-EBB	5-Jun-06			26.5	6.34	6.20		96.4	94.2	8.1	9.5	5.0	4.7		6.0	
149	WFCZR2	М	MID-EBB	5-Jun-06	10:23	41,80	25.9	5.54	5.40	5.87	92.1	89.4	8.1	26.8	2.9	2.8	1	6,5	
150	WFCZR2	В	MID-EBB	5-Jun-06			25.7	5.47	5.62	5.55	89.0	86.1	8.1	29.0	3.2	3.0	3.6	4.0	5.5

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp. °C	DO,	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt	Turb N	iidity, TU	Averaged Value	Suspended Solid, mg/L	Averaged Value
151	WWA1	S	MID-FLOOD	5-Jun-06			26.8	6.50	6.41		93.7	92.6	8.2	9.4	4.6	4.4		4.5	
152	WWA1	м	MID-FLOOD	5-Jun-06	17;24	7.00	26.9	6.61	6.62	6.54	94.0	92.9	8.2	11.2	6.6	5.7		5.5	1
153	WWA1	В	MID-FLOOD	5-Jun-06			26.8	6.18	6,11	6.15	93.3	91.5	8.2	12.0	4.1	4.2	4.9	4.0	4.7
154	WWA2	s	MID-FLOOD	5-Jun-06			27.0	6.83	6.81		96.8	95,8	8.2	10.1	5.2	4.5		4.5	
155	WWA2	М	MID-FLOOD	5-Jun-06	17:35	10.20	26,6	6,33	6,16	6.53	91.1	89.8	8.2	14.8	4.2	4.6	1	7.0	1
156	WWA2	в	MID-FLOOD	5-Jun-06			26.5	6.20	6.15	6.18	89.7	88.0	8.2	16.2	4.9	5.1	4.7	8.0	6.5
157	WWA3	S	MID-FLOOD	5-Jun-06			26,9	6.64	6.57		92.3	92.0	8.2	10.7	4.5	4.4		8.0	
15B	WWA3	м	MID-FLOOD	5-Jun-06	17:00	6,50	26.6	6.41	6.39	6.50	91.9	90.7	8.2	14,7	5,2	5,5		11.0	
159	WWA3	В	MID-FLOOD	5-Jun-06			26.5	6.31	6.24	6.28	94,1	92.2	8.2	16.0	5.2	5.5	5.1	12.5	10.5
160	WRA1	S	MID-FLOOD	5-Jun-06			26.8	6.55	6.47		93.4	92.4	8.2	10.2	4.5	4,6		7.5	
161	WRA1	M	MID-FLOOD	5-Jun-06	17:12	34.00	25.8	5.50	5.48	6.00	87.7	B4,0	8,2	28.7	3.6	3.9		17.0	
162	WRA1	В	MID-FLOOD	5-Jun-06			25.7	5.54	5.43	5.49	91.7	88.2	8.2	29.4	4.3	4.9	4,3	10,0	11.5
163	WRA2	S	MID-FLOOD	5-Jun-06			26.7	6.39	6.31		97.6	96,0	8.2	10.3	5.5	5.1		8.0	
164	WRA2	м	MID-FLOOD	5-Jun-06	11:00	30.00	25.9	5.50	5.46	5.92	87.6	85.6	8.2	28.0	4.4	4,4		7,5]
165	WRA2	в	MID-FLOOD	5-Jun-06			25.7	5.46	5.40	5.43	88.6	84,8	8.2	30.0	3.9	4.1	4.5	5.5	7.0
166	WRA3	S	MID-FLOOD	5-Jun-06			26.8	6.55	6.47		93.4	92.4	8.2	10.2	4.9	5.2		9,5	
167	WRA3	М	MID-FLOOD	5-Jun-06	16:50	26.80	25.9	5.51	5.42	5.99	86.6	84.1	8.2	27.8	4.2	4.1		6.5]
168	WRA3	B	MID-FLOOD	5-Jun-06			25.8	5.45	5.42	5.44	68.7	85.2	8.2	29,1	3,7	3.5	4.3	5.5	7.2
169	WWFCZ1	S	MID-FLOOD	5-Jun-06			26.8	6.51	6.53		97.4	96.4	8.1	10.2	4.6	4.8		7.5	
170	WWFCZ1	м	MID-FLOOD	5-Jun-06	16;25	42.00	26.0	5.60	5.43	6.02	87.0	84.6	8.1	27.7	2.8	2.8		5.8]
171	WWFCZ1	8	MID-FLOOD	5-Jun-06			26.0	5,54	5,43	5.49	88,8	87.3	8.1	28.6	4.4	4.5	4.0	4.5	5.9
172	WWFCZ2	S	MID-FLOOD	5-Jun-06			26.7	6.29	6.32		96.8	95.2	8.2	10.0	4.5	3.7		2.5	
173	WWFCZ2	М	MID-FLOOD	5-Jun-06	16:13	41.10	26.1	5.49	5.46	5.89	90.1	67.7	B.1	27.6	3.6	3.5		6.5	
174	WWFCZ2	B	MID-FLOOD	5-Jun-06			25.9	5.56	5.44	5.60	93.4	89.3	8.1	29.2	5.0	3.5	4.0	B.0	5.7
175	WFCZR1	s	MID-FLOOD	5-Jun-06			27.0	6,01	5.93		90.7	89.7	8.2	9.8	3.9	3.7		6.0	
176	WFCZR1	м	MID-FLOOD	5-Jun-06	16:00	41.30	26.1	5,92	5,44	5,83	85,7	84.2	B.2	26.3	5.3	5.5		10.0	
177	WFCZR1	В	MID-FLOOD	5-Jun-0 6			26.1	5.74	5.70	5.72	91.4	88.7	8.2	24.2	3.7	4.2	4.4	6.5	7.5
178	WFCZR2	S	MID-FLOOD	5-Jun-06			26.7	6.50	6.41		92.3	91.7	8.2	10.1	2.9	2.8		6.0	
179	WFCZR2	М	MID-FLOOD	5-Jun-0€	16:38	32.20	25.9	5.81	5.74	6.12	87.3	84.6	8.2	28.7	4.2	3.7		9.0] .
180	WFCZR2	В	MID-FLOOD	5-Jun-06			25.8	5.50	5.41	5.46	B9.3	86.2	8.2	28.8	3.5	4.0	3.5	8.0	7.7

uspended Solid urbidity, Salinity Average Average Water Average Sampling Date Time °C DO, mg/L value DO. % saturation oH. Un ppt NTU Value mg/L Value Lab ID Location Position Tide depth, n MID-EBB 26.8 6.71 6.60 93:8 92.8 8.2 97 40 41 6.5 181 WWA1 Ş 7-Jun-06 0.94 6 20 6.73 6.60 6.66 94.3 93.0 8.2 127 35 38 4.5 WWA1 М MID-EBB 7-Jun-06 26.7 182 6.58 6.56 6.57 96.7 94.7 8.2 13.6 3.7 3.4 3.8 7.5 6.2 WWA1 в MID-EBB 7-Jun-06 26.7 183 94.4 92.3 8,1 11.4 4.1 4.6 4.5 WWA2 s MID-EBB 7-Jun-06 26.8 6.09 6,02 184 9:12 8.80 6.39 94.6 92.4 8.1 12.0 6.9 7.1 12.0 м MID-EBB 7-Jun-06 26.7 6.37 6.22 185 WWA2 91.2 12.8 7.0 7.8 6,2 12.0 9.5 6.39 6.41 6.40 92.5 8.1 186 WWA2 В MID-EBB 7-Jun-06 26.7 8.2 12.0 5.9 6.1 11.0 6.31 94.6 92.4 WWA3 MID-EBB 7-Jun-06 26.7 6.22 187 s 9:00 6.80 5.8 7.0 7-Jun-06 26.7 6.05 6.00 6.15 93.3 91.5 8.2 13.0 5.7 м MID-EBB 188 WWA3 94.5 92.7 8.2 12.4 4.5 4.5 5.4 8.5 8.8 MID-EBB 26.6 5.90 5.85 5.88 7-Jun-06 189 WWA3 в 4,4 7,0 8.0 9.6 5.1 94.6 93.1 190 WRA1 s MID-EBB 7-Jun-06 26.9 6.29 6.27 9:40 6.0 5.0 7.0 28.00 90,0 87.8 8.0 22.8 MID-EBB 5.92 5.87 6.09 191 WRA1 М 7-Jun-06 26.2 5.5 6.5 5.42 83.0 8.0 28.3 5.4 5.1 5,2 7-Jun-06 26.2 5.50 5.46 85.3 192 WBA1 В MID-EBB 98.7 10.7 5.0 4.8 6.5 95.4 B.1 MID-EBB 26,6 6.56 6.58 193 WRA2 s 7-Jun-06 B.0 9:53 27.50 5.1 25.9 5.86 6.23 85.5 82.4 B.2 28.7 4.9 194 WBA2 M MID-EBB 7-Jun-06 5.91 7,0 4.8 4.5 4.8 7.2 5.40 85.3 82.5 8.1 29.0 195 WRA2 R MID-FBB 7-Jun-06 25.8 5.48 5.44 5.5 4.2 4.6 98.3 94.9 8.2 10.4 196 WRA3 S MID-EBB 7-Jun-06 26.8 6.49 6.48 10:10 28.80 85,1 4.5 4.9 3,5 64.9 8.2 29.2 197 WRA3 М MID-EBB 7-Jun-06 26.0 5,70 5.62 6.07 3.8 4.3 8.0 5.7 91.1 88.0 8.2 3.6 198 WRA3 в MID-FBB 7-Jun-06 25.9 5.76 5.68 5.72 26.6 8.0 96.9 95.6 8.1 8.6 3.1 2.8 199 WWFCZ1 S MID-EBB 7-Jun-06 26.9 6.86 6.81 10:53 36.20 4.0 85.2 3.1 3.0 200 WWFCZ1 M MID-EBB 7-Jun-06 26.1 5.54 5.48 6.17 86.6 8.1 27.2 3,1 9.5 7.2 2.6 3.0 85,4 25.1 201 WWFCZ1 в MID-EBB 7. jun-06 26.1 5.48 5.45 5.47 86.2 8.1 12.0 97.2 9.0 4.3 4.1 202 WWFGZ2 S MID-EBB 7-Jun-06 26.9 6.73 6.70 100.4 8.0 6.5 10:46 32.00 17.8 2.6 2.9 203 WWFCZ2 M MID-EBB 7-Jun-06 26.5 6.06 6.05 6.39 83.5 81.7 8.0 4.5 7.7 3.4 204 WWFCZ2 в MID-F88 7-Jun-06 26.1 6.70 5.62 5 66 96.0 92.0 8.0 25.7 3.3 3.2 5.0 205 4.6 WFCZR1 s MID-FBB 7-Jun-06 26.8 6.60 6.49 94.6 92,6 8.1 8.9 4.7 2.7 11.5 10:5B 42.60 2.9 206 WFCZR1 м MID-EBB 7-Jun-06 26,0 5.35 5.50 5.99 86.6 85.4 8.1 25.9 7.5 207 WFCZR1 в MID-EBB 7-Jun-06 26.2 6.16 6.11 6.15 89.3 86.9 8.1 26.7 2.9 3.0 3.4 6.0 7.0 20B WFCZR2 s MID-EBB 7-Jun-06 27.0 646 6.33 95.2 94.2 8.2 8.6 4.2 4.1 39.00 10:22 3.2 3.1 4.0 209 WFCZR2 M MID-EBB 7-Jun-06 26.0 5 4 9 5 50 5.95 87.3 83.9 8.1 28.5 3.5 4.8 3.8 210 WFCZR2 в MID-EBB 7-Jun-06 25.9 5.60 5.54 5.57 90.1 86.5 8.2 28.1 4.0 4.0

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						Water	Temp.			Average				Salinity,		idity,		Suspended Solid,	
Lab iD	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,		value	DO, % s	,	pH, Unit	ppt		TU	Value	mg/L	Value
211	WWA1	S	MID-FLOOD	7-Jun-06			27.2	6.99	7.01		99.7	99.2	8.2	9.8	5.3	5.1		. 5.0	ł
212	WWA1	M	MID-FLOOD	7-Jun-06	15:50	6.80	27.1	6,39	6.32	6.6B	91.8	90.4	8.2	12.5	3.4	4.0		5.0	
213	WWA1	В	MID-FLOOD	7-Jun-06			27.1	6.16	6.14	6.15	83.4	82.0	8,2	11.3	4.4	4.3	4.4	5.5	5.2
214	WWA2	s	MID-FLOOD	7-Jun-06			27.3	6,51	6.46		94.9	93.5	8.2	9.6	4,5	4.5		8.0	ļ
215	WWA2	М	MID-FLOOD	7-Jun-06	15:40	9,00	27.2	6.47	6.45	6.47	93.7	92.2	8.2	11.9	3.7	3,3		6,0	ł
216	WWA2	В	MID-FLOOD	7-Jun-06			27.1	6.66	6.95	6.81	93,3	94.2	8.2	12.0	3.8	3.7	3.9	6.0	6.7
217	WWA3	S	MID-FLOOD	7-Jun-06			27.8	6,64	6.67		97.7	97.0	8.1	10.5	4.6	4.4		12.5	4
218	WWA3	М	MID-FLOOD	7-Jun-06	15:30	6.60	27.2	6.23	6.16	6.43	94.5	92.5	8.1	12.6	3.5	3.2		8.5	
219	WWA3	В	MID-FLOOD	7-Jun-06			27.3	6.41	6.50	6.46	94.4	93.4	8.1	11.8	4.6	4.5	4.1	9,5	10.2
220	WRA1	S	MID-FLOOD	7-Jun-06			27.3	6.07	6.11		96,2	97.3	8.2	9.4	5.5	4.7		7.0	
221	WRA1	M	MID-FLOOD	7-Jun-06	16:04	31.00	26.4	5,60	5.57	5.84	86.5	84,5	8.2	27.1	4,9	4.4		5.3	
222	WRA1	в	MID-FLOOD	7-Jun-06			26.1	5.41	5.34	5.38	85.8	83.4	8.2	28,0	4.9	4.4	4.8	8.5	.6.9
223	WRA2	ŝ	MID-FLOOD	7-Jun-06			27.4	6.61	6.54		93.7	92.2	8.2	9.2	4.7	4.7		7,0	
224	WRA2	м	MID-FLOOD	7-Jun-06	16:16	26.00	26.3	5.59	5.48	6.06	86.8	83.7	8.2	26.1	5.2	4.9		6.5	
225	WRA2	В	MID-FLOOD	7-Jun-06			25,9	5.75	5.72	5.74	83.9	82.7	8.2	29.6	5.3	5.6	5.0	8.0	7.2
226	WRA3	s	MID-FLOOD	7-Jun-06			27.3	6.80	6.79		96.0	94.9	8.1	9.4	4.5	4.5	ļ	5.0	
227	WRA3	М	MID-FLOOD	7-Jun-06	16:29	28.80	26.2	5.51	5,46	6.14	82.4	81.0	8,1	26.0	4.6	5,5		4.3	
228	WRA3	В	MID-FLOOD	7-Jun-06]	25.9	5.40	5.45	5.43	84.6	84.5	8.1	30.7	5,1	5.4	5.0	7.5	5.6
229	WWFCZ1	s	MID-FLOOD	7-Jun-06			27.2	6.36	6,41		93.0	92.5	8.2	9.5	5.2	5.4		6.5	
230	WWFCZ1	м	MID-FLOOD	7-Jun-06	16:56	40.00	26.5	5,63	5.65	6.01	83.5	81.2	8.2	21.8	3.4	3.7		6,5	
231	WWFCZ1	В	MID-FLOOD	7-Jun-06			26.3	5.72	5.66	5,69	88.1	86.3	8.2	23.3	3.4	3.4	4.1	11.5	8.2
232	WWFCZ2	s	MID-FLOOD	7-Jun-06			27.5	6,60	6,73		97.7	97.0	8,0	9.4	4.7	4.6		7.0	
233	WWFCZ2	м	MID-FLOOD	7-Jun-06	17:10	36.50	26.2	5.49	5.43	6.06	84.2	82.1	8.1	25,9	3.2	3.3		7.0	
234	WWFCZ2	В	MID-FLOOD	7-Jun-06			26.0	5.42	5.44	5.43	87.7	84.5	8.1	27.3	3.2	3.2	3.7	4.0	6.0
235	WFCZR1	s	MID-FLOOD	7-J⊔n-06			27.1	6,79	6.75		95.6	93.6	8,2	10.2	4.8	4.6		9.5	
236	WFCZR1	м	MID-FLOOD	7-J⊔n-06	17:13	41.00	26.2	5.71	5.74	6.25	84.8	83.2	8.2	27.6	3.2	3.6]	5,0]
237	WFCZR1	в	MID-FLOOD	7-Jun-06			26.1	5.46	5.43	5.45	80.5	78.6	8.2	28.9	3.4	4.1	4.0	5.5	6.7
238	WFCZR2	S	MID-FLOOD	7-Jun-06			27.4	6.54	6.57		96.9	96.0	8.1	9.3	4.8	5.2		10.0	
239	WFCZR2	м	MID-FLOOD	7-Jun-06	16:42	42.10	26.2	5.46	5.45	6.01	86.7	83.1	8.1	27.9	5.1	5.3]	4.0]
240	WFCZR2	в	MID-FLOOD				26.1	5.52	5.41	5.47	81.4	79.5	8.2	29.5	4.5	4.4	4.9	5,5	6.5

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Marine Water Quality Impact Monitoring Salinity Turbidity, Suspended Solid Water Average Average Averaged °C DO, ma/L DO, % saturation NTU ab ID Location Position Tide Sampling Date Time depth, n value oH. Uni ppt Value mg/L Value 241 WWA1 S MID-EBB 9-Jun-06 25.3 5.87 5.73 91.3 89.6 8.2 97 39 39 40 242 WAWA1 м MID-EBB 9-Jun-06 11:23 7.10 25.2 6.01 5.96 5.89 92.7 91.6 8.2 23.5 4.3 4.3 65 243 WWA1 B MID-EBB 9-Jun-06 25.2 6.12 6.03 6.08 93.5 92.1 8.2 25,3 4.4 4.4 4.2 7.0 5.8 244 MAA/40 s MID-EBB 9-Jun-06 25.4 6.16 6.13 93.1 92.6 8.2 8.9 6.0 5.7 6.5 8.60 245 WWA2 М MID-EBB 9-Jun-06 11:09 25.2 6.23 6.12 6.16 94.2 92.7 8.2 23.8 5.9 5.9 6.0 246 WWA2 ₿ MID-EBB 9-Jun-06 25.1 6.04 6.01 6.03 90.3 89.2 8.2 24.2 7.6 9.0 7.1 6.4 7.2 247 WWA3 s MID-E88 9-Jun-06 25.3 5,98 5.92 B9,5 88,3 8,2 9,7 25.0 23.2 25.0 246 WWA3 М MID-EBB 9-Jun-06 11:00 6.30 25.2 5.85 5.73 5.87 68.4 87.2 8.2 24,8 21.5 27.0 21.1 249 WWA3 в MID-EBB 9-Jun-06 25.2 5.89 5.79 B9.1 88.5 25.5 25.8 5.84 8.2 25.1 21.1 20.7 22.1 88.3 250 WRA1 ŝ MID-EBB 25.4 89.5 9,5 9-Jun-06 5.89 5.76 8,2 4.2 4.2 4.5 251 WRA1 М MID-EBB 9-Jun-06 12:09 29.70 25.3 6.05 6.01 5.93 92.1 90.3 8.2 24.2 3.4 3.8 5.5 WRA1 MID-EBB 252 ₿ 9-Jun-06 25.3 5,98 5,77 5,88 89.5 86.5 8.2 25.3 4.2 4.4 4.0 4.7 4.0 WRA2 MID-EBB 253 s 9-Jun-06 25.3 6.13 6.12 92.7 91.6 8.2 9.2 4.0 4.1 5.0 11:52 28.50 254 WRA2 M MID-EBB 9-Jun-06 25.2 6.03 5.97 6.06 91.3 89.5 8.2 24.1 4.1 4.1 5.0 255 WRA2 в MID-EBB 25.3 6.07 6.04 90.5 89.2 4.3 4.8 5,0 9-Jun-06 6.06 8.2 25.3 4.2 5,0 WRA3 S MID-EBB 256 9-Jun-06 25.4 5.92 5.88 90.3 88.7 8.2 9.6 4.0 4.1 4.0 11:40 26.40 257 WRA3 М MID-EBB 88.9 9-Jun-06 25.3 5.85 5.74 5.85 87.5 8.2 23.8 4.3 5.1 7,0 258 WRA3 в MID-EBB 9-Jun-06 25.3 5.73 89.5 87.6 4.4 5.5 5.86 5.80 8.2 24.9 4.2 4.4 5.5 259 WWFCZ1 s MID-EBB 8.7 9-Jun-06 5.83 90.3 88.7 8.2 3.5 3.8 5.0 25.4 5.96 12:51 32.10 WWFCZ1 М MID-EBB 260 9-Jun-06 25.2 6.12 6.07 6.00 91.6 90.5 8.2 24.9 3.5 3.5 5,5 MID-EBB 261 WWFCZ1 8 9-Jun-06 25.2 6.05 6.0B 92.7 91,6 8,2 25.1 6,2 6.B 4.5 10.0 6,11 6.8 WWFCZ2 s MID-EBB 9-Jun-06 92.8 9.2 262 25.3 6.12 6.04 91.3 8.2 4.3 4.2 7.5 М MID-EBB 12:21 33,50 WWFCZ2 93.4 4.4 263 9-Jun-06 25.3 6.21 6.16 92.5 8.2 24.2 4.7 6.13 9.0 MID-EBB в 91.6 264 WWFCZ2 9-Jun-06 25.1 6.09 6.10 89.9 8.2 25.3 9.1 8.5 8,3 6.11 8.9 5.9 MID-EBB 265 WFCZR1 ŝ 9-Jun-06 25.4 5.99 5.86 89.2 88.6 8.2 8.5 4.2 4.B 10.5 13:04 34.30 M MID-EBB 266 WFCZR1 5.87 89.7 88.5 9-Jun-06 25.3 5.83 5.79 8.2 23.6 6.4 6.2 8.0 в MID-EBB 86.7 WFCZR1 85.3 7.5 7.8 7.0 267 9-Jun-06 25.2 5.92 5.91 5.92 8.2 24.7 6.2 8.5 Ş 5.0 26B MID-EBB 90.3 8B.7 8,5 WFCZR2 9-Jun-06 25.4 5.96 5,82 8.2 5,4 5.0 12:34 34.20 269 WFCZR2 М MID-EBB 9-Jun-06 25.3 5.85 5.74 5.84 69.4 88.3 8.2 23.8 4.9 4.5 9.5 в MID-EBB WFCZR2 88.5 88.1 270 9-Jun-06 25.3 5.88 5.76 5.82 8.2 24.9 4.4 4.3 47 7.D 7.2

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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

Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp. °C	DO	mg/L	Average value	DO % 6	aturation	pH, Unit	Salinity, ppt		idity, TU	Averaged Value	Suspended Solid,	Averaged Value
271	WWA1	S	MID-FLOOD	9-Jun-06	31118	depui, m	25,9	5,92	5.80	value	94.7	94.2	рп, олл 8.1	μμι 10.9	3.2	3.4	value	mg/L 7.5	Value
272	WWA1	M	MID-FLOOD	9-Jun-06	17:29	8.00	25.8	5.54	5.60	5.72	89.4	84,1	8.1	24.4	4.0	4.1	-	5.5	4
273	WWA1	B	MID-FLOOD	9-Jun-06			25.8	6.71	5.56	5,64	86.5	87.3	8.1	25.6	4.2	4.2	3.9	7.5	6.8
274	WWA2	s	MID-FLOOD	9-jun-06			25.6	6.30	6.10	0,04	91.5	90.8	8,1	29.9	5.9	5.6	0.0	5.5	
275	WWA2	M	MID-FLOOD	9-Jun-06	17:39	9.40	25.6	5.92	5.86	6,05	87.0	88.0	8.1	24.5	5.7	5.8	í	8.5	1
276	WWA2	В	MID-FLOOD	9-Jun-06			25.6	5.74	5.69	5.72	85.1	86.4	8.1	26.0	6.0	6.2	5.8	10,5	8.2
277	WWA3	S	MID-FLOOD	9-Jun-06			25.7	6.09	6.03		87.1	89.0	8.1	10.1	12.6	13,0		25.0	
278	WWA3	M	MID-FLOOD	9-Jun-06	17:50	7.50	25.6	5.84	5.81	5.94	B4.4	85.9	8.1	25.5	11.6	10.9		17.0	
279	WWA3	8	MID-FLOOD	9-Jun-06			25.7	5.66	5.61	5.64	87.7	87.3	8.1	26.8	11.7	11.4	11,9	25.5	22.5
280	WRA1	S	MID-FLOOD	9-Jun-06			25.8	5.99	5.81		94.6	91.2	8.1	10.6	3.9	3.7		6.5	1
281	WRA1	м	MID-FLOOD	9-Jun-06	17;1B	32,40	25.6	6.01	6.00	5.95	87.6	86.8	8.1	25.8	3.4	3.3		7.0	1
282	WRA1	B	MID-FLOOD	9-Jun-06			25.5	5.71	5.80	5.76	90.4	90.1	8.1	26.2	3.7	3.6	3.6	9.5	7.7
283	WRA2	S	MID-FLOOD	9-Jun-06			25.7	6.10	6.14		88.4	86.1	8.1	10.8	3.4	3.3		5.0	
284	WRA2	М	MID-FLOOD	9-Jun-06	17:04	30.00	25.4	5.89	5.78	5.98	92.0	89.3	8.1	26.2	3.6	3.4	1	3.5	
285	WRA2	В	MID-FLOOD	9-Jun-06			25.4	5.91	5.80	5.86	89.5	89.0	8.1	25.6	4.1	4.1	3.7	5,0	4.5
286	WRA3	s	MID-FLOOD	9-Jun-06			25.6	6.13	6.05		91.6	90.6	8.2	10.1	4.0	3.8		3.5	
287	WRA3	м	MID-FLOOD	9-Jun-06	16;53	28.20	25.6	5.78	6.64	6.15	87.2	68.6	8.1	22.6	4.0	4.2		6.5	
286	WRA3	в	MID-FLOOD	9-Jun-06			25.4	5.88	5.81	5.85	69.2	.88.0	8.1	24.5	3.9	3.9	4.0	9.0	6,3
289	WWFCZ1	S	MID-FLOOD	9-Jun-06			26.2	5.80	5.91		96.3	94.1	8.2	12.2	4.0	3,6		5.0	-
290	WWFCZ1	М	MID-FLOOD	9-Jun-06	16:27	38.70	25.8	5.78	5.74	5.81	91.8	90.0	8.2	20.6	3.9	4.0	1	6.5	
291	WWFCZ1	В	MID-FLOOD	9-Jun-06			25.4	5,60	5.65	5,63	93,6	89.7	8,2	25.4	5,9	5.6	4.5	7.5	6.3
292	WWFCZ2	s	MID-FLOOD	9-Jun-06			26.6	6.01	6.05		94.5	92.1	8.2	13.1	5.3	4,2		11.0	
293	WWFCZ2	М	MID-FLOOD	9-Jun-06	16:13	40.40	26.0	5,99	5.90	5,99	90,3	8B.4	8,2	22.4	5,0	4.7		4.3]
294	WWFCZ2	В	MID-FLOOD	9-Jun-06			25.5	5.81	5.84	5.83	92.6	90.2	8.2	23.4	6.1	5.0	5.0	5.8	7.0
295	WFCZR1	S	MID-FLOOD	9-Jun-06			26,0	6.12	6.10		89,1	86,8	8,1	10.6	4,6	4.4		4.0	
296	WFCZR1	М	MID-FLOOD	9-Jun-06	16:00	45.00	25.6	6.00	6.03	6.06	89.8	87.5	8.1	23.8	5.2	6.0		6.5	
297	WFCZR1	В	MID-FLOOD	9-Jun-06			25.3	5.81	5.84	5.83	90.2	87.3	8.1	23.5	5.9	5.5	5.3	7.5	6.0
298	WFCZR2	S	MID-FLOOD	9-Jun-06			26,1	6,14	6.11		95.4	93,1	8,1	11.6	4,3	4.7		6,5	
299	WFCZR2	м	MID-FLOOD	9-Jun-06	16:40	42.00	25.7	5.98	5.92	6.04	90.6	90.4	8.1	21.7	4.7	4.3		8.0	1
300	WFCZR2	В	MID-FLOOD	9-Jun-06			25.4	5.76	5.71	5.74	86.5	87.9	8.1	26.5	4.1	4.3	4.4	12.5	9.0

1						Water	Temp.			Average				Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,		value			pH, Unit	ppt	N		Value	mg/L	Value
301	WWA1	S	MID-EBB	12•Jun•06			25.8	5.84	5.53		95.8	92.6	8.0	17.5	5.8	5.8		5.0	Į
302	WWA1	M	MID-EBB	12-Jun-06	13:36	6.20	25.8	5,65	5.50	5.63	92.3	68.2	8.0	20.9	5.1	5,1		11.0	
303	WWA1	В	MID-EBB	12-Jun-06			25.8	5.93	5.63	5.78	97.6	93.8	8.0	20.0	7.5	7.5	6,1	9.5	B.5
304	WWA2	c)	MID-EBB	12-Jun-D6			25.9	5.58	5,43		92.7	87.9	8.1	20.1	10.0	10.7		8.5	1
305	WWA2	м	MID-EBB	12-Jun-06	13:25	9.50	25.9	5,89	5.76	5.67	96.3	92.3	8.1	20.3	6.6	6.3		8.5	
306	WWA2	в	MID-EBB	12-Jun-06			25,9	5.77	5.65	5.71	96.0	93.6	8.1	20.4	10.3	11.3	9.2	14.5	10.5
307	WWA3	S	MID-EBB	12-Jun-06			26.1	5.41	5.50		85.6	82.1	8.1	19.8	11.2	9.6		17.5	
308	WWA3	M	MID-EBB	12-Jun-06	13:15	6.50	26.0	5.84	5.67	5.61	95.4	90.4	B.1	20.2	5.2	4.8		9,0	4
309	WWA3	в	MID-E88	12-Jun-06			25.8	5.96	5.42	5.69	90.6	88,6	8.0	20.2	9,3	9.0	8.2	10.0	12.2
310	WRA1	S	MID-EBB	12-Jun-06			25.8	5.77	5.51		93.0	92.6	8.1	16.2	3.7	3.6	1	10.5	
311	WRA1	м	MID-EBB	12-Jun-06	13:49	29.40	25.7	5.86	5.74	5.72	98.2	90,8	8.1	24.4	9.7	8.6		10.5	
312	WRA1	В	MID-EBB	12-Jun-06			25.6	5.50	5.52	5.51	93.4	90.5	8.1	27.2	13,8	13.8	8.9	15.0	12.0
313	WRA2	s	MID-EBB	12-jun-06			25.B	5.94	5.84		89.7	86.4	8.2	15.5	4.8	4,7		4.0	
314	WRA2	м	MID-EBB	12-Jun-06	14:02	25.00	25.7	5.94	5.83	5.89	83.5	85.6	8.2	18.8	5,2	5.1		3.3	1
315	WRA2	В	MID-EBB	12-Jun-06			25.7	5.57	5.40	5.49	96.2	89.4	8,2	23.9	7.5	8.5	5.9	10.5	5.9
316	WRA3	S	MID-EBB	12-Jun-06			25.7	5.81	5.49		95.0	89.9	8.1	20.4	5.5	5.4		4.0	1
317	WRAS	M	MID-EBB	12-Jun-06	14:15	26.00	25.6	5.96	5.87	5.78	87.7	83.1	8,1	24.6	4.5	4.4	<u> </u>	4.8	
318	WRA3	В	MID-EBB	12-Jun-06			25.6	5.74	5.71	5.73	90.4	88.3	B.1	28.0	4.7	4.8	4.9	4.0	4.3
319	WWFCZ1	S	MID-EBB	12-Jun-06			25.7	5.82	5.60		95,2	92.0	8.1	17.3	4.1	4.3	1	4.8	_
320	WWFCZ1	м	MID-EBB	12-Jun-06	14:39	36.20	25.7	5.94	5.69	5.76	99.3	96.2	8,1	21.1	5.7	5.6		7.3	
321	WWFCZ1	В	MID-EBB	12-Jun-06			25.7	5,94	5.78	5.86	90.8	85.3	8.1	25.2	7.3	7.3	5,7	8.5	6.8
322	WWFCZ2	s	MID-EBB	12-Jun-06			25,7	5.79	5.64		98.4	91.7	8.2	16.5	7.1	7.3		6.0	1
323	WWFCZ2	M	MID-EBB	12-Jun-06	14:53	27.00	25.6	5.80	5.70	5.73	92.3	90.t	8.2	26,5	4.8	4.6		8.0	_
324	WWFCZ2	В	MID-EBB	\$2-Jun-06			25.6	5.56	5.54	5.55	89.4	86.2	B.2	24.1	4.6	5,0	5.6	11.0	8.3
325	WECZR1	s	MID-EBB	12-Jun-06			25.7	5.79	5.62	1	86.4	88.0	8.2	15.1	8.8	8.5	1	8.0	
326	WFCZR1	м	MID-EBB	12-Jun-06	15:06	42.70	25.7	5.80	5.76	5.74	87.0	86.5	8.2	23.3	4.4	4.4	1	12.5	
327	WFCZR1	В	MID-EBB	12-Jun-06			25.6	5,89	5.79	5.84	88.3	87.2	8.2	21.0	7.7	7.4	6.8	5.0	8.5
328	WFCZR2	s	MID-EBB	12-Jun-06			25.7	5.66	5.58		94.2	90.6	8.1	17.6	4.9	5.4		4.5	_
329	WFCZR2	м	MID-EBB	12-Jun-06	14:27	40.00	25.7	5,78	5.44	5.62	89,0	88.0	8.1	24.5	4.9	5.2		7.0	1
330	WFCZR2	В	MID-EBB	12-Jun-06	1	Į	25.6	5.60	5.51	5,56	91.8	91.0	8.1	26.1	5.0	4.8	5.0	7,5	6.3

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						Water	Temp.			Average				Salinity,		idity,		Suspended Solid	
Lab iD	Location	Position	Tide	Sampling Date	Time	depth, m	°.°C	DO,	mg/L	value	DO, % s	aturation	pH, Unit	ppt		τυ	Value	mg/L	Value
331	WWA1	s	MID-FLOOD	12-Jun-06		·	25.7	5.88	5.72		97.1	89.5	8.2	24.2	3.6	3.7		16.0	1
332	WWA1	M	MID-FLOOD	12-Jun-06	9;20	8.00	25.6	5.97	5.80	5.84	98.3	96.4	8.2	28.5	5.7	5,8		10.5	
333	WWA1	в	MID-FLOOD	12-Jun-06			25.5	5.97	5.84	5.91	94.8	89.3	8.2	28.6	7.5	6.6	5,5	18.0	14.8
334	WWA2	S	MID-FLOOD	12-Jun-06			25.6	5.76	5.64		96.6	69.3	8,1	26.2	9.2	9,2		17.5	Į –
335	WWA2	м	MID-FLOOD	12-Jun-06	9:11	11.70	25.5	5.84	5.74	5.75	92.3	86.0	8.1	27.1	6.2	6.6		12.0	1
336	WWA2	8	MID-FLOOD	12-Jun-06			25.7	5.96	5.75	5.86	93.2	88,1	8.1	27.4	5,9	. 5.8	7.2	10.5	13.3
337	WWA3	S	MID-FLOOD	12-Jun-06			25.B	5,71	5.50		84.9	80.9	B,1	27.2	4.2	7.7		14.0	
338	WWA3	м	MID-FLOOD	12-Jun-06	9:00	7.40	25.7	5.84	5.71	5.69	88.4	84.4	8.1	28.4	7,8	6.2		8.5	
339	WWA3	В	MID-FLOOD	12-Jun-06			25,5	5.60	5.56	5.58	84.6	85.2	8.1	28.2	6.3	6,1	6.4	12.5	11.7
340	WRA1	S	MID-FLOOD	12-Jun-06			25.7	5.97	5.8B		99.4	92.3	8.2	22.4	3.1	3.1		9.5	
341	WRA1	м	MID-FLOOD	12-Jun-06	9:34	32.30	25.6	5.72	5.59	5.79	93.5	87.6	8.2	29.8	16.1	15,5		22.5	
342	WRA1	в	MID-FLOOD	12-Jun-06			25.6	5.62	5.61	5.62	94.6	89.6	8.1	29.4	6,4	7.7	8.6	15.0	15.7
343	WRA2	S	MID-FLOOD	12-Jun-06		1	25.7	5.90	5.74		96.1	91.4	8.2	23.6	5.9	4.6		8.5	
344	WRA2	м	MID-FLOOD	12-Jun-06	9:46	27.20	25.4	5.74	5.64	5.76	92.5	87.0	8.2	28.1	6.3	5.6		8.5	1
345	WRA2	В	MID-FLOOD	12-Jun-06			25.6	5.64	5.50	5.57	88.8	84.8	B.2	27.8	8.2	9,0	6.6	10.5	9.2
346	WRA3	S	MID-FLOOD	12-Jun-06			25.7	5.70	5.62		89.1	87.2	8.2	22.3	2.8	2.6]	6.0	
347	WRA3	M	MID-FLOOD	12-Jun-06	9:5B	28.40	25.2	5.82	5.70	5.71	95.5	87.3	8.2	28.5	4.5	4.4		8.0	
34B	WRA3	В	MID-FLOOD	12-Jun-06		Į –	25.6	5.71	5.62	5,67	93.2	90.2	8.2	29.4	6.2	6.4	4.5	11.5	8.5
349	WWFCZ1	s	MID-FLOOD	12-Jun-06			25.8	5.70	5.68		98,1	90.8	8.3	20.0	3.1	3.0		13.0	
350	WWFCZ1	м	MID-FLOOD	12-Jun-06	10:27	37.80	25.6	5.92	5.62	5.73	94.9	88.8	8.3	28.9	4.5	4.4		9.5	J .
351	WWFCZ1	8	MID-FLOOD	12-Jun-06			25.6	5.98	6.73	5.86	96.7	88.6	8.2	28.9	6.5	6.8	4.7	12.5	11.7
352	WWFCZ2	s	MID-FLOOD	12-Jun-06			25.9	5.66	5.48		92.9	86.0	8.2	21,0	3.1	3.3		10.0	1
353	WWFCZ2	м	MID-FLOOD	12-Jun-06	10:39	27.60	25.8	5.67	5.80	5.63	95.5	69,0	8.2	25.1	5.B	5.7		16,5	. .
354	WWFCZ2	В	MID-FLOOD	12-Jun-06			25.6	5.98	5,84	5.91	85.6	69,7	8.2	29.7	7,4	7.2	5.4	15.0	13.6
355	WFCZR1	S	MID-FLOOD	12-Jun-06			25.7	5.73	5.62		94.6	90.0	8.2	21.5	3.0	2.9		7.5]
356	WFCZR1	м	MID-FLOOD	12-Jun-06	10:55	44.80	25.6	5.91	5.86	5.78	88.6	84.4	8.1	29.1	4.5	4.5		11.5] ·
357	WFCZR1	Б	MID-FLOOD	12-Jun-06		1 ·	25.6	5.88	5.58	5.73	95.5	93.3	8.1	29,6	7.8	7.5	5.0	6.0	8.3
358	WFCZR2	S	MID-FLOOD	12-Jun-06			25.8	5.60	5.47		95.6	86.5	6.3	20.1	3.3	3.0		8.0	
359	WFCZR2	M	MID-FLOOD	12-Jun-06	10:14	44.00	25.7	5.92	5.80	5.70	89.3	87.4	8.2	28.8	6.9	7,4		13.5	· ·
360	WFCZR2	В	MID-FLOOD	12-jun-06			25.6	5.51	5.43	5.47	96.1	92.0	8.2	29.0	5.9	5,7	5.4	18.5	13.3

						Water	Temp.			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	TU J	Value	mg/L	Value
361	WWA1	S	MID-EBB	14-Jun-06			26.8	5.98	5.86		90.1	87.3	8.1	16.4	7.2	7.6		7.5	}
362	WWA1	M	MID-E88	14-Jun-06	14:50	6.90	26.8	6.28	6.25	6.09	97.7	94.8	8.1	16.5	6.3	6.6		6.\$]
363	WWA1	В	MID-EBB	14-Jun-06			26.8	6.12	6.05	6.09	99.7	96.3	8.1	16.6	6.2	6.2	6,7	5.5	6,5
364	WWA2	S	MID-EBB	14-Jun-06			26.9	5.90	5.82		94.0	89.3	8.1	16.5	5.6	5.4		4.5	
365	WWA2	М	MID-EBB	14-Jun-06	14:41	10.00	26,9	6.13	6,04	5.97	96.1	92.4	8.1	16.5	5.4	5.6		6.5	
366	WWA2	B	MID-EBB	14-Jun-06			26.9	6.12	6,01	6,07	97.3	93.3	8.1	16.4	5.6	5.5	5.5	8.0	6.3
367	WWA3	S	MID-EBB	14-Jun-06			27.1	6.04	5.91		92.4	90.3	8.1	16.3	5,3	5.4		6.0	
368	WWA3	M	MID-EBB	14-Jun-06	14:30	7.10	27.0	6.06	6.00	6.00	91,5	89.5	8.1	16.4	7.2	6.4		6.5	
369	WWA3	В	MID-EBB	14-Jun-06			26.9	6.01	5.94	5,98	91.6	89,9	8.2	16.2	5.7	5.4	5.9	7.0	6.5
370	WRA1	S	MID-EBB	14-Jun-06			26.9	6.16	6.11		92.3	87.7	8.2	12.9	4.6	4.6		7,0	
371	WRA1	м	MID-EBB	14-jun-06	15:14	29.10	26.1	6,49	5,63	5,82	96.7	91.1	6.2	25.9	15.1	14.4		26.5	
372	WRA1	в	MID-EBB	14-Jun-06			26.0	5.46	5.44	5.45	89.5	86.1	B.2	26.3	10.7	10.7	10.0	12.0	15.2
373	WRA2	S	MID-EBB	14-Jun-06			26.9	6.19	6.04		100.5	91.5	B.1	13.0	4.8	5.2		3.3	
374	WRA2	м	MID-EBB	14-Jun-06	15:25	26.70	26.5	6.03	5.90	6.04	89,1	88.4	6.1	18.4	4,9	4.9		8.0	
375	WRA2	В	MID-EBB	14-Jun-06			26.3	5.62	5.58	5.60	87.0	86.3	8.1	20.1	4.2	4.4	4.7	4.0	5.1
376	WRA3	s	MID-EBB	14-Jun-06			26,9	6.03	5,89		94.3	90.8	8.2	12.6	4.3	4,5		4.5	
377	WRA3	м	MID-EBB	14-Jun-06	15:34	25.40	26.6	6.10	6.01	6.01	96.6	92.6	8.2	18.0	4.9	4.8		7.0	
378	WRA3	В	MID-EBB	14-Jun-06			26.2	5.68	5.54	5.61	91.4	87.0	8.2	22.6	4.9	5.0	4.7	10.5	7.3
379	WWFCZ1	S	MID-EBB	14-Jun-06			27.0	6.03	5.88		98.2	97.8	8.1	12.7	4.1	4.2		8.5	
380	WWFCZ1	М	MID-EBB	14-Jun-06	16:05	37.40	26.3	5.62	5.51	5.76	95.0	90.6	8.1	24.4	4.9	4.9		9.0]
381	WWFCZ1	В	MID-EBB	14-Jun-06			26.2	5.54	5.52	5.53	94.5	87.7	8.1	27.0	5.5	3.9	4,6	7,5	8,3
382	WWFCZ2	S	MID-EBB	14-Jun-06			27.0	6.27	6.15		99.3	96.1	8.2	13.2	7.2	7.7	•	5.5	
383	WWFCZ2	М	MID-EBB	14-Jun-06	16:17	34,60	26.6	5.86	5.82	6.03	95.8	90.0	8.2	18.7	7.4	7.1		7.5]
384	WWFCZ2	В	MID-EBB	14-Jun-06			26.7	6.08	6.04	6.06	92.3	68.5	8.2	16.5	9.6	9.5	6.1	13.5	8.6
385	WFCZR1	Ś	MID-EBB	14-Jun-06			27.0	5.96	5.92		93.2	89.1	8.2	12.7	4.0	4.4		4.5	
386	WFCZR1	М	MID-EBB	14-Jun-06	16:29	40.30	26.7	5.93	5.85	5.92	96.2	90.7	8.2	15.9	5.1	5.1		6.5]
387	WFCZR1	B	MID-EBB	14-Jun-06			26.4	5.93	5.81	5.87	96.1	91.1	8.2	23.0	4.5	4.5	4.6	7.5	6.2
386	WFCZR2	Ş	MID-EBB	14-Jun-06			27.1	6,16	6.06		97.6	93,8	8.2	13.1	4.7	4.9		6.0]
389	WFCZR2	М	MID-EBB	14-Jun-06	15:50	41.60	26.5	5.85	5.67	5,94	96.2	90.2	8.2	19.5	5.1	5.0		9.0	
390	WFCZR2	8	MID-EBB	14~Jun-06			26.1	5.62	5.56	5.59	88.6	84.6	8.2	27.2	8,8	8.2	6.1	14.5	9,8

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						Water	Temp.			Average				Salinity,	Turb		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	TU	Value	mg/L	Value
391	WWA1	S	MID-FLOOD	14-Jun-06			26,6	5,77	5.69		91.4	86.4	8.2	15.1	4.4	4.6		6.5	
392	WWA1	М	MID-FLOOD	14-Jun-06	10:39	8.40	26.5	5.71	5.58	5.69	93.4	90.3	8.2	19.2	4,7	4,9		9,0	
393	WWA1	B	MID-FLOOD	14-Jun-06			26.5	5.81	5.94	5.88	8B.1	85.9	8,2	19,5	4.4	4,4	4.6	9.5	8.3
394	WWA2	S	MID-FLOOD	14-Jun-06			26.6	5.93	5.79		99.0	94.2	8.1	16.2	5.5	5.4		11,0	1
395	WWA2	M	MID-FLOOD	14-Jun-06	10:49	11,60	26.5	5.81	5.72	5.81	89.2	86.6	8.2	20,1	5.7	5,7		7.5	
396	WWA2	В	MID-FLOOD	14-Jun-06			26.5	5.59	5.49	5.54	84.2	85.0	8.1	19.6	4.3	4.4	5.2	8.0	8.8
397	WWA3	S	MID-FLOOD	14-Jun-06			26.7	5.88	5.82		93.8	92.1	8.2	17.4	3.8	3.8		7.0	
398	WWA3	M	MID-FLOOD	14-Jun-06	10:59	8.00	26.6	5.48	5.46	5.66	90.5	89.5	8.2	19.8	4.2	4.3	Į	7.0	
399	WWA3	В	MID-FLOOD	14-Jun-06			26.6	5.57	5.50	5.54	85.6	87.2	8.2	18.5	4.4	4.2	4.1	6.5	6.8
400	WRA1	S	MID-FLOOD	14-Jun-06			26.1	5,91	5,86		96.9	92.1	8.2	16.1	4.3	4.6		6.0	
401	WRA1	M	MID-FLOOD	14-Jun-06	10:29	33.00	26.0	5.62	5.65	5.76	90.4	90.0	8.2	24.2	5.7	5.4		8.5	
402	WRA1	В	MID-FLOOD	14-Jun-06			26,0	5,55	5,47	5.51	98,0	92.1	8.2	26.4	5.2	4.9	5.0	15.5	10.0
403	WRA2	S	MID-FLOOD	14-Jun-06	-		26.5	5.96	5.93		92.2	89.6	8.1	18.8	3.9	3.8		5.0	
404	WRA2	м	MID-FLOOD	14-Jun-06	10:13	28.50	25.9	5.97	5.90	5, 9 4	91,8	87.5	8.1	28.4	6.2	6.3		6.5]
405	WRA2	8	MID-FLOOD	14-Jun-06			25.9	5.87	5.82	5.85	96.2	91.5	8.1	29.3	4.8	5.0	5.0	10.0	7.2
406	WRA3	S	MID-FLOOD	14-Jun-06			26.5	5,73	5,64		95,3	91.3	8.2	18.2	4.0	4.0		9.0	
407	WRA3	м	MID-FLOOD	14-Jun-D6	9:55	27.70	26.5	5.66	5.59	5.66	92.7	91.6	8.2	29.1	4.7	4.3		14.5	
408	WRA3	B	MID-FLOOD	14-Jun-06			25.8	5.60	5.51	5,56	94.7	90.2	8.2	29.0	5.2	5.5	4.6	10.5	11.3
409	WWFCZ1	s	MID-FLOOD	14-Jun-06			26.5	5.91	5.94		88.5	86.9	8.2	16.3	3.4	3.7		6.0	
410	WWFCZ1	М	MID-FLOOD	14-Jun-06	9:14	42.00	26.0	5.90	5.86	5.90	91.5	87.3	8.2	19.9	6.1	6.1]	9.0]
411	WWFCZ1	B	MID-FLOOD	14-Jun-06			25.9	5.77	5.82	5.80	87.3	86.9	8.2	28,3	5,9	6.9	5,3	9.5	8,2
412	WWFCZ2	s	MID-FLOOD	14-Jun-06			26.3	5.77	5.62		95.1	88.9	8.2	19.6	4.0	4.3		5.0	
413	WWFCZ2	м	MID-FLOOD	14-Jun-06	9:26	38.40	26.0	5.99	5.84	5.81	93.1	87.1	8.2	26.3	4,7	4.4		8.5	
414	WWFCZ2	В	MID-FLOOD	14-jun-06			26.0	5.56	5.46	5.51	89.0	88.2	8.2	10.3	3.6	3.6	4.1	9.5	7.7
415	WFCZR1	S	MID-FLOOD	14-Jun-06			27.0	5.85	5.76		89.6	87.3	8.3	16.2	5.9	5.8		6.5	
416	WFCZR1	М	MID-FLOOD	14-Jun-06	9:00	43.40	26.4	5.56	5.46	5.66	90.0	85.7	8.2	26.9	6.0	6.0		12.5	
417	WFCZR1	В	MID-FLOOD	14-Jun-06			26,2	5,60	5.55	5,58	94.1	89.7	8.3	24,8	5.6	5.6	5.8	10,0	9.7
418	WFCZR2	Ş	MID-FLOOD	14-Jun-06			26.5	5.62	5.58		93.8	87.5	8.2	18.5	4.2	4.2		3.5	
419	WFCZR2	М	MID-FLOOD	14-Jun-06	9:39	35.30	26.1	5.54	5.52	5.57	89.8	85.8	8.2	27.2	4.4	4.0		8.0	
420	WFCZR2	В	MID-FLOOD	14-Jun-06			25,9	5.54	5.52	5.53	96,4	89.7	8.2	22.2	4.5	5.4	4.4	3,8	5.1

				i	_	Water	Temp.			Average				Salinity,	Turb			Susperided Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	<u>°C</u>	DO,	mg/L	value	DO,% s	aturation	pH, Unit	ppt	<u> N</u> Т		Value	mg/L	Value
421	WWA1	S	MID-EBB	16-Jun-06			27.5	6.20	6.13		96.6	93.0	7.8	13.3	3.7	3.5		6.0	
422	WWA1	м	MID-EBB	16-Jun-06	15:20	8.50	27.1	5.97	5.83	6.03	96.5	91.5	7.8	17.2	4.7	4.6		7,0	
423	WWA1	в	MID-EBB	16-Jun-06			27.2	5. 9 8	5.90	5.94	94.1	91.1	7:8	16.7	5.0	4.9	4.4	7,5	6.8
424	WWA2	s	MID-EBB	16-Jun-06			27.0	5.67	5.61		90.0	85.1	7.9	19,6	4.3	4.5		5.0	J
425	WWA2	M	MID-EBB	16-jun-06	15:10	9.00	27.3	6.00	5.91	5.80	95,8	93.4	7.9	13.0	4.7	4.8		5.5	Į
426	WWA2	В	MID-EBB	16-Jun-06			27.2	5.94	5.88	5.91	92.1	89.5	7.9	16.9	4.5	4.9	4.6	7.0	5,8
427	WWA3	S	MID-EBB	16-Jun-06			27.5	6.10	6,03		91.1	86.9	7.8	16,9	5.4	5.0		7.5	
428	WWA3	M	MID-EBB	16-Jun-06	15;00	6.70	27.2	5,79	5.76	5.92	88.7	86.9	7.8	18.3	4.1	4.5		5.5	
429	WWA3	B	MID-EBB	16-Jun-06			27.3	5.95	5.92	5,94	96.1	92.2	7.8	15.5	4.4	4.2	4.6	11.5	8.2
430	WRA1	S	MID-EBB	16-Jun-06			27.4	6,15	6.02		100.3	95.3	8.0	12.7	4.1	4.1		4,5	
431	WRA1	M	MID-EBB	16-Jun-06	15:32	28.50	26.4	5.82	5.80	5.95	97.8	89.4	8.0	27.3	7.0	B.0		9.0	· ·
432	WRA1	В	MID-EBB	16-Jun-06			26.1	5.60	5,55	5.68	90.9	85.3	8.0	29,5	6.9	6.6	6.1	11.5	8.3
433	WRA2	s	MID-EBB	16-Jun-06			27.3	6.05	5.98		100.7	97.8	7.8	13.1	5.2	4.5		6.0	
434	WRA2	M	MID-EBB	16-Jun-06	15:46	27.00	26.4	5.97	5.75	5.94	96.8	91.5	7.8	26.3	5.9	5.8		8.5]
435	WRA2	8	MID-EBB	16-Jun-06			26,3	5.75	5.62	5.69	89.7	84,3	7.8	28.9	2.9	3.4	4.6	10.5	8.3
436	WRA3	s	MID-E8B	16-Jun-06			27.1	5.86	5.81		92.4	92.3	7.8	13.2	4.3	4,4		4.5	
437	WRA3	M	MID-EBB	16-Jun-06	15:58	27.80	26.3	5.61	5.58	5.72	89.4	96.3	7.8	25.6	5.8	6.1		12.5	}
438	WRA3	ß	MID-EBB	16-Jun-06			26.2	5.03	5.12	5.08	89.4	86.4	7.8	27.1	5.2	5.5	5.2	12.0	9.7
439	WWFCZ1	S	MID-EBB	16-Jun-06			26.5	5.97	5.92		90.6	87.2	8,0	12.8	4.5	4.5		3.0]
440	WWFCZ1	м	MID-EBB	16-Jun-06	16:25	38.40	27.4	6.22	6.12	6.06	96.6	93,6	8.0	27.8	4.4	4.5		6.0]
441	WWFCZ1	В	MID-EBB	16-Jun-06			27.0	5,66	5,45	5.56	99.9	90.4	8.0	27.7	5.3	4.8	4.6	5.5	4.8
442	WWFCZ2	S	MID-EBB	16-Jun-06		-	26.4	5.83	5.86		93.3	88.5	7.9	13.7	3.8	3.8		6.5	
443	WWFCZ2	м	MID-EBB	16-Jun-06	16;38	34.70	27.3	6.07	5,98	5.94	95.7	92.3	7.9	26,3	4.3	4.3		4,0]
444	WWFCZ2	В	MID-EBB	16-Jun-06			26,2	5.49	5.43	5.46	93.6	87.9	7.9	28.8	5.3	5.6	4.5	5.5	5.3
445	WFCZR1	S	MID-EBB	16-Jun-06			27.5	6.13	6.03	[97.9	94.0	7.9	12.8	4.1	4.4		4,3	1
446	WFCZR1	M	MID-EBB	16-Jun-06	16:52	40.10	26.5	5.99	5.89	6.01	91.3	85.3	7.9	24.3	4.6	4.7		5.0]
447	WFCZR1	в	MID-EBB	16-Jun-06			26.3	5,80	5.72	5.76	94.8	90.1	7.9	26.6	4.6	4.8	4.5	5,0	4.8
44B	WFCZR2	s	MID-EBB	16-Jun-06			27.3	6.15	5.98		98.7	94.8	7.8	13.1	4.0	4.2		4.0]
449	WFCZR2	м	MID-EBB	16-Jun-06	16:12	42.20	26.1	5.59	5,55	5.82	92.1	89.0	7.8	27.7	5.3	5.4		7.5]
450	WFCZR2	8	MID-EB8	16-Jun-06	ļ		26.1	5.56	5.57	5.57	90,9	86.3	7.8	28.7	6.0	5.9	5,1	7.0	6.2

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp. °C	DO,	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt		iidity, TU	Averaged Value	Suspended Solid, mg/L	Averaged
451	WWA1	S	MID-FLOOD	16-Jun-06			26.7	6.02	5.97		90.7	86.7	8.0	20.0	4.2	4.6		9.5	
452	WWA1	 M	MID-FLOOD	16-Jun-06	10:49	6.80	26.9	5.63	5.62	5.81	91.3	88.1	8.0	20.5	4.2	4.1	1	5.0	1
453	WWA1	В	MID-FLOOD	16-Jun-06		l l	26.8	5.68	5.55	5.62	93.8	89.7	8.0	21.2	3.8	3.6	4.1	4.5	6.3
454	WWA2	s	MID-FLOOD	16-Jun-06			26.6	5.70	5.61		93.2	91.6	8.0	19.9	4.5	4.7		9.5	
455	WWA2	M	MID-FLOOD	16-Jun-06	10:59	9.40	26,1	5.85	5.67	5.71	98.5	94.4	8,0	21.1	3.9	4.0]	5,5].
456	WWA2	В	MID-FLOOD	16-Jun-06			26.1	5.48	5.43	5.46	92.1	86.2	8.0	21.6	4.4	4.2	4,3	7.5	7.5
457	WWA3	S	MID-FLOOD	16-Jun-06			26.6	5.85	5.84		86.6	87.9	8.0	21.0	4.4	4.3		9,0	
458	WWA3	м	MID-FLOOD	16-Jun-06	11:10	6.80	26.7	5.53	5.25	5.62	91.9	. 87.6	8.0	23.4	4.4	4.6		5.5	
459	WWA3	B	MID-FLOOD	16-Jun-06			26.5	5.58	5.41	5.50	98.2	91.2	8.0	23.1	4.3	4.6	4.4	6.5	7.0
460	WRA1	S	MID-FLOOD	16-Jun-06			26.4	5.93	5.82		90.6	85.8	8.0	23.8	4.5	4,5		9.0	
461	WRA1	M	MID-FLOOD	16-Jun-06	11:14	34.70	26.5	6.06	6.07	5.97	85,6	84,4	8.0	24.8	4.2	4.7		5.0	
462	WRA1	B	MID-FLOOD	16-Jun-06			26.4	6.03	5.83	5,93	92.1	86.1	8.0	27.4	5.5	5,5	4.B	9.0	7.7
463	WRA2	s	MID-FLOOD	16-Jun-06			26.6	5.92	5.90		96.6	91.2	8.0	20.1	3.5	3.5		7.0	
464	WRA2	м	MID-FLOOD	16-Jun-06	11:04	24,00	26.1	5.73	5.71	5.82	94.5	89.0	8.0	28.8	4,9	5,2		7.5	
465	WRA2	В	MID-FLOOD	16-Jun-06			26.2	5.89	5.90	5.90	88.4	86.6	8.0	29.0	6.2	5.9	4.9	9.5	8.0
466	WRA3	S	MID-FLOOD	16-Jun-06			26.7	5.94	5.63		97.3	92.4	8.0	21.2	3.5	3,5	1	4.5	
467	WRA3	м	MID-FLOOD	16-Jun-06	10:54	24.60	26.2	6.01	5.89	5.87	· 88.9	84.8	8,0	29.7	7.1	6.5		9.5	1
468	WRA3	В	MID-FLOOD	16-Jun-06			26.2	5.71	5.65	5.68	86.4	85.1	8.0	28.4	5.6	5.3	5.3	11.0	8.3
469	WWFCZ1	S	MID-FLOOD	16-Jun-06			26.3	5.99	5.94		89.5	85.1	8.0	23.3	4.1	4.1		13,5	
470	WWFCZ1	M	MID-FLOOD	16-Jun-06	10:26	40.80	26.1	5.60	5.62	5.79	87.4	86.2	8,0	29.3	6.5	6.7		13,0	
471	WWFCZ1	В	MID-FLOOD	16-Jun-06			26.2	5.56	5,53	5.55	89.9	84.6	8.0	28.6	9.7	9.1	6.7	16.0	14.2
472	WWFCZ2	S	MID-FLOOD	16-Jun-06			26.7	5.92	5.84		92.4	89.2	7.9	20,0	4.8	4.6		9.0	
473	WWFCZ2	М	MID-FLOOD	16-Jun-06	10:13	34.50	26.1	5.80	5.72	5.82	96,0	88.7	7.9	29.6	9.7	9.9		18.0	
474	WWFCZ2	В	MID-FLOOD	16-Jun-06			26.0	5.54	5.50	5.52	92.3	85.5	7.9	30.3	7.6	8.0	7.4	18.0	15.0
475	WFCZR1	s	MID-FLOOD	16-Jun-06			27.2	5.90	5.80		94.5	90,5	8.0	19.3	7.4	7.7		7.5	
476	WFCZR1	M	MID-FLOOD	16-Jun-06	10:00	42.70	26.3	5.B0	5.78	5.82	86.9	86,0	8.0	26.0	14.0	14.9		11.5	
477	WFCZR1	В	MID-FLOOD	16-Jun-06			26.0	5.71	5,68	5.70	91.0	85.4	8.0	31.6	8.6	8.3	10.2	23.0	14.0
478	WFCZR2	S	MID-FLOOD	16-Jun-06			26.8	5,88	5.74		94.1	89.7	7.9	13.1	4.9	4.4	· .	5.0	
479	WFCZR2	м	MID-FLOOD	16-Jun-06	10:40	39.50	26.2	5.65	5.61	5.72	88.2	88.0	7.9	26.2	9.1	6.5]	13.0	
480	WFCZR2	в	MID-FLOOD	16-Jun-06			26.0	5.97	5.81	5.89	95.0	69.4	7.9	28.9	8.9	9.2	7.5	11.0	9.7

and a second second

Turbidity, NTU Water Suspended Solid. Salinity Averag Averaged Value Averaged DO, % saturation °C DO, ma/L oH. Uni Lab ID Location Position Tide Sampling Date Time depth, m value ppt mg/L Value 53 45 4B1 WWA1 s MID-FBB 19-Jun-06 26.9 6.11 5.95 102.3 96.1 8.0 13.0 6.0 482 WWA1 М MID-EBB 19-Jun-06 12:20 7.00 26.8 5.78 5.66 5.88 94.9 90.9 8.0 17.8 42 40 7.0 483 WWA1 В MID-EBB 19-Jun-06 26.6 5.89 5.79 5.84 3 00 87.2 8.0 22.5 4.3 4.2 6.5 6.5 484 WWA2 s MID-EBB 19-Jun-06 27.0 6.22 6.12 100.2 96.5 8.3 12.9 3.2 3.7 5.0 12:11 12.00 485 WWA2 М MID-EBB 19-Jun-06 26.6 5.98 5.72 6.01 102.8 96.4 **B.O** 20.9 6.5 6.3 6.0 8.1 486 WWA2 в MID-EBB 19-Jun-06 26.4 5.56 5.50 100.4 92.9 7.5 5.53 23.1 6.9 7.1 5.6 6.2 487 WWA3 Ş MID-EBB 19-Jun-06 26.9 5,98 5.85 100,4 94,7 8.0 12.8 4,5 4.8 6,0 488 WWA3 М MID-EBB 12:00 10.00 5.80 5.78 90.1 8.0 4.7 8.0 19-Jun-06 26.6 5.85 97.1 20.6 4.6 469 WWA3 в MID-EBB 19-Jun-06 26.5 5,50 5.46 97.4 8.0 4.7 7.5 5.48 90.4 21.1 5.0 4.7 7.2 s MID-EBB 97.6 94.3 6,5 490 WRA1 19-Jun-06 26.9 6,20 6.10 8.0 12.8 4.8 4,2 491 WRA1 М MID-EBB 19-Jun-06 12:31 34.00 26.0 5.90 5.64 5.96 92.2 86.4 8.0 28.8 4.8 4.3 10.0 WRA1 В MID-E88 19-Jun-06 25.9 5.70 5.67 5,69 101.1 96.1 8,0 28.6 4.9 4.6 7.0 7.5 492 4.6 WRA2 s MID-EBB 19-Jun-06 6.02 5.91 99.8 94.8 6.0 14.4 3.1 3.8 10.5 493 26.8 12:43 28.20 494 WRA2 М MID-EB8 19-Jun-06 25.9 5.74 5.60 5.82 91.0 86.2 8.0 29.7 7.1 7.5 9.0 495 WRA2 в MID-EBB 5.77 5,53 94.7 96.5 8.0 30.9 8.4 8.5 16.5 12.0 19-Jun-06 25.8 5.65 6.4 s 496 WRA3 MID-EBB 19-Jun-06 26.7 6.12 5.96 99.7 94.9 8.0 15.0 4.4 4.3 4.5 12:55 25.30 WRA3 М MID-EBB 19-Jun-06 497 26.4 5.62 5.60 5,83 94.3 88.9 8.0 23.7 5.1 5.0 9.5 WRA3 в MID-EBB 19-Jun-06 5.62 5.67 8.0 29.5 4.5 5.1 4.7 12.0 8.7 498 25.9 5.71 87.0 90.3 WWFCZ1 s MID-EBB 101.0 8.0 499 19-Jun-06 96.0 14.9 4.3 26,9 6,13 5.98 4.1 12.0 13:19 31.50 WWFCZ1 м 5.91 500 MID-EBB 19-Jun-06 25.9 5.84 5.68 99.0 92.6 8.0 29.7 9.6 20.0 9.0 WWFCZ1 в MID-EBB 25.7 6,70 5.62 5.66 102.1 90,9 8,0 31.7 9,3 9,3 7.6 20.5 17.5 501 19-Jun-06 WWFCZ2 s MID-EBB 94.8 91.0 8.0 502 19-Jun-06 26.7 5.91 5.71 18.8 4.2 4.0 11.0 13:30 37.50 WWFCZ2 MID-EBB 96.0 8.0 М 5,64 6.77 100,8 24,1 5,3 5,1 14.5 503 19-Jun-06 26.4 5,82 504 WWFCZ2 в MID-EBB 5.79 93.8 8.0 31.0 7.1 7.2 17.5 19-Jun-06 25.8 5.83 5.75 99.2 5.5 14.3 505 WFCZR1 S MID-EBB 19-Jun-06 26.5 6.06 5.87 101.3 97.1 8.0 19.7 4.0 4.0 6.6 13:42 42.00 м MID-EBB 5.72 12.0 506 WFCZR1 19-Jun-06 25.8 5.52 5.42 92.2 90.6 8.0 31.3 11.7 11.9 MID-EBB WFCZR1 5.86 32.0 507 в 19-Jun-06 25.6 5.92 5.89 86.3 83.3 8.0 10.6 8.6 8.5 15.0 11.2 97.1 8.5 508 WFCZR2 s MID-EBB 19-Jun-06 26.8 5.85 5.78 99.8 8.0 14.7 4.3 4.5 13:08 41.60 509 WFCZR2 м MID-EBB 19-Jun-06 26.2 5.89 5.68 5.80 92.9 87.6 8.0 26.5 6.0 5.8 5.5 WFCZR2 в MID-EBB 7.0 510 19-Jun-06 26.4 5.49 5.42 5.46 93.4 89.0 8.0 24.3 4.2 4.6 49 7.0

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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	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		N	ruí	Value	mg/L	Value
511	WWA1	S	MID-FLOOD	19-Jun-06			26.5	5.90	5.83		92.6	88.7	8.1	23.9	4.8	4.6		4.5	
512	WWA1	м	MID-FLOOD	19-Jun-06	18:47	11.50	26,4	5,89	5.90	5,88	89.2	85.3	8,0	26,6	4.5	4.2		9.0	
513	WWA1	В	MID-FLOOD	19-Jun-06			26.4	5.46	5.44	5.45	90.0	89. 9	8.0	27.0	4.2	4.3	4.4	10.0	7.8
514	WWA2	s	MID-FLOOD	19-Jun-06			26,7	5.85	5.67		89.1	86.4	8.1	23.3	3,2	3.6		7.5	
515	WWA2	м	MID-FLOOD	19-Jun-06	18:52	13.20	26.6	5.90	5.71	5.78	87.9	87.5	8,1	24.9	6.5	6.3	}	6.5	
516	WWA2	Ø	MID-FLOOD	19-Jun-06			26.5	5.34	5.31	5.33	91.0	86.6	8.1	26.4	6.1	6.3	5,3	4.5	6,2
517	WWA3	s	MID-FLOOD	19-Jun-06			26.5	5.97	5,94		98.8	92.1	8.1	26,0	4.7	4,6		6.0	
518	WWA3	M	MID-FLOOD	19-Jun-06	19:06	9,00	26.4	5.92	5.80	5.91	91.2	86.8	8.0	26.7	4.7	4.6		12.0	i
519	WWA3	в	MID-FLOOD	19-Jun-06			26,5	5.60	5.45	5,63	89.2	85.7	8.1	26.7	4,8	4.B	4.7	6.0	8.0
520	WRA1	S	MID-FLOOD	19-Jun-06			26.5	5.67	5.51		95.9	90.2	8.1	23.8	4.7	4.7		8.5	
521	WRA1	м	MID-FLOOD	19-Jun-06	18:37	33.50	26,1	5,71	5.63	5.63	96.5	91.2	8.1	29.2	4.7	4.9		9.5	
522	WRA1	B	MID-FLOOD	19-Jun-06			26.0	5.73	5.64	5.69	97.3	92.3	8.1	30.5	4.8	4.B	4.8	15.0	11.0
523	WRA2	s	MID-FLOOD	19-Jun-06			26,6	5.56	5,44		96.8	92,2	8.1	23.6	3.3	3.6		9.0	
524	WRA2	м	MID-FLOOD	19-Jun-06	18:25	28.00	26.3	5.42	5.45	5.47	92.8	86.1	8.1	27.9	7.0	6.7	}	9.0	
525	WRA2	B	MID-FLOOD	19-Jun-06			26.1	5.44	5.40	5,42	93.6	8B.5	8.1	28.6	8.2	8.2	6.2	9,0	9.0
526	WRA3	s	MID-FLOOD	19-Jun-06			26.6	5.83	5.77		96.2	95.0	8.1	24.6	4.2	4.2		13.0	
527	WRA3	М	MID-FLOOD	19-Jun-06	18:15	28.70	26,4	5,82	5.65	6.77	96,6	89,8	8.1	25,4	5,2	ő,O		10.5	
528	WRA3	B	MID-FLOOD	19-Jun-06			25.9	5.40	5.41	5.41	68.8	83.4	8.1	32.2	4.3	4.4	4.5	18.5	14.0
529	WWFCZ1	s	MID-FLOOD	19-Jun-06			26.5	5.92	5,8B		96,3	90,9	8,1	23,6	4.4	4,1		4.0	
530	WWFCZ1	· M	MID-FLOOD	19-Jun-06	17:51	38.00	26.2	5,70	5,62	5.78	95.5	89.9	8.1	28.6	7.6	7.1]	18.0	
531	WWFCZ1	B	MID-FLOOD	19-Jun-06			26.0	5.79	5.72	5.76	85,1	84.2	8,1	30.1	8.2	8.1	6.6	18.5	13.5
532	WWFCZ2	S	MID-FLOOD	19-Jun-06			26.7	6,16	6.08		98.5	94.7	8,1	18.2	4.2	3,9		13.5	
533	WWFCZ2	м	MID-FLOOD	19-Jun-06	17:40	38.60	27.0	6.00	5.85	6.02	98.8	95.4	8.0	18.2	4.7	5.0		8.5	1
534	WWFCZ2	В	MID-FLOOD	19-Jun-06			26.4	5.47	5.40	5,44	88,1	86.2	8.0	30,9	6.2	6,2	5,0	12.5	11.5
635	WFC2R1	S	MID-FLOOD	19-Jun-06			26.9	5.BO	5.62		97.2	93.0	8.1	22.3	4.1	4.1		11.5	
536	WFCZR1	М	MID-FLOOD	19+Jun-06	17:30	44.10	25.9	5.71	5.70	5.71	93,3	85.6	8.1	31,8	8,2	8,2		17.0	
537	WFCZR1	в	MID-FLOOD	19-Jun-06			25.7	5.96	5.80	5.88	98.4	92.4	8.1	32.3	9.3	8.2	7.0	11.5	13.3
638	WFCZR2	ŝ	MID-FLOOD	19-Jun-06			26.B	5.81	5.78		95.8	91.2	8.0	19.8	5.0	5.0		12.0	
539	WFCZR2	М	MID-FLOOD	19-Jun-06	18:05	42.30	26,2	5.67	5.62	5.72	91.2	87.9	8.0	31.6	5.1	5.0		13.5	
540	WFCZR2	В	MID-FLOOD	19-Jun-06			25.9	5.52	5.50	5.51	93.0	87.6	8.0	33.1	4.8	4.8	5.0	11.0	12.2

						Water	Temp.			Average				Salinity,		idity,		Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	<u>°C</u>		mg/L	value	DO, % s		pH, Unit	ppt	N		Value	mg/L	Value
541	WWA1	S	MID-EBB	21-Jun-06			27.3	5.60	5,56		100.2	96.8	8.1	21.0	5,1	5.0	<u> </u>	6,0	1
542	WWA1	м	MID-EBB	21-Jun-06	10:19	6.40	27.0	5,54	5.50	5.55	93.6	91.2	8.1	23.3	4.2	4.2	ļ	4.5	4
543	WWA1	В	MID-EBB	21-Jun-06			27.0	5.55	5.46	5.51	96,9	91.4	8.1	23.1	4.0	3.9	4.4	6.5	5.7
544	WWA2	s	MID-EBB	21-Jun-06			27.2	5.49	5.45		94.5	89.6	8.1	21.4	3.1	3.2		5.0	
545	WWA2	м	MID-EBB	21-Jun-06	10:09	10.40	27,3	5.60	5.58	5.53	90.3	86.7	B.1	22.7	6.0	5.9		7.0	
546	WWA2	в	MID-EBB	21-Jun-06			27.0	5.63	5.54	5.59	90.9	87.9	8.1	22.0	5.2	5.2	4.8	5.5	5.8
547	WWA3	s	MID-EBB	21-Jun-06			27.2	5,59	5.49		94.7	89.4	8.1	21.3	4.8	4.5		4.0	
548	WWA3	м	MID-EBB	21-Jun-06	10:00	7.00	27.2	5.84	5.67	5.65	94.3	92.7	8.1	21.8	4.9	4.7		6,5	
549	WWA3	В	MID-EBB	21-Jun-06			27.1	5.49	5.45	5.47	97.8	90.4	8.1	22.5	5.0	4.9	4,8	11.5	7.3
550	WRA1	s	MID-EBB	21-Jun-06			27.6	5.86	5.75		94.6	91.7	- 7.7	17.4	4.8	4.6		4.0	1
551	WRA:	м	MID-EBB	21-Jun-06	10:31	32.00	26.5	5.76	5.69	5.77	91.5	87.0	7,7	28.2	4.5	4.5] ·	15.5	}
552	WRA1	В	MID-EBB	21-jun-06			26.2	5.87	5.84	5,86	96.0	89.7	7.7	28.9	4.5	4.6	4.6	15.0	11.5
553	WRA2	s	MID-EBB	21-Jun-06			27.5	5.89	5.79		95. 9	92.0	7.8	17.0	5.0	5.1		6.0	
554	WRA2	м	MID-EBB	21-Jun-06	10:42	28.40	27.6	6.00	5.92	5.90	93,1	89.8	7.8	24.3	4.9	4.8]	13.0	
555	WRA2	В	MID-EBB	21-Jun-06			26.4	5.63	5.46	5.55	91.4	87.9	7.8	27.0	4.6	4.5	4.8	12.0	10.3
556	WRA3	S	MID-EBB	21-Jun-06			27.5	5.60	5.48		101.4	97.6	7,9	17.5	4.2	4.2		7.0	
657	WRA3	M	MID-EBB	21-Jun-06	10:53	27.80	26,6	5.56	5.52	5.54	90.0	84.4	7.9	24.8	5,1	5.0	Į.	8.0	
558	WRA3	В	MID-EBB	21-Jun-06			26.5	5.48	5.41	. 5.45	90.7	86.2	7.9	25.6	4.9	4.8	4.7	12.0	9.0
559	WWFCZ1	s	MID-EBB	21-Jun-06			27.5	6.09	5.97	r · ·	94.2	91.4	8.1	15.9	4.2	4.2		10.0	
560	WWFCZ1	M	MID-EBB	21-Jun-06	11:29	31.90	26.6	5.63	5.60	5.82	93.9	85.9	8.2	24.1	5.5	5.3]• .	15.0	
561	WWFCZ1	8	MID-EBB	21-Jun-06			26.4	5.68	5.50	5.54	93.1	88.8	8.2	26. 9	6.2	6.2	5.3	13.5	12.8
562	WWFCZ2	s	MID-EBB	21-Jun-06			27.4	6.00	5.92		93.8	92.0	8.1	16.4	4,2	4.2		14.5	
563	WWFCZ2	м	MID-EBB	21-Jun-06	11:17	36.80	26.5	5.80	5.74	5.87	90.7	87.9	8.1	26.3	4.0	3.9	1	15.5	
664	WWFCZ2	В	MID-EBB	21-Jun-06			26.4	5.52	5.42	5.47	98.0	91.0	8.1	26.2	5.4	5.3	4.5	19.5	16.5
565	WFCZR1	s	MID-EBB	21-Jun-06			27.2	6.04	6.05	T	97.7	95.0	8.1	16.6	4.1	4.1		8.0]
566	WFCZR1	M	MID-EBB	21-Jun-06	11:42	43.00	26.7	5.59	5.44	5.78	95.5	91.3	8.1	23.8	4.2	4.3].	6,5]
567	WFCZR1	В	MID-EBB	21-Jun-06			26.5	5,59	5,46	5.53	92.1	87.6	8.1	24.9	5.1	4,9	4.5	5.0	6.5
568	WFCZR2	S	MID-EBB	21-Jun-06			27.7	6.03	5.94		97.1	94.1	8.2	16.2	4.0	3.8	1	5.0	
569	WFCZR2	м	MID-EBB	21-Jun-06	11:05	46.00	26,8	5,62	5.60	5.80	96.3	91.4	8.1	23.5	5.2	5.2]	4.5]
570	WFCZR2	В	MID-EBB	21-Jun-06			26.5	5.52	5.48	5.50	95.5	88.2	8,1	23.9	4.9	4.9	4.7	8.5	6.0

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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	Témp. °C	DO,	mg/L	Average value	DO, % s	aturation	pH, Unit	Salinity, ppt		idity, TU	Averaged Value	Suspended Solid, mg/L	Averageo Value
571	WWA1	S	MID-FLOOD	21-Jun-06	•		28.0	6.22	6.10		102.3	101.4	7.8	16.7	4.5	4.3		10.0	
572	WWA1	м	MID-FLOOD	21-Jun-06	16:39	7.00	27.6	6,01	5.98	6.08	95.8	95.0	7.8	18.2	4,0	3.8	}	8.5]
573	WWA1	В	MID-FLOOD	21-Jun-06		·	27.6	5.75	5.70	5.73	98.1	97.4	7.8	18.1	3,9	3,8	4.0	7.5	8,7
574	WWA2	s	MID-FLOOD	21-Jun-06			28.1	6.23	6.19		103.6	102.4	7.9	16.4	4.1	4.1	j	4.5]
575	WWA2	м	MID-FLOOD	21-Jun-06	16:30	11.20	27.7	6.10	6.02	6.14	97.5	97.1	7.9	18.4	4,3	4.0		3.0]
576	WWA2	В	MID-FLOOD	21-Jun-06			27.7	6.02	5.93	5.98	95.5	96.1	7,9	18.2	4.3	3.8	4.1	8,5	5.3
577	WWA3	s	MID-FLOOD	21-Jun-06			28.2	6.24	6.19		102.4	101.9	7.8	16.7	4.6	4.5		21.5	
578	WWA3	M	MID-FLOOD	21-Jun-06	16:20	7.40	28.1	6.00	5.96	6.10	99,5	98,8	7.8	17.8	4.5	4.6		16.5	
579	WWA3	В	MID-FLOOD	21-Jun-06			27.6	5.89	5.86	5.88	96.2	95.2	7.8	19.4	4,7	4.6	4.6	5.0	14,3
580	WRA1	Ş	MID-FLOOD	21-Jun-06			27.6	5.81	5.73		96.0	94.1	7.7	18.2	3.4	3.3		6.0]
581	WRA1	М	MID-FLOOD	21-Jun-06	16:12	32.50	26.4	5.62	5.59	5.69	89.6	88.0	7.7	28.4	4.7	4.6		11.0]
582	WRA1	В	MID-FLOOD	21-Jun-06			26.1	5.77	5.74	5.76	92.7	87.4	7.7	29.7	4.5	4.4	4.1	8.0	8.3
583	WRA2	S	MID-FLOOD	21-Jun-06			27.7	6.20	6.18		97.7	96.6	7.7	17.9	3,4	3.5		8.0	
584	WRA2	м	MID-FLOOD	21-Jun-06	16:00	28.60	26.6	5.86	5.80	6.01	93.3	89.7	7.7	27.2	3.9	4.1		14.5	
585	WRA2	8	MID-FLOOD	21-Jun-06			26.2	5.62	5.54	5.58	86.4	85.9	7.7	30.0	5,0	5.1	4.2	13.5	12.0
586	WRA3	S	MID-FLOOD	21-Jun-06			27.8	6.28	6.30		96.0	94.7	7.8	17.8	4.3	4.2		7.0	
587	WRA3	M	MID-FLOOD	21-Jun-06	15:47	28.30	26.8	5,99	5,94	6.13	94.2	89.6	7.8	24.7	4.1	4.2		7.5]
688	WRA3	B	MID-FLOOD	21-Jun-06			26.3	5.85	5.80	5.83	96.1	89.2	7.6	29.3	5.1	5.2	4.5	8,5	7.7
.589	WWFCZ1	S	MID-FLOOD	21-Jun-06			27.9	5,99	5,92		99.5	98.7	8.3	17.2	4.3	4,3		6.5	
590	WWFCZ1	м	MID-FLOOD	21-Jun-06	15:12	39.00	26,8	5.68	5.64	5.81	94.0	89.7	8.2	24.6	6,4	6.0		12.5]
591	WWFCZ1	В	MID-FLOOD	21-Jun-06			26.4	5.60	5.55	5.58	90,3	85,8	8.2	27.4	6.2	6.1	5.5	9.5	9.5
592	WWFCZ2	s	MID-FLOOD	21-Jun-06			27.7	6.02	6.00		98.1	97.1	7.6	17.6	3.3	3.2		6.0	
593	WWFCZ2	м	MID-FLOOD	21-Jun-06	15:24	38.20	26.5	5.71	5.70	5.86	90.1	86.8	7,6	28.0	3.9	3.5]	10.0]
594	WWFCZ2	В	MID-FLOOD	21-Jun-06			26.3	5.84	5.79	5.82	90.7	88.7	7.6	28.9	5.2	5.1	4.0	8,5	8.2
595	WFCZR1	S	MID-FLOOD	21-Jun-06			28.0	6.93	5.89		95.0	94.1	8.1	15.2	4.2	4.2		4.5	
596	WFCZR1	М	MID-FLOOD	21-Jun-06	15:00	44.00	26.6	5.69	5.65	5.79	88.6	86.4	8.1	27.7	7.2	7.0		6.5	
597	WFCZR1	₿	MID-FLOOD	21-jun-06			26.4	5.76	5.60	5,68	91,3	66.8	8.1	28.4	5.4	5.3	5.5	5,5	5.5
598	WFCZR2	ŝ	MID-FLOOD	21-Jun-06			27,6	6.08	6,00		98.1	95.2	7.7	18.2	5.0	4.8		4.0	
599	WFCZR2	М	MID-FLOOD	21-Jun-06	15:35	43.60	26.5	5.96	5.90	5.99	98.8	91.6	7.7	27.8	4.1	4.1]	8.5]
600	WFCZR2	В	MID-FLOOD	21-Jun-06			26.6	5.60	5.51	5.56	94.9	90.8	7.7	27.5	3.2	5.1	. 4.4	10.0	7.6

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		Desilion	T 1.4.	O	7:	Water	Temp. °C	00	mo/L	Average		aturation		Salinity,	Turb N			Suspended Solid,	
_ab ID	Location	Position	Tide	Sampling Date	Time	depth, m	_			value			pH, Unit	ppt	· ,		Value	mg/L	Value
601	WWA1	<u>s</u>	MID-EBB	23-Jun-06	10;50	6.60	27.6	6.78	6.77	0.75	101.6	100.6	7,8	22.0	2.B	3.0		8.5	4
602	WWA1	<u>M</u>	MID-EBB	23-Jun-06	10,50	0.00	27.6	6.75	6.70	6.75	98.9	97.6	7.8	22.1	4,0	4.1		10.0	4
603	WWA1	В	MID-EBB	23-Jun-06			27.6	7.08	6.99	7,04	98.1	96.8	7.8	22.1	3.9	3.9	3.6	11.0	9.8
604	WWA2	s	MID-EBB	23-Jun-06	10.41	9.80	27.6	7.08	6.99		106.2	105.7	7.4	22.0	3.2	3.2		11.0	4
605	WWA2	M	MID-EBB	23-Jun-06	10:41	9.60	27.6	6.86	6.90	6.96	99.3	98.6	7.4	22.2	4.2	4,2		11.5	-
606	WWA2	В	MID-EBB	23-Jun-06			27.6	6.62	6.59	6.61	98.5	97.4	7.4	22.3	5,2	5.1	4.2	11.0	11.2
607	WWA3	S	MID-EBB	23-Jun-06			27.6	6.32	6,29		102.2	101.5	8.4	22.2	4.6	4.3		11.0	-
608	WWA3	М	MID-EBB	23-Jun-06	10;30	6,90	27.5	6.84	6.78	6.56	103.5	103,4	8.4	22.3	4.9	4.7		10.0	-
609	WWA3	В	MID-EBB	23-Jun-06			27.3	6.54	6.44	6,49	102.5	101.5	8.4	22.3	4.0	3.9	4.4	8.0	9.7
610	WRA1	S	MID-EBB	23-Jun-06			28,4	7,52	7.88		110.4	110.5	7.9	16.5	4.6	4.4		8.5	
611	WRAI	M	MID-EBB	23-Jun-06	11:02	30.00	26.4	6.92	6.85	7.29	92.9	88.5	8.0	28.2	4.2	4,3		13.0	
612	WRA1	В	MID-EBB	23-Jun-06			26.2	5.86	5,78	5.82	90.6	86.4	7.9	29.4	4.0	3.9	4.2	16.0	12.2
613	WRA2	S	MID-EBB	23-Jun-06			28.4	7.12	7.10		115.5	114.9	8.0	16,5	4.9	4,9		9.5	
614	WRA2	М	MID-EBB	23-Jun-06	11:13	26.70	28.5	6.03	5.89	6.54	95.6	93.7	8.1	23.5	4.0	3.8		7.0]
615	WRA2	₿	MID-EBB	23-Jun-06			26.7	5.48	5.46	5.47	88.4	85.6	B.0	26.6	4.1	4.1	4.3	9.0	8.5
616	WRA3	\$	MID-EBB	23-Jun-06			28.2	7.46	7.45		118.0	119.9	7.9	17.1	4,1	4.3		13.5	1
617	WRA3	м	MID-EB8	23-Jun-06	11:25	27.00	27.1	5.90	5.69	6.63	94.8	92,3	7.9	24.0	4.0	3.9		8.5	1
618	WRA3	в	MID-EBB	23-Jun-06			26.5	5.53	5.45	5.49	91.3	87.6	7.9	28.0	3.8	3,6	3,9	10.0	10.7
619	WWFCZ1	S	MID-EBB	23-Jun-06			28.3	6,77	6.80		113.4	110.0	8.5	16.3	4.2	4.0		7.5	1
620	WWFCZ1	м	MID-EBB	23-Jun-06	12:02	36,80	26.9	6.07	6.01	6.41	93.9	90.3	8,5	26.3	4.3	4.1		7.0	1
621	WWFCZ1	В	MID-EBB	23-Jun-06			27.2	5.69	5,60	5,60	96.5	95.2	8.5	22.4	5.8	5.5	4.7	7.0	7.2
622	WWFCZ2	S	MID-EBB	23-Jun-06			28.5	6.58	6.54	Í	113.2	112.0	8,5	16.1	4.1	4.2		8.0	1
623	WWFCZ2	M	MID-EBB	23-Jun-06	11:50	35.10	26.8	5.89	5,80	6,20	92.4	88.5	8.5	27.1	4.0	3.9		12.0	1
624	WWFCZ2	В	MID-EBB	23-Jun-06			26.3	5.78	5.71	5.75	89.5	86.8	8.5	28.5	3,3	3.6	3.8	6.0	8.7
625	WFCZR1	S	MID-EBB	23-Jun-06			28.5	6,11	6,05		112.4	113.0	8.5	17.2	4.1	4.3		4.5	1
626	WFCZR1	м	MID-EBB	23-Jun-06	12:15	40.40	27.3	5,92	5.81	5.97	97.8	96.5	8.5	22.6	4.1	4.1		5.0	1
627	WFCZR1	В	MID-EBB	23-Jun-06			27.0	5,65	5.62	5.64	87.9	87.6	8,5	24.1	4.0	3.8	4.1	6.5	5,3
628	WFCZR2	S	MID-EBB	23-Jun-06			28.6	7.09	7.15		105.8	103.5	8.5	15.6	3,7	3,6		5.5	1
629	WFCZR2	м	MID-EBB	23-Jun-06	11:38	36.20	27.3	6.08	5.98	6.58	97.1	94.1	8,5	24,5	3.9	3.6	1	8.0	1
630	WFCZR2	В	MID-E88	23-Jun-06			26.7	5,63	5,48	5,56	95,3	89.9	8.5	27.4	3.9	3.9	3.8	5.0	6.2

G:\env\project\24583\env_data\Marine\06-06 : Data

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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	Temp.			Average				Salinity,		idity,		Suspended Solid,	Averaged
Lab ID	Location	Pasition	Tide	Sampling Date	Time	depth, m	°C	DO,	mg/L	value	ĐO, % s	aturation	pH, Unit	ppt	N	τυ	Value	mg/L	Value
631	WWA1	S	MID-FLOOD	23-Jun-06			27.5	6.53	6.49		101.7	100.5	7.9	23.1	4.6	4.6		9.5	
632	WWA1	м	MID-FLOOD	23-Jun-06	16:57	7.20	27,5	6,62	6.60	6.56	98.7	97.6	7.9	23.2	3.2	3.2		8.5	
633	WWA1	8	MID-FLOOD	23-Jun-06			27.5	6.79	6.63	6.71	98.8	97.5	7.9	23,2	3,8	3,8	3.9	11.5	9.8
634	WWA2	S	MID-FLOOD	23-Jun-06			27.8	6,75	6.63		103.2	101.6	7.9	21.9	4.1	4.1		11.5	
635	WWA2	M	MID-FLOOD	23-Jun-06	16:42	B.90	27.6	6.72	6.65	6.69	102.3	101.7	7.9	22.3	4.1	4.2		13.5	1
636	WWA2	B	MID-FLOOD	23-Jun-06			27.6	6.47	6.51	6,49	99,4	9B,7	7.9	22.2	4.0	3.9	4.1	13.5	12.8
637	WWA3	S	MID-FLOOD	23-Jun-06			27.7	6.27	6,13		110.2	109.0	7.9	21.7	3.9	3.9		10,5	
638	WWA3	M	MID-FLOOD	23-Jun-06	16:30	7.90	27.6	6.53	6.49	6.36	102.7	101,5	7.8	23.1	4.1	4.1		10.0	l l
639	WWA3	B	MID-FLOOD	23-Jun-06			27.5	6,47	6.43	6.45	102.3	101.6	7.9	22.9	4.4	4.2	4.1	15.0	11.6
640	WRA1	s	MID-FLOOD	23-Jun-06			27.5	6.24	6.13		112.3	109.5	7.9	17.2	3.2	3.7		4.5	
641	WRA1	M	MID-FLOOD	23-Jun-06	17:10	31.20	27,3	6,09	6.07	6.13	98.7	97.2	7.9	25.4	3.7	3.7		10,0	ĺ
642	WRA1	В	MID-FLOOD	23-Jun-06			27.1	5.96	5.83	5.91	96.8	95.4	7,9	25,3	4,2	6.2	4.1	13.0	9.2
643	WRA2	S	MID-FLOOD	23-Jun-06			27.7	6.32	6.13		109.2	108.3	7.9	17.2	3.4	3.7		11.0	
644	WRA2	м	MID-FLOOD	23-Jun-06	17:21	28.30	27.5	6.07	6.01	6.13	105.7	104.8	7.9	26,5	3,9	3.8		9.0	
645	WRA2	в	MID-FLOOD	23-Jun-06			27.3	5.99	5.83	5.91	101.5	100.3	7.9	26.9	4.3	4.1	3.9	14.0	11.3
646	WRA3	S	MID-FLOOD	23-Jun-06	:		27.9	6.12	6.11		108.7	107.2	7.9	17.3	4.2	4.2		8.5	
647	WRA3	М	MID-FLOOD	23-Jun-06	17:33	27.90	26,9	6.24	6,17	6.16	109.2	108.3	7.9	22.9	4.2	4.3		9.0	l
648	WRA3	В	MID-FLOOD	23-Jun-06			26.8	6.09	6.03	6.06	107.2	106,3	7.9	23.7	5.2	5.3	4.5	13.0	10.2
649	WWFCZ1	S	MID-FLOOD	23-Jun-06			27.1	6,63	6.47		114.2	112.7	7.9	17.2	4.2	4.1		10.0	
650	WWFCZ1	M	MID-FLOOD	23-Jun-06	18:12	37.40	27.0	5,71	5.82	6.13	98.3	97.2	7.9	25.8	5.3	5.1		9.0	Í
651	WWFCZ1	в	MID-FLOOD	23-Jun-06			27.0	5.6 9	5.66	5.68	94.9	93.2	7.9	23.4	5.4	5.3	4.9	15.5	11.5
652	WWFCZ2	S	MID-FLOOD	23-Jun-06			27,5	6.42	6.37		110.2	105.7	7.9	17.1	3.4	3.2		15,5	
653	WWFCZ2	м	MID-FLOOD	23-Jun-06	17:59	36.80	26.9	6.24	6.13	6.29	106.B	104.3	7.9	26.9	3,8	3.6		11.0	ĺ
654	WWFCZ2	В	MID-FLOOD	23-Jun-06			26.8	6,07	6.05	6,06	107.2	106.3	7.9	25.3	4.9	4.8	4.0	14.0	13.5
655	WFCZR1	s	MID-FLOOD	23-Jun-06			28.0	6.13	6.07		105.4	103.6	7.9	26.9	4.3	4.2		10.0	ł
656	WFCZR1	М	MID-FLOOD	23-Jun-06	18:24	40.90	26.3	5,98	5.96	6.04	98.7	97.5	7.9	25.3	5.2	5.1		12,0	i I
657	WFCZR1	8	MID-FLOOD	23-Jun-06			26.5	5.47	5.44	5.46	95.4	93.7	7.9	24.2	5.4	5,4	4.9	13.5	11.8
658	WFCZR2	S	MID-FLOOD	23-Jun-06			28.2	7.02	6.93		113.8	111.9	7.9	17.1	4.8	4.7		16.5	
659	WFCZR2	М	MID-FLOOD	23-Jun-06	17:45	37.50	28.1	6.58	6.49	6.76	95.7	94.5	7.9	23.9	4.1	4.1		12.5	
660	WFCZR2	8	MID-FLOOD	23-Jun-06			27.9	6.32	6.16	6.24	98.7	97.2	7.9	26,5	5.1	5,1	4.6	17.0	15.3

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

Ma	arine	Water	Quality	Impact	Monitoring	
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				l i		Water	Temp.			Average				Salinity,	Turb			Suspended Solid,	
Lab iD	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	-	vaiue	DO, % s		pH, Unit	ppt	N		Value	mg/L	Value
661	WWA1	Ş	MID-EBB	26-Jun-06			29.5	6.12	6.08		99.4	99,0	7.6	16.7	3.9	3.9		9.0	
662	WWA1	м	MID-EBB	26-Jun-06	13:49	6,90	29.3	5.86	5.82	5.97	88.2	87.7	7.6	16.7	4.1	4.1		9.5	
663	WWA1	В	MID-EBB	26-Jun-06			29.1	5.60	5.54	5,67	85.4	85.1	7,6	16.8	3.2	4.1	3.9	12.0	10.2
664	WWA2	s	MID-EBB	26-Jun-06			29.5	6.16	6.0 9		100.6	99.6	7.4	16.5	3.2	3.2		9.0	4
665	WWA2	M	MID-EBB	26-Jun-06	13:40	10.00	29.5	5.53	5.43	5.60	90.1	92.2	7.4	16.5	3.1	3.1	<u> </u>	9.5	4
666	WWA2	B	MID-EBB	26-Jun-06			29.4	5.54	5.48	5.51	87.4	87.0	7.4	16.7	2.3	2.9	3.0	9.5	9.3
667	WWA3	S	MID-EBB	26-Jun-06			29.7	6.56	6.48		112.6	108.2	7.3	16.B	4.2	4.2	1	8.5	
668	WWA3	м	MID-EBB	26-Jun-06	13:30	6.60	29.6	6,06	6.00	6.28	96.2	94.0	7.3	16,7	4.9	4.8		9.0	1
669	WWA3	B	MID-EBB	26-Jun-06			29.4	5.67	5.62	5,65	90.2	91.6	7.3	16.9	4.0	3.9	4.3	10.5	9.3
670	WRA1	s	MID-EBB	26-Jun-06			28.9	6.15	6,08		96.4	96.0	8.0	15.6	4.2	4.2		<u>t1.5</u>	1
671	WRA1	м	MID-EBB	26-Jun-06	14:00	31.00	27.7	5.65	5.60	5.87	86.4	86.2	8.0	24.5	5.2	5.1		13.0	
672	WRA1	В	MID-EBB	26-Jun-06			27.3	5.47	5,45	5.46	85.8	85.2	8.0	24.9	4.3	4.2	4.5	14.5	13.0
673	WRA2	S	MID-EBB	26-Jun-06			29.2	6.23	6.08		94.8	92.6	7.4	16.0	4.0	3.7		11.5	
674	WRA2	M	MID-EBB	26-Jun-06	14:13	26.10	28.3	5.86	5.81	6,00	92.7	92.1	7.4	20.3	4.2	4.2]	8.0	
675	WRA2	в	MID-EBB	26-Jun-06			27,4	5.89	5.94	5.92	85,4	85.2	7.4	26.3	5.2	5.2	4,4	10.5	10.0
676	WRA3	S	MID-EBB	26-Jun-06			29.4	6.02	6.01		98,2	94.9	7.5	15.7	4.3	4.2	1	15.5	
677	WRA3	M	MID-EBB	26-Jun-06	14:22	27.50	28.7	5.86	5.83	5.93	99.0	98.8	7.5	18.1	5.1	5.2	1	8.5	1
678	WRA3	В	MID-EBB	26-Jun-06			28.2	5.58	5.42	5.50	8B.6	88.4	7.5	20.4	5.0	4.7	4.7	13.0	12.3
679	WWFCZ1	S	MID-EBB	26-Jun-06			28.1	5.93	5.87		91.9	91.3	8.1	19.4	4.1	5.1		8.0	1
660	WWFCZ1	M	MID-EBB	26-Jun-06	15:02	35.90	27.6	5.54	5.57	5.73	86,5	86.2	8.1	22.2	5.3	5.1		4.5	
681	WWFCZ1	B	MID-EBB	26-Jun-06			26.6	5.50	6.48	5.49	86.0	85.4	8.1	26.8	4,0	3.9	4.6	5.5	6.0
682	WWFCZ2	S	MID-EBB	26-Jun-06			29.2	5.91	5.87		98,6	91.4	8.2	15.9	4.1	4.2	1	8.0	
683	WWFCZ2	M	MID-EBB	26-Jun-06	14:47	37.40	28.0	5.68	5.64	5.78	86.8	85.3	8.2	21.2	3.9	3.8]	4.0	
6B4	WWFCZ2	B	MID-EBB	26-Jun-06			26.7	5.56	5.53	5.55	84.4	84.3	8.3	27.7	5.4	5.1	4,4	9.5	7.2
685	WFCZR1	S	MID-EBB	26-Jun-06			27.8	5.70	5,68		89.7	86.8	8.1	21.5	4,2	4.0		10.0	
686	WFCZR1	м	MID-EBB	26-Jun-06	15;15	40.70	27.0	5.66	5.60	5.66	89,4	88.0	8.1	20.8	3.9	3.7		7.5	
687	WFCZR1	В	MID-EBB	26-Jun-06	1	1	26.8	5.42	5.48	5.45	86.2	86.7	8.1	27.4	4.2	4.1	4.0	5.5	7.7
686	WFCZR2	S	MID-EBB	26-Jun-06			29.7	5.92	5.96		98.7	96.4	8.2	15.0	4.0	4.1		8.0	
689	WFCZR2	M	MID-EBB	26-Jun-06	14:35	41.20	27.5	5,60	5.61	5.77	92.0	90.4	8.2	22.7	4.7	4.3	1	4.0	
690	WFCZR2	В	MID-EBB	26-Jun-06	1		27.2	5.48	5.44	5.46	86,0	84.0	8.2	25.1	4.3	4.2	4.3	5.0	5.7

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HY/2005/05 Castle Peak Road Improvement - West of Tsing Lung Tau - Environmental Monitoring Audit Service Marine Water Quality Impact Monitoring

						Water	Temp.		N	Average			·	Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,		value	DO, % s		pH, Unit	ppt	N		Value	mg/L	Value
691	WWA1	Si	MID-FLOOD	26-Jun-06			27.8	6.30	6.39		100.2	99.2	8,4	18.5	4.3	4.1		7.5	4
692	WWA1	М	MID-FLOOD	26-Jun-06	9:20	8.20	27.8	5.74	5.68	6.03	86.0	84.8	8.4	23.6	3.9	3.7		6.0	
693	WWA1	B	MID-FLOOD	26-Jun-06			27.8	5,46	5,44	5.45	85.0	84.8	8.4	26.0	4.1	4.0	4.0	8.5	7.3
694	WWA2	Ś	MID-FLOOD	26-Jun-06			28.1	6.47	6.38		96,9	98.1	8.3	21.2	4.2	4.2		6.0	-
695	WWA2	M.	MID-FLOOD	26-Jun-06	9 :11	11.80	27.3	5.57	5,50	5.98	90.5	87.8	8.3	25.0	3.8	3.7		8.0	4
696	WWA2	В	MID-FLOOD	26-Jun-06			27.4	5.47	5.42	5.45	89,2	86.8	8.3	26.2	4.1	4.1	4.0	6.0	6.7
697	WWA3	S	MID-FLOOD	26-Jun-06			28.9	6.50	6.45		97,9	96.6	8.4	18,3	4.2	4.1		6.5	4
698	WWA3	м	MID-FLOOD	26-Jun-06	9:00	8.80	28.2	5.97	5.91	6.21	90.3	89.9	8.4	22.4	3.9	3.8		9.0	4
699	WWA3	В	MID-FLOOD	26-Jun-06			27.4	5.58	5.49	5.54	88.8	B6.4	8.4	26.0	4.7	4.7	4.2	6.5	7.3
700	WRA1	S	MID-FLOOD	26-Jun-06			28.9	5.99	6.02		102.6	102.2	8.4	17.8	3.2	3.3		7.0	4
701	WRA1	М	MID-FLOOD	26-Jun-06	9:33	34.10	26,6	5.69	5.59	5.82	88.4	86.6	8.4	29.1	4.4	4.3		8.5	4
702	WRA1	В	MID-FLOOD	26-Jun-06			26.0	5.45	5.41	5,43	86.6	86.2	8,4	30.2	4.4	4.7	4.0	9.0	8.2
703	WRA2	S	MID-FLOOD	26-Jun-06			28.6	6.20	6.11		102.8	103.3	B.4	17,8	3.4	3.5		9.0	-
704	WRA2	М	MID-FLOOD	26-Jun-06	9:45	29.30	26.9	6.00	5.88	6,05	88.6	86.8	8.4	27.1	4.0	4.1		6.0	1
705	WRA2	В	MID-FLOOD	26-Jun-06			25.9	5.54	5.49	5.52	86.4	85.2	8.4	31,1	5.2	5.3	4.2	11.0	8.7
706	WRA3	s	MID-FLOOD	26-Jun-06			28.8	6.32	6.10		107.4	106.1	8.0	17.3	4.3	4.2		7.5	j
707	WRA3	м	MID-FLOOD	26-Jun-06	9:57	29.00	26.8	5,96	5.90	6.07	92.7	90.3	8.0	27.0	4.3	4.5		9.0	
708	WRA3	В	MID-FLOOD	26-Jun-06			25,4	5.88	5.87	5.68	B5.4	82.8	8.0	28.2	4.6	4.4	4.4	10.5	9.0
709	WWFCZ1	s	MID-FLOOD	26-Jun-06			28.7	6.49	6.38	1	108.6	101.9	8.4	17.3	4,2	3.9		9.0	
710	WWFCZ1	м	MID-FLOOD	26-Jun-06	10:34	36.20	27.0	5,63	5.58	6.02	91.8	88.7	8.4	26.6	4.1	4.1	}	6.0	
711	WWFCZ1	B	MID-FLOOD	26-Jun-06			26.6	5.66	5.60	5.63	86.8	85.9	8.4	28.0	5.1	5.1	4.4	6,5	7.2
712	WWFCZ2	s	MID-FLOOD	26-Jun-06			29.1	7.06	7.04		115.1	114.3	8.3	17.0	4.0	4.2		6.5	
713	WWFCZ2	M	MID-FLOOD	26-Jun-06	10:22	38.50	27.3	5.66	5.61	6.34	85.2	84.6	6.3	26.6	3.8	3.8]	15.5	
714	WWFCZ2	В	MID-FLOOD	26-Jun-06			26.0	5.49	5.45	5.47	84.6	85.2	8.3	29.0	5.0	4.2	4.2	8.0	. 10.0
715	WFCZR1	S	MID-FLOOD	26-Jun-06			28.9	6,81	6.71		109.7	110.3	8.4	16.8	3.1	3.1		16.0]
716	WFCZR1	М	MID-FLOOD	26-Jun-06	10:46	45.40	27.4	5.88	5.81	6.30	90.5	89.1	8.4	24.7	3.9	3.8]	17.5]
717	WFCZR1	В	MID-FLOOD	26-Jun-06		1	25.9	5.48	5.46	5.47	87.8	87.7	8,4	30.5	4.2	4.2	3.7	14.5	16.(
718	WFCZR2	s	MID-FLOOD	26-Jun-06			28.9	7.00	7.02	İ	113.0	112.7	8.5	17.6	3.9	3.9	1	6.5	
719	WFCZR2	м	MID-FLOOD	26-Jun-06	10:09	44.90	26.5	5.96	5.90	6.47	89,6	B8.7	8.5	30.1	4,7	4.3	1	6.0	7
720	WFGZR2	B	MID-FLOOD	26-Jun-06	1	1	26.2	5.81	5.76	5.79	84.7	84.0	8.5	29.7	3.9	3.7	4.1	7.5	6.7

Water emp Salinity Turbidity, Averageo Value Suspended Solid. Averaged Value Averan °C DO, mg/L value DO. % saturation NTU Lab ID Location Position Tide Sampling Date Time pH, Uni depth, n mg/L ppt WWA1 \$ MID-EBB 27.0 5.24 5.17 93.5 92.7 4.0 3.9 721 28-Jun-06 8,1 20,9 8.0 WWA1 MID-EBB 15:24 6 80 5.86 5.73 722 М 28-Jun-06 26.9 5.50 96.3 95.4 8.1 22.7 3,9 3.4 9,0 MID-EBB 723 WWA1 в 28-Jun-06 26,8 5,99 5.87 5.93 93.9 8.1 24.2 92.7 3.7 3.7 3.7 9,0 8.7 WWA2 s MID-EBB 5.81 5,75 724 28-Jun-06 27.1 92.7 8.1 3.8 91,3 23.1 3.6 3.4 15:11 9.70 WWA2 М MID-E88 28-Jun-06 27.0 5.43 725 5,54 5.63 93.4 92.8 8.1 23.9 4.2 4.1 7.0 WWA2 в MID-EBB 98.3 8.1 23.7 9.0 726 28-Jun-06 5.97 5.83 5.90 99.5 4.0 3.8 3,9 27.0 6.6 WWA3 MID-EBB 28-Jun-06 92.7 8.1 727 s 27.1 5.86 5,77 93,8 22,9 8.5 3,9 3.8 15:00 6.80 MID-EBB 728 WWA3 м 28-Jun-06 27.0 6.09 5.83 5.89 94.6 92.3 8.1 23.1 4.0 4.2 8.0 WWA3 в MID-EBB 729 28-Jun-06 26.9 5.75 5.72 5.74 96.9 95.8 8.0 23.5 3.9 3.7 3.9 5.5 7.3 WRA1 s MID-E88 730 28-Jun-06 27.1 6.37 6.28 94.7 93,8 8.1 20.1 3.2 3.2 3.5 15:40 31.30 WBA1 М MID-E88 731 28-Jun-06 27.3 6.14 6.09 6.22 97.2 96.7 8.1 25.7 4.2 4.1 7.0 732 WRA1 в MID-E88 28-Jun-06 27.1 5.68 5.76 5.82 94.8 93.5 8.1 27.9 4.1 4.3 3.9 7.5 6.0 7.0 733 WRA2 s MID-EBB 28-Jun-06 27.2 5.84 5.73 92.1 91.6 8.1 19.8 4.0 3.6 15:53 27.10 M 734 WRA2 MID-EBB 28-Jun-06 27.1 5.81 5.75 5 7B 95.3 94.2 81 22.3 3.8 3.8 5.0 MID-EBB 735 WRA2 в 28-Jun-06 27.1 5.77 5.69 5.73 93.9 92.7 8.1 23.8 4.9 4,9 4.2 7.5 6.5 736 WRA3 s MID-EBB 28-Jun-06 27.1 6.21 6.16 98.7 96.5 8.1 19,7 4.2 4.2 4.5 26.90 16:06 737 WRA3 M MID-F88 28-Jun-06 27.0 5.97 5 B4 6.05 95.4 92.3 8.1 20.3 45 4.5 75 738 WRA3 B MID-EBB 28-Jun-06 27.0 5.89 5.81 5.85 03.8 01.6 8.1 22.6 4.5 4.5 4.4 55 5.8 739 WWFC71 s MID-FBB 28-Jun-06 27.5 5.54 6,51 96.7 95.4 8.1 19.5 4,2 4.2 5.0 34,80 16:47 740 WWFCZ1 м MID-EBB 28-Jun-06 27.4 5.46 5.39 5 4 8 91.3 88.6 8.1 24.7 4.2 4.2 6.0 741 WWFCZ1 8 MID-EBB 28-Jun-06 27.4 5.75 5.63 5.69 93.2 91.9 8.1 25.1 4.1 4.1 4.2 7.0 6,0 742 WWEC72 2 MID-EBB 28-Jun-06 27.3 5.91 5 88 03.2 91.8 8.1 1B.4 4.3 4.2 5.0 16:33 37.20 743 WWFCZ2 м MID-EBB 28-Jun-06 27.3 5.79 5.85 5.86 92.7 91.6 8.1 23.9 4.0 3.8 5.0 744 WWFCZ2 B MID-EBB 28-Jun-06 27.3 5.63 5.51 5.57 87.2 86.9 8.1 26,8 4.0 3.5 3.9 8.0 6.0 745 WFCZR1 s MID-EBB 28-Jun-06 27.5 6.07 6.01 90.7 90.1 8.1 19.7 4.1 4.0 9.0 17:01 39.60 746 WECZB1 м MID-EBB 28-Jun-06 27.4 5.69 5.57 5.84 88.3 88.7 8,1 23,5 3.B 5.5 3.6 747 WECZB1 8 MID-EBB 28-Jun-06 27.4 5.76 5.71 5.74 93.8 92.7 8.1 24.9 4.1 4.2 5.5 3.9 6.7 748 WFCZR2 s MID-EBB 28-Jun-06 27.3 6.31 6.29 97.6 96.1 8.1 21.2 3,9 3.9 4.0 749 WFCZR2 М MID-EBB 28-Jun-06 16:20 40.50 27.3 6.13 6.09 6.21 93.7 92.B 8,1 22.7 4.5 4.3 9.0 750 WFCZR2 B MID-EBB 28-Jun-06 27.1 5.82 5.81 5.82 91.6 90.8 8.1 24.5 4.1 4.1 10,5 7.6 41

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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	Temp.			Average				Salinity,	Turb			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C		mg/L	value	DO, % s	aturation	pH, Unit	ppt	N	τυ	Value	mg/L	Value
751	WWA1	S	MID-FLOOD	28-Jun-06			27.2	6.31	6.21		98.3	95,5	8.1	20.7	3.9	3.9		5.5	
752	WWA1	M	MID-FLOOD	28-Jun-06	9:00	7.50	27.1	5.97	5.BO	6.07	99.0	95.4	8.1	23.0	4.2	4.2		6.5	
753	WWA1	В	MID-FLOOD	28-Jun-06			27.1	6.11	5.95	6.03	94.6	91.5	8.1	23,4	3.6	3,6	3.9	9.0	7.0
754	WWA2	S	MID-FLOOD	28-Jun-06			27.1	5,91	6.75		93.6	92.0	8.1	22.3	4.0	3.9		9,0	
755	WWA2	M	MID-FLOOD	28-Jun-06	9:13	10.30	27.1	6.02	5.88	5.89	94.0	92.5	8.1	22,9	4.1	4.3		7.5	
756	WWA2	₿	MID-FLOOD	28-Jun-06			27.1	6,02	5.86	5.94	92.3	90.6	8.0	23.0	3.8	3.6	3.9	8.5	B.3
757	WWA3	s	MID-FLOOD	28-Jun-06			27.1	5.95	5.77		97.7	94.3	8.1	21.8	4.0	3,9		5.6	
758	WWA3	м	MID-FLOOD	28-Jun-06	9:27	7.20	27.1	6,07	5,85	5,91	95,B	93,8	8.1	23.1	4.2	4.3		10.0	
759	WWA3	в	MID-FLOOD	28-Jun-06			27.1	6,15	5.88	6.02	97.3	94.2	8.0	23.1	4.0	3.8	4.0	5.0	6,8
760	WRA1	S	MID-FLOOD	28-Jun-06			27.2	6.45	6.13		95.8	94,9	8.1	19.2	4.2	4.3		6.8	
761	WRA1	м	MID-FLOOD	28-Jun-06	10:07	32.50	26.9	6.02	5.80	6.10	9 8.8	95.1	8.1	26.4	5.1	5.1		8,5	
762	WRA1	В	MID-FLOOD	28-Jun-06			26.9	5.68	5.47	5.58	96.5	92.8	8.1	28.4	4.3	4.2	4.5	11.5	9.6
763	WRA2	Ş	MID-FLOOD	28-Jun-06			27.1	6.04	5.88		9 4.6	93.0	8.1	21.7	3.9	3.7		12.0	
764	WRA2	м	MID-FLOOD	28-Jun-06	9:5B	28.30	27.1	5.95	5.76	5.91	96.3	92.9	8.1	23.9	3.9	3.9		9.5	
765	WRA2	В	MID-FLOOD	28-Jun-06			27.0	5.72	5.53	5.63	97.6	93.8	8.1	24.6	5.2	5.1	4.3	10,0	10,5
766	WRA3	S	MID-FLOOD	28-Jun-06			27.2	6,33	6,17		99.5	96.8	8.1	19.4	4.9	4.6		9.0	
767	WRA3	м	MID-FLOOD	28-Jun-06	9:45	27.90	27.0	6.00	5.75	6.06	94.9	91.4	8.1	21.9	4.8	4.7		4.0	
768	WRA3	в	MID-FLOOD	28-Jun-06			27.0	5,B8	5.62	6.75	94.B	90.9	8.1	23.7	4.8	4.6	4.8	8.0	7.0
769	WWFCZ1	s	MID-FLOOD	28-Jun-06			27.3	5.60	5.53		96.8	93.3	8.1	19.3	4.1	4,3		5,0	
770	WWFCZ1	м	MID-FLOOD	28-Jun-06	10:40	35.20	26,9	5,57	5.42	5.53	90.0	86.7	8.1	25.8	5.1	5.2		7.5	
771	WWFCZ1	В	MID-FLOOD	28-Jun-06			27.0	5.68	5.67	5.78	95.1	91.3	8.1	24.0	4.2	4.2	4.5	7.0	6.5
772	WWFCZ2	s	MID-FLOOD	28-Jun-06			27.2	6.20	6.02		97.1	95.1	8.1	19.4	4.4	4.3		9.0	
773	WWFCZ2	м	MID-FLOOD	28-Jun-06	10;19	37.90	27.2	5.80	5.56	5.90	93.0	89.4	8.1	23.8	3,9	3.8		6.5	1 I
774	WWFCZ2	В	MID-FLOOD	28-Jun-06			27.0	5.82	5.62	5.72	86.0	82.2	8.1	26.6	4.1	4.1	4.1	4,5	6.7
775	WFCZR1	s	MID-FLOOD	28-Jun-06			27.3	6.17	6.01		90.8	90.3	8,1	19,5	4.2	4.4		4.0	
776	WFCZR1	М	MID-FLOOD	28-Jun-06	10:55	40.70	27.1	5.72	5.52	5.86	92.7	88.0	8.1	23.3	3.9	3.7		4,3	
777	WFCZR1	В	MID-FLOOD	28-Jun-06			27.1	6.07	5.84	5,96	99.7	94.2	B.1	22.7	4.1	4.1	4.1	11.0	6.4
778	WFCZR2	S	MID-FLOOD	28-Jun-06			27.1	6.48	6.32		99.1	96.3	8,1	20,2	3,8	3,9		4,0	
779	WFCZR2	М	MID-FLOOD	28-Jun-06	10:27	40.60	27.1	5.83	5.63	6.07	94.3	89.9	8.1	23.3	4.6	4.5		7.0	
780	WFCZR2	В	MID-FLOOD	28-Jun-06			26,9	5,66	5,43	5,55	97.7	91.0	B.1	27.4	4.1	4.3	4.2	15.0	8.7

	· · · · · · · · · · ·	1		I Î		Water	Temp.			Average				Salinity,	Turbi			Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	-	value			pH, Unit	ppt	N	_	Value	mg/L	Value
761	WWA1	S	MID-EBB	30-Jun-06			27.9	5.84	5.70		95.6	92.1	7.4	21.5	3.9	4.2		4.5	4
782	WWA1	M	MID-EBB	30-Jun-06	15:20	7.30	27. 9	5.90	5,83	5.82	96.0	93,0	7.4	21.5	4.1	4.2		5.0	1
783	WWA1	В	MID-EBB	30-Jun-06			27.7	5.87	5.78	5.63	98,2	93.0	7.4	22.1	5.2	5.4	4.5	6.5	5.3
784	WWA2	s	MID-EBB	30-Jun-06			28.0	5.72	5.65		94.7	89.6	7.4	21.5	4.2	3.9		4.5	1
785	WWA2	м	MID-E8B	30-Jun-06	15:11	9.50	27.8	5.93	5.61	5.78	95.4	94.6	7.4	21.7	2.8	3.0		5.8	4
786	WWA2	В	MID-EBB	30-Jun-06			27.7	5,87	5.78	5.83	98.6	93.5	7.4	22.2	3.7	3.5	3,5	6.0	5.4
787	WWA3	s	MID-EBB	30-Jun-06			28.4	6.18	6.02		92.5	86.3	7.4	14.6	4.1	4.3	1	8.5	4
786	WWA3	м	MID-EBB	30-Jun-06	15:00	7.20	27.8	5.73	5.6B	5.90	98.9	94.3	7.4	22.0	4.1	4.2]	7.5	
789	WWA3	8	MID-EBB	30-Јил-06			27.9	5.87	5.81	5.84	97.6	94.4	7.4	21.4	4.8	4.5	4,3	10.0	8.7
790	WRAI	S	MID-EBB	30-Jun-06			27.9	5.86	5.76		96.4	92.5	8.1	21.3	3.2	3.4		4.5	1
791	WRA1	м	MID-EBB	30-Jun-06	15:31	28.30	27.5	5.7B	5.65	5.76	98.0	93.4	8.1	22,6	3.6	3.3		6.0	
792	WRA1	в	MID-EBB	30-Jun-06			26.5	5.56	5.52	5.54	95.0	89.2	8.1	27.8	4.5	4.5	3.7	12.0	7.5
793	WRA2	S	MID-EBB	30-Jun-06			27.9	6,10	5.96		101.8	97.B	8.1	21.7	4,4	4.7		4.3	
794	WRA2	. M	MID-EBB	30-Jun-06	15:42	27.00	27.6	5.73	5.63	5.86	98,7	93.7	8.1	22.6	4.0	3.7		4.0	
795	WRA2	В	MID-EBB	30-Jun-06			27.2	5,50	5.45	5.48	9 1.7	87,3	8.1	24.7	3,8	3.6	4.0	7.0	5.1
796	WRA3	s	MID-EBB	30-Jun-06			27.7	5.74	5.63		96.7	91.4	8.1	20,4	4.1	4.3		6.0	
797	WRAS	M	MID-E88	30-Jun-06	15:54	26.40	27.5	5.59	5,49	5.61	100.9	95.8	8.1	22.2	4.4	4.6	}	5.0	
798	WRA3	В	MID-EBB	30-Jun-06			27.5	5.69	5.59	5.64	94.8	90.2	8.1	24.9	5,2	5.1	4.6	8,5	6.5
799	WWFCZ1	S	MID-EBB	30-Jun-06			27.7	5.89	5.81		101.9	95.1	8,1	21.6	3.9	3,8		5.5	
800	WWFC21	м	MID-EBB	30-Jun-06	16:34	32.80	27.2	5.87	5.81	5.85	94.5	89.1	8.1	24.4	2.7	2.8		7.0].
801	WWFCZ1	В	MID-EBB	30-Jun-06			. 27.1	5.60	5.48	5,54	95.3	87.8	8,2	25.2	4.0	4.0	3.5	7,0	6.5
802	WWFCZ2	S	MID-EBB	30-Jun-06			27.8	5,90	6.86		99.3	90,3	8.1	21.6	3,9	3.7		4.0	
803	WWFCZ2	M	MID-EBB	30-Jun-06	16:22	30.90	26.8	5.92	5.88	5.89	91.6	84.7	B.1	26.7	3.8	3.6		15.0	
804	WWFCZ2	В	MID-EBB	30-Jun-06			26.2	5.77	5.66	5.72	94.9	8B.5	8.2	28.9	4.2	4.1	3.9	15.0	11.3
805	WFCZR1	S	MID-EBB	30-Jun-06			27.6	5.93	5.88	1	98.9	93.9	8.1	22.5	2.3	2.4	1	10.5	
806	WFCZR1	M	MID-EBB	30-Jun-06	16:47	40.00	27.2	5.63	5.57	5.75	93.1	88.1	8.1	24.4	4.0	3.8	J	5.0	
807	WFCZR1	В	MID-EBB	30-Jun-06			27.2	5.46	5.41	5.44	97.5	93.6	8,1	24.5	4.2	4.7	3.6	2.8	6.1
808	WFCZR2	S	MID-EBB	30-Jun-06			27.8	5.97	5.88		92.4	89,9	8.1	21.0	4,9	4.8]	5,0	
809	WFCZR2	м	MID-EBB	30-Jun-06	16:10	39,30	27.4	5.62	5.50	5.74	93.5	89.9	8.1	23.8	4.0	3.9		5.5	
810	WFCZR2	В	MID-EBB	30-Jun-06			26.7	5.61	5.42	5.47	89.8	84.4	8.1	26.9	4,0	3.8	4.2	6.5	5.7

G:\env\project/24583\env_data\Marine\06-06 : Data

Page 27 of 28

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

		-				Water	Temp.			Average				Salinity,		idity,		Suspended Solid,	
Lab ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO,	<u> </u>	value	DO,% s	-	pH, Unit	ppt	N		Value	mg/L	Value
811	WWA1	S	MID-FLOOD	30-Jun-06			27.1	6.13	5.98		99.6	92.7	8.1	25.4	3.0	2.7		9.0	4
812	WWA1	M	MID-FLOOD	30-Jun-06	10:30	8.30	27.1	5.80	5.68	5.90	99.8	94.4	8,1	25.4	2.5	2.4		4.5	4
813	WWA1	В	MID-FLOOD	30-Jun-06			27.0	5.46	5.41	5.44	93.4	B8.7	8.1	25.4	3.9	3.6	3,0	8.0	7.2
814	WWA2	S	MID-FLOOD	30-Jun-06			27.0	6.11	5,98		94.8	89.2	8.2	25.2	3.5	3,7		6,0	4
815	WWA2	M	MID-FLOOD	30-Jun-06	10:40	9.80	27.0	5.67	5.57	5.83	92.8	89.5	8.1	25.4	3.2	3.2		6.0	4
816	WWA2	В	MID-FLOOD	30-Jun-06	_		27.0	5,86	5.73	5.80	91.8	85,8	8.1	25.4	4,1	4,1	3.6	8,0	6.7
817	WWA3	S	MID-FLOOD	30-Jun-06			27.0	5. 9 9	5,90		97.7	96.0	8.1	25.5	3.8	3.6		6.5	4
618	WWA3	Μ	MID-FLOOD	30-Jun-06	10:50	7.90	27.0	5.82	5.75	5.87	96.4	89.8	8.1	25.5	3.9	3.9		8.5	4
819	WWA3	В	MID-FLOOD	30-Jun-06			26.9	5.56	5,41	5.49	91.7	87.1	B,1	25.5	4.2	4.1	3.9	8.5	7.8
820	WRA1	s	MID-FLOOD	30-Jun-06			27.2	5.99	5.96		97.4	90.0	8.1	25.1	2.8	2.8		4.0	4
821	WRA1	М	MID-FLOOD	30-Jun-06	10:15	30,50	26.8	5.80	5.71	5.87	97.7	85.0	8,1	26.7	3.2	3,5		5.0	1
822	WRA1	в	MID-FLOOD	30-Jun-06			26.7	5.60	5.58	5.59	94.7	89.6	8.1	26.7	4.7	4.7	3.6	6.5	5.2
823	WRA2	S	MID-FLOOD	30-Jun-06			27.0	5.79	5,6B		93.8	88.9	8.1	24.9	4.0	3.8		7.0	
824	WRA2	м	MID-FLOOD	30-Jun-06	10:02	28.60	27.0	5.58	5.54	5.65	96.6	91,8	8.1	25.7	4.0	3.8	Į	6.5	_
825	WRA2	В	MID-FLOOD	30-Jun-06			27.1	5.35	5,50	5.43	95.3	69.7	8.1	27.2	5.2	5.1	4.3	10.0	7.8
826	WRA3	s	MID-FLOOD	30-Jun-06			27.0	6.02	5.89		94.8	93.3	8.1	25.1	4,9	4.5		8,5	
827	WRA3	м	MID-FLOOD	30-Jun-06	9:50	27.50	27.0	5.94	5.80	5,91	91.1	87.4	8.1	25.4	4.3	4.4		15.5	
828	WRA3	В	MID-FLOOD	30-Jun-06			26.3	5.72	5.69	5.71	92.3	87.0	8.1	28.6	4.2	4.3	4.4	11.0	11.7
829	WWFCZ1	s	MID-FLOOD	30-Jun-06			27.3	5.86	5.52		99.4	93.7	8.1	23,9	2.9	2.8		7.0	
830	WWFCZ1	м	MID-FLOOD	30-Jun-06	9:14	30.10	26.9	5.77	5.57	5.6B	98.7	95.0	8.1	25.4	3.6	3.6	1	6.5	1 A 1
831	WWFCZ1	в	MID-FLOOD	30-Jun-06			26.5	5.51	5.41	5.46	95.2	89.8	8.1	27.5	4.2	4.3	3.5	5.0	6.2
832	WWFGZ2	S	MID-FLOOD	30-Jun-06			27.2	5.99	5.90		96,1	88.7	8.1	25.6	4.2	4.1		7.5	
833	WWFCZ2	м	MID-FLOOD	30-Jun-06	9:26	42.10	27.0	5.67	5.62	5.80	95.1	89.9	8.1	25.6	3.7	3.8]	5.0	
834	WWFCZ2	В	MID-FLOOD	30-Jun-06			26.3	5,70	5.56	5.63	95.1	89.0	8.1	28.2	4.5	4.5	4.1	10.0	7.5
835	WFCZR1	s	MID-FLOOD	30-Jun-06			27.3	5.82	5.70		97.4	91.1	8.1	24.2	3.9	3.7		7.5	
836	WFCZP1	М	MID-FLOOD	30-Jun-06	9:00	42.80	26.5	5.69	5.65	5.72	94.0	88.4	8.1	27.7	3.0	2.7]	15.0]
837	WFCZR1	в	MID-FLOOD	30-jun-06			26.4	5.60	5.53	5.57	94.2	86.1	8.1	28.1	3,3	3.2	3.3	4,5	9.0
838	WFCZR2	S	MID-FLOOD	30-Jun-06			27.2	5.49	5.40		97.9	86.0	8.1	14.5	4,1	4.2		. 9.0	
839	WFCZR2	M	MID-FLOOD	30-Jun-06	9:3B	40.70	26.3	5.62	5.49	5.50	98.0	90.9	8.1	28.2	3.3	3,1	1	8.5]
840	WFCZR2	B	MID-FLOOD	30-Jun-06			25.9	5.74	5,77	5.76	99.8	91.0	8.1	30.7	4.3	4.2	3.8	4.5	7.3

Appendix E Records on C&D Materials Disposal Form (delivered by barge)

. . Please stick contract no. barcode above Serial No. 0000922604 [Information contained in this form may be displayed on Internet 此表格所載資料可被上載於互聯網) Chop of Engineer's/Architect's Representative □ Outlying Islands 請在上方貼上合約編號條碼 216.96 Vehicle Licence Plate Number: 建築師代表蓋印 Location of Site: 口 Sai Kung 西貢 地盤位置 ENGINEERS REPRESENTATIVE C Shatin シ田 調調 AUTHORIZED CHOP FOR HY/2005/06 HV200506-VLHM 車牌號碼: 口 Wong Tai Sin 黄大仙 工種語、 □. Tuen Mun Southern 也可 画画 **Construction and Demolition Materials** C Kowloon City ģ Tsuen. Wan 力龍城 口 Eastern 東區 口Full漸 ime of departure from site: I Tai Po 玉浦 變達 टे **Disposal Delivery Form** 離開地盤時間学 Chop of Designated Public Filling Facility/Landfill Approximate 1.9月以前王子/4、区门/2、53/4 拆建物料運載記錄票 2135 JUN 20 Facility/Landfill: Shamshuipo /堆填區蓋印 Kwai Tsing 深火制 NE BER THE M 🗌 Wanchai North 테메라 凝着 適任 、推道配 Fill Bauk ut **Designated Public Filling I** 公眾填土設施/ 2 Central & Western 指定公眾填土設施 Yau, Tsim, Mong 日期:<u>入の/め</u> Kwun Tong Yuen Long 大約承載量 中西區 油头旺 元朗 觀塘 CEDD Date: Ē ities Outlying Islands Transfer Facilities 號碼 Vehicle Registration Mark: 飾選分類設施 Sorting Facili 乙部份:由廢物運輸商保留。 5005654 CHUN WO CONSTRUCTION ーという影い One Prescribed Facility: 07 X0 & ENGINEERING CO. J Bank at Name of the Account-holder: Public Fill Reception در ا -個訂明設施: 羅島廢物轉運設施。 公眾填料接收設施 Landfills 国際號碼で 入帳票編號 Date of Use: Issued by: 服尸伯稱 更用日期: Account Chit No. 関揮「 簽發人 感回答 ICK

Serial No. 0000922594 Information contained in this form may be displayed on Internet 此表格所載資料可被上載於五聯網) Please stick contract no. barcode above Chop of Engineer's/Architect's Representative **Outlying Islands** 請在上方貼上合約編號條碼 Vehicle Licence Plate Number 1696 1 工程師/建築師代表蓋印 Location of Site: 口 Sai Kung 西貢 -----ENGINEERS REPRESENTATIVE 地盤位置 AUTHORIZED CHOP FOR HY/2005/06 Shatin 田 離息 Contract No. 117/2005/0 **VLHM** £ HX200506 **車牌號碼**: Wong Tai Sin • Tuen Mun Southern 黄大仙 も見 宦臣 **Construction and Demolition Materials** Π **Kowloon City** Tsuen Wan 九龍城 Time of departure from site: Approximate Load; □ 1/4 □ 1/2 4 3/4 □ Fuil 渐 □ Eastern 資産 🗂 Tai Po 大種 東區 **Disposal Delivery Form** 5. 词 IP · MIL MIL MIL Chop of Designated Public Filling Facility/Landfill 離開地盤時間 防建物料運載記錄票 「国家学生」、「国家局」 en fran Araa 33 Designated 'Public Filling Facility/Landfill Shamshuipo Kwai Tsing 、雉填區蓋印 Fill Bank at 深水埗 🗆 Wanchai ノ魚道隔三 North 蒸制 區北 上瀻 Π 00-指定公眾填土設施、 Central & Western 🗌 Yau, Tsim, Mong ちょう Kwun Tong Yuen Long 油头旺 大約承載量 中西區 CEDD 氏感 觀塘 日期:《 Date: []] П **Outlying Islands Transfer Facilities** 直牌號碼 Vehicle Registration Mark: acilifics Ω CHUN WO CONSTRUCT & ENGINEERING CO. LJ] 篩選分類 J Sorting E un Arès Tick (<) One Prescribed Facility: Bank at Name of the Account-holder Public Fill Reception I 雒島廢物轉運設施《 個訂明設施 ç ч 1 m iu: Landfills C 推過區 へ観票編號 Date of Use: 使用日期: ssued by: 振戶名稱 シリ、難観 簽發人: Chit No.:

Appendix F New Environmental Licence

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Fax from

CHUN WO

13-06-06 10:12 Pg:

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Lot No.

FORM 3 NOISE CONTROL ORDINANCE (Chapter 400) SECTION 8(9)

[reg.5(a)]

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2/8

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. <u>GW-RW0326-06</u>

TO: CHINA GEO - ENGINEERING CORPORATION

This construction noise permit is issued in accordance with section & of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :

Full address : CASTLE PEAK ROAD - TSING LUNG TAU, TSUEN WAN, NT

The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. *PART/WHOLE of the site falls *WITHIN/OUTSIDE & designated area.

3. Powered Machanical Equipment

'a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	Description of item of	No. of units
	Air compressor, with Noise Emission Label showing a sound power level \leq 101dB(A)	Оле
	Air compressor, with Noise Emission Label showing a sound power level ≤100 dB(A)	One
****	Piling, large diameter bored, reverse circulation drill, with sound pressure level of ≤ 75 dB(A) measured at 7 m from the centre of the reverse circulation drill	Two
	Generator, with sound pressure level of \leq 75 dB(A) measured at 7 m from the centre of the generator	Two

b. Validity of the construction noise permit for the use of the powered mechanical equipment:

Date and time of c	commencement : 09 June 2006	21 1900 hours	AND A PROPERTY
Days and hours :	General holidays (including Sundays)	: 0700-2300 hours.	
	Any day not being a general holiday:	1900-2300 hours.	14 × 1
This part of the pe	armit expires on : 08 December 2006	at 2300 hours	

c. One photograph, endorsed by the Authority, of each item of powered machanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

d. Other conditions imposed on the use of the powered mechanical equipment:

-1-

EP076A(s)

PAGE 2/8 * RCVD AT 6/13/2006 10:14:48 AM [China Standard Time] * SVR:HKGNTS20/6 * DNIS: 3966 * CSID: * DURATION (mm-ss):02-54

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- 4. Prescribed Construction Work

	Identification code of type of prescribed construction work	Description of type of prescribed construction work
		NIL
	_	
ð.	Validity of the construction poice per	nit for the carrying out of the prescribed construction work:
	when of the consecutor rolad por	in the carrying out of me prescribed construction work:
	Date and time of commencement : <u>N</u>	
	Days and hours : Not Applicab	le
	This part of the name is writer and as	
	This part of the permit expires on : <u>N</u>	et Applicable at Not Applicable
	Sile layout plan(c), endoreed by the As of prescribed construction work decori made available for inspection by the As	achanity, may be anached with the permit to indicate the locations permitted for the carrying ibed in this permin. The layout plan(s) ic(are) required to be hopt on the construction sites wherity.
d. (Other conditions imposed on the carryi	ing out of the prescribed construction work;
	- · · · -	
_		
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_		
vie co	metrophics points of a new state	
112 CO	ishuction noise permit or a copy there	of must be displayed on the construction site at <u>a proper location within the</u>
word:	200 07 706 WORDING SEAS #4	ぼうりばじょう ビー・リアログログランログ うすうしょう キャー・シュー シレン・シュー シー・ション
und	ary of the working area fo ment covered by this normi	r public information at all times when the powered mechanical tare being used for carrying out construction work.

Dated this 9th day of June

2006

Signed: (LEUNG Cho-shing)

for Authority

Delete as necessary

-2-

PAGE 3/8 * RCVD AT 6/13/2006 10:14:48 AM [China Standard Time] * SVR:HKGNTS20/6 * DNIS:3966 * CSID: * DURATION (mm-ss):02-54

FORM 3 NOISE CONTROL ORDINANCE (Chapter 400) SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. <u>GW-RW0349-06</u>

To: CHUN WO CONSTRUCTION & ENGINEERING CO. LTD.

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :

Full address :	CASTLE PEAK	ROAD - TSIN	G LUNG TA	U, TSUEN	WAN,	NT		\$441 \$*\$48\$*\$484 -\$~\$ \$450 \$*\$490 \$***	
1000 Jan 100							Lot No.		ninn my maa ajas diininin ir as mu viinin my maadiistiistiistiisti

The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

- 2. *PART/WHOLE of the site falls *WITHIN/OUTSIDE a designated area.
- 3. Powered Mechanical Equipment
 - a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	Description of item of powered mechanical equipment	No. of units
	Refer to attached sheet	

b. Validity of the construction noise permit for the use of the powered mechanical equipment:

Date and time of commencement : 23 June 2006	at 1900 hours
Days and hours: General holidays (including Sunday	s): 0700-2300 hours.
Any day not being a general holida	y: 1900-2300 hours.

This part of the permit expires on : 22 December 2006 at 2300 hours

c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

-1-

d. Other conditions imposed on the use of the powered mechanical equipment:

Refer to attached sheet

4. Prescribed Construction Work

a. Type of prescribed construction work which may be carried out inside the site boundary:

Identification code	<i>c</i> . <i>c</i>	_		
prescribed construc			escription of type of ibed construction work	
<u>,</u> <u>,</u>	NIL			, <u>, , , , , , , , , , , , , , , , , , </u>
····		- -		
		-		
b. Validity of the construct	ion noise permit for the carryin	ng out of the prescribed	construction work:	
Date and time of comm	encement: Not Applicab	Ĩe	at Not Applicab	e ·
Days and hours : <u>NOT</u>				
This part of the permit e	xpires on : NOT Applicab	<u>]e</u>	at Not Applicabl	e
c Site layout plan(s), ende of prescribed-construction made available for inspe	orsed by the Authority, may be on work described in this perm etion by the Authority.	attached with the perm nit. The layout plan(s)	it-to-indicate the locations pe is(are) required to be kept c	mitted for the carrying or n-the construction site an
d. Other conditions impose	ed on the carrying out of the pre	escribed construction w	ork:	
Not Applicable		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
		1		
الله المحالية المحالي - 				1 a 1 1 a 1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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				98 (18 a) (19 - 5 / / / / / / / / / / / / / / / / / /
his construction noise permit	or a copy thereof must be disp public information at	layed on the construction	on site at <u>a]] vehicula</u>	r site
his construction noise permit ntrances/exits for p	or a copy thereof must be disp	layed on the construction	m site at <u>all vehicula</u> the powered mechani	r site
his construction noise permit ntrances/exits for p	or a copy thereof must be disp public_information_at	layed on the construction	m site at <u>all vehicula</u> the powered mechani	r site
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Sheets Attached to Construction Noise Permit No. GW-RW0349-06

3a. Items of powered mechanical equipment which may be used inside the site boundary:

Identification code of item of		Description of item of		
powered mechanical equipment (if applicable)		powered mechanical equipment		
				Group A
0.000		Generator, with sound pressure level of \leq 75 dB(A) measured at 7 m from the centre of	One	
		the generator		
	CNP 283	Water pump, submersible (electric)	Three	
Group B				
		Lorry, with crane, gross vehicle weight ≤ 38 tonnes	One	
	Generator, with sound pressure level of \leq 75 dB(A) measured at 7 m from the centre of	One		
		the generator		
	CNP 283	Water pump, submersible (electric)	Three	
Group C				
	CNP 081	Excavator, tracked	One	
~		Generator, with sound pressure level of \leq 75 dB(A) measured at 7 m from the centre of	One	
		the generator		
	CNP 283	Water pump, submersible (electric)	Three	
Group D				
	CNP 065	Drill, hand-held (electric)	Three	
	CNP 065	Grinder, hand-held (electric)	Three	
	fr filmr dr an ap	Generator, with sound pressure level of \leq 75 dB(A) measured at 7 m from the centre of	One	
		the generator		
	CNP 283	Water pump, submersible (electric)	Three	

3d. Other conditions imposed on the use of the powered mechanical equipment:

- 1. All flaps and panels of the generators shall be closed when operated.
- 2. Only one group of the powered mechanical equipment listed in condition no.3a shall be operated at any time.



Signed: (LEUNG4Cho-shing)

for Authority