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) August 2006

Second Issue

Chun Wo Construction & Engineering Co Ltd

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

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September 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

Maunsell Environmental Management Consultants Ltd

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By Fax (2417 0134) and Post

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

Attn: Mr. Michael S Harfoot

12 September 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) – August 2006

We refer to the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) – August 2006 received via emails on 11 September 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 September 2006, the Monthly EM&A Report for Reclamation Works (EP No. EP-219/2005) – August 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

CÇ

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Mr. Sam Tsoi / Mr. Fredrick Leong

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Page 1 of 1



Job title		Contract No Tsing Lung T	t of Job number						
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Executive Summary

This is the sixth monthly environmental monitoring and audit (EM&A) report presenting the progress of environmental monitoring and audit works for the reporting period between 1 August 2006 and 31 August 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 level for surface & middle position was 5.62 mg/L at WWFCZ1 on 14 August 2006 and the lowest DO level for bottom position was 5.35 mg/L at WWA3 on 30 August 2006. There were no exceedances 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 7.6 Nephelometric Turbidity Unit (NTU) at WWA2 on 9 August 2006. There was 1 exceedance of Tby Limit Level on 9 August 2006 when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

The highest SS level was 17.8 mg/L at WWFCZ1 on 18 August 2006. There were 12 exceedances of SS Baseline Check Criteria on 11, 18, 23 and 25 August 2006 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 level for surface & middle and bottom positions were 5.58 mg/L and 5.32 mg/L at WWA3 respectively on 18 August 2006. There were no exceedances 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 8.6 NTU at WWFCZ2 on 14 August 2006. There were no exceedances of Tby 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 SS level was 23.2 mg/L at WWA2 on 18 August 2006. There were 3 exceedances of SS Baseline Check Criteria on 11, 18 and 25 August 2006 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 August 2006. No non-conformance 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 surface runoff before discharging; and

Waste Management: Frequent clearing of construction waste and general refuse

Chemical Waste: Provision of driptrays to oil drums

Waste Disposal

A total of 7 tonnes of Construction & Demolition (C&D) waste and a total of 481 tonnes of C&D materials (transported by trucks) were disposed of at WENT Landfill and Public Filling Reception Facility at Tuen Mun Area 38 respectively in August 2006. No chemical waste was disposed of during the reporting period.

Complaint Records

No environmental complaint was received during the reporting period.

Exceedance

There were exceedances of Tby and SS levels for marine water quality in August 2006 when compared with A/L Levels and baseline check criteria.

No muddy water and abnormal activities which would likely cause deterioration of water quality were observed at monitoring stations during the reporting period. All the exceedances were marginal to Baseline Check Criteria. During the reporting period, formwork, reinforcement works and concreting were conducted at Seawall A and B. Hence, the exceedance were unlikely due to the construction works of the Project.

Nevertheless, 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.

Notification of Summons and Successful Prosecution

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

Environmental Licences

There was no environmental licence granted 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 commenced on 28 February 2006.

1.1 Project Background

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

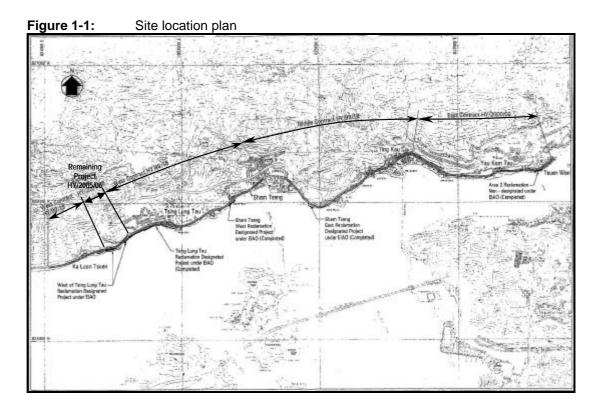
Prior to inviting tenders for Contract No. HY/99/18, a section of the proposed works, between Ch.1+800 and Ch.2+240, west of Tsing Lung Tau, was excised from the Project and entrusted to the Route 10 – North Lantau to Yuen Long Highway project. This 440m long section of CPR was located under the proposed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

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

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

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

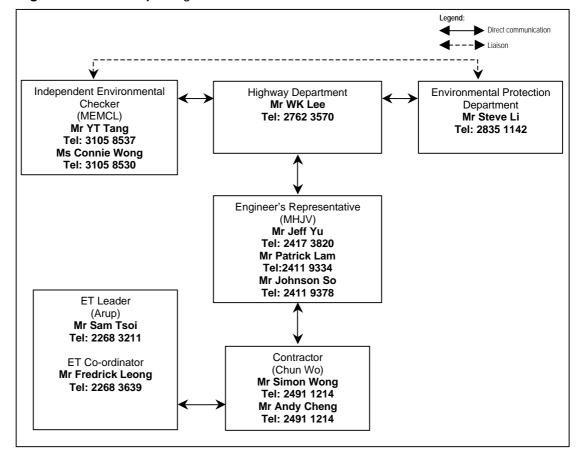
- The area of reclamation to the east of Grand Bay Villa is about 0.12 ha. The length of this part of the reclamation, measured parallel to the road, is about 107 m, and the maximum width, measured from the existing High Water Mark (HWM) to the proposed toe of the scour apron is about 16 m, of which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



1.2 Project Organisation

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

Figure 1-2: Project organisation chart



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) and recommend and implement any changes as appropriate.
- liaison with IEC on all environmental performance matters;
- advice to the CT on environmental improvement, awareness, enhancement matter, etc., on site; and
- Timely submission of the EM&A reports to the ER, IEC and DEP.

The duties of IEC include the followings:

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

1.3 Impact EM&A Requirements

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

1.4 Purpose of the Report

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

This is the sixth 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 August 2006 to 31 August 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 August 2006 included:

- Construction of lower RC retaining wall and placement of rockfill at Seawall A; and
- Construction of RC retaining wall and backfilling 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 August 2006 and the tentative schedule for September 2006 are attached in **Appendix B**.

3.1 Construction Noise

3.1.1 Monitoring Parameters

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

3.1.2 Monitoring Frequency

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

Table 3-1: Construction noise monitoring parameters and frequency

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

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

3.1.3 Monitoring Location

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

Table 3-2: Construction noise monitoring locations

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

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

Figure 3-1: Noise monitoring station

WN5 MAN SET VALA

WN △ 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**.

Table 3-3: Marine water quality monitoring locations

Marine Water Quality	Locat	Location			
wattile water Quality	Eastings	Northings			
West of Grand Bay Villa	WWA1 (Impact Location)	821981	824282		
West of Grand Bay vind	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		
East of Grand Day Villa	WRA3 (Control Location)	822625	824222		
	WWFCZ1 (Impact Location)	823500	823870		
Ma Wan Fish Culture Zone	WWFCZ2(Impact Location)	822943	823983		
Ivid vvair i isii Culture Zone	WFCZR1 (Control Location)	824024	824333		
	WFCZR2 (Control Location)	822677	823547		

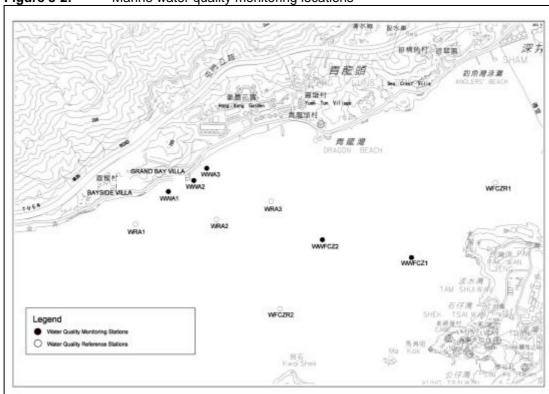


Figure 3-2: Marine water quality monitoring locations

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**.

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

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

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

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

Table 3-	Action					
Event -	ET Leader	IEC	ER	СТ		
Level	 Notify IEC and the CT. Carry out investigation. Report the results of investigation to the IEC and the CT. Discuss with the CT and formulate remedial measures. Increase monitoring frequency to check mitigation effectiveness. 	 Review with the analysed results submitted by ET. Review the proposed remedial measures by the CT and advise ER accordingly. Supervise the implementation of remedial measures. 	 Confirm receipt of notification of exceedance in writing. Notify the CT. Require the CT to propose remedial measures for the analysed noise problem. Ensure remedial measures are properly implemented. 	Submit noise mitigation proposals to IEC. Implement noise mitigation proposals.		
Level	 Notify the IEC, the ER, the DEP and the CT. Identify the source. Repeat measurement to confirm findings. Increase monitoring frequency. Carry out analysis of CT's working procedures to determine possible mitigation to be implemented. Inform the IEC, the ER, and the DEP the causes & actions taken for the exceedances. Assess effectiveness of the CT's remedial actions and keep the IEC, the DEP and the ER informed of the results. If exceedance stops, cease additional monitoring 	 Discuss amongst the ER, the ET Leader and the CT on the potential remedial actions. Review the CT's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. Supervise the implementation of remedial measures. 	1. Confirm receipt of notification of exceedance in writing. 2. Notify the CT. 3. Require the CT to propose remedial measures for the analysed noise problem. 4. Ensure remedial measures are properly implemented. 5. 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.	1. Take immediate action to avoid further exceedance. 2. Submit proposals for remedial actions to IEC within 3 working days of notification. 3. Implement the agreed proposals. 4. Resubmit proposals if problem still not under control. 5. Stop the relevant activity of works as determined by the ER until the exceedance is abated.		

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 summarised in **Table 3-7**. Compliance assessment for future impact monitoring data will be made against the updated baseline check criteria as follows:

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

Table 3-6: Action and Limit Levels of marine water quality established in Baseline Monitoring Report #

						Monitoring	locations				
Parameters		WWA1		WWA2		WWA3		WWFCZ1		WWFCZ2	
		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	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)	24.1	24.3	23.5	23.6	22.3	23.5	24.4	25.8	27.4	28.0

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.

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

Parameters		Monitoring locations					
		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-	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 3-8: Event-Action plan for marine water quality

Table 3-8:	Event-Action plan for marine water qu	uality		
Event			Action	
	ET Leader	IEC	ER	СТ
Action Level				
Action level being exceeded by one sampling day	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.	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.	Discuss with the IEC on the proposed mitigation measures. Make agreement on the mitigation measures to be implemented.	Inform the ER and confirm notification of the non-compliance in writing. Rectify unacceptable practice. Check all plants and equipment. Consider changes of working methods. Discuss with the ET Leader and the IEC and propose mitigation measures to the IEC and the ER. Implement the agreed mitigation measures.
Action level being exceeded by more than one consecutive days	Repeat in-situ measurement to 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.	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.	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.	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	exocedance.			
Limit level being exceeded by one sampling day	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.	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.	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.	the non-compliance in writing. 2. Rectify unacceptable practice. 3. Check all plants and equipment. 4. Consider changes of working methods. 5. Discuss with the ET Leader, the IEC and the ER, and propose mitigation measures to the IEC and the ER within 3 working days. 6. Implement the agreed mitigation measures.
Limit level being exceeded by more than one consecutive days	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 for two consecutive days.	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.	 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. 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. 	 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. As directed by the ER, slow down or stop all or part of the construction activities.

3.4 Site Inspection and Environmental Complaint Handling

3.4.1 Site Inspection Frequency and Areas Covered

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

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

3.4.2 Site Inspection Procedures

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

3.4.3 Environmental Complaints

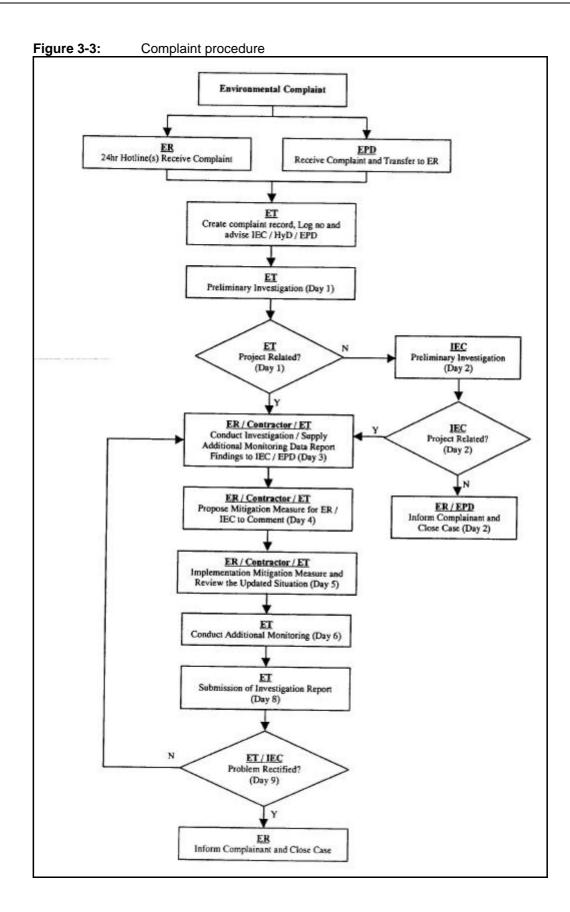
A 24-hour complaint hotline at 6277 7465 has been established for the Project. In accordance with the EM&A Manual, environmental complaints will be referred to the ET for initiation of the complaint investigation procedures. The ET will undertake the following procedures upon receipt of complaints:

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

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

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

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



4 Noise Monitoring

4.1 Monitoring Equipment

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

Table 5-1: Equipment list for construction noise monitoring

Equipment	Manufacturer & Model No.	Precision Grade	Qty.
Integrating sound level meter	Rion NA-27	IEC 651 Type 1	1
Windshield	Brii el & Kjær UA0237	IEC 804 Type 1	1
Acoustical calibrator	Brii el & Kjær 4226	TEC 604 Type T	1
LCD wind speed indicator	Kestrel Vane Anemometer		1

4.2 Methodology

4.2.1 Occupancy Status of Grand Bay Villa

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

4.2.2 Field Measurement

- The sound level meter and battery were checked to ensure that they were in proper condition.
- The sound level meter was set on a tripod at 1.2m above ground and at 1m from the exterior of the building façade.
- Before conducting the measurement, the sound level meter was calibrated by an acoustical calibrator.
- The measurement parameter was set to A-weighted sound pressure level. The time weighting was set in fast response and the time period of measurement at 30 minutes.
- The wind speed was checked during noise monitoring to ensure the steady wind speed did not exceed 5m/s, or wind with gusts did not exceed 10m/s.
- Any abnormal conditions that generated intrusive noise during the measurement were recorded on the field record sheet.
- After each measurement, the equivalent continuous sound pressure level (L_{eq}), 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 ($L_{\rm eq}$ functions). The acoustical calibrator model no. 4226 complies with IEC 942.

4.3 Results and Observations

4.3.1 Occupancy Status of Grand Bay Villa

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

5 Marine Water Quality Monitoring

5.1 Marine Water Quality Monitoring Equipment

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

Table 5-1: Marine water quality monitoring equipment

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

5.2 Methodology

5.2.1 DO, Temperature and Salinity Measuring Equipment

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

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

5.2.2 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.

5.2.5 Location of the Monitoring Site

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

5.2.6 Calibration and Accuracy of Instrumentation

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

5.3 Results and Observations

5.3.1 Weather Conditions and Other Factors

No adverse weather conditions were recorded during the reporting period.

5.3.2 Summary of Results

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

Summary of Mid-Ebb Tide

The lowest DO level for surface & middle position was 5.62 mg/L at WWFCZ1 on 14 August 2006 and the lowest DO level for bottom position was 5.35 mg/L at WWA3 on 30 August 2006. There were no exceedances 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 7.6 Nephelometric Turbidity Unit (NTU) at WWA2 on 9 August 2006. There was 1 exceedance of Tby Limit Level on 9 August 2006 when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

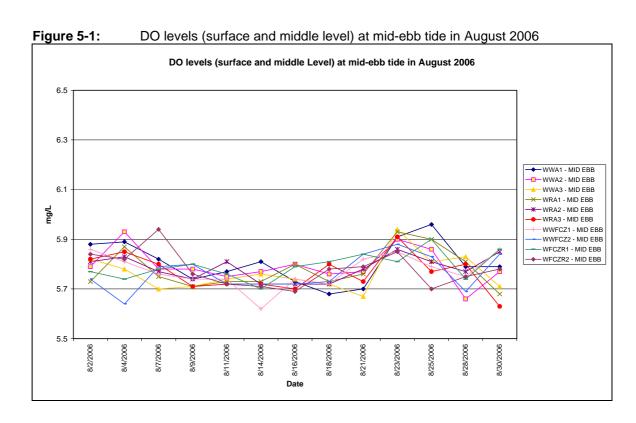
The highest SS level was 17.8 mg/L at WWFCZ1 on 18 August 2006. There were 12 exceedances of SS Baseline Check Criteria on 11, 18, 23 and 25 August 2006 when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

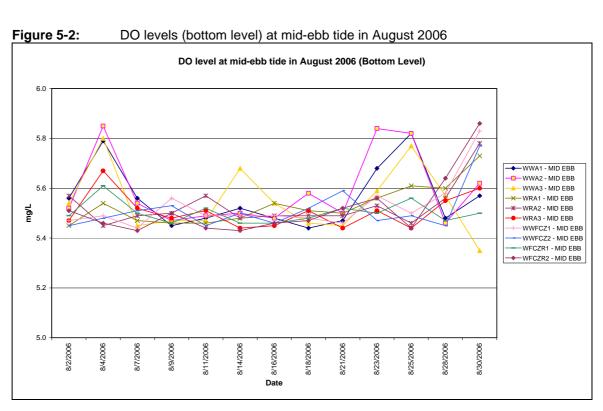
Summary of Mid-Flood Tide

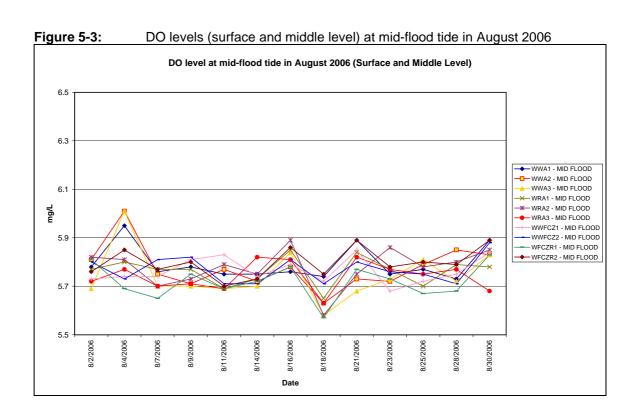
The lowest DO level for surface & middle and bottom positions were 5.58 mg/L and 5.32 mg/L at WWA3 respectively on 18 August 2006. There were no exceedances of DO levels during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

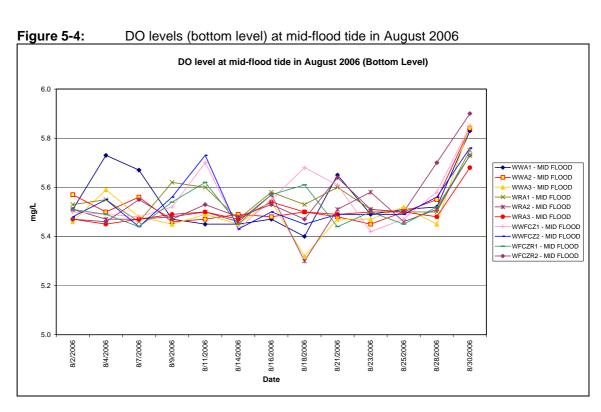
The highest depth-averaged Tby level was 8.6 NTU at WWFCZ2 on 14 August 2006. There were no exceedances of Tby Levels during reporting period when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

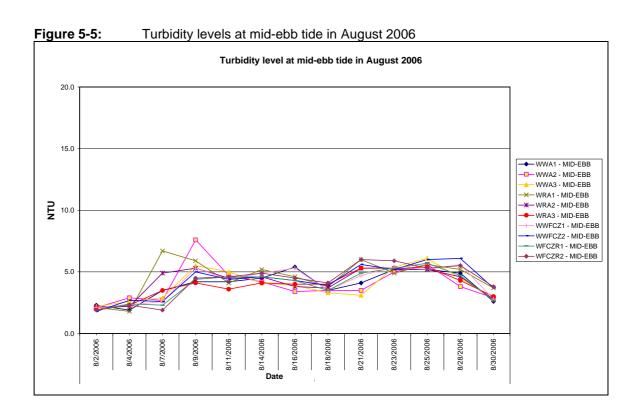
The highest SS level was 23.2 mg/L at WWA2 on 18 August 2006. There were 3 exceedances of SS Baseline Check Criteria on 11, 18 and 25 August 2006 when compared with the established A/L Levels and baseline check criteria in Section 3.3 of this report.

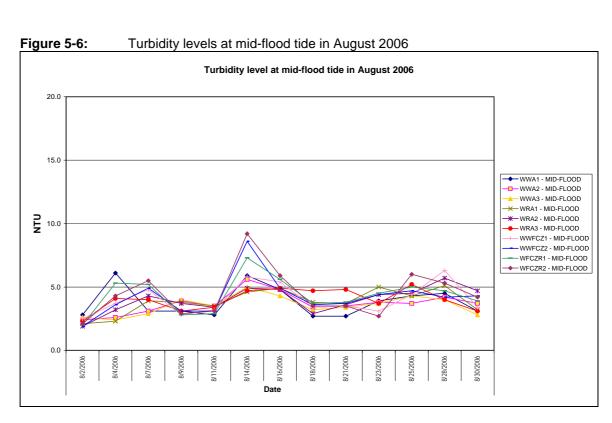


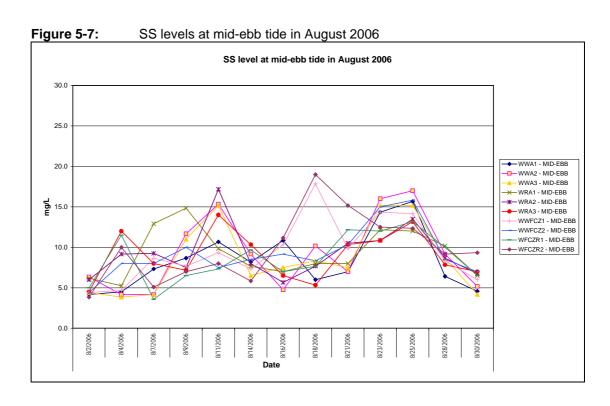


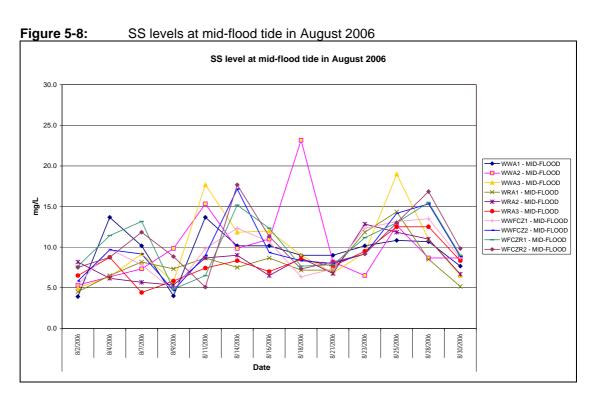












6 Site Inspection, Waste Disposal, environmental complaints, environmental licenses and non-compliance records

6.1 Site Audit Findings

Five weekly environmental site audits were carried out on 3, 10, 17, 24 and 31 August 2006. The findings of the site audits are summarised in **Table 6-1**.

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

Date of Issue Raised	Observation	Advice from EA	CT's Response / Environmental Outcomes	Closing Date	
03 August 2006 (WTLT 028)	Stagnant water was observed within the site.	CT was reminded to clear the stagnant water to prevent mosquito breeding.		10 August 2006	
	Tarpaulin, which was used for covering of the excavated material, was observed broken at carpark after a typhoon event.	CT was reminded to repair the tarpaulin or provide appropriate dust suppression and water quality measures during dry/windy and rainy days respectively.	Agreed with the ET's advice.		
	3. Muddy water was observed near outfall of Seawall B and silt curtain was observed loosening.	CT was reminded to repair the silt curtain.	Agreed with the ET's advice.		
	Site surface runoff was observed discharging to the gullies without treatment near wheel wash facility.	CT was reminded to divert site runoff to nearby desilting tank before discharging.			
	5. General refuse was observed scattered within the site after a typhoon event.	CT was reminded to conduct regular clearing of waste.	Agreed with the ET's advice.		
10 August 2006 (WTLT 029)	Waste was observed accumulated within Seawall A and B.	CT was reminded to conduct regular clearing of waste.	Agreed with the ET's advice.	17 August 2006	
(,	Rubbish collection bins or containers were not observed within Seawall A site.	CT was reminded to provide adequate waste collection containers.			
	3. Stagnant water was observed near Seawall B.	CT was reminded to clear the stagnant water to prevent mosquito breeding.			
	4. Empty oil drums were observed within borepiling site.	CT was reminded to store the drums properly.	Agreed with the ET's advice.		

Date of Issue Raised	Observation	Advice from EA	CT's Response / Environmental Outcomes	Closing Date
17 August 2006 (WTLT 030)	Stagnant water was observed near Chemical Store.	CT was reminded to clear the stagnant water to prevent mosquito breeding.	Agreed with the ET's advice.	24 August 2006
	Site exit of Seawall A was observed dry.	CT was reminded to provide adequate watering during dry and windy days.	Agreed with the ET's advice.	
	3. Muddy water was observed in the vicinity of Seawall A. A gap was observed on the west side of the silt curtain.	CT was reminded to repair the silt curtain prior to commencement of marine works.	Agreed with the ET's advice.	
	4. Outlet of desilting facility was not connected to storm drain directly. There is a potential to cause muddy water when treated effluent passes through unpaved area.	CT was reminded to improve the desilting facility.	Agreed with the ET's advice.	
	5. General refuse and construction waste were observed within Seawall B.	CT was reminded to conduct regular of waste.	Agreed with the ET's advice.	
	6. One oil drum was observed without driptray and three oil drums were observed with broken driptrays at borepiling site.	CT was reminded to provide driptray to oil drum and replace all broken driptrays.		31 August 2006
24 August 2006 (WTLT 031)	Refuse which was contained in bags was observed along haulroad of carpark, Seawall A and B.	CT was reminded to conduct regular disposal of waste.	Agreed with the ET's advice.	31 August 2006
	Dredging was observed in the concrete box within Seawall A. Silt curtain was observed broken near the east end of the Seawall	CT was reminded to repair the silt curtain to prevent muddy water dispersing.	Agreed with the ET's advice.	
	3. Sedimentation of the site discharge of the soil nailing works of slope was observed. Although no turbid water plume was observed surrounding the site near the outfall of Seawall B.	CT was reminded to clear of the accumulated silt in the sedimentation tank.	Agreed with the ET's advice.	
	4. Mud trails were observed on the Castle Peak Road joining the exit of Seawall B.	CT was reminded to clear the mud trails and provide wheelwashing for all vehicles leaving the site.	Agreed with ET's advice	

Date of Issue Raised	Observation	Advice from EA	CT's Response / Environmental Outcomes	Closing Date
	5. Site clearance was observed on the borepiling Site.	CT was reminded to implement full implementation of appropriate mitigation measures, such as dust suppression, noise minimisation and water quality mitigation measures.	Agreed with ET's advice	
31 Aug 2006 (WTLT 032)	Backfilling was observed on Carpark area.	CT was reminded to provide dust suppression measures during dry and windy days.	Agreed with ET's advice	7 September 2006
	Soil-nailing was observed on the site beside wheelwash facility.	CT was reminded to provide dust suppression measures.	Agreed with ET's advice	
	Oil drum was observed without driptray within wheelwash site.	CT was reminded to provide driptray to the oil drum.	Agreed with ET's advice	
	4. Exposed / un-paved / un- hydroseeded areas were observed within the site.	CT was reminded to provide dust suppression and water quality mitigation measures during dry and rainy days respectively.	Agreed with ET's advice	
	5. Stockpiles of excavated materials were observed on the Seawall B site for backfilling the site.	CT was reminded to provide dust suppression and water quality mitigation measures during dry and rainy days respectively.	Agreed with ET's advice	
	Exit road to borepiling site was observed dusty and dry.	CT was reminded to spray water along the road and provide cover to the dump truck leaving the site.	Agreed with ET's advice	

6.2 Waste Disposal

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

Table 6-2: Waste disposal quantity in August 2006

Type of waste or material		Disposal at	No. of loads or quantities	
C&D waste		WENT Landfill	7 tonnes	
COD motorial	By truck	Public Filling Reception Facility in	481 tonnes	
C&D material	By barge	Tuen Mun Area 38	0 tonne	
Chemical waste		Collected by licensed collector	0	

In accordance with the Project Profile "Castle Peak Road Improvement between Area 2 and Ka Loon Tsuen, Tsuen Wan, Remaining Works Contract, Construction of Reclamation West of Tsing Lung Tau", all dredged material will be transported by trucks to Public Fill Reception Facility (PFRF) at Tuen Mun Area 38 for ultimate reuse by alternative projects. As the depth of marine water near the reclamation site is found to be sufficient for barges to manoeuvre, the CT proposed to deliver the dredged material by barge to the PFRF. It will reduce the double handling of dredged material to the seashore and then to trucks by backhoe. EPD agreed with the CT's proposal on 18 May 2006 via e-mail. The CT commenced to transport the dredged material by barge on 24 May 2006. During the reporting period, no C&D materials were transported to PFRF by barge.

6.3 Complaint Record

There was no environmental complaint received in August 2006.

6.4 Exceedance

There were exceedances of Tby and SS levels for marine water quality in August 2006 when compared with A/L Levels and baseline check criteria. After ET's investigation, all exceedances were unlikely due to the construction activities of the Project. These exceedances are summarised in **Table 6.3**.

Table 6-3: Summary of exceedances of marine water quality monitoring not related to construction works of the Project in August 2006

			Exceedances of monitoring data					
Date	Tide	Location	Tby (NTU)		SS (mg/L)		mg/L)	
		Location	Control Station	Impact Station	Exceedance of	Control Station	Impact Station	Exceedance of
9-Aug	Mid-ebb	WWA2	5.3	7.6	Limit Level	-	-	-
11-Aug	Mid-ebb	WWA3	-	•	-	14.0	15.2	Baseline Check
11-Aug	Mid-flood	WWA3	-	•	-	7.4	17.7	Baseline Check
18-Aug	Mid-ebb	WWFCZ1	-	ı	-	7.7	17.8	Baseline Check
18-Aug	Mid-flood	WWA2	-	ı	-	8.7	23.2	Baseline Check
23-Aug	Mid-ebb	WWA1	-	-	-	12.2	14.3	Baseline Check
23-Aug	Mid-ebb	WWA2	-	ı	-	10.8	16.0	Baseline Check
23-Aug	Mid-ebb	WWA3	-	-	=	10.8	15.2	Baseline Check
23-Aug	Mid-ebb	WWFCZ1	-	-	-	12.0	14.3	Baseline Check
23-Aug	Mid-ebb	WWFCZ2	-	-	-	12.5	15.0	Baseline Check
25-Aug	Mid-ebb	WWA1	=	=	-	12.0	15.7	Baseline Check
25-Aug	Mid-ebb	WWA2	-	-	-	13.5	17.0	Baseline Check
25-Aug	Mid-ebb	WWA3	-	-	-	13.2	15.2	Baseline Check
25-Aug	Mid-ebb	WWFCZ1	-	-	-	13.2	14.2	Baseline Check
25-Aug	Mid-ebb	WWFCZ2	-	-	-	12.3	15.8	Baseline Check
25-Aug	Mid-flood	WWA3	-	-	-	12.5	19.0	Baseline Check

No muddy water and abnormal activities which would likely cause deterioration of water quality were observed at monitoring stations during the reporting period. All the exceedances were marginal to Baseline Check Criteria. During the reporting period, formwork, reinforcement works and concreting were conducted at Seawall A and B. Hence, the exceedances were unlikely due to the construction works of the Project.

Nevertheless, 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.

6.5 Notification of Summons and Successful Prosecution

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

6.6 Environmental Licenses

A summary of the valid environmental licences is given in **Table 6-4.** There was no environmental licence granted during the reporting period.

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

Type of Licence	Reference No.	Valid from	Valid to
Environmental Permit	EP-219/2005	20 Jun 2005	Not applicable
Registration of Chemical Waste Producer	5111-336-C2869-49	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

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. After ET's investigation, all exceedances were unlikely due to the construction activities of the Project.

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 and waste management.

All C&D materials were transported to PFRF at Tuen Mun Area 38 by trucks 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
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17 17 17 17 17 17 17 17	A01RW0500	Construction of Car Park	50,1801,07	22303/07						Sonstruction of C	ar Park		-				
Plant Newton Spizices and Active	1RW3510	TTM Steging Preparation	19,15/07/06	90/80/50		+	True O start	Preparation	+	1	+	<u> </u>	 - -	†	+	ļ.	-
Particular Works Particular Works Particular Works Particular Works Particular Works Particular Works Particular Work Part	1RW3520	TMLG Meeting	1 07/08/06	07/08/06 4 A MODING			MRIVO/Rose	work Advice							-		-
Control Cont	1RW3530	HWATHORDWark Advice	onen-solat	CONTRACTOR OF THE PARTY OF THE		-		-		-			_	_	-		
Commission work to State DF12006 State DF12010 State DF1	Slope Re	emedial Works													=		
	Remedia	I Work 6SW-D/C170						-	Bomodisi	- Contract	esworch70						
Control Cont	SW2000	Remadal works to Stope No. 65W-DIC170	57 22/11/06	31/01/07	-	+		-	1		-	-	-		-		
	Remedia	I Work 6SW-D/FH286	out deal sor	Describe.			Gamedial Works to S	Hope No. 65W-DFR	9821								
	SW3500	Hemedial works to Stope No. 65 W-O/FH208	on leavelon	Canting	1	-			-						-		
	Hemison	Removal works to Stoce No. 63W-DVB89	90*113/06/06	25/09/05			Ro Kan	medial works to Sto	ope No. 65W-D/F	- 20					1		
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Contract	SWSOOD	Parmedial works to Stopa No. 6SW-D/FR83	75* 22/barbs	21/11/08				Remedial	works to Stope						+	- -	-
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	SW5500	Remedial works to Slope No. 6SW-D/FB2	92, 23/12/06	ZZZOWIOZ		-				0-1		-	 -	<u> </u>	ļ.	-	-
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Tree Trinspank	Section	II • Landscaping Works	Section 1	lossorting.	Terrotectual	Sept. Individual	Transplant		<u></u> ;								
Chair Carling Carlin	A0LW1000	Tree Transplant	120 06/02/05	24/05/07						Ì	dacaping works		-	_			-
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Appendix B
Monitoring schedule for
August and September
2006

In accordance with the Project Profile "Castle Peak Road Improvement between Area 2 and Ka Loon Tsuen, Tsuen Wan, Remaining Works Contract, Construction of Reclamation West of Tsing Lung Tau", all dredged material will be transported by trucks to Public Fill Reception Facility (PFRF) at Tuen Mun Area 38 for ultimate reuse by alternative projects. As the depth of marine water near the reclamation site is found to be sufficient for barges to manoeuvre, the CT proposed to deliver the dredged material by barge to the PFRF. It will reduce the double handling of dredged material to the seashore and then to trucks by backhoe. EPD agreed with the CT's proposal on 18 May 2006 via e-mail. The CT commenced to transport the dredged material by barge on 24 May 2006. During the reporting period, no C&D materials were transported to PFRF by barge.

6.3 Complaint Record

There was no environmental complaint received in August 2006.

6.4 Exceedance

There were exceedances of Tby and SS levels for marine water quality in August 2006 when compared with A/L Levels and baseline check criteria. After ET's investigation, all exceedances were unlikely due to the construction activities of the Project. These exceedances are summarised in **Table 6.3**.

Table 6-3: Summary of exceedances of marine water quality monitoring not related to construction works of the Project in August 2006

	Part Sign	per britis			Exceedances	of monitori	ng data	
Date	Tide	Location	in said	Tby (NTU)		SS (mg/L)
ion			Control Station	Impact Station	Exceedance of	Control Station	Impact Station	Exceedance of
9-Aug	Mid-ebb	WWA2	5.3	7.6	Limit Level	-	-	:>:
11-Aug	Mid-ebb	WWA3	-			14.0	15.2	Baseline Check
11-Aug	Mid-flood	WWA3				7.4	17.7	Baseline Check
18-Aug	Mid-ebb	WWFCZ1	-		*	7.7	17.8	Baseline Check
18-Aug	Mid-flood	WWA2	-			8.7	23.2	Baseline Check
23-Aug	Mid-ebb	WWA1	=			12.2	14.3	Baseline Check
23-Aug	Mid-ebb	WWA2		(. ± .		10.8	16.0	Baseline Check
23-Aug	Mid-ebb	WWA3	•	•	*	10.8	15.2	Baseline Check
23-Aug	Mid-ebb	WWFCZ1	-		-	12.0	14.3	Baseline Check
23-Aug	Mid-ebb	WWFCZ2	-		•	12.5	15.0	Baseline Check
25-Aug	Mid-ebb	WWA1	=	•	•	12.0	15.7	Baseline Check
25-Aug	Mid-ebb	WWA2	•		•	13.5	17.0	Baseline Check
25-Aug	Mid-ebb	EAWW	-	-	•	13.2	15.2	Baseline Check
25-Aug	Mid-ebb	WWFCZ1	-	•	5 .	13.2	14.2	Baseline Check
25-Aug	Mid-ebb	WWFCZ2		-	,. 	12.3	15.8	Baseline Check
25-Aug	Mid-flood	WWA3			7/24	12.5	19.0	Baseline Check

Environmental Monitoring and Audit Schedule - August 2006

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

Note 3:

MV denotes marine water monitoring L&V denotes Landscape and Visual audit and monitoring Note 4:

			Aug-2006			
Sunday	Monday	Tuesday		Thursday	Friday	Saturday
		-	2	3 Site Inspection	4	2
			MW		MW	
9	2	8	Ō	10 Site Inspection	11	12
	MVV		MW		WW	
13	14	15	16	17 Site Inspection	18	19
	MVV		MW		MW	
20	21	22	23	24 Site Inspection	25	26
	MW		MW		MW	
27	28	29	30	31 Site Inspection		
	MW		MW			

Tentative Environmental Monitoring and Audit Schedule - September 2006

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

MV denotes marine water monitoring Note 3:

L&V denotes Landscape and Visual audit and monitoring Note 4:

			Sep-2006			
Sunday	Monday	Tuesday		Thursday	Friday	Saturday
					1	2
					MW	
က	4	2	9	7 Site Inspection	8	6
	WW		W		AMM	
10	11	12	13	14	15	16
				Site Inspection		
		MVV		MVV		MW
17	18	19	20	21 Site Inspection	22	23
	MW		MW		WW	;
24	25	26		28	29	30
				Site Inspection		
	MW		MW		MW	

Appendix C
Calibration certificates of marine water monitoring equipment



CALIBRATION REPORT

Client

: OVE ARUP & PARTNERS H.K. LTD.

Address: Level 5 Festival Walk, 80 Tat Chee Avenue,

> Kowloon Tong, Kowloon.

Received Date

: 01/08/2006

Approved Signatory: Grace Ting

Remarks

Report No.

: CR 000074

Page No.

: 1 of 5

Issue Date

: 04/08/2006

Completion Date : 02/08/2006

Calibration Results:

Item

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

Serial No.

02D1076 AB

Calibration Method : APHA 18e 2520 A & B

Date of Calibration : 01/08/2006

Results:

Salinity

Expected Reading (ppt)	Recorded Reading (ppt)
0	0
7.4	7.3
15	14.4
35	33.8
39.3	37.9

Approval Signatory:



Client

: OVE ARUP & PARTNERS H.K. LTD.

Address: Level 5 Festival Walk,

80 Tat Chee Avenue, Kowloon Tong,

Kowloon.

Received Date

Approved Signatory: Grace Ting

Remarks

Report No.

: CR 000074

Page No.

: 2 of 5

Issue Date

: 04/08/2006

: 01/08/2006

Completion Date

: 02/08/2006

Calibration Results:

Item

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

Serial No.

02D1076AB

Calibration Method:

In house method

Date of Calibration: 01/08/2006

Results:

:

Temperature

Expected Reading	Recorded Reading
(°C)	(°C)
10.0	10.1
20.0	20.4
30.0	30.4
40.0	40.3

Approval Signatory:

Hong Kong Head Office 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 香港總部



CALIBRATION REPORT

Client

: OVE ARUP & PARTNERS H.K. LTD.

Address: Level 5 Festival Walk,

80 Tat Chee Avenue, Kowloon Tong,

Kowloon.

Received Date

: 01/08/2006

Approved Signatory : Grace Ting

Remarks

Completion Date

: 02/08/2006

Report No.

Page No.

Issue Date

: CR 000074

: 04/08/2006

: 3 of 5

Calibration Results:

Item

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

Serial No.

02D1076 AB

Calibration Method : APHA 18e 4500-O A, B, C & D

Date of Calibration :

01/08/2006

Results:

Dissolved Oxygen

Expected Reading	Recorded Reading
(mg/L)	(mg/L)
3.75	3.68
4.80	4.80
5.75	5.69
6.80	6.88
7.90	7.90
9.00	8.92

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



Client

: OVE ARUP & PARTNERS H.K. LTD.

Address: Level 5 Festival Walk, 80 Tat Chee Avenue,

Kowloon Tong,

Kowloon.

Received Date

Approved Signatory: Grace Ting

Remarks

Report No.

: CR 000074

Page No.

: 4 of 5

Issue Date

: 04/08/2006

: 01/08/2006

Completion Date

: 02/08/2006

Calibration Results:

Item

: HACH 2100P Turbidimeter

Serial No.

011100024354

Calibration Method: APHA 18e 2130 B

Date of Calibration : 01/08/2006

Results:

Turbidity

Expected Reading	Recorded Reading
(NTU)	(NTU)
0	0.21
2	2.20
4	4.11
16	15.5
40	38.8
80	77.1

Approval Signatory:



CALIBRATION REPORT

Client

: OVE ARUP & PARTNERS H.K. LTD.

Address: Level 5 Festival Walk,

80 Tat Chee Avenue, Kowloon Tong,

Kowloon.

Received Date

: 01/08/2006

Approved Signatory: Grace Ting

Remarks

Completion Date

: 02/08/2006

Report No.

Page No.

Issue Date

: CR 000074

: 04/08/2006

: 5 of 5

Calibration Results:

Item

: HANNA instrument HI 98128 membrane pH meter

Serial No.

1377140

Calibration Method :

In house method

Date of Calibration : 01/08/2006

Results:

pН

Expected Reading	Recorded Reading
(pH unit)	(pH unit)
4.00	4.18
6.86	7.10
10.0	10.2

Approval Signatory:

Appendix D

Marine water quality
monitoring results

Lob	CIRCL	30.00		autreties in	15	Water	Temp.	00	00	SECOND PURCHES	DO, %	DO, %	100	ATTREASURE.	* 414	~ 4140	NTU,		SS,
ID	Location	Position	Tide	Sampling Date	Time	depth, m	°C	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	saturation (1)	saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	Averaged Value	Suspended Solid, mg/L	Averaged Value
1	WWA1	8	MID-EBB	2-Aug-06			26.5	5.95	5.86		89.9	86.6	8.2	21.5	2.5	2.3		4.0	
2	WWA1	M	MID-EBB	2-Aug-06	9:22	7.90	26.2	5.81	5.88	5,88	90.6	89,1	8.2	21.4	2.1	2.3		4.0	
3	WWA1	В	MID-EBB	2-Aug-06			25.9	5.60	5.51	5.56	88.3	85.8	8.2	22,3	2.3	2.4	2.3	4.5	4.2
4	WWA2	S	MID-EBB	2-Aug-06		Zer Carrier	26.0	5.86	5.84		91.3	89.0	8.2	21.5	2.1	2.0		4.5	
5	WWA2	M	MID-EBB	2-Aug-06	9:30	9.70	26.1	5.76	5,70	5.79	89.2	86.7	8.2	22.2	2.2	2.3		6.0	
6	WWA2	В	MID-EBB	2-Aug-06			26.3	5.58	5.46	5,52	88.1	86.2	8.2	21.6	2.2	2.2	2.1	8.5	6.3
7	WWA3	S	MID-EBB	2-Aug-06	-22	2000	26.4	5.96	5,89	5556	90.9	87.4	8.2	17.1	1.7	3.0		4.5	
8	WWA3	M	MID-EBB	2-Aug-06	9:59	7.16	26.2	5.74	5.68	5.82	85.5	83.4	8.2	20.8	2.0	2.5		5,0	2584
9	WWA3	8	MID-EBB	2-Aug-06			25.9	5.58	5.49	5.54	85.9	84.1	8.2	23.1	1.9	2,3	2.2	3.8	4.4
10	WRA1	S	MID-EBB	2-Aug-06			26,3	5.90	5.82		87.9	85.8	8.2	21.6	1.5	1.7		3.5	
11	WRA1	M	MID-EBB	2-Aug-06	9:11	28.50	25.5	5.62	5.58	5.73	87.6	84.0	8.2	26.0	2.1	2.1		5.0	
12	WRA1	В	MID-EBB	2-Aug-06			24.9	5,48	5.41	5.45	85.7	81.7	8.2	28.9	2.4	2.7	2.1	10.0	6.2
13	WRA2	S	MID-EBB	2-Aug-06			26.2	5.82	5.87	2221	89.3	87.3	8.2	21.6	1.9	2.1		6.0	
14	WRA2	M	MID-EBB	2-Aug-06	9:00	21.70	25,5	5.80	5.74	5.81	86.9	83.0	8.2	24.4	2.2	2.0	1.750	8.0	17.047070
15	WRA2	В	MID-EBB	2-Aug-06			25,3	5.60	5.54	5.57	86.0	83.3	8.2	25.0	2.1	2.0	2.1	4.0	6.0
16	WRA3	S	MID-EBB	2-Aug-06		47.44	26.3	5.95	5.86	9889	88.1	86.2	8.2	21.8	1.7	1,9		4.5	
17	WRA3	M	MID-EBB	2-Aug-06	8:50	27.90	25.6	5.79	5.66	5.82	88,3	84.4	8.2	26.2	2.1	2.2	100000	4.5	0.085
18	WRA3	В	MID-EBB	2-Aug-06			25.1	5.50	5.43	5.47	88.5	84.5	8.2	28.0	2.3	2.3	2.1	4.5	4.5
19	WWFCZ1	S	MID-EBB	2-Aug-06			26.3	5.98	5.93		90.3	86.9	8.2	21.9	1.6	1.9		3.0	
	WWFCZ1	M	MID-EBB	2-Aug-06	8:13	31.30	25.9	5.80	5.71	5.86	91.3	87.4	8.2	24.2	2.2	2.1	200	4.3	.02
	WWFCZ1	В	MID-EBB	2-Aug-06			25.0	5.50	5.44	5.47	85,2	81.3	8.2	28.6	2.3	2.3	2.1	6.0	4.4
	WWFCZ2	S M	MID-EBB MID-EBB	2-Aug-06	8:26	34.50	26.3	5.89	5.80		95.3	92.0	8.2	21.8	1.7	1.7		3.3	
	WWFCZ2	B	MID-EBB	2-Aug-06	0:20	34.50	25.4	5.68	5.60	5.74	93.1	89.1	8.2	26,5	1.6	1.6		4.5	
	WFCZR1	S	MID-EBB	2-Aug-06			25.0	5.49 6.00	5,40	5.45	85.0	80.9	8.2	28.0	1.9	2.0	1.8	5.5	4.4
	WFCZR1	M	MID-EBB	2-Aug-06 2-Aug-06	8:00	40.10	25.7	5.67	5.54	5.77	89,0 86,1	86.9 82.8	8.2	21.5 25.8	1.7	1.9		5.5	
	WFCZR1	B	MID-EBB	2-Aug-06	0.00	40.10	25.7	5.52	5.46	5.49			8.2		2.0	1.9		6.0	198981
	WFCZR2	S	MID-EBB	2-Aug-06	-		26.0	5.96	5.91	5,49	85,8 94.8	81.9 91.7	8.2	27.9	1.9	2.1	1.9	3.5	5.0
	WFCZR2	M	MID-EBB	2-Aug-06	8:38	41.60	25.7	5.78	5.69	5.84	89.8	86.4	8.2	21.5	1.8	1.6		4.0	
	WFCZR2	B	MID-EBB	2-Aug-06	0.00	41.00	25.4	5.53	5.48	5.51	87.4	83.4	8.2	24.8 27.0	1.9	2.1	1.9	3.5	3.8
31	WWA1	S	MID-FLOOD	2-Aug-06		_	25.4	5.88	5.80	5,51	90.2	87.6	8.3	26.1	2.6	2.6	1.9	3.3	3.0
32	WWA1	M	MID-FLOOD	2-Aug-06	13:50	8.30	25.4	5.74	5.68	5.78	88.6	84.9	8.3	26.1	2.2	3.1		3.5	
33	WWA1	В	MID-FLOOD	2-Aug-06		0.00	25.2	5.54	5.48	5.51	91.3	88.0	8.2	26.3	3.3	3.2	2.8	5.0	3.9
34	WWA2	S	MID-FLOOD	2-Aug-06			25.5	5.90	5.86	9.01	92.5	89.5	8.2	25.9	2.3	2.0	2.0	5.5	3,9
35	WWA2	M	MID-FLOOD	2-Aug-06	14:00	11.70	25.4	5.79	5.70	5.81	89.1	86.7	8.2	26.0	2.1	2.1		6.5	
36	WWA2	В	MID-FLOOD	2-Aug-06			25.3	5.63	5.51	5.57	89.1	86.9	8.2	26.0	3.1	3.2	2.4	4.0	5.3
37	WWA3	S	MID-FLOOD	2-Aug-06			25.3	5.84	5.79		90.0	86.9	8.2	25.9	2.0	2.1	2.4	4.0	0.0
38	WWA3	M	MID-FLOOD	2-Aug-06	14:09	8.20	25.3	5.60	5.53	5.69	90.0	87.3	8.2	25.8	2.3	2.7		5.5	
39	WWA3	В	MID-FLOOD	2-Aug-06		3357	25.2	5.50	5.41	5.46	85.1	82.1	8.2	26.1	3.2	3.2	2.6	5.5	5.0
40	WRA1	S	MID-FLOOD	2-Aug-06			25.3	5.91	5.84	7.77	87.3	85.1	8.2	25.8	2.1	2.1	2.0	6.0	0.0
41	WRA1	M	MID-FLOOD	2-Aug-06	13:40	32,50	25.1	5.70	5.64	5.77	92.4	88.5	8.2	26.9	2.3	2.0		3.5	
42	WRA1	В	MID-FLOOD	2-Aug-06	alivedes. C	09000900	25.1	5.57	5.49	5.53	84.1	80.4	8.2	27.3	2.5	2.0	2.1	4.0	4.5
43	WRA2	S	MID-FLOOD	2-Aug-06			25.4	5.94	5.88		92.5	89.1	8.1	25.2	2.1	1.7		9.0	7.0
44	WRA2	M.	MID-FLOOD	2-Aug-06	13:28	24.70	25.3	5.76	5,68	5.82	91.1	88.0	8.1	27.2	2.1	1.9		8.5	

G: env project/23437/env_data/Marine/24583-2006-08 xls : Dat

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO. Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
45	WRA2	В	MID-FLOOD	2-Aug-06			24.6	5.54	5,47	5,51	83.4	80.6	8.1	29.3	1.8	1.6	1.9	7.0	8.2
46	WRA3	S	MID-FLOOD	2-Aug-06			25.4	5,88	5,74		90,6	88.6	8.0	26.0	2.0	1.9		5.0	
47	WRA3	M	MID-FLOOD	2-Aug-06	13:17	31,30	25_3	5.65	5,59	5.72	93.2	89.6	8.0	26.7	2.1	2.2		10.0	ĺ
48	WRA3	В	MID-FLOOD	2-Aug-06		1	25.2	5,50	5,43	5.47	90,7	87.1	8.1	27.1	2.6	2.8	2.3	4,5	6.5
49	WWFCZ1	S	MID-FLOOD	2-Aug-06			25.4	5.84	5.76		91.0	87.4	8,0	25.5	1.9	1.7		3.5	
50	WWFC21	M	MID-FLOOD	2-Aug-06	12:43	32.70	25.3	5,70	5.62	5,73	86,0	83,4	8.0	26.7	2.2	2.9		5.5	
51	WWFCZ1	В	MID-FLOOD	2-Aug-06		i	25.2	5,53	5,46	5.50	90,9	86.4	8.0	23.8	3.1	3.2	2.5	7,0	5.3
52	WWFCZ2	S	MID-FLOOD	2-Aug-06			25.4	5.93	5.87		93.9	89.7	8.1	25.9	1.9	1.8	_	7,5	
53	WWFCZ2	M	MID-FLOOD	2-Aug-06	12:55	36.90	25.0	5.73	5,68	5.80	90.7	86.9	8.1	27.8	1.7	1.7		4,5	
54	WWFCZ2	В	MID-FLOOD	2-Aug-06	1114		24.7	5.51	5.45	5.48	87.0	83.4	8.1	28.9	2.0	2.1	1.9	5.5	5.8
55	WFCZR1	S	MID-FLOOD	2-Aug-06			26.0	5.94	5,86		86.9	83.6	8.2	21.6	1.9	1.9		7.0	
56	WFCZR1	M	MID-FLOOD	2-Aug-06	12:30	40.80	24.9	5.74	5.68	5.81	B4.1	80.6	8.2	28.1	2.2	2.4		7.5	f .
57	WFCZR1	В	MID-FLOOD	2-Aug-06			24.4	5.54	5,47	5.51	88.0	82.6	8.2	30.1	2.0	1.6	2.0	8.5	7.7
58	WFCZR2	S	MID-FLOOD	2-Aug-06			25.2	5.89	5,80		98.7	94.0	8.2	26.3	1.6	1.6		8.5	
59	WFCZR2	M	MID-FLOOD	2-Aug-06	13:07	41,60	25.4	5.70	5.64	5.76	90.8	88.1	8,2	26.7	2.0	2.2		7.0	
60	WFCZR2	В	MID-FLOOD	2-Aug-06			24.9	5.50	5.43	5.47	88.9	86.0	8.2	28.1	2.2	2.9	2,1	7.0	7.5
61	WWA1	S	MID-EBB	4-Aug-06			25.8	6.02	5.92		96.4	94.3	8.2	22.7	2.0	2.1		4.0	1.0
62	WWA1	M	MID-EBB	4-Aug-06	10:52	6.80	25.7	5.84	5.78	5.89	91.7	89.1	8.2	23.1	1.7	1.8		5.5	
63	WWA1	В	MID-EBB	4-Aug-06		i	25.6	5,83	5.74	5.79	91.2	89.1	8.2	25.3	2.0	2.0	1.9	4.0	4.5
64	WWA2	S	MID-EBB	4-Aug-06			25.8	5.95	5.87		94.7	92.6	8.2	22.8	2.1	2.1		2.5	4.0
65	WWA2	М	MID-EBB	4-Aug-D6	11:02	10.00	25.7	5.97	5.94	5.93	92.1	90.5	8.2	24.0	3.6	3,5		4.0	
66	WWA2	В	MID-EBB	4-Aug-06	2000	- 1	25.7	5.86	5.83	5.85	90.2	88.4	8.2	24.2	3.1	3.2	2.9	6.0	4.2
67	WWA3	S	MID-EBB	4-Aug-06			25.B	5.93	5.88	1,00	94.2	90.2	8.2	22.8	2.3	2.5		2.8	7,4
68	WWA3	M	MID-EBB	4-Aug-06	11:12	7.00	25.7	5.70	5,61	5,78	87.6	85.1	8.2	23.6	2.9	2.7		3.3	
69	WWA3	В	MID-EBB	4-Aug-06			25.7	5.79	5.80	5.80	87.9	86.4	8.2	22.3	2.9	2.7	2.6	5.5	3,8
70	WRA1	S	MID-EBB	4-Aug-06			25.7	5.95	5.90	0.00	95.1	93.0	8.2	22.6	1.9	1.8	2.0	6.8	3,0
71	WRA1	M	MID-EBB	4-Aug-06	10:41	32.50	25,8	5.84	5.79	5.87	92.8	90.7	8.2	22.4	2.3	2.3		4.5	
72	WRA1	В	MID-EBB	4-Aug-06			25.4	5.58	5,49	5.54	87.8	85.8	8.2	26.4	1,3	1,4	1.8	4.5	5,3
73	WRA2	S	MID-EBB	4-Aug-06	-		25.6	5.93	5.87	5,54	94.2	91.9	8.2	22.8	3.3	3.5	1.0	9.0	3,3
74	WRA2	М	MID-EBB	4-Aug-06	10:30	24.00	25.4	5.79	5.72	5.83	90.7	88.5	8.2	25.7	1.5	1.8		9.0	
75	WRA2	В	MID-EBB	4-Aug-06			25.3	5.48	5.42	5.45	88.3	83.5	8.2	26.9	1,5	1,6	2.2	9.5	9.2
76	WRA3	S	MID-EBB	4-Aug-06		-	26.1	5.92	5.85	5.43	94.7	92.0	8.2	22.7	2.3	2.6		18.0	9,2
77	WRA3	M	MID-E8B	4-Aug-D6	10:20	23.80	25.4	5.82	5,79	5.85	88.9	85.1	8.2	26.6	1.8	1.9		10.0	
78	WRA3	В	MID-EBB	4-Aug-06		20,00	25.2	5.71	5.63	5.67	89.8	87.7	8.2	27.0	2.5	2.6	2.3	8.0	12.0
79	WWFCZ1	S	MID-EBB	4-Aug-06			25.6	5.89	5.86	3,07	93.5	91.9	8.2	23.8	2.7	2.9	2,3	4.0	12.0
	WWFCZ1	м	MID-EBB	4-Aug-06	9:43	30.70	25.3	5.78	5.70	5.81	91.3	89.3	8.2	26.3	1.7	1.5		3.5	
	WWFCZ1	В	MID-EBB	4-Aug-06	7,70	30,75	25.3	5.54	5.43	5.49	89.7	87.1	8.2	26.7	2.5	2.4	2.3	6.5	4.7
	WWFCZ2	S	MID-EBB	4-Aug-06	-		25.8	5.79	5.66	3.40	94.2	90.8	8.2	23.3	3.1	3.2	2,3	B.0	4,/
	WWFCZ2	M	MID-EBB	4-Aug-06	9:56	32.00	25.4	5.55	5.54	5.64	91.5	89.3	8.2	26.5	1.6	1.7		9,0	
	WWFCZ2	В	MID-EBB	4-Aug-06	0.50	02,00	25.1	5.50	5.45	5.48	90.8	88.8					2.7		
	WFCZR1	S	MID-EBB	4-Aug-06	-		25.7	5.90	5.83	5.40			8.2	27.1	3.2	3.3	2.7	7,0 5,0	0_8
	WFCZR1	M	MID-EBB	4-Aug-06	9:30	41.60	25.4	5.62	5,59	6.74	92.0 90.8	90.1	8.2	23.0	2.7				
	WFCZR1	В	MID-EBB	4-Aug-06 4-Aug-06	0.30	41.00		5.74		5.74		86.2	8.2	26.6	2.2	2,3		16.5	44.5
	WFCZR2	S	MID-EBB				25.4		5,47	5,61	87.5	86.1	8.2	27.0	2.3	2.4	2.4	13.0	11.5
UO.	WFCZRZ	5	MID-ERR	4-Aug-06	1	ı	25.8	5.91	5,85		94.5	91,5	8.2	23.3	2.4	2.5		4,5	

West Contract No.HY/2005/06Castle Peak Road Improvement - West of Tsing Lung Tau Water Quality Impact Monitoring - August 2006

Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	(2)	DO, Average value		DO, % saturation (2)	_	Salmity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
29	WFCZR2	M	MID-EBB	4-Aug-06	10:09	42.00	25.5	5.77	5.75	5,82	90.6	89.1	8.2	25.8	2,3	2.2		9.0	
90	WFCZR:2	6	MID-EBB	4-Aug-06			25_1	5.50	5,42	5,46	87.5	84.6	8.2	27.5	2.2	2.2	2,3	16.5	10.0
91	VVVVA1	S	MID-FLOOD	4-Aug-06			26.2	6.15	6,06		93.1	91.6	8.2	22.9	9,3	8,5		23,5	
92	VVVVA1	M	MID-FLOOD	4-Aug-06	15:19	7.90	25.8	5,80	5,77	5,95	89.4	87.9	8.2	25.2	3.7	3.2	5	8.0	
93	WWA1	В	MID-FLOOD	4-Aug-06	_		25.7	5.75	5,71	5,73	89,3	87.9	8.2	24.9	6.1	5.8	6.1	9,5	13,7
94	WWA2	S	MID-FLOOD	4-Aug-06	ļ.		26.6	6.13	6.07		93.1	91.9	8.2	21.9	2.5	3.2		6.0	
95	WWA2	M	MID-FLOOD	4-Aug-06	15:10	8.70	26.1	5,94	5,91	6,01	90.7	89.4	8.2	24.7	2,5	2.4		8.0	
96	WWA2	В	MID-FLOOD	4-Aug-06			25.7	5,54	5,46	5,50	85.4	82,4	8,2	25.6	2.8	2.4	2,6	5,0	6.3
97	WWA3	S	MID-FLOOD	4-Aug-06			27.6	6,07	5,97	1000	88.5	88.1	8,1	16.6	1.9	1.7		5,5	
98	WWA3	M	MID-FLOOD	4-Aug-06	15:00	7,80	26.5	6,03	5.97	6,01	89.6	88,3	8.1	21.5	2.5	2.6		6,5	
99	WWA3	В	MID-FLOOD	4-Aug-06			26.3	5,62	5.55	5,59	89.2	87.6	8.1	23.7	2.8	2.8	2.4	7.0	6_3
100	WRA1	S	MID-FLOOD	4-Aug-06			26.1	5,89	5.B2		93.9	91.9	8.2	22.9	1.9	2.1		6,5	
101	WRA1	M	MID-FLOOD	4-Aug-06	15:23	33,20	25.6	5,79	5.71	5,80	90.3	88,6	8.2	25.6	1.4	1.5		5.0	1
102	WRAT	В	MID-FLOOD	4-Aug-06			25.4	5,60	5.49	5,55	87.5	84,6	8.2	27.2	3.5	3.5	2,3	8,0	6.5
103	WRA2	S	MID-FLOOD	4-Aug-06			26,0	5,94	5.89		93.2	90.7	8.2	23.9	1.6	2.1		6.0	
104	WRA2	M	MID-FLOOD	4-Aug-06	15:35	28.10	25,5	5.76	5.66	5.81	88.5	86.6	8.2	26.7	3.7	3.6	1	5,0	i
105	WRA2	В	MID-FLOOD	4-Aug-06			25.5	5,50	5.44	5.47	89.8	86,9	8.2	27.3	4.0	4.1	3.2	7.5	6.2
106	WRA3	S	MID-FLOOD	4-Aug-06	_		25.9	5.90	5.81		92,1	90.4	8.2	23,9	1.4	1.7		5.8	
107	WRA3	M	MID-FLOOD	4-Aug-06	15:47	26.70	25.4	5.71	5.65	5.77	85.9	84.0	B.2	27.3	5.2	5.6	1	8,5	į .
108	WRA3	В	MID-FLOOD	4-Aug-06			25.4	5.46	5.42	5.45	87.4	84.9	8.2	27.3	5.2	5.5	4.1	12.0	8.8
109	WWFCZ1	S	MID-FLOOD	4-Aug-06			25.9	5,90	5.84		93.3	90.6	8.3	23.5	1.6	1.7		3,3	
110	WWFCZ1	M	MID-FLOOD	4-Aug-06	16:11	36.90	25.5	5.62	5.58	5.74	89.5	85.8	8.3	26.7	3.3	3.4	İ	16.0	ĺ
	WWFCZ1	В	MID-FLOOD	4-Aug-06		11111	25.3	5.50	5.47	5.49	88.3	84.6	8.3	27.3	6,9	5.3	3.7	10.0	9.8
	WWFCZ2	S	MID-FLOOD	4-Aug-06	-	_	25.6	5.83	5.78		90.9	88.9	8.2	25.0	2.0	2.4		14.0	
113	WWFCZ2	M	MID-FLOOD	4-Aug-06	16:25	37.40	25.4	5,70	5.62	5.73	88.6	86.8	8.2	27.1	4.1	3.9	i	9.0	ĺ
114	WWFCZ2	В	MID-FLOOD	4-Aug-06	10,20		25.4	5,56	5.53	5.55	85.9	83.5	8.2	27.5	4.8	4.7	3.6	6.0	9.7
115	WFCZR1	s	MID-FLOOD	4-Aug-06		-	25.6	5.82	5.76	0.00	92.3	89.7	8.3	26.6	3.2	3.5		4.8	
116	WFCZR1	₩.	MID-FLOOD	4-Aug-06	16:38	41.80	25.3	5.62	5,56	5.69	85.9	83.3	8.3	27.6	5.3	5.2		13.0	1
117	WFCZR1	В	MID-FLOOD	4-Aug-06	10.00	111,00	25.1	5.52	5.46	5.49	84.4	82.0	8.3	28.3	7.2	7.1	5.3	16.5	11,4
118	WFCZR2		MID-FLOOD	4-Aug-06	-	-	25.9	5.96	5.90	0.70	95.8	92.4	8.2	24.1	1.9	1.6	-	3.8	
119	WFCZR2	M	MID-FLOOD	4-Aug-06	15:59	42.70	25.4	5.80	5.75	5.85	85.4	83.6	8.2	27.1	4.5	4.3	1	13.0	ĺ
120	WFCZR2	В	MID-FLOOD	4-Aug-06	70.00	72,10	25.3	5.50	5.41	5.46	86.7	84.2	8.2	27.7	6.9	6.3	4.3	9.5	8.8
121	WWAT	S	MID-EBB	7-Aug-06		_	27.3	5.91	5.86	5.40	90.9	87.1	8.1	17.9	2.7	2.8		4,0	
122	WWAT	M	MID-EBB	7-Aug-06	11:19	6.60	26.7	5.79	5.73	5.82	83.6	81.5	8,1	21.9	3,5	3.7		9,0	1
123	WWA1	B	MID-EBB	7-Aug-06	11.13	0,00	26.6	5.60	5.51	5.56	87.9	85.5	8.1	22.5	4.2	3.9	3.5	9.0	7.3
124	WWA2	S	MID-EBB	7-Aug-06			27.2	5.88	5.84	0,00	91.2	89.6	8.1	19.2	2.5	3.0	3,0	5.5	
125	WWA2	M	MID-EBB	7-Aug-06	11:10	9.60	27.2	5.73	5.65	5.7B	85.1	82.6	8.1	19.5	2.4	3.1	i	3.0	1
126	WWA2	B	MID-EBB	7-Aug-06	11.10	0.00	27.1	5,56	5.52	5.54	88.4	85.7	8.1	19.8	2.4	2.5	2.7	4.0	4.2
127	WWA3	S	MID-EBB	7-Aug-06	_	_	27.6	5.89	5.80	3.54	86.6	84.2	8.1	19.0	2.2	2.5		4.5	
128	WWA3	M	MID-EBB	7-Aug-06	11:00	7.30	27.5	5.60	5.52	5.70	89.8	87.6	8.1	19.4	3.6	3.8	1	4.5	1
129	WWA3	B	MID-EBB	7-Aug-06	11.00	1,30	27.2	5.48	5.41	5.45	85.1	83.6	8,1	20.2	2.7	2.7	2.9	3.5	4.2
130	WRA1	Š	MID-EBB	7-Aug-06	-		27.5	5.86	5.80	3.43	90.6	89.1	7.6	15.9	2.1	2.1		2.8	112
	WRA1		MID-EBB	7-Aug-06	11:32	30.00	26.5	5.70	5.62	5.75	87.1	84.7	7.6	26.9	9.1	8,6	1	15.5	1
131		B	MID-EBB	7-Aug-06 7-Aug-06	11.32	30.00	26.3	5,50	5.44	5.47	89.1	85.6	7.6	27.4	9.3	8.8	6.7	20.5	12.9
132	WRA.1	В	MID-ERR	7-P(UG-U6			20.3	9,50	5.44	3.47	1 09.1	03.0	7.0	21,4	3.3	1 3.0	3.7	1 20.5	12.0

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
133	WRA2	s	MID-EB8	7-Aug-06			27.0	5.89	5.81	-	94.1	89.6	7.6	17.0	2.7	2.9		2.8	
134	WRA2	M	MID-EBB	7-Aug-06	11:43	26.90	26.2	5.71	5.66	5.77	86.1	83.6	7.6	25.8	6.6	7.1		9.0	1
135	WRA2	В	MID-EBB	7-Aug-06	. (F) 1 (S-1-3)	IMPARKS.	26.3	5.52	5.46	5,49	84.2	82.0	7.6	27.0	5.0	5.0	4.9	16.0	9.3
136	WRA3	5	MID-EBB	7-Aug-06			27.2	5.93	5.86		89.2	87.6	7.6	16.4	2.3	2.4		6,0	
137	WRA3	M	MID-EBB	7-Aug-06	11:54	25.20	26.4	5.73	5.68	5.80	87.6	84.6	7.6	25.8	4.8	4.8		11.0	
138	WRA3	В	MID-EBB	7-Aug-06			26.3	5.56	5.48	5.52	81.7	79.8	7.6	23.5	3.4	3.4	3.5	7.0	8.0
139	WWFCZ1	S	MID-EBB	7-Aug-06			26.9	5.90	5.84		91.1	88,1	7.8	16.2	2.0	2.3		8.0	
140	WWFCZ1	M	MID-EBB	7-Aug-06	12:33	35.60	26.4	5.70	5.61	5.76	87.6	83.1	7.8	25.5	2.7	2.5		11.5	
141	WWFCZ1	В	MID-EBB	7-Aug-06			26.2	5,46	5.41	5.44	87.2	83.9	7.8	26.2	3.1	2.9	2.6	6.5	8.7
142	WWFCZ2	S	MID-EBB	7-Aug-06			27.3	5.89	5.84		92.3	89.6	7.8	16.0	2.4	2.4		7.0	
143	WWFCZ2	M	MID-EBB	7-Aug-06	12:20	34.70	26.4	5.74	5.69	5.79	86.5	83.5	7.8	25.4	2,3	2.5		6.5	7.00
144	WWFCZ2	В	MID-EBB	7-Aug-06		555 HILLS X	26.3	5.54	5.48	5.51	85.6	82.6	7.8	28.8	3.1	3.2	2.6	10,5	8.0
145	WFCZR1	\$	MID-EBB	7-Aug-06			27,2	5.91	5.86		92.4	89.6	8.3	16.3	2.7	2.9		3.5	
146	WFCZR1	M	MID-EBB	7-Aug-06	12:46	39.10	26.6	5.69	5.64	5.78	86.2	83.5	8.3	23.2	1.6	2.0		3.3	1
147	WFCZR1	8	MID-EBB	7-Aug-06			26.3	5.53	5,46	5.50	88.6	85.1	8,3	23.4	2.3	2.5	2.3	4.0	3.6
148	WFCZR2	S	MID-EBB	7-Aug-06		22.000	27.5	6.10	5.98		93.9	90.9	7.8	15.8	2.1	2.4		4.5	
149	WFCZR2	M	MID-EBB	7-Aug-06	12:08	42.20	26.7	5.96	5,71	5.94	92.1	88.9	7.8	24.2	1.6	1.7		3.8	
150	WFCZR2	В	MID-EBB	7-Aug-06			26.3	5.45	5.40	5,43	86.8	84.1	7.8	25.3	1.7	2.1	1.9	7.0	5.1
151	WWA1	S	MID-FLOOD	7-Aug-06		1,57	27.9	5.86	5.81		92.5	90.7	8.0	17.2	2.7	3.0		11.5	
152	WWA1	M	MID-FLOOD	7-Aug-06	16:20	7,30	27.5	5.70	5.65	5.76	88.0	84.6	8.0	18.4	2.9	2.8		7.5	0.00
153	WWA1	В	MID-FLOOD	7-Aug-06			27.4	5.74	5.60	5.67	91.0	88.7	8.0	18.2	3,5	3.6	3.1	11.5	10.2
754	WWA2	S	MID-FLOOD	7-Aug-06			27,9	5.86	5.80		90,3	88.1	8.1	17.2	3.0	2.7		5.5	
155	WWA2	M	MID-FLOOD	7-Aug-06	16:10	9.80	27.7	5.70	5.63	5.75	88.9	86.5	8.1	17.8	3.3	3.4		6.0	800
156	WWA2	В	MID-FLOOD	7-Aug-06			27.6	5.60	5.51	5.56	86.3	84.7	8.0	17.4	3.1	3.2	3.1	10.5	7.3
157	WWA3	\$	MID-FLOOD	7-Aug-06			28.6	5.87	5.79		91.2	86.8	8.0	16.1	2.6	3.0		7.0	
158	WWA3	M	MID-FLOOD	7-Aug-06	16:00	8,20	27.9	5.63	5.52	5.70	88.5	86.2	8.0	17.6	2.8	3.2		8.5	
159	WWA3	8	MID-FLOOD	7-Aug-06			27.7	5,50	5.46	5,48	89.0	85.5	8.0	18.7	2.8	2.8	2.9	12.0	9.2
160	WRA1	8	MID-FLOOD	7-Aug-06	screen on	50,000,000	27.0	5.92	5.87		92.0	89.5	8.2	22.4	3.9	3.8		5,5	1
161	WRA1	M	MID-FLOOD	7-Aug-06	10:33	32,60	27.0	5.68	5.61	5.77	86.7	84.1	8.2	22.4	3.9	3.2		11.0	4
162	WRA1	В	MID-FLOOD	7-Aug-05			26.6	5.48	5.44	5.46	86.8	83.9	8.2	25.0	4.5	4.4	3.9	8.0	8.2
163	WRA2	S	MID-FLOOD	7-Aug-06		122	27.5	5,86	5.79		93.2	89.7	8.1	14.4	3.9	3.5		4.5	
164	WRA2	M	MID-FLOOD	7-Aug-06	16:44	27.70	26.8	5.61	5.53	5.70	88.4	83.6	8.1	22.4	3.5	4.0	0.00	4.5	22
165	WRA2	В	MID-FLOOD	7-Aug-06			26.4	5.50	5.43	5.47	85.6	82.6	8.1	25.8	5.6	5.3	4.3	8.0	5.7
166	WRA3	S	MID-FLOOD	7-Aug-06			28.0	5.82	5.79		91.1	87.8	8.1	14.1	3.9	3.6		3,5	
167	WRA3	M	MID-FLOOD	7-Aug-06	16:55	26.40	26.1	5.63	5.57	5,70	88.7	85.8	8.1	23,1	3.6	4.0	0791	2.3	598
168	WRA3	В	MID-FLOOD	7-Aug-06			26.5	5.50	5.44	5.47	86.8	83.5	8.1	25.6	4,5	4.4	4.0	7.5	4.4
169	WWFCZ1	S	MID-FLOOD	7-Aug-06	V-000.00	4000000	27.6	5.86	5.77	(S)=2(L)	91.8	89.2	8,1	14.9	2.9	2.7		5,5	
170	WWFCZ1	M	MID-FLOOD	7-Aug-06	17:33	37.40	27.0	5,68	5.64	5,74	88.7	85.5	8.1	19.7	5.6	4.2		3.5	
171	WWFCZ1	В	MID-FLOOD	7-Aug-06			26.4	5.50	5.45	5.48	85.9	82.3	8.1	25.4	7.5	6.2	4.8	14.5	7.8
	WWFCZ2	S	MID-FLOOD	7-Aug-06	GASTASA:	75.0 d to 1	28.2	5.93	5.85	- 13-54 C	95.3	91.7	8.1	14.6	3.5	2.7		5,5	
173	WWFCZ2	M	MID-FLOOD	7-Aug-06	17:20	36.50	26.9	5.76	5.68	5.81	86.4	83.8	8.0	20.7	3,3	4.2	1000	4.5	
174	WWFCZ2	В	MID-FLOOD	7-Aug-06			26.3	5.48	5.40	5.44	85.9	82.9	8.0	25.6	8.6	7.4	4.9	17.5	9.2
175	WFCZR1	\$	MID-FLOOD	7-Aug-06			27.1	5.76	5.70		89.7	85.2	8.0	15.5	4.0	3,9		11.5	
176	WFCZR1	M	MID-FLOOD	7-Aug-06	17:45	41.30	26.6	5.60	5.54	5.65	80.5	79.1	8.0	23.9	3.4	3.6		14.0]

Lab ID	Location	Dealtion	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L	DO, mg/L	DO. Average value	DO, % saturation	DO, % saturation	all Day	Callabu and	Turbidity,	Turbidity, NTU (2)	NTU. Averaged	Suspended	SS, Averaged
_	WFCZR1	B	MID-FLOOD	7-Aug-06	rime	uepin, m	26.3	(1)	(2)	5,44	(1) 80.1	(2) 77.8	8.0	Salinity, ppt 25,9	8.3	7.9	Value 5.2	Solid, mg/L	Value
	WFCZR1	S	MID-FLOOD	7-Aug-06	_		28.1	5.46	5,83	5,44	91.5	86.5	8.1	14.6	9.0	7.2	5,2	14,0 6.0	13.2
	WFCZR2	M	MID-FLOOD	7-Aug-06	17:08	43.80	26.6	5.71	5.63	5,77	86.5	82.9	8,1	23,9	3.6	3.0		7.0	
180	WFCZR2	В	MID-FLOOD	7-Aug-06	11,00	40.00	26.4	5.60	5.50	5.55	86.5	83.5	8.1	25.4	5.1	4.9	5.5	22.5	11,B
181	WWA1	S	MID-EBB	9-Aug-06	_		28.3	5,89	5,86	0,55	91.3	87.7	8.1	17.1	3,2	4.1	4,5	6.0	11.0
182	WWA1	M	MID-EBB	9-Aug-06	13:50	6.70	28.1	5.64	5.57	5.74	88.3	84.4	8,1	17.7	4.8	4.9		9,5	
183	WWA1	В	MID-EBB	9-Aug-06			28.1	5.49	5.41	5.45	85.B	83.3	8.1	18.1	4.3	4.2	4.2	10,5	8.7
184	WWA2	S	MID-EBB	9-Aug-06			28.1	5.90	5.82		8.88	85.3	8.0	18,9	8.0	7,7		9,5	
185	WWA2	M	MID-EBB	9-Aug-06	13:40	8,50	28.0	5.73	5,66	5,78	88,1	85.0	8.0	18,9	7.0	6.5		12.5	
186	WWA2	В	MID-EBB	9-Aug-06			28.0	5,50	5.44	5.47	89.9	87.1	8.0	19,0	8.1	8.0	7,6	13,0	11.7
187	WWA3	S	MID-EBB	9-Aug-06			28.3	5.84	5.79		86.5	84,3	8.0	18.3	5.2	5.1		12.5	
188	WWA3	M	MID-EBB	9-Aug-06	13:30	6.5D	28.2	5,63	5.58	5,71	87.7	85,1	8,0	19,1	6.0	5.8		10.5	0 1
189	WWA3	В	MID-EBB	9-Aug-06			28.1	5.50	5.43	5.47	85.2	82.2	8,0	19.2	5.5	5.4	5,5	10.0	11.0
190	WRAT	S	MID-EBB	9-Aug-06			28.2	5.81	5.78		0.88	84.8	8,0	16,8	3.1	3.2		6.0	
191	WRAT	M	MID-EBB	9-Aug-06	14:02	31,30	28.0	5.66	5.57	5.71	85.0	82,3	8.0	20.3	5.1	4.9		6,5	
192	WRA1	В	MID-EBB	9-Aug-06			27.5	5.49	5.42	5.46	84.0	79.8	8.0	25.2	10.9	8.5	5.9	32.0	14.8
193	WRA2	\$	MID-EBB	9-Aug-06		0.00	28.0	5,86	5.79		90.5	87.9	8.1	17.5	3.7	4.1		4.0	
194	WRA2	M	MID-EBB	9-Aug-06	14:14	23,90	27.9	5.70	5.60	5.74	84.6	81.8	8.1	20.5	6.5	6.3		8.5	
195	WRAZ	В	MID-EBB	9-Aug-06			27.8	5.54	5.46	5.50	82.6	79.8	8,1	21.2	5.6	5.4	5,3	10.0	7,5
196	WRA3	S	MID-EBB	9-Aug-06			28.1	5.84	5.78		87.9	84.8	8.2	17.3	3.7	3.6		3.5	
197	WRA3	M	MID-EBB	9-Aug-06	14:26	22,70	28.0	5,63	5.58	5,71	90.2	85.8	8.2	19.5	4.4	4.4		7.5	i
198	WRA3	В	MID-EBB	9-Aug-06			27.9	5,50	5.45	5,48	87.6	84.4	8,2	19,6	4.4	3.9	4,1	10,5	7.2
199	WWFCZ1	S	MID-EBB	9-Aug-06	45.04	20.50	28.3	5.87	5.79		89,7	86.6	8.1	16.0	4,3	3.7		6.5	
_	WWFCZ1	M	MID-EBB	9-Aug-06	15:04	29,50	27.6	5,66	5,64	5.74	87_1	82.6	8,1	21,B	3.9	3,6		5,5	
	WWFCZ1	B	MID-EBB MID-EBB	9-Aug-06	-		27.5	5.60	5.51	5,56	86_5 90.8	87.6 87.2	8.1	24.0	8.6	7.5	5,3	11,0	7.7
202	WWFCZ2 WWFCZ2	M	MID-EBB	9-Aug-06 9-Aug-06	14:52	31.20	28,3	5,92	5,86	5.80	87.0	84.9	8,D 8.D	15,4 21.0	3,9 4.5	3,5		6,5 12.0	1
203	WWFCZ2	B	MID-EBB	9-Aug-06 9-Aug-06	14.52	31,20	27.5	5,14	5,49	5.53	86.3	84.3	8.0	22,7	7.0	5.9	5.0	11.5	10.0
205	WFCZR1	S	MID-EBB	9-Aug-06	_		28.4	5,91	5,87	5,55	92,5	88.3	8.1	15,6	4.4	4.2	5,0	6.5	10.0
205	WFCZR1	M	MID-EBB	9-Aug-06	15:17	39.50	28.0	5.72	5,68	5,80	85.9	84.9	8.1	20,6	4.4	4.4		6.5	1
	WFCZR1	В	MID-EBB	9-Aug-06	1,000	00.00	27.8	5,50	5.42	5.46	83.6	80.6	8.1	21,4	5.0	4.2	4.4	6.5	6,5
	WFCZR2	S	MID-EBB	9-Aug-06	_	_	28.6	5.89	5,80	5,10	88.1	86.6	8.0	15,0	4.4	4.6		6.0	0,0
	WFCZR2	М	MID-EBB	9-Aug-06	14:39	41.30	27 B	5.72	5.64	5,76	90.6	86.5	8.0	21,4	4.0	3.9		6.5	
	WFCZR2	В	MID-EBB	9-Aug-06			27.5	5.52	5.47	5,50	83.8	80.8	8.0	23.1	5.2	5.1	4.5	8.5	7.0
211	WWA1	S	MID-FLOOD	9-Aug-06			27.6	5,91	5,87		94.7	90.5	B.3	19,9	2.4	2,4	100	3.0	
212	WWA1	M	MID-FLOOD	9-Aug-06	9.19	7,30	27_1	5,70	5,65	5.78	89,3	86.4	8,3	25.8	2.6	2.8		5.5	
213	WWA1	B	MID-FLOOD	9-Aug-06			27_1	5.50	5,44	5,47	81.1	79.6	8,3	26,0	4.3	4,2	3,1	3.5	4.0
214	WWA2	S	MID-FLOOD	9-Aug-06			27,5	5,86	5,80		88.8	85,7	8.3	23.1	3,2	3,1		8.0	
215	WWA2	M	MID-FLOOD	9-Aug-06	9,10	8,30	27.2	5.61	5,57	5,71	84.0	82.6	8,3	25,4	4.4	4,2		9,5	
216	WWA2	В	MID-FLOOD	9-Aug-06			27.7	5.48	5.44	5,46	86,3	83.4	8.3	25,5	4.2	4.3	3,9	12.0	9,8
217	WWA3	S	MID-FLOOD	9-Aug-06			27.5	5,86	5,B1		89.1	84.8	8_3	22,7	3.0	2.8		5.5	
218	VVVVA3	M	MID-FLOOD	9-Aug-06	9:00	7,50	27.4	5.60	5.53	5.70	86.1	84.2	8.3	24.1	4.3	4.1		7.5	
219	WWA3	В	MID-FLOOD	9-Aug-06			27.4	5.48	5.41	5.45	85.8	83.2	8.3	25.3	4.7	4.9	4.0	4.3	5,8
220	WRA1	S	MID-FLOOD	9-Aug-06			27.8	5.86	5.81		88.8	87.6	8.3	19.5	3.6	3.6		4.5	

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Lab	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L.	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Selinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
221	WRA1	M	MID-FLOOD	9-Aug-06	9:32	31,60	27.2	5.74	5.68	5.77	86.5	85.2	8.3	26.7	2.9	3.0		8.5	
222	WRA1	В	MID-FLOOD	9-Aug-06			27.1	5.57	5.66	5.62	85.0	81.6	8.3	26.5	5.0	4.8	3.8	9.0	7.3
223	WRA2	S	MID-FLOOD	9-Aug-06			27.6	5.86	5.79		88.8	86.4	8.3	19.5	4.1	4.1		3.5	
224	WRA2	M	MID-FLOOD	9-Aug-06	9:44	27.50	27.2	5,66	5.62	5.73	84.4	82.7	8.3	25.5	2.9	2.7		5,5	
225	WRA2	В	MID-FLOOD	9-Aug-06			27.1	5,50	5.46	5.48	84.4	80.5	8.3	27.0	4.0	4.2	3.7	7.0	5.3
226	WRA3	S	MID-FLOOD	9-Aug-66			27.5	5.87	5.76		89.0	86.0	8.3	18.7	3.8	3.6		4.0	
227	WRA3	M	MID-FLOOD	9-Aug-06	9:57	25.40	27.1	5.64	5.57	5.71	89.3	86.2	8.3	26.3	2.2	2.4		9.0	
228	WRA3	В	MID-FLOOD	9-Aug-06			27.1	5.52	5.46	5.49	80.1	79.6	8.3	25.4	3.5	3.2	3.1	4.5	5.B
229	WWFCZ1	S	MID-FLOOD	9-Aug-06			27.5	5.94	5,89		89.3	85.3	8.3	18.0	3.0	3.1		5,5	
230	WWFCZ1	M	MID-FLOOD	9-Aug-06	10:38	35.70	27.2	5.73	5,69	5.81	84.9	B1.9	8.3	26.3	2.4	2.5		4.5	
231	WWFCZ1	В	MID-FLOOD	9-Aug-06			27.1	5.56	5.48	5.52	82.4	80.2	8.3	25.5	2.9	3.0	2.8	4.0	4.7
232	WWFCZ2	S	MID-FLOOD	9-Aug-06			27.6	5.92	5.89		91.0	88.6	8.3	18.6	2.8	2.8		2.0	
233	WWFCZ2	M	MID-FLOOD	9-Aug-06	10:11	36.20	27.1	5.76	5.70	5.82	85.6	83.7	8.3	25.5	3.3	3.1		4.5	
234	WWFCZ2	В	MID-FLOOD	9-Aug-06			27.1	5.60	5.51	5.56	84.7	81.4	8.3	26.5	3.3	3.2	3.1	7.5	4.7
235	WFCZR1	S	MID-FLOOD	9-Aug-06			27.4	5.85	5.80		89.8	85.7	8.3	19.0	2.2	2.9		5.0	
236	WFCZR1	M	MID-FLOOD	9-Aug-06	10:49	40.30	27.1	5.70	5.65	5.75	86.8	B3.4	8,3	24.8	2.9	2.7		5,5	
237	WFCZR1	В	MID-FLOOD	9-Aug-06			27.1	5.58	5.49	5.54	83.9	81.1	8.3	23.9	3.1	3.1	2.B	4,0	4.8
238	WFCZR2	S	MID-FLOOD	9-Aug-06			27.4	5.89	5.85		89.2	85.2	8.3	18.5	2.6	2,7		10.5	
239	WFCZR2	М	MID-FLOOD	9-Aug-06	10:24	41.20	27.1	5.76	5.70	5.80	89.6	87.5	8.3	25.8	3.4	3.4		6.5	
240	WFCZR2	В	MID-FLOOD	9-Aug-06	h .		27.1	5.47	5.46	5.47	84.8	81.6	8.3	26.1	2.3	2.8	2.9	9.5	8.8
241	WWA1	S	MID-EBB	11-Aug-06			28.2	5.92	5.89		92.8	88.6	8.2	17.0	3.3	4.0		6.5	
242	WWA1	M	MID-EBB	11-Aug-06	14:20	6,50	28.0	5.65	5,60	5.77	84.6	84.0	8.2	16.9	4.6	4.6		13.0	
243	WWA1	В	MID-EB8	11-Aug-06			28.0	5.50	5.45	5.48	81.6	80.7	8.2	19.0	4.4	4.2	4.2	12.5	10.7
244	WWA2	S	MID-EBB	11-Aug-06			28.2	5.84	5.80		90.4	89.7	8.2	19.0	5,0	4.9		12.5	
245	WWA2	M	MID-EBB	11-Aug-06	14:10	9.00	28.2	5.71	5.66	5.75	83.7	83.0	8.2	18,8	4.4	4.6		18.0	
246	WWA2	В	MID-EBB	11-Aug-06			28.0	5,52	5.46	5.49	80.6	79.4	8.2	19.4	4_B	4.7	4.7	15.5	15.3
247	WWA3	S	MID-EBB	11-Aug-06			28.2	5.88	5.80		89.9	88.0	8.2	18.6	5.1	5.0		10.5	
248	WWA3	M	MID-EBB	11-Aug-06	14:00	6,70	28.1	5.68	5.60	5.74	84.8	84.0	8.2	19.4	5.0	4.9		10.5	
249	WWA3	8	MID-EBB	11-Aug-06			28.0	5.49	5.45	5.47	82.2	81.6	8.2	19.0	4.9	4.8	5.0	24.5	15.2
250	WRA1	S	MID-EBB	11-Aug-06			28,3	5.86	5.82		89.2	88.7	8.2	17.0	3.4	3.3		6.0	
251	WRA1	M	MID-EBB	11-Aug-06	14:33	30.20	28.0	5.64	5.60	5.73	85.6	84.7	8.2	21.4	4.9	4.9		12.5	
252	WRA1	В	MID-EBB	11-Aug-06			27.5	5.48	5.44	5,46	80.1	79.6	8.2	26.0	4.1	4.3	4.1	11.0	9.8
253	WRA2	S	MID-EBB	11-Aug-06			28 1	5.90	5,85		88.6	87.0	8.1	17.8	3.5	3.3		11.5	
254	WRA2	M	MID-EBB	11-Aug-06	14:46	24_30	27.8	5.77	5.70	5.81	84.3	84.1	8.1	21.9	5.0	4.9		16.0	
255	WRA2	В	MID-EBB	11-Aug-06			27.5	5.62	5.51	5.57	82.2	81.4	8.1	23.0	5.1	5.1	4.5	24.0	17.2
256	WRA3	S	MID-EBB	11-Aug-06			28.2	5.87	5.81		89.0	88.3	8.1	17.5	3.6	3.7		14.5	
257	WRA3	M	MID-EBB	11-Aug-06	14:59	23.00	27.8	5.64	5.57	5.72	85.0	85.1	8.1	20,8	3.4	3.5		17.5	
258	WRA3	В	MID-EBB	11-Aug-06			27.6	5.53	5.48	5.51	82.4	81.0	8.1	22.7	3.8	3.7	3.6	10.0	14.0
259	WWFCZ1	S	MID-EBB	11-Aug-06			28.4	5.90	5.82		89.0	82.1	8.1	16.8	4.1	4.2		7.0	
260	WWFCZ1	M	MID-EBB	11-Aug-06	15:37	30.20	27.8	5.66	5.59	5.74	86.0	85.2	8.1	22.8	3.8	3.8		5.0	
261	WWFCZ1	В	MID-EBB	11-Aug-06			27.4	5.50	5.47	5.49	81.1	80.6	8.1	25.3	5.1	5.2	4.4	16.0	9,3
262	WWFCZ2	ŝ	MID-EBB	11-Aug-06			28.3	5.87	5.79		90.3	88.8	8.2	16.7	4.1	4.2		5.5	
263	WWFCZ2	M	MID-EBB	11-Aug-06	15:25	31.90	27.6	5.64	5.58	5.72	86.4	84.7	B.2	21.8	4.4	4.2		7.5	0
264	WWFCZ2	В	MID-EBB	11-Aug-06			27.4	5.48	5.41	5.45	82.0	81.0	8.2	24.7	5.0	4.8	4.4	9.5	7.5

West Contract No.HY/2005/06Castle Peak Road Improvement - West of Tsing Lung Tau Water Quality Impact Monitoring - August 2006

Lab	Location Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity,	Turbidity.	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
265	WFCZR1 S	MID-E88	11-Aug-06	- Control	100000000000000000000000000000000000000	28.4	5.86	5.80		88.7	85.4	8.2	17.6	4.8	4.7		6.5	
266	WFCZR1 M	MID-EBB	11-Aug-06	15:49	40.00	27.6	5.71	5.68	5.76	86.0	84.9	8.2	21.6	4.2	4.2		8.5	
267	WFCZR1 B	MID-EBB	11-Aug-06		27605374	27.1	5.57	5.47	5.52	83.5	82.1	8.2	23.0	4.8	4.7	4.6	7.0	7.3
268	WFCZR2 S	MID-EBB	11-Aug-06			28.5	5.86	5.78		89.6	88.4	8.2	16.2	4.5	4.5		9.0	
269	WFCZR2 M	MID-EBB	11-Aug-06	15:12	40.80	27.7	5.64	5.59	5.72	86.1	84.7	8.2	22.8	4.3	4.2		7.0	e e
270	WFCZR2 B	MID-EBB	11-Aug-06		3620300	27.3	5.48	5.40	5.44	80.8	79.8	8.2	23.9	5.0	4.9	4.6	0.8	8.0
271	WWA1 S	MID-FLOOD	11-Aug-06			27.5	5.83	5.76		95.7	94.8	8.3	20.7	2.6	2.5		6.0	
272	WWA1 M	MID-FLOOD	11-Aug-06	9:27	8.20	27.3	5.74	5.66	5.75	94.6	92.1	8.3	24.5	2.9	2.8		15.5	1
273	WWA1 B	MID-FLOOD	11-Aug-06			27.2	5.49	5.41	5.45	90.5	88.6	8.3	25.9	3.1	3.1	2.8	19.5	13.7
274	WWA2 S	MID-FLOOD	11-Aug-06			27.6	5.89	5.82		89.7	88.3	8.3	22.5	3.1	3.1		10.5	
275	WWA2 M	MID-FLOOD	11-Aug-06	9:13	8.90	27.4	5.75	5.62	5.77	88.5	87.2	8.3	24.8	3.5	3.2		20.0	
276	WWA2 B	MID-FLOOD	11-Aug-06		10000000	27.3	5.53	5.41	5.47	87.5	86.2	8.3	25,7	4.1	4.0	3.5	15.5	15.3
277	WWA3 S	MID-FLOOD	11-Aug-06			27.6	5.78	5.72		87.3	87.1	8.3	21.6	3.1	2.9		8.5	
278	WWA3 M	MID-FLOOD	11-Aug-06	9:00	8.60	27.4	5.64	5.61	5.69	86.5	86.3	8.3	23.5	3.2	3.2		20.0	
279	WWA3 B	MID-FLOOD	11-Aug-06		1000000	27.2	5.56	5.42	5.49	86.9	86.4	8.3	26.9	4.5	4.2	3.5	24.5	17.7
280	WRA1 S	MID-FLOOD	11-Aug-06			27.9	5.79	5.73		87.2	86,5	8.3	20.7	3.5	3,5		4.5	
281	WRA1 M	MID-FLOOD	11-Aug-06	9:40	33.50	27.4	5.64	5.61	5.69	85.3	84.8	8.3	22.8	3.0	2.9		15.5	1
282	WRA1 B	MID-FLOOD	11-Aug-06			27.2	5.63	5.57	5.60	85,1	84.2	8,3	27.5	4.2	4.1	3.5	6.0	8.7
283	WRA2 S	MID-FLOOD	11-Aug-06			27.7	5.93	5.82	171.000	87.9	87.2	8.3	19.3	4.0	3.8		9.5	
284	WRA2 M	MID-FLOOD	11-Aug-06	9:56	29.60	27.5	5.71	5.69	5.79	86.5	86.2	8.3	24.5	3.1	3.1		5.0	
285	WRAZ B	MID-FLOOD	11-Aug-06			27.3	5.58	5.41	5.50	84.9	84.2	8.3	26.2	3.2	3.2	3.4	11.5	8.7
286	WRA3 S	MID-FLOOD	11-Aug-06			27.4	5.76	5.71		88.6	87.5	8.3	19.6	3.8	3.7		4,5	
287	WRA3 M	MID-FLOOD	11-Aug-06	10:17	26,50	27.1	5.66	5.62	5.69	87.3	86.1	8.3	23.6	3.2	3.2		5.3	D
288	WRA3 B	MID-FLOOD	11-Aug-06	120000		27.0	5.48	5.51	5.50	85.3	84.6	8.3	24.1	3.3	3.2	3.4	12.5	7.4
289	WWFCZ1 S	MID-FLOOD	11-Aug-06			27.6	5.83	5.79		87.2	86.1	8.3	19.5	3.2	3.3		7.5	
290	WWFCZ1 M	MID-FLOOD	11-Aug-06	10:54	36.50	27.4	5.89	5.81	5.83	87.9	85.3	8.3	25.4	3.2	3.2		14.5	200
291	WWFCZ1 B	MID-FLOOD	11-Aug-06			27.3	5.71	5,68	5.70	83.1	82.5	8.3	27.3	3.1	3.1	3:2	7.5	9.8
292	WWFCZZ S	MID-FLOOD	11-Aug-06	Carcon !	DATES LONG	27.7	5.75	5.69		89.5	88.2	8.3	19.5	2.8	3.0		7.0	
293	WWFCZ2 M	MID-FLOOD	11-Aug-06	10:41	37.10	27.5	5.71	5.69	5.71	85.7	84.6	8.3	24.9	3.2	3.3	900	8.0	
294	WWFCZ2 B	MID-FLOOD	11-Aug-06			27.4	5,77	5.68	5.73	83.7	82.5	8.3	28,3	3,1	3.2	3.1	12.0	9.0
295	WFCZR1 S	MID-FLOOD	11-Aug-06		7.00000	27.7	5.75	5.71	.000	88.3	87.2	8.3	18.6	2.9	2.8		5.0	
296	WFCZR1 M	MID-FLOOD	11-Aug-06	11:16	42,50	27.6	5.68	5.62	5.69	85.4	84.6	8.3	25.1	2.8	2.8	202	9.0	
297	WFCZR1 B	MID-FLOOD	11-Aug-06			27.5	5.63	5.61	5.62	82.5	82.1	8.3	25.7	3.2	3.2	2.9	5,5	6,5
298	WFCZR2 S	MID-FLOOD	11-Aug-06			27.6	5.78	5.72		87.1	86.5	8.3	17.1	2.7	2.8		2.8	
299	WFCZR2 M	MID-FLOOD	11-Aug-06	10:30	41.80	27.2	5.68	5.61	5.70	88.3	87.2	8.3	24.3	3,2	3.2	0.00	5.5	88
300	WFCZR2 B	MID-FLOOD	11-Aug-06			27.2	5,56	5.49	5,53	85.4	83.2	8.3	25.8	3.3	3.1	3.1	7.0	5.1
301	WWA1 S	MID-EBB	14-Aug-06			29.4	5.84	5.81		85.7	82.6	7.7	12.7	4.4	4.1		0.8	1
302	WWA1 M	MID-EBB	14-Aug-06	16:21	7.60	28.6	5.80	5.79	5.81	89.7	87.6	7.7	21,3	4.1	3.8	12	6.5	
303	WWA1 B	MID-EBB	14-Aug-06			28.4	5.54	5.50	5.52	87.3	84.8	7.7	23.9	5.6	5.1	4.5	10.0	8.2
304	WWA2 S	MID-EBB	14-Aug-06		40.05	28.8	5,88	5.82		89.7	86.0	7.6	22.4	4.7	3.9		9.5	
305	WWA2 M	MID-EBB	14-Aug-06	16:10	10.20	28.6	5.70	5.68	5.77	86.9	84.7	7.6	23.4	4.2	4.5	4.2	7.5	9.2
306	WWA2 B	MID-EBB	14-Aug-06			28.3	5,53	5.46	5.50	87.8	85.1	7.6	24.7	3.8 4.0	4.0	4.2	7.5	9.2
307	WWA3 S	MID-EB8	14-Aug-06	40.00	7.40	28.6	5.85	5.80		89.8	87.1	7.7	12271		4.2		5.5	
308	WWA3 M	MID-EBB	14-Aug-06	16:00	7.10	28.3	5.71	5,67	5.76	84.7	82.2	7.7	24.0	4.2	4.3	t)	5,5	1

G: env project 23437 env_data/Marine 24583-2006-08 xk | Data

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
309	WWA3	8	MID-EBB	14-Aug-06			27.9	5.90	5.46	5,68	84.8	81.4	7.7	25.9	3.8	4.1	4.1	6.5	6.5
310	WRA1	S	MID-EBB	14-Aug-06			28.3	5.87	5.82		92.7	88.6	7.4	22.3	4_D	3.9		5,5	
311	WRA1	M	MID-EBB	14-Aug-06	16:35	29,60	27.9	5.64	5.58	5,73	89.6	85.9	7.4	25.8	5.6	5.6		7.5	ľ
312	WRA1	В	MIO-EBB	14-Aug-06			27.8	5.48	5.47	5,48	90.1	86.3	7.4	26.8	6.1	6.3	5,2	10.0	7.7
313	WRA2	S	MID-EBB	14-Aug-06			28.5	5.89	5.82		92.5	89,6	7.7	22.1	5,1	4.9		7.0	
314	WRA2	M	MID-EBB	14-Aug-06	16:49	25.10	27.8	5.60	5.57	5,72	88.1	84.4	7.6	24.8	3.8	4.1		7.0	į.
315	WRA2	В	MID-EBB	14-Aug-06			27.6	5,49	5.46	5,48	86.1	83.3	7.7	26.4	4.9	4.9	4.6	10.0	B.0
316	WRA3	8	MID-EBB	14-Aug-06			28.1	5.84	5.78		89.9	86.5	7.7	23.5	4.1	4.0		16.0	
317	WRA3	M	MID-EBB	14-Aug-06	17:02	21,20	27.8	5.64	5.61	5.72	86.6	83.6	7.7	25.4	3.9	4.1		7.5	í.
316	WRA3	В	MID-EBB	14-Aug-06			27.8	5.46	5.42	5,44	86.1	83.1	7.7	26.1	4.3	4.3	4.1	7.5	10.3
319	WWFCZ1	S	MID-EBB	14-Aug-06			28.1	5.79	5.74		91.0	87.2	7.5	22.2	4.1	4.3		6.0	
320	WWFCZ1	ÍVÎ	MID-EBB	14-Aug-06	17:45	30,20	27.8	5,60	5.33	5,62	87.9	86.4	7,5	25.9	5.7	4.8		7.0	fi.
321	WWFCZ1	В	MID-EBB	14-Aug-06			27.7	5.51	5.46	5,49	85.1	81.8	7.5	26.7	5.3	5,3	4,9	9.0	7.3
322	WWFC22	S	MID-EBB	14-Aug-06			28.3	5.85	5.78		89.6	84.0	7.5	22,5	3,9	4.3		10.5	
323	WWFCZ2	fvt	MID-EBB	14-Aug-06	17:32	33,60	27.9	5,66	5.60	5,72	86.3	82.8	7.5	25.3	5,0	5.4		8,5	Ė.
324	WWFCZ2	В	MID-EBB	14-Aug-06	21 TOO-1		27.7	5.53	5,47	5.50	67.7	84.7	7.5	25.6	4.6	4.3	4.6	6,5	8.5
325	WFCZR1	S	MID-EBB	14-Aug-06			28.3	5.86	5.79		90.6	88.88	7.8	22.4	4.5	4.2		11.0	
326	WFCZR1	M	MID-EBB	14-Aug-06	17:58	41.50	27.7	5,60	5,56	5,70	87.9	84_1	7.9	26.2	4.0	3.9		9.0	
327	WFCZR1	В	MID-EBB	14-Aug-06			27.7	5.47	5.44	5,46	84.9	80,6	7.9	26.3	5.5	5.2	4.6	9.0	9,7
328	WFCZR2	S	MID-EBB	14-Aug-06			28.4	5.90	5.85		92.2	87.6	7.8	22.5	4.4	4.3		4.0	
325	WFCZR2	M	MID-EBB	14-Aug-06	17:19	39,50	27.9	5.58	5.50	5.71	86.8	83.5	7.8	24.6	5.4	5.4		6.0	
330	WFCZR2	В	MID-EBB	14-Aug-06			27.8	5.45	5.41	5,43	88.5	84.7	7.8	25.1	5.2	4.7	4.9	7.5	5.8
331	WWA1	S	MID-FLOOD	14-Aug-06			27.7	5.94	5.90		94.0	89,8	8.4	25.4	5.8	4.9	-	9.5	
332	WWAT	M	MID-FLOOD	14-Aug-06	11:46	8.00	27.7	5.60	5.54	5,75	83.7	81.7	8.35	25.5	6.4	6.3		10.5	
333	WWA1	В	MID-FLOOD	14-Aug-06			27.7	5.48	5.42	5.45	83.0	79.3	8.4	25.7	5.0	5,9	5.9	10.5	10.2
334	WWA2	S	MID-FLOOD	14-Aug-06			27.7	5.84	5.76		89.6	86.4	8.4	25.6	4.7	4.6		9.0	
235	WWA2	M	MID-FLOOD	14-Aug-06	11:55	10.80	27.6	5.68	5.60	5.72	88.9	85.2	8.4	25.6	6.9	€.7		11.0	£ .
336	WWA2	В	MID-FLOOD	14-Aug-06			27.6	5.51	5.46	5.49	85.4	81.0	8.4	25.7	5.3	5,3	5.6	9.5	9.8
237	WWA3	S	MID-FLOOD	14-Aug-06			27.7	5.87	5.80		87.3	82.7	8.4	25.6	5.6	5.3	4	9.5	
336	WWA3	M	MID-FLOOD	14-Aug-06	12:04	7.50	27.7	5.58	5.55	5.70	85.2	81.8	8.3	25.6	5.4	5.2		13.5	ľ.
339	VVVVA3	В	MID-FLOOD	14-Aug-06			27.7	5.48	5.42	5.45	83.4	80.4	8,3	25.7	4.3	4.3	5.0	12.5	11.8
340	WRA1	S	MID-FLOOD	14-Aug-06			27.7	5.85	5.80		87.8	83.8	8.4	25.6	5,3	5.3		9.0	
341	WRA1	M	MID-FLOOD	14-Aug-06	11:37	30.10	27.7	5.66	5.60	5.73	86.1	82.3	8.4	25.9	3.4	3.3		6.5	
342	WRA1	В	MID-FLOOD	14-Aug-06			27.7	5,51	5.43	5.47	83.5	80.7	8.4	26.1	5.3	5.3	4.6	7.0	7.5
343	WRA2	S	MID-FLOOD	14-Aug-06			27.6	5.90	5.85		88.4	82.7	8.4	25.5	4.0	4.1	7	6.0	
344	WRA2	M	MID-FLOOD)	14-Aug-06	11:26	25.40	27.7	5.65	5.60	5.75	82.4	80.6	8.4	26.0	5.3	5.2		13.0	
345	WRA2	В	MID-FLOOD	14-Aug-06			27.6	5.48	5,43	5.46	83.1	80.3	8.4	26.1	5.6	5.2	4.9	8.0	9.0
346	WRA3	S	MID-FLOOD	14-Aug-06			27.5	5.93	5.89		89.0	83.9	8.4	25.8	4.9	4.7		6,5	
347	WRA3	M	MID-FLOOD	14-Aug-06	11:16	22.30	27.6	5.76	5.69	5.82	B5.3	81.3	8.3	25.B	3.3	3.2		9.0	
345	VVRA3	В	MID-FLOOD	14-Aug-08			27.6	5.50	5.44	5.47	83.2	80,3	8.3	26.3	6.2	6.0	4.7	9.5	8.3
349	WWFCZ1	S	MID-FLOOD	14-Aug-06			28.1	5.91	5,87		92.2	85.9	8.3	18.2	2.6	2.9		4.0	
350	WWFCZ1	M	MID-FLOOD	14-Aug-06	10:44	31.30	27.8	5.61	5.57	5.74	89.8	85.2	8.3	25.1	8.8	7.6		13,0	
	WWFCZ1		MID-FLOOD	14-Aug-06			27.7	5.46	5.40	5.43	88.2	84.7	8.3	25.8	6.5	6,3	5.8	20.0	12.3
	WWFCZ2		MID-FLOOD	14-Aug-06			27.7	5.89	5.82		91.5	87.2	8.4	24.5	8.0	7.4		16.0	

Lab ID	Location	Position	Tide	Sampling Date	Time	Waler depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, pro	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid_mg/L	SS, Averaged Value
353	WWFCZ2	M	MID-FLOOD	14-Aug-06	10:56	35,00	27.1	5,59	5.53	5,71	87.4	84.1	8.4	25.1	7.8	6.9		15.0	
354	WWFCZ2	В	MID-FLOOD	14-Aug-06			27.7	5,46	5.40	5,43	86.5	81.8	8.4	25,5	10,6	10,8	8.6	20.5	17.2
355	WFCZR1	S	MID-FLOOD	14-Aug-06			28,0	5,86	5,80		90.5	85,2	8.2	20.7	2.7	3.1		16.5	
358	WFCZR1	M	MID-FLOOD	14-Aug-06	10:30	42,70	27_7	5,64	5,58	5,72	88.6	86.1	8.2	26.1	7.5	6_B		15.0	
357	WFCZR1	В	MID-FLOOD	14-Aug-06			27.7	5.48	5,42	5,45	86.8	84.0	8.2	27.5	11.3	12.1	7.3	14.0	15.2
358	WFCZR2	S	MID-FLOOD	14-Aug-06			27.7	5.84	5.79		86.2	82.2	8,4	24.5	7.7	7.7		12.0	
359	WFCZR2	M	MID-FLOOD	14-Aug-06	11:06	40,90	27.7	5.68	5,59	5,73	87.2	83,4	8.4	25.6	11.3	10.7		18.0	
360	WFCZR2	В	MID-FLOOD	14-Aug-06			27,7	5.50	5.45	5.48	85.0	82.2	8.4	26.5	8.6	9.2	9.2	23.0	17,7
361	WWA1	S	MID-EBB	16-Aug-06			29.4	5.86	5.84		94,6	94_0	8.2	17,5	5,9	5.4		12.0	
362	WWA1	M	MID-EBB	16-Aug-06	10:44	30,20	29.0	5,63	5,58	5,73	90_0	88.3	8.2	19.0	6,1	6,0	2020	11.0	
363	WWA1	В	MID-EBB	16-Aug-06			28.6	5.50	5.46	5,48	87.4	84,4	8.2	20.0	4.9	4.3	5,4	9.5	10,8
364	WWA2	S	MID-EBB	16-Aug-06	44.00	04.70	29.5	5,90	5.85		92.1	90,6	8.2	17.2	3.5	3,3		2.8	
365	WWA2	M	MID-EBB	16-Aug-06	11:00	24.70	28.7	5.76	5.68	5,80	90.1	87.4	8.2	19.0	3.7	3.3		7.5	
366	WWA2	В	MID-EBB	16-Aug-06			28.8	5,50	5,46	5,48	61_0	79.6	8.2	19.5	3.4	3,2	3_4	4.0	4_8
367	WWA3	S	MID-EBB	16-Aug-06			28.7	5.88	5.82		89,2	86,5	8,2	19.1	3.8	3,8		7.5	
368	WWA3	M	MID-EBB	16-Aug-06	11:13	25,10	28.7	5,64	5,60	5.74	90_0	87.3	8.2	19.3	4.1	4.1		8.5	
369	WWA3	В	MID-EBB	16-Aug-06	_		28.5	5,56	5.51	5,54	82.6	80,1	8.2	20.1	3.7	3,7	3.9	6,5	7_5
370	WRA1	S	MID-EBB	16-Aug-06			28.9	5.90	5.86		93.6	90,8	8,3	17.3	5,6	5.4		7.5	
371	WRA1	M	MID-EBB	16-Aug-06	10:29	8,30	28.3	5.74	5,71	5,80	89.0	84.5	8,3	23,8	4.2	4.1		7,5	
372	WRA1	8	MID-EBB	16-Aug-06			27.9	5,58	5.50	5,54	84.4	80.7	8.3	25,9	4.1	4.3	4_6	6.0	7,0
373	WRA2	s	MID-EBB	16-Aug-06	40.40	10.00	29.1	5,84	5,80		93.6	91.4	8.3	16.8	3.7	3.6		5.0	
374	WRA2	М	MID-EB8	16-Aug-06	10:19	10,90	28.5	5,66	5.59	5.72	89.0	84.0	8.3	21.8	4.0	3.7		5.5	
375	WRA2	В	MID-EBB	16-Aug-06			28.2	5.51	5.47	5.49	85.4	82.4	8.3	24.6	3,9	3.8	3.8	6.5	5,7
376	WRA3	S	MID-EBB	16-Aug-06	48.00		29.1	5.82	5.79		92.9	90.7	8.3	17.0	4.0	4.2		7.0	
377	WRA3	M	MID-EBB	16-Aug-06	10:09	9.50	28.7	5.60	5.57	5.70	85.6	82.7	8.3	21.1	3.6	3.7		7.0	
378	WRA3	В	MID-EBB	16-Aug-06			28.4	5.48	5.42	5.45	81,0	80.3	8.3	24.8	4.4	4.3	4_0	5.5	6.5
_	WWFCZ1	S	MID-EBB	16-Aug-06	0.00		28.7	5,94	5.89		93,3	91,3	8.3	16.8	4.7	4.8		8.5	
360	WWFCZ1	M	MID-EBB	16-Aug-06	9.32	33.00	28.3	5.60	5.54	5.74	87.5	83.9	8.3	22.1	5.3	5.0		10.0	
381	WWFCZ1	В	MID-EBB	16-Aug-06	_		28.1	5_51	5.46	5.49	86.8	82.5	8.3	24.9	6.1	6.1	5.3	12.5	10,3
382	WWFCZ2	S	MID-EBB	16-Aug-06	0.44		28.B	5.84	5,80		91,9	89.9	8.4	17.1	3.4	3.3		8.5	
383	WWFCZ2	M	MID-EBB	16-Aug-06	9:44	32,30	28,4	5,65	5.58	5.72	89.6	85,8	8.4	22.4	5.2	5.4		9,5	
384	WWFCZ2	В	MID-EBB	16-Aug-06			28.0	5.49	5.42	5,46	87.2	83,5	8.4	25.7	4.3	4.3	4.3	9.5	9.2
385	WFCZR1	S	MID-EBB MID-EBB	16-Aug-06	0.00	38.00	28.8	5.86	5.82		90.7	87.8	8,3	17.4	3.9	3.5		5.0	
386 387	WFCZR1	M		16-Aug-06	9:20	36.00	28.4	5,76	5.71	5,79 5,46	87.4	84.3	8.3	22.2 25.9	4,6	4.3		8.0	
388		B S	MID-EBB MID-EBB	16-Aug-06	_		28,1	5.47		5.46	82.6	80.1	8,3		4.5	4.7	4.3	8.0	7.0
388	WFCZR2	M		16-Aug-06	9:57	38.90	28.7	5.83	5.76	5.00	93.3	90.7	8.3	16.7	3.6	3.7		8,5	
390	WFCZR2		MID-EBB	16-Aug-06	9:57	30.90	28.6	5.59	5.56	5.69	87.1	84.4	8.2	23.4	5.5	5.4		11.5	44.0
390	WFCZR2 WWA1	S	MID-EBB	16-Aug-06			28.2	5.48	5.44 5.76	5.46	84.6	81.3	8.2	23.3	4.4	4.6	4.5	13.5	11,2
			MID-FLOOD	16-Aug-06	12:45	8.80	28.9	5.88		F 70	92.8	92.0	7,5	22.9	4.5	4.5		9.5	
392	WWA1	M	MID-FLOOD	16-Aug-06	13:48	0.00	28.8	5.71	5.68	5.76	89.1	88.7	7.5	24.6	5.0	4.9		10.0	
393	WWA1	В	MID-FLOOD	16-Aug-06	_		28.5	5.47	5.46	5.47	87.0	85.3	7.5	24.9	5.1	4.9	4.8	11.0	10.2
394	WWA2	S	MID-FLOOD	16-Aug-06	42.25	14.50	28.9	5,89	5.79	5.70	91,9	91.0	7.5	23,3	5.2	5.0		9.0	
395	WWA2	M	MID-FLOOD	16-Aug-06	13:39	11.50	28.7	5.7B	5.66	5.78	89.9	89.1	7.5	23.9	4.8	4.8	4.0	12.5	***
396	WWA2	В	MID-FLOOD	16-Aug-06			28.6	5,50	5.45	5.48	87.6	86.5	7.5	24.0	4.7	4.5	4,8	11.5	11.0

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS. Averaged Value
397	WWA3	S	MID-FLOOD	16-Aug-06			29.6	5,90	5.85		88.2	85.0	7.5	10.5	4.1	4.0		11.5	
398	WWA3	M	MID-FLOOD	16-Aug-06	13:30	9.80	29.0	5.82	5.77	5.84	89.3	88.1	7.5	23.7	4.2	4.6		11.5	
399	WWA3	В	MID-FLOOD	16-Aug-06		1405507	28.8	5.58	5.50	5.54	82.8	81.6	7.5	23.9	4.6	4.5	4.3	13.0	12.0
400	WRA1	8	MID-FLOOD	16-Aug-06			28.7	5.93	5.90		92.2	91.5	7.5	23.4	4.6	4.3		10.0	
401	WRA1	М	MID-FLOOD	16-Aug-06	14:03	30.60	28.1	5.80	5.76	5.85	88.6	85.4	7.5	27.0	6.0	5,8		9.5	ľ
402	WRA1	В	MID-FLOOD	16-Aug-06			28.1	5.60	5.55	5.58	86.3	82.9	7.5	26.6	4.6	4.3	4.9	6.5	8.7
403	WRA2	S	MID-FLOOD	16-Aug-06			28.7	5.96	5.97		94.7	93.8	7.3	22.7	6.1	5.9		7.5	
404	WRA2	M	MID-FLOOD	16-Aug-08	14:13	25.90	28.4	5.82	5.80	5.89	91.1	88.8	7.4	24.7	5.0	5.1		7.5	
405	WRA2	В	MID-FLOOD	16-Aug-06			28.1	5.60	5.54	5.57	85.3	81.3	7.3	26,4	3.5	3.3	4.8	4.5	6.5
406	WRA3	S	MID-FLOOD	16-Aug-06			29.3	5.95	5.86		93.5	92.6	7.5	19.9	4,3	4.4		7.5	
407	WRA3	M	MID-FLOOD	16-Aug-06	14:23	25.40	28.4	5.74	5.70	5.81	88.2	86.1	7.5	25.5	4.6	4.4		8,5	
408	WRA3	В	MID-FLOOD	16-Aug-06			28.2	5.58	5.49	5.54	85.0	82.1	7.5	26.5	5.8	5.9	4.9	5.0	7.0
409	WWFCZ1	S	MID-FLOOD	16-Aug-06			28.9	5.92	5.86		95.6	94.8	7.5	20.4	4.2	4.3		7.5	
410	WWFCZ1	M	MID-FLOOD	16-Aug-06	15:00	34.30	28.4	5.72	5.66	5.79	86,4	84.4	7.5	24.4	6.7	6.2		10.0	f .
411	WWFCZ1	В	MID-FLOOD	16-Aug-06			28.0	5.58	5.52	5.55	83.5	80.2	7.5	26.8	5.4	5.5	5.4	14.5	10.7
412	WWFCZ2	S	MID-FLOOD	16-Aug-06			28.7	5.93	5.89		94.7	93.8	7.3	22.5	4.1	4.1		9.0	
413	WWFCZ2	M	MID-FLOOD	16-Aug-06	14:48	33.60	28.3	5.72	5.68	5.81	87.4	85.4	7.3	26.0	5.4	5.4		9,0	
414	WWFC22	В	MID-FLOOD	16-Aug-06			28.0	5.52	5.47	5.50	87.6	84.5	7.3	26.9	5.2	5.2	4.9	10.0	9.3
415	WFCZR1	S	MID-FLOOD	16-Aug-06			28.5	5.85	5.83		91.5	89.9	7.5	23.6	4.7	4.7		15.5	
416	WFCZR1	M	MID-FLOOD	16-Aug-06	15:13	37.90	28.3	5.74	5.71	5.78	87.0	84.9	7.5	25.6	5.6	5,9		6.5	í I
417	WFCZR1	В	MID-FLOOD	16-Aug-06			27.8	5.60	5,54	5,57	83.8	81.4	7.5	28.7	6,6	6.1	5.6	15.0	12.3
418	WFCZR2	S	MID-FLOOD	16-Aug-06			29.2	5.94	5.90		92.1	89.6	7.4	19.6	4,5	4.3		12.0	-
419	WFCZR2	M	MID-FLOOD	16-Aug-06	14:36	39.50	28.4	5.82	5.78	5.86	86.3	85.4	7.4	25.4	7.0	6.5		11.0	
420	WFCZR2	В	MID-FLOOD	16-Aug-06			28.2	5,56	5.49	5,53	85.9	82.3	7.4	26.3	6.7	6.3	5.9	11.0	11.3
421	WWA1	\$	MID-EBB	18-Aug-06			29.0	5.84	5.73		88.7	88,3	8.4	21.8	3.2	3.2		5.5	
422	WWA1	M	MID-EBB	18-Aug-06	9:20	7.20	28.8	5.60	5.54	5.68	88.0	87.2	8.4	21.8	3.9	3.8		5.5	f-
423	WWA1	В	MID-EBB	18-Aug-06			28.8	5.47	5.41	5.44	84.1	83.2	8.4	22.0	3.6	3.5	3.5	7.0	6.0
424	WWA2	S	MID-EBB	18-Aug-06		V.,	29.2	5.82	5.80	9 9 9 9 9 9 9	90.0	88.4	8.4	21.5	3.7	3,6		10.5	
425	WWA2	M	MID-EBB	18-Aug-06	9:10	9.40	29.0	5.72	5.68	5.76	86.3	84.9	8.4	22.0	3,5	3.4		10.0	
426	WWA2	В	MID-EBB	18-Aug-06			29.0	5.60	5.56	5.58	82.6	81.5	8.4	22.3	3.6	3.5	3.5	10.0	10.2
427	WWA3	S	MID-EBB	18-Aug-06	SARRION	00000	29.6	5.84	5.80	9 20WA	88.8	87,6	8.4	18.9	3.1	3,1		7.5	1.
428	WWA3	M	MID-EBB	18-Aug-06	9:00	7.80	29.5	5,65	5.60	5.72	84.2	83.3	8.5	21.0	3,5	3,5		8.0	ii
429	WWA3	8	MID-EBB	18-Aug-06			29.5	5.46	5.45	5.46	82.1	81.7	8.4	21,6	3,3	3.4	3.3	9.5	8.3
430	WRA1	S	MID-EBB	18-Aug-06	200	8.37	29.2	5.84	5.79		90.2	87.6	8.3	20,1	3.4	3.4		7.0	
431	WRA1	M	MID-EBB	18-Aug-06	9:33	29.00	28.1	5.69	5.60	5,73	83.6	81.7	8,3	22.2	4.0	4.1		8.5	tr =533
432	WRA1	8	MID-EBB	18-Aug-06			27.7	5,52	5.49	5.51	82.2	81.5	8.3	26.7	4.1	4.1	3.8	8.5	8.0
433	WRA2	S	MID-E88	18-Aug-06			29.1	5.86	5.79		91.4	89,6	8,3	21.6	4.2	4.1		8.0	
434	WRA2	M	MID-EBB	18-Aug-06	9:45	24.00	28.3	5.63	5.59	5,72	85.0	84.2	8.3	24.3	3.9	3.8		8.0	i 22 i
435	WRA2	В	MID-EBB	18-Aug-06			27.2	5.52	5.46	5.49	82.0	8.08	8.3	26.6	3.3	3.3	3.7	7.0	7.7
436	WRA3	S	MID-EBB	18-Aug-06	000000	15.0136900	29.0	5.90	5,86	- Carro (7)	87.6	86.2	8,3	22.0	3.7	3.6		5.5	
437	WRA3	M	MID-EBB	18-Aug-06	9:56	25.30	28.2	5,74	5,69	5.80	84.1	83.7	8.3	25.4	4.0	4.1		4,5	å
438	WRA3	В	MID-EBB	18-Aug-06			27.6	5.54	5.47	5,51	82.4	81.5	8,3	27.0	4.2	4.3	4.0	6.0	5,3
	WWFCZ1	S	MID-EBB	18-Aug-06	3000 Mies	5665-297	28.9	5.87	5.83	li sueges in	90.4	87.8	8.3	22.1	3.4	3,5		20.0	
440	WWFCZ1	M	MID-EBB	18-Aug-06	10:35	31.70	28.0	5.60	5,57	5.72	85.7	84.9	8.3	26.2	3.9	3.9		14.5	

West Contract No.HY/2005/06Castle Peak Road Improvement - West of Tsing Lung Tau Water Quality Impact Monitoring - August 2006

Lab ID	Location Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppf	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid mg/L	Value
441	WWFCZ1 B	MID-EBB	18-Aug-06			27.4	5,50	5,46	5,48	82.6	61.9	8,3	27.9	3,1	3.2	3,5	19,0	17.8
442	WWFCZZ S	MID-EBB	18-Aug-06			28,9	5,86	5,80		93.0	91,6	8.4	21,3	3,2	3.1		9,0	
443	WWFCZZ M	MID-EBB	18-Aug-06	10:23	30,0D	27.9	5,63	5,61	5,73	88.0	86,2	8.4	24.6	4.0	4.1		7.5	
444	WWFCZ2 B	MID-EBB	18-Aug-06			27.4	5.54	5,49	5,52	80.6	79.7	8,4	27.1	4.6	4.5	3.9	δ,5	8.3
445	WFCZR1 S	MID-EBB	18-Aug-06			28.9	5,92	5,86		92.2	89.9	8.3	22.0	4.1	4.0		6,0	
446	WFCZR1 M	MID-EBB	1B-Aug-06	10:48	37.70	27.9	5,77	5,69	5,81	87.1	86.0	8.4	23,9	3.2	3.5		8,5	
447	WFCZR1 B	MID-EBB	18-Aug-06			27.5	5.52	5.44	5.48	83,3	82,2	8,4	25.0	3.0	2.9	3.5	8.5	7_7
448	WFCZR2 S	MID-EBB	18-Aug-06			29.2	5,90	5.88		90.0	88.88	8.4	22.0	3.7	3.8		17.0	
449	WFCZR2 M	MID-EBB	18-Aug-06	10:10	37.40	28.1	5,69	5,65	5,78	84.0	83,7	8,4	26.0	4.5	4,6		17.0	
450	WFCZR2 B	MID-EBB	18-Aug-06			27.4	5,50	5.43	5,47	82.1	81.6	8.4	28.1	4.0	3.9	4.1	23.0	19.0
451	WWA1 S	MID-FLOOD	18-Aug-06			26.5	5.87	5.65		94,3	92.6	8.2	21.9	2.5	2.7		6.5	
452	WWA1 M	MID-FLOOD	18-Aug-06	16:28	8.70	28.4	5.73	5.69	5.74	91.2	90,8	8.2	25.4	2.8	2,8		0.8	
453	WWA1 B	MID-FLOOD	18-Aug-06			28.4	5.48	5.31	5.40	88.6	87,2	6.2	24.2	2.3	3.0	2.7	12.5	0.0
454	WWAZ S	MID-FLOOD	18-Aug-06			28.4	5,65	5.48		85,7	84,9	8.2	25.3	3.2	3,1		22.5	
455	VVVVA2 M	MID-FLOOD	18-Aug-06	16:13	9.60	28.4	5.66	5.72	5,63	83.2	82.6	8,2	27.2	8,6	3.6		24.0	
456	WWAZ B	MID-FLOOD	18-Aug-06			28,3	5.49	5.51	5.50	84.5	84.3	8.2	28.3	3_5	3.1	3.4	23.0	23,2
457	WWA3 S	MID-FLOOD	18-Aug-06			28,5	5.67	5,63		85.7	84.6	8.2	22.4	3.0	2.9		12.5	
458	WWA3 M	MID-FLOOD	18-Aug-06	16:00	8.50	28,5	5,49	5.51	5,58	85.3	84,9	8.2	25.6	3.5	3,5		8.5	
459	WWA3 B	MID-FLOOD	18-Aug-06			28.4	5,37	5.26	5.32	63.3	82 T	8.2	26,4	3.2	3.2	3.2	6.0	9.0
460	WRA1 S	MID-FLOOD	18-Aug-06			28.7	5,73	5.61		90.2	69.3	8.3	19.3	2.1	2.1		9.5	
461	WRA1 M	MID-FLOOD	18-Aug-06	16:44	30.40	28,5	5.63	5.61	5.65	87.2	86.1	8.3	29,7	4.9	4.6		5.0	
462	WRA1 B	MID-FLOOD	18-Aug-06			28.5	5,57	5.49	5,53	65.3	84.6	5.3	28,5	4.7	4.6	3_8	7.0	7.2
463	WRA2 S	MID-FLOOD	18-Aug-06			28.9	5.73	5.63		89.7	88,3	8.3	21.3	2.9	2.9		12.0	
464	WRA2 M	MID-FLOOD	18-Aug-06	16:59	26.90	28.7	5.53	5.41	5.58	87.2	86.3	8.3	24.4	2,8	2.8	Ī	0.8	
465	WRA2 B	MID-FLOOD	18-Aug-06			28.7	5.31	5.29	5,30	85.4	83.7	8,3	28.7	3.1	3,2	2.9	6.0	8.7
466	WRA3 S	MID-FLOOD	18-Aug-06			28.4	5.83	5.73		88.3	87.2	8.3	25,3	3.1	3.2		8,5	
467	WRA3 M	MID-FLOOD	18-Aug-06	17:09	25,40	28.2	5,41	5.53	5,63	85.1	84.6	8.3	30.6	5.4	5.4		9.0	
468	WRA3 B	MID-FLOOD	18-Aug-06			28.2	5.57	5.43	5,50	85_9	84.2	8,3	30,5	5.7	5.4	4.7	8.0	8.5
469	WWFCZ1 S	MID-FLOOD	18-Aug-06			28.5	5.74	5,68		95_3	94,6	8.3	22.4	2.4	2.7		6,0	
470	WWFCZ1 M	MID-FLOOD	18-Aug-06	17:48	33.60	28.3	5,77	5,69	5.72	89.2	88.7	8.3	28,6	3,5	3.6	1	7.0	l .
471	WWFCZ1 B	MID-FLOOD	18-Aug-06			28.1	5,72	5,63	5.68	85.4	84.2	8.3	29.7	4.1	3.9	3.4	6,0	6.3
472	WWFCZ2 S	MID-FLOOD	18-Aug-06			28.5	5.85	5.81		91.3	90,6	8,3	22.5	3.2	3.5		9,5	
473	WWFCZ2 M	MID-FLOOD	18-Aug-06	17:34	31.40	28.3	5,66	5.53	5.71	91.3	90,5	8,3	28.4	3,6	3,6	1	7.0	
474	WWFCZ2 B	MID-FLOOD	18-Aug-06			28.2	5,48	5.41	5.45	89,7	88,6	8,3	30,9	3.7	3.7	3,6	8,5	8.3
475	WFCZR1 S	MID-FLOOD	18-Aug-06			28.5	5,69	5.61		92.6	91,7	8,3	22.4	2.2	2.3		4.5	
476	WFCZR1 M	MID-FLOOD	18-Aug-06	17:57	35,70	28.3	5,57	5,42	5,57	90,5	90,1	8,3	21,6	2,9	2.9	1	9,0	1
477	WFCZR1 B	MID-FLOOD	18-Aug-06			28.3	5,63	5,58	5.61	88,7	86.4	8.3	22.7	6.1	6,1	3.7	9,5	7.7
478	WFCZR2 S	MID-FLOOD	18-Aug-06			28.7	5.72	5.63		90,3	88,6	8.3	21.8	3.2	3.2		7.0	
479	WFCZR2 M	MID-FLOOD	18-Aug-06	17:22	37.40	28.6	5,83	5,81	5.75	87.2	86.3	8.3	22.4	3.8	3.8]	4,5	1
480	WFCZR2 B	MID-FLOOD	18-Aug-06			28.6	5,54	5.39	5.47	85.4	84.1	8.3	29.6	3,5	3,6	3.5	10.5	7.3
481	WWA1 S	MID-EBB	21-Aug-06			29.2	5,80	5.77		89.2	88.5	8,3	22.8	3.4	3,2		7.5	
482	WWA1 M	MID-EBB	21-Aug-06	14:07	8.70	29.1	5.62	5,59	5.70	88.7	86,2	8.3	22,8	5,3	5,5		6.0	1
483	WWA1 B	MID-EBB	21-Aug-06			29.0	5.49	5.45	5.47	86.2	85,8	8.3	22.9	3.7	3.6	4.1	7.5	7.0
484	WWA2 S	MID-EBB	21-Aug-06			29.5	5.89	5.83		92.7	90,4	8,3	21,9	3.2	3.2		6,5	

G: env project 23437 env_data Maruic 24583-2006-08 Nb _Data

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp, °C	DO, mg/L	DO, mg/L (2)	DO_Average value	DO, % seturation (1)	DO, % saturation (2)	pH. Unit	Selinity, ppt	Turbidity, NTU (1)	Turbidity,	NTU, Averaged Value	Suspended Solid, mg/L	SS. Averaged Value
485	WWA2	M	MID-EBB	21-Aug-06	13:59	9.50	29.4	5.70	5.65	5.77	89.3	88.6	8.3	22.5	3.8	3.6		7.5	
486	VVVVA2	8	MID-EBB	21-Aug-06		1,07	29.4	5.52	5.48	5.50	89.7	89.0	8.3	22.3	3.7	3,5	3.5	7.0	7_0
487	WWA3	s	MID-EBB	21-Aug-06	_		30.2	5.80	5.74		89.0	89.5	8,3	17.2	2.7	3.1		6.0	
488	WWA3	M	MID-EBB	21-Aug-06	13:45	9.70	29.6	5.61	5.54	5.67	86.0	85.7	8.3	21.7	2.9	2,8		8.0	1
489	WWA3	В	MID-EBB	21-Aug-06			29,6	5,47	5.42	5.45	86.7	86.4	8.3	21.9	3,6	3.6	3.1	8,5	7.5
490	WRA1	S	MID-EBB	21-Aug-06	_		29.4	5.86	5.82		93.6	91.2	6.2	22.7	3.2	3.5		6.5	
491	WRAT	M	MID-EBB	21-Aug-06	13:00	29.50	28.0	5.70	5.64	5.76	84.1	82.0	8.2	26.1	6.9	6.7		7.0	1
492	WRAT	В	MID-EBB	21-Aug-06			27.5	5.52	5.48	5.50	84.6	80.3	8.2	28.8	8.1	7.5	6.0	10.5	8.0
493	WRA2	\$	MID-EBB	21-Aug-06			29,2	5.90	5.84		94,5	91.6	8.2	22.3	3,1	3,4		11.0	
494	WRA2	M	MID-EBB	21-Aug-06	13:14	28.80	28.4	5.71	5.66	5.78	86.0	84.0	8.2	26.0	6.2	5.4		10.0	1
495	WRAZ	В	MID-EBB	21-Aug-06	90000	150	29,4	5.50	5.47	5.49	85.1	84.5	8.2	22.2	7.3	6.4	5.3	10.5	10.5
496	WEA3	S	MID-EBB	21-Aug-06			28.9	5.84	5.79		88.3	86.0	8.3	22.5	3.0	3.0	21777 77	8,5	
497	WRA3	M	MID-EBB	21-Aug-06	13:27	25,90	28.4	5.66	5,61	5.73	84.2	82.1	8.3	25.7	6.4	6,2		10.5	1
498	WRA3	В	MID-EBB	21-Aug-06		1.00	27.9	5.47	5,40	5.44	81.2	78.9	8.3	27.4	6.9	6.1	5.3	12.0	10.3
499	WWFCZ1	S	MID-EBB	21-Aug-06			28.8	5.98	5.90		98.8	97.7	8.3	23.0	3,9	3,2		11.0	
500	WWFCZ1	M	MID-EBB	21-Aug-06	12:14	32,60	28.3	5.74	5.67	5.82	88.4	86.3	8.3	25.2	4,9	4.9		9.0	1
501	WWFCZ1	В	MID-EBB	21-Aug-06			27.9	5.50	5.42	5.46	80.0	79.2	8.3	27.0	5.8	5.4	4.7	9.5	9.8
502	WWFCZ2	S	MID-EBB	21-Aug-06			28.9	5.96	5.92		97.4	97.2	8.3	22.8	3.0	2.9		9.5	
503	WWFCZ2	M	MID-EBB	21-Aug-06	12:30	31.80	28.1	5.76	5.71	5.84	87.6	86.4	8.3	26.6	5.6	5.8		8.5	1
504	WWFCZ2	В	MID-EBB	21-Aug-06		2.1012	27.7	5.60	5,57	5.59	81.7	80.2	8.3	27.7	8.7	7,5	5.6	13.0	10.3
505	WFCZR1	S	MID-EBB	21-Aug-06			29.2	5.96	5,92		94.1	92.0	6.3	22.3	3.2	3.4		10.5	
506	WFC2R1	M	MID-EBB	21-Aug-06	12:00	37.40	29.1	5.78	5.70	5.84	89.2	87.0	8,3	22.5	3.6	3.5		16.0	1
507	WFCZR1	В	MID-EBB	21-Aug-06			29.0	5.54	5.49	5.52	82.6	80.7	8.3	22.5	8.2	7.5	4.9	10.0	12.2
508	WFCZR2	S	MID-EBB	21-Aug-06	_		28.8	5.93	5,89	1,12	97.9	96.9	8.3	23.0	2.9	3.2		10.5	
509	WFCZR2	M	MID-EBB	21-Aug-06	12:42	38.20	28.2	5.70	5.62	5.79	86.4	85.6	8.3	26.1	4.8	4.5		17.0	1
510	WFCZR2	В	MID-EBB	21-Aug-06		33,27	27.5	5.54	5.50	5.52	85.6	80.5	8,3	28.9	11.1	9.7	6.0	18.0	15.2
511	WWAT	s	MID-FLOOD	21-Aug-06			28.8	5.94	5.90	1	95.7	94.6	8.4	21,6	2.4	2.7		7.0	
512	WWAT	M	MID-FLOOD	21-Aug-06	17:22	8.90	28.5	5.88	5.82	5.89	90.3	88.8	8.4	23.6	2.7	2.6		10.5	1
513	WWAT	В	MID-FLOOD	21-Aug-06			28.5	5.68	5.62	5.65	89.5	86.1	8.4	24.1	2.9	2.7	2.7	9.5	9.D
514	WWA2	S	MID-FLOOD	21-Aug-06	_		28.2	5.84	5.78		88.3	86.4	8.4	24.6	3.3	3.2	-	6.5	
515	WWA2	M	MID-FLOOD	21-Aug-06	17:12	10.90	27.9	5.68	5.60	5.73	85.5	83.6	8.4	25,3	3.9	4.0		7.5	1
516	WWA2	В	MID-FLOOD	21-Aug-06			28.0	5.50	5,45	5.48	85.5	83.1	8.4	26.1	3.5	3.3	3.5	10.5	8.2
517	WWA3	S	MID-FLOOD	21-Aug-06			28.6	5.80	5.74	5.40	83.6	82.1	8.3	20.2	2.8	2.7		6.0	— ·
518	WWA3	M	MID-FLOOD	21-Aug-06	17:00	9.60	28.3	5.60	5,56	5.68	81.9	80.6	8.3	25.3	3.6	3.2	İ	7.5	1
519	WWA3	В	MID-FLOOD	21-Aug-06	17.00	0.00	28.0	5.49	5.44	5.47	80.4	80.0	8.3	27.4	4.2	4.2	3.4	7.0	6.8
520	WRA1	S	MID-FLOOD	21-Aug-06	-		29.1	5.98	5,96	0.71	91.3	90.6	8.2	20.7	1.8	1.8		6.5	7.2
521	WRA1	M	MID-FLOOD	21-Aug-06	17:34	31.20	27.3	5.74	5.68	5.84	86.1	84.0	8.2	30.3	5.0	4.9		8.0	1
522	WRA1	B	MID-FLOOD	21-Aug-06	17.54	31,20	26.9	5.61	5.58	5.60	82.0	79.6	8.2	31.0	4.4	4.3	3.7	7.0	7.2
523	WRA2	S	MID-FLOOD	21-Aug-06			28.5	5.86	5.80	3.00	91,4	90.7	8.3	22.0	2.5	2.7	3.7	5.5	7.2
524	WRA2	N:			17 46	26.50	28.3	5.69	5.65	5.75	84.0	82.1	8.3	25.0	2.7	2.8		4.8	1
525	WRA2	B B	MID-FLOOD	21-Aug-D6	17.40	20.50	27.1	5.54	5.48	5.51	79.1	78 1	8.3	30.7	5.7	5.3	3.6	10.0	6.8
526			MID-FLOOD	21-Aug-06	-			5.54	5.48	5.51	94.1	93.0	8.3	22.7	3.0	3.1	3.0	5.0	0.0
527	WRA3	\$	MID-FLOOD	21-Aug-06	47.60	20.70	28.2	5.75	5.92	4	85.7	84.0	8.3	30.4	6.4	6.1		10.0	d .
	WRA3	M	MID-FLOOD	21-Aug-06	17:59	26,70				5.82					5.1	4.7	4.0	8.0	7.7
528	WRA3	B	MID-FLOOD	21-Aug-06			26.9	5.51	5,46	5.49	80.2	78.4	8.3	30.4	5.1	4.7	4.8	8.0	1-1

	di esta	HALLE			MILE		Temp.	19831	0.00	HARRISHER	00.%	DO, %	#200s	DESIGNATION	-		NTU.		SS,
Lab	Location	Position	Tide	Sampling Date	Time	Water depth, m	°C	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	saturation (1)	saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	Averaged Value	Suspended Solid, mg/L	Averaged Value
529	WWFCZ1	S	MID-FLOOD	21-Aug-06			28.6	5,96	5.90		96.9	96.0	8.4	21.1	2.4	2.7		7.0	
530	WWFCZ1	M	MID-FLOOD	21-Aug-06	18:44	33.80	27.5	5.80	5.75	5.85	87.5	83.1	8.3	29.0	3.7	3.5		7.0	
531	WWFCZ1	В	MID-FLOOD	21-Aug-06			26.9	5.63	5.58	5,61	80.0	78.4	8.3	30.6	4.5	4.4	3.5	8.0	7.3
532	WWFCZ2	S	MID-FLOOD	21-Aug-06	ACTION 1		28.5	5.90	5,86		92.6	92.2	8.3	21.4	3.2	3.3		9.0	
533	WWFCZ2	M	MID-FLOOD	21-Aug-06	18:23	32.50	27.3	5.74	5.69	5.80	87.4	81.1	8,3	29.3	4.0	4.1		7.0	
534	WWFCZ2	В	MID-FLOOD	21-Aug-06			26.9	5.51	5.47	5.49	80.4	78.8	8.3	30.2	3.9	3.7	3.7	8.0	8.0
535	WFCZR1	\$	MID-FLOOD	21-Aug-06			25.7	5,94	5.88		96.9	97.0	8.3	20.9	2.1	2.1		5.5	
536	WFCZR1	M	MID-FLOOD	21-Aug-06	18:59	36.40	27.2	5,67	5.60	5.77	87.2	82.1	8.3	29.7	4.4	4.4		9.5	
537	WFCZR1	В	MID-FLOOD	21-Aug-06		000000	26.6	5.48	5.40	5.44	80.4	79.1	8.3	30.7	5.2	4.4	3.8	8.5	7.8
538	WFCZR2	S	MID-FLOOD	21-Aug-06	_		28.6	5.98	5,90		96.9	96.0	8.3	21.2	2.7	2.7		8.0	
539	WFCZR2	M	MID-FLOOD	21-Aug-06	18:09	38,10	27.2	5.84	5.82	5.89	88.1	86.7	8.3	29.6	3.9	3.6		9,5	l .
540	WFCZR2	В	MID-FLOOD	21-Aug-06			27.0	5.66	5.61	5.64	84.0	82.1	8.3	30.3	4.2	4.1	3.5	7.0	8.2
541	WWA1	S	MID-EBB	23-Aug-06			29.1	5.99	5.97		100.1	100.0	8.0	23.3	4.4	4.2		13.0	
542	WWA1	M	MID-EBB	23-Aug-06	13:27	8.50	28.5	5.86	5.82	5.91	96.1	93.7	8.0	24.7	5,1	5.2		16.0	1
543	WWA1	В	MID-EBB	23-Aug-06			28.4	5.70	5.66	5.68	94.5	93.5	8.0	25.0	6.1	6.0	5.2	14.0	14.3
544	WWA2	5	MID-EBB	23-Aug-06	- ar of	2000	29.1	6.02	5,96		101.5	99,3	8.0	24.3	4.2	4.2		15.5	
545	WWA2	M	MID-EBB	23-Aug-06	13:13	9.20	29.1	5.82	5.79	5.90	98.2	97.8	8.0	24.8	6.5	6.2		18.5	
546	WWA2	В	MID-EBB	23-Aug-06			29.0	5.80	5.88	5.84	101.4	102.9	8.0	24.7	4.5	4.2	5.0	14.0	16.0
547	WWA3	S	MID-EB8	23-Aug-06			29.4	6.04	6.00		101,3	100.1	8.0	22.8	6.2	6.0		14.0	
548	WWA3	M	MID-EBB	23-Aug-06	13:00	9.50	28.9	5.88	5.84	5.94	97.7	96.6	8.0	24.6	4.5	4.5		15.5	
549	WWA3	В	MID-EBB	23-Aug-06	930 to-6	150050	28.9	5.60	5,58	5.59	95.7	95.1	8.0	24.7	5,6	5.4	5.4	16.0	15.2
550	WRA1	S	MID-EBB	23-Aug-06		150000000	29.1	6.05	5.98		101.2	103.0	8.0	22.7	4,3	4.1		8.5	
551	WRA1	M	MID-EBB	23-Aug-06	13:45	28.40	28.3	5.86	5.84	5.93	90.7	88.4	8.0	25.5	6.1	6.1		8.5	i .
552	WRA1	В	MID-EBB	23-Aug-06	Caparaga		27.6	5.60	5.52	5.56	80.2	78.6	8.0	27.9	4.3	4.2	4.9	19.5	12.2
553	WRA2	S	MID-EBB	23-Aug-06			29.0	5.99	5.94		102.3	100.6	8.0	23.2	4.2	4.1		8.5	
554	WRA2	M	MID-EBB	23-Aug-06	13:57	25,30	28.4	5.78	5.71	5.86	85.7	83.2	8.0	25.0	5.9	5.3	1	9,5	i .
555	WRA2	В	MID-EBB	23-Aug-06			28.1	5.56	5.50	5.53	80.9	78.4	8.0	26.5	6.2	6.1	5.3	14.5	10.8
556	WRA3	S	MID-EBB	23-Aug-06	5-5-6		29.1	6.03	5.99		101.8	100.7	8.0	22.8	4.0	4.1		10.0	
557	WRA3	M.	MID-EBB	23-Aug-06	14:10	25.20	28.3	5.82	5.79	5.91	91.2	89.3	8.0	24.8	5.2	5.5		9.5	
558	WRA3	В	MID-EBB	23-Aug-06			27.8	5.53	5.48	5.51	82.9	79.5	8,0	27.5	6.9	6.1	5.3	13.0	10.8
559	WWFCZ1	S	MID-EBB	23-Aug-06			28.9	5.97	5.90		100.6	99.2	7.8	22.9	5.4	5.1		12.5	
560	WWFCZ1	M	MID-EBB	23-Aug-06	14:53	31.90	28.4	5.80	5.74	5.85	92.8	91.1	7.8	24.5	7.4	6.2		14.0	
561	WWFCZ1	В	MID-EBB	23-Aug-06			27.8	5.60	5.53	5.57	86.2	82.9	7.8	26.9	4.1	4.0	5.4	16.5	14.3
562	WWFCZ2	S	MID-EBB	23-Aug-06			29.1	6.02	5.98		101.3	98.4	7.8	22.9	4.9	4.2	100	15.0	
563	WWFCZ2	M	MID-EBB	23-Aug-06	14:38	32.70	28.1	5.79	5.73	5.88	87.3	85.4	7.8	25.9	6.2	5.8		11.5	i
564	WWFCZ2	В	MID-EBB	23-Aug-06		.100	27.2	5.50	5.44	5.47	84.8	80.9	7.8	27.9	5.2	5,2	5.2	18.5	15.0
565	WFCZR1	S	MID-EBB	23-Aug-06			29.0	5.94	5.89		99.6	97.4	7.8	23.1	4.6	4.1		10.0	
566	WFCZR1	M	MID-EBB	23-Aug-06	15:09	36.30	28.5	5.72	5.67	5.81	91.2	90.4	7.8	24.3	6.2	6.1		12.5	
567	WFCZR1	8	MID-EBB	23-Aug-06		7.00 30.30	27.8	5.53	5,47	5,50	87.3	83.8	7.8	27.0	5.1	5.4	5.3	13.5	12.0
568	WFCZR2	S	MID-EBB	23-Aug-06	SUBSE	0.013.711	28.9	5.96	5,90		100.4	98.0	7.9	22.7	5.6	5.1		13.5	
569	WFCZR2	M	MID-EBB	23-Aug-06	14:22	4:22 39.50	28.1	5.79	5,74	5.85	92.7	90,1	7.9	24.5	6.2	6.0		12.0	
570	WFCZR2	В	MID-EBB	23-Aug-06		INDEX COCCES	28.1	5.60	5.52	5.56	89,4	87.6	7.8	24.6	6.2	6.1	5.9	12.0	12.5
571	WWA1	S	MID-FLOOD	23-Aug-06	13:07	10172	28,0	5.88	5.82		91.5	89,5	7.7	27.1	3.8	3.2		10.5	
572	WWA1	M	MID-FLOOD	23-Aug-06	8:27	9.20	27.9	5.58	5.62	5.75	87.5	85.0	7.7	27.8	2.8	2.5		8.5	i l

G, env project 23437 env_data/Marine 24583-2006-08.xis | Data

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
573	WWA1	В	MID-FLOOD	23-Aug-06			27.7	5.50	5,47	5.49	82.6	79,5	7.7	2B,3	5,9	5,2	3,9	11.5	10,2
574	WWA2	S	MID-FLOOD	23-Aug-06	100		28,3	5.86	5,80		91.5	89.1	7.7	27.2	3.3	3.2		5.5	
575	WWA2	M	MID-FLOOD	23-Aug-06	8:13	9.50	28.0	5.64	5.59	5.72	86.7	84.7	7.7	28.1	3.0	2.9		7.5	1
576	WWA2	В	MID-FLOOD	23-Aug-06			27.8	5,49	5,41	5.45	84.0	81.2	7.7	28.4	5,4	5.3	3.8	6.5	6.5
577	WWA3	S	MID-FLOOD	23-Aug-06			28.1	5.86	5.79		90.8	88.2	7.7	27.7	3,3	3.2		8.0	
578	WWA3	M	MID-FLOOD	23-Aug-06	8:00	10,70	27.6	5.67	5,59	5.73	83.2	79.9	7.7	28.9	3.8	3.3		11,5	
579	WWA3	В	MID-FLOOD	23-Aug-06			27.4	5.48	5,46	5.47	81.9	79.6	7.7	29.0	4.4	4.2	3.7	8.5	9.3
580	WRA1	S	MID-FLOOD	23-Aug-06			28.5	5.89	5.84		93,3	92.5	7,6	26,1	3,4	3,4		7.0	
581	WRA1	M	MID-FLOOD	23-Aug-06	8 43	28,20	27.4	5,70	5,63	5,77	86,1	82.9	7.6	29.7	6.4	6.2		17.0] !
582	WRA1	В	MID-FLOOD	23-Aug-06			27.1	5,56	5 45	5,51	81,1	79.2	7,6	30.1	5.3	5.1	5_0	11,5	11,8
583	WRAZ	S	MID-FLOOD	23-Aug-06			28.3	5.93	5.91		92.3	91.2	7.5	26.5	4.4	4.2		11.0	
584	WRA2	M	MID-FLOOD	23-Aug-06	8:59	24.90	27,6	5,80	5,78	5,86	86.2	84_1	7.5	29,0	4.9	4.2		14.0	j !
585	WRA2	В	MID-FLOOD	23-Aug-06			27.2	5,61	5,54	5,58	84.7	80,0	7.5	29,8	4.6	4.1	4.4	13.5	12.8
586	WRA3	S	MID-FLOOD	23-Aug-06			28.7	5,88	5,80		91.3	90.8	7,5	26.0	2.9	2.8		6,5	
587	WRA3		MID-FLOOD	23-Aug-06	9:09	26,30	28.1	5.71	5,68	5.77	88.9	85.4	7.5	27.8	3.2	3,1		10.5] !
588	WRA3		MID-FLOOD	23-Aug-06			27.4	5,52	5.48	5,50	88,7	82.8	7.5	29,2	5.1	5.1	3.7	11,5	9,5
	WWFCZ1		MID-FLOOD	23-Aug-06			28,1	5,80	5,77		89.1	86.8	7.8	27.1	2.8	2.8		8.5	
	WWFCZ1		MID-FLOOD	23-Aug-06	9:48	32,30	27,6	5.60	5.54	5.68	83,6	81,3	7,8	28.7	3,4	3.2		11.5	
	WWFCZ1	В	MID-FLOOD	23-Aug-06			27.3	5.43	5,40	5_42	79.8	78.4	7.8	29,0	3.1	3.1	3.1	17.0	12,3
	WWFCZ2		MID-FLOOD	23-Aug-06			27.8	5.87	5 82		90.5	87.9	7.9	27.5	3.3	3.1		8,0	
	WWFCZ2		MID-FLOOD	23-Aug-06	9:35	31,60	27.4	5,70	5,64	5.76	85.7	80,9	7.9	29.4	5.1	5.1		9.0]
	WWFCZ2	В	MID-FLOOD	23-Aug-06				5,50	5.47	5.49	81.3	78.2	7.9	29.8	4.8	4.8	4.4	10.5	9.2
595	WFC2R1		MID-FLOOD	23-Aug-D6	1,000		28.3	5.84	5,80		89.9 88.1 7.6 25.8 3.9	3.7		9.0					
596	WFCZR1		MID-FLOOD	23-Aug-06	10:01	35.40	27.4	5.66	5,61	5.73	83,6	82.0	7,6	29,7	6.0	5.1		13.0	
597	WFCZR1		MID-FLOOD	23-Aug-06			27.4	5.52	5.47	5.50	80.7	78,4	7.6	28,5	4,2	4.2	4.5	11.5	11.2
598	WFCZR2	S	MID-FLOOD	23-Aug-06			27.8	5.90	5,86		93,0	88.8	7.8	27,5	2.6	2.5		9.0	
599	WFCZR2		MID-FLOOD	23-Aug-06	B:22	38.70	27.8	5.71	5.66	5.78	86,2	83,3	7.8	28,2	2,3	2.1		8.5] !
600	WFCZR2	В	MID-FLOOD	23-Aug-06			27.5	5.53	5.48	5.51	63,3	79.9	7.8	29,0	3.4	3.1	2.7	10.6	9.2
601	WWA1	S	MID-EBB	25-Aug-06			28.1	6.03	5,98		98,6	96,8	8.2	21,6	4.2	3.7		14.0	
602	WWA1	M	MID-EBB	25-Aug-06	14:04	6,90	28,6	5.93	5.88	5.96	96.3	96.0	8.2	23.0	5,7	5.4		16,0	
603	WWA1	В	MID-EBB	25-Aug-06			28.7	5_84	5,80	5.82	90.4	89.6	8.2	22,7	6.4	6.1	5.2	17.0	15.7
604	WWA2	S	MID-EBB	25-Aug-06			28,6	5.95	5.92		92.6	91.5	B.2	23,9	5,8	6.0		19.5	
605	WWA2	M	MID-EBB	25-Aug-06	13:55	9.40	28.5	5,80	5.75	5,86	94.0	93,6	8.2	24.1	4.5	4.8		13.0	
606	WWA2	В	MID-EBB	25-Aug-06			28,4	5.84	5.79	5.82	92.8	91.5	8.2	24.1	6.6	6.2	5.6	18.5	17.0
607	WWA3	S	MID-EBB	25-Aug-06		- 01	28.3	5.93	5.89		92,9	91.5	8.2	15.0	6,3	6.0		18.0	
608	WWA3	М	MID-EBB	25-Aug-06	13:45	7.00	28.5	5_73	5.68	5.81	89,0	88.7	8.2	23.8	6.8	6,5		14.5	4
608	WWA3	В	MID-EBB	25-Aug-06			28.5	5.80	5,74	5.77	87.1	86.1	8.2	24.2	5.4	5,4	6,1	13.0	15.2
€10	WRA1	S	MID-EBB	25-Aug-06			28.8	6.06	6,01		98.7	98,5	8.2	20.7	4.6	4.6		12.0	
611	WRA1	M	MID-EBB	25-Aug-06	14:16	31,30	28.0	5.79	5.73	5.90	86.4	84.6	8.2	25.5	5.9	6.2		13.0	
612	WRA1	В	MID-EBB	25-Aug-06			27.6	5.63	5,59	5.61	88.8	83,0	8.2	27.6	6.1	6.0	5,6	11.0	12,0
613	WRA2	S	MID-EBB	25-Aug-06			28,7	5,94	5.87		99.0	98.2	8.2	21.4	5.4	5.4		10.0	
614	WRA2	M	MID-EBB	25-Aug-06	14:29	24.00	27,8	5,74	5.68	5,81	B5,4	83,7	8.2	26.8	6.4	6,2		16.0]
615	WRA2	В	MID-EBB	25-Aug-06			27.5	5.48	5.44	5.46	81.9	80.1	B.2	27.6	4.0	3.9	5.2	14.5	13.5
616	WRA3	S	MID-EBB	25-Aug-06			28.6	5.92	5,87		94.1	93,8	8,3	21.6	5.4	5.3		13.0	

West Contract No.HY/2005/06Castle Peak Road Improvement - West of Tsing Lung Tau Water Quality Impact Monitoring - August 2006

100	H1010 45550	Marging Co.	18 JS 18 18			Temp	. 687	20 2	100	50,%	00,%	FEMILE .	es la company	Turbidity.	Turbidity.	NTU, Averaged	Suspended	SS. Averaged
Lab	Location Position	Tide	Sampling Date	Time	Water depth, m	cC.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	saturation (1)	saturation (2)	pH, Unit	Salinity, ppt	NTU (1)	NTU (2)	Value	Solid, mg/L	Value
617	WRA3 M	MID-EBB	25-Aug-06	14:41	24,70	27.9	5.66	5.62	5,77	83,3	81.9	8,3	25.6	6,5	6.2		14.0	
618	WRA3 B	MID-EBB	25-Aug-06		1	27.8	5.47	5.40	5,44	80,0	79,2	8,3	27.3	4.4	4,3	5.4	12.5	13.2
	WWFCZ1 S	MID-EBB	25-Aug-06			28.4	5.88	5.80		96.2	97.5	8.4	21.7	5.7	5.1		11.5	
620	WWFCZ1 M	MID-EBB	25-Aug-D6	15:20	33,80	28.4	5.76	5.70	5.79	89.1	87.9	8.4	24.0	5.7	5.5		14,0	1
621	WWFCZ1 B	MID-EBB	25-Aug-06		27	28.5	5,51	5,48	5.50	90_9	87.3	8.4	24.2	4.4	4.7	5,2	17.0	14,2
622	WWFCZ2 S	MID-EBB	25-Aug-06	_		28.7	5,94	5.88		98,9	98.0	8.4	21.8	4.7	4.5		12,5	
623	WWFCZZ M	MID-EBB	25-Aug-06	15:08	34,20	28.3	5,79	5,69	5_83	89.9	87.0	8.4	24.6	7.1	7.4		16.5	£ [
624	WWFCZ2 B	MIO-EBB	25-Aug-06			27.8	5.52	5.45	5.49	85.8	83,6	8.4	26.4	6.2	6.1	6.0	18.5	15,B
625	WFCZR1 S	MID-EBB	25-Aug-06			28,8	6,03	5,98		99.7	98.7	8_4	21.5	5,2	5.2		10.0	
626	WFCZR1 M	MIO-EBB	25-Aug-06	15:34	40,00	28,5	5,84	5.76	5,90	89.4	85.6	8.4	23.4	6,2	6.0		11.5	
627	WFCZR1 B	MID-EBB	25-Aug-06			28.4	5,60	5.51	5.56	86.7	85.1	8.4	24.2	5.7	5.8	5.7	18.0	13.2
628	WFCZR2 S	MID-EBB	25-Aug-06			28,6	5,86	5.78		98.9	97.6	8.4	21.9	4.3	4,3		12.0	
629	WFCZR2 M	MID-EBB	25-Aug-06	14:54	39.60	28.8	5,60	5,55	5.70	95.3	94.6	8.4	24.0	5.7	5.4		12.0	1
630	WFCZR2 B	MID-EBB	25-Aug-06			28,2	5,47	5.41	5.44	86.1	82.9	8.4	25.2	6.0	6.1	5.3	13.0	12.3
631	WWA1 S	MID-FLOOD	25-Aug-06			28,2	5,89	5,84		91.7	89.7	8.2	25.2	5.1	5.1		9.5	
632	WWA1 M	MID-FLOOD	25-Aug-06	8:56	7,30	28,3	5,69	5,64	5.77	88.8	87.4	8.2	25.2	4.5	4.2	I	11.5	1
633	WWA1 B	MID-FLOOD	25-Aug-06	100		28.1	5,54	5,48	5.51	87.9	86.4	8.2	26.7	3.4	3.4	4.3	11,5	10.8
634	WWA2 S	MID-FLOOD	25-Aug-06			28,2	5,96	5,86		93.2	92.3	8.2	25.2	3.7	3,1		9.5	
635	WWA2 M	MID-FLOOD	25-Aug-06	8:44	9,60	28.0	5,70	5,64	5.79	89.4	87.8	8.2	26.0	4.1	4.2]	16.0	i.
636	WWA2 B	MID-FLOOD	25-Aug-08			27.8	5.52	5.47	5.50	88.6	85.8	8.2	27.0	3_6	3,6	3.7	12.5	12.7
637	WWA3 S	MID-FLOOD	25-Aug-06			28.1		5.86		91.0	80.8	8.2	25.7	3,9	3.6		14.5	
638	W SAWW	MID-FLOOD	25-Aug-06	8:30	7,50	27.9	5,76	5.68	5.81	86.0	83.9	8.2	26,6	6.3	6.1		21.0	į.
639	WWA3 B	MID-FLOOD	25-Aug-06			27.9	5,56	5.47	5,52	86.6	84.5	8.2	26,7	2.9	2.9	4,3	21.5	19.0
640	WRA1 S	MID-FLOOD	25-Aug-06			28.5	5.88	5.70		91.0	89.6	8.2	24.5	4.2	4.2		15_0	
641	WRA1 M	MID-FLOOD	25-Aug-06	9:14	32,80	27.9	5,64	5.58	5.70	85,2	82.4	8,2	27.4	5.5	5.7	1	14.5	14.3
642	WRA1 B	MID-FLOOD	25-Aug-06	1		27.7	5,51	5.49	5,50	84.4	81,9	8.2	27.7	3.1	3.4	4,3	13.5	
643	WRA2 S	MID-FLOOD	25-Aug-06			28.1	5.86	5.80		90,9	88,7	8,2	25.1	4.4	4.3		11.0	
544	WRA2 M	MID-FLOOD	25-Aug-06	9:27	25,30	27.8	5.75	5.69	5.78	84.9	82.6	8.2	27.4	4.9	4.8	1	12.5	1
645	WRA2 B	MID-FLOOD	25-Aug-06	1		27.6	5.49	5.42	5,46	85,7	82.7	8,2	27.9	4.5	4.4	4.5	12.0	11.8
646	WRA3 S	MID-FLOOD	25-Aug-06			28.1	5,85	5.80		90,1	88,0	8.2	24.7	4.8	4.5		12.0	
647	WRA3 M	MID-FLOOD	25-Aug-06	9:39	24,90	27.8	5.70	5,63	5.75	85,8	82,6	B,2	27.7	5.9	5.6	1	17.0	
648	WRAS B	MID-FLOOD	25-Aug-06			27.6	5.53	5.47	5.50	80.3	79,6	8.2	27.9	5.2	5.2	5.2	8,5	12.5
649	WWFCZ1 S	MID-FLOOD	25-Aug-06			28.1	5,85	5.79		89.1	86,4	8,2	24.6	2.7	2.7		9,5	
650	WWFCZ1 M	MID-FLOOD	25-Aug-06	10:20	34,60	27.6	5.64	5.58	5.72	88.4	85,2	8,2	27.2	4,3	4.2]	15.0	
651	WWFCZ1 B	MID-FLOOD	25-Aug-06			27.6	5.50	5.44	5.47	84,6	81.6	8,2	28.0	6.5	6.2	4.4	15.0	13.2
652	WWFCZ2 S	MID-FLOOD	25-Aug-06			28.2	5.86	5,81		90.9	88,88	8,2	24.6	3,6	3.5		11.5	
653	WWFCZZ M	MID-FLOOD	25-Aug-06	10:07	35,20	27.7	5.72	5.60	5.75	83.7	83,9	8,2	27,8	5.6	5.5		13.0	1
654	WWFCZZ B	MID-FLOOD	25-Aug-06			27,6	5.51	5.47	5 49	85.4	82.4	8.2	27.9	5.1	5.1	4.7	18.0	14.2
655	WFCZR1 S	MID-FLOOD	25-Aug-06			27,9	5.80	5.73		89.9	86.9	8.3	23.6	5:7	5.6		14.0	
656	WFCZR1 M	MID-FLOOD	25-Aug-06	10:34	41.80	27.6	5,60	5,56	5,67	85,5	84.0	8.3	27.9	6.0	6.2		13.0	1
657	WFCZR1 B	MID-FLOOD	25-Aug-06	1		27.4	5.47	5.42	5 45	83,3	81.1	8.3	28.4	3,1	3.2	5.0	12.0	13.0
658	WFCZR2 S	MID-FLOOD	25-Aug-06			28,3	5.91	5,85		92.8	89.5	8.3	24.7	5.4	5.2		9.5	1
659	WFCZR2 M	MID-FLOOD	25-Aug-06	9:52	39.70	27.6	5.76	5.68	5.80	88.8	85.3	8.3	26.4	6.4	6.3]	14.0	1
660	WFCZR2 B	MID-FLOOD	25-Aug-06	1		27.6	5,51	5.48	5.50	85.5	83.1	8.3	28.0	6,4	6,2	6.0	15,5	13.0

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
661	WWA1	S	MID-EBB	28-Aug-06			28.3	5.86	5.82		89.4	88.7	8.1	23.5	4,2	4.1		3.8	
662	WWA1	M	MID-EBB	28-Aug-06	15:32	7.20	28.0	5.79	5.69	5.79	84.7	83.6	8.1	25.2	5.6	5.5		10.0	04.000
663	WWA1	В	MID-EBB	28-Aug-06	10000000		27.8	5.50	5.45	5.48	83.9	82.1	8.1	25.9	5.2	4.9	4.9	5.5	6.4
664	WWA2	S	MID-EBB	28-Aug-06			28.2	5.76	5.74		89.5	87.6	8.0	24.1	3.2	3.2		10.0	
665	WWA2	M	MID-EBB	28-Aug-06	15:16	8.10	28.2	5.60	5.55	5.66	88.3	85.4	8.0	24.3	4.1	4.1		10.0	
666	WWA2	В	MID-EBB	28-Aug-06			28,1	5.49	5,43	5.46	87.8	85.0	8.0	24.9	4.2	4.1	3.8	7.5	9.2
667	WWA3	8	MID-EBB	28-Aug-06		200-2000-	28.3	5,90	5.82	22.5.400	94.2	90.4	8.0	25.0	3.9	3.7		8.0	
668	WWA3	M	MID-EBB	28-Aug-06	15:00	7.40	28,1	5.84	5.76	5.83	88.1	85.4	8.0	25.2	4.4	4.2		9.0	
569	WWA3	В	MID-EBB	28-Aug-06			27.9	5.60	5,53	5.57	89.2	85.4	8.0	25.4	5.4	5,3	4.5	9.0	8.7
570	WRA1	S	MID-EBB	28-Aug-06		- 35-56-	28.5	5.92	5.87		93.6	90.4	8.0	22.7	4.5	4.1		8.5	
371	WRA1	M	MID-EBB	28-Aug-06	15:45	28.60	27.5	5.79	5.64	5.81	86.7	84.3	8.0	26.3	6.1	6.0		11.5	
872	WRA1	В	MID-EBB	28-Aug-06			27.7	5.66	5.53	5.60	84.8	82.1	8.0	28.6	5.4	5.3	5.2	10,5	10.2
73	WRA2	S	MID-EBB	28-Aug-06	7		29.7	5.86	5.77		90.7	88.6	8.0	21.4	4.7	4.3		9.5	
374	WRA2	M	MID-EBB	28-Aug-06	15:59	23.90	27.6	5.79	5.65	5.77	87.8	84.1	8.0	26.6	4.2	4.2		8.0	200.00
875	WRA2	В	MID-EBB	28-Aug-06	POST IN		27.1	5.60	5.52	5.56	88.1	84.6	8.0	28.7	5.1	5.3	4.6	8.5	8.7
76	WRA3	S	MID-EBB	28-Aug-06			28.6	5.92	5.87		89.2	86.8	8.0	21.9	3.9	3.2		6.5	
577	WRA3	M	MID-EBB	28-Aug-06	16:13	23,50	27.7	5.74	5,67	5,80	87.9	86.2	8.0	26.7	5.4	5.2		11.0	
78	WRA3	В	MID-EBB	28-Aug-06	1201065551		27.3	5.58	5.51	5,55	85.1	83.8	8.0	28.3	4.2	4.2	4.3	6.0	7.8
	WWFCZ1	S	MID-EBB	28-Aug-06			28.3	5.84	5.80		91.4	88.9	8.0	22.8	4.4	4.6		11.5	
	WWFCZ1	M	MID-EBB	28-Aug-06	16:53	33.80	27.6	5.76	5.60	5.75	86.4	84,3	8.0	26.9	4.6	4.7		6.5	
581	WWFCZ1	В	MID-EBB	28-Aug-06	15655-10		27.2	5.64	5.51	5.58	81.6	79.4	8.0	28.5	7.5	7.7	5.6	7.0	8.3
882	WWFCZ2		MID-EBB	28-Aug-06		32.50	28.4	5.86	5.72		89.6	87.2	8.1	22.8	4.1	4.1		7.0	
	WWFCZ2	M	MID-EBB	28-Aug-06	16:29		27.2	5.61	5.56	5.69	87.0	85.4	8.1	28.0	6.9	6,9		7.5	
	WWFCZ2	В	MID-EBB	28-Aug-06			27.2	5.47	5.42	5,45	84.8	82.0	8.1	28.7	7.5	7.1	6.1	11.0	8.5
	WFCZR1	S	MID-EBB	28-Aug-06			28.5	5.84	5.76		88.6	87.1	8.1	22.4	4.8	4.7		8.5	
	WFCZR1	M	MID-EBB	28-Aug-06	17:08	38,60	27.6	5.70	5.64	5.74	85.0	84.4	8.1	26.6	5.0	5.1		10.0	1
	WFCZR1	8	MID-EBB	28-Aug-06	200		27.0	5.50	5,43	5,47	80.8	80.0	8.1	28.9	4.6	4.2	4.7	11.5	10.0
	WFCZR2	S	MID-EBB	28-Aug-06			28.8	5.82	5.76		88.9	84.2	8,1	21.5	4.2	4.0		7.5	
	WFCZR2	M	MID-EBB	28-Aug-06	16:40	39.30	28.0	5.74	5.68	5.75	84.9	83.1	8.1	28.0	5.2	6.2		7.5	1
	WFCZR2	B	MID-EBB	28-Aug-06	1100027		27.2	5.52	5.76	5.64	82.7	80.6	8.1	28.1	6.2	6.0	5.5	12.5	9.2
691	WWA1	S	MID-FLOOD	28-Aug-06	_		27.4	5.86	5.79		89.7	86.8	8.3	25.7	5.8	5,5		10.5	
592	WWA1	N	MID-FLOOD	28-Aug-06	10:59	7.60	27.2	5.66	5.60	5.73	89.8	84.7	8.3	26.7	3.4	3.5		11.5	1
393	WWA1	В	MID-FLOOD	28-Aug-06	0.5455	10000	27.5	5.56	5.47	5.52	86.6	82.0	8.3	26.0	4,3	4.3	4.5	10.0	10.7
94	WWA2	S	MID-FLOOD	28-Aug-06			27.3	5.94	5.90		92.0	88.4	8.2	26.5	4.7	4.4		8.0	
95	WWA2	M	MID-FLOOD	28-Aug-06	11:12	8.50	27.3	5.80	5.74	5.85	84.9	82.7	8.2	26.2	3.8	3.8		10.5	1
696	WWA2	В	MID-FLOOD	28-Aug-06			27.3	5.60	5.50	5,55	84.5	83.3	8.2	27.1	4.4	4.2	4.2	7.5	8.7
97	WWA3	S	MID-FLOOD	28-Aug-06	-		27.5	5.88	5.79		89.9	88.6	8.2	26.4	3.5	3.5		6.0	
698	WWA3	M	MID-FLOOD	28-Aug-06	11:27	7.70	27.4	5.64	5.56	5.72	84.9	83.2	8.2	26.9	4.9	4.6		15,5	1
99	WWA3	8	MID-FLOOD	28-Aug-06	200		27.4	5.47	5,42	5.45	83.0	81.8	8.2	27.0	3.8	3,6	4.0	11.5	11.0
700	WRA1	S	MID-FLOOD	28-Aug-06	-		27.5	5.88	5,82	0.70	94.8	90.9	8.2	25.7	4.0	3.9	304	6.5	1
61	WRA1	M	MID-FLOOD	28-Aug-06	10:47	29.80	27.3	5.74	5.70	5.79	88.0	83.3	8.2	26.6	6.1	6.1		10.0	1
-	WRA1	B	MID-FLOOD	28-Aug-06	19.50	25.00	27.3	5.53	5.47	5.50	82.1	80.7	8.2	26.9	5.2	5.2	5.1	9.0	8.5
702					-		27.4	5.92	5.86	3,30	92.6	88.6	8.2	26.3	5.4	5.5	V.1	12.0	1
763	WRA2	S	MID-FLOOD	28-Aug-06	10:33	24.70	27.1	5.77	5.66	5,80	87.7	86.4	8.2	27.8	5.3	5.4		12.5	1
704	WRA2	M	MID-FLOOD	28-Aug-06	10:33	24.70	21.1	5.77	5.66	5,00	61,1	60.4	0.2	27.0	3,3	3.4	U.	12.0	1

Lab ID	Location	Position	Tide	Sampling Date	Time	Waler depth, m	Temp.	DO, mg/L, (1)	DO, mg/L (2)	DO, Average value		DO, % saturation (2)	pH, Unit	Salinity, opt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
705	WRA2	В	MID-FLOOD	28-Aug-06			27.0	5.54	5.47	5,51	83,2	81.5	8.2	28.3	6.6	6_1	5.7	8.5	11.0
706	WRA3	\$	MID-FLOOD	28-Aug-06			27.4	5,88	5.80		93,2	88,9	8.2	26.8	4.1	4.6		12.0	
707	WRA3	M	MID-FLOOD	28-Aug-06	10:20	24_10	26.8	5.74	5,66	5.77	90.1	84.1	8.2	29.0	3.0	3.2		14.0	í
708	WRA3	В	MID-FLOOD	28-Aug-06			26.9	5.50	5_45	5.48	89.4	86.D	8.2	28.5	4.6	4.5	4.0	11.5	12.5
	WWFCZ1	S	MID-FLOOD	28-Aug-08			27.3	5.89	5.83		93.3	91.7	8.2	25.9	4,6	4.2		13,5	
	WWFCZ1	M	MID-FLOOD	28-Aug-06	9;56	34.20	27.3	5.66	5.60	5.75	87.4	85.1	8.2	26.2	8.7	7.3		13.0	
	WWFCZ1	В	MID-FLOOD	28-Aug-06			27.1	5.63	5,52	5.58	83.5	80.7	8.2	28.3	6,7	6.2	6.3	14,0	13_5
	WWFCZ2	S	MID-FLOOD	28-Aug-06			27.9	5.84	5.79		91.6	89.0	8.2	23.8	6.1	5.9		14.5	
	WWFCZ2	fV:	MID-FLOOD	28-Aug-06	9:43	33,60	27.5	5,64	5,57	5_71	90.9	85.5	8.2	26.2	3.1	3.2		13.0	1
	WWFCZ2	В	MID-FLOOD	28-Aug-06			27.2	5,60	5.51	5.56	89,0	84,1	8,3	27.2	3.4	3.4	4.2	18.5	15,3
	WFCZR1	S	MID-FLOOD	28-Aug-06			28.0	5,80	5.74		88.9	86.7	8.2	25,2	3.2	4.5		6.0	
	WFCZR1	M	MID-FLOOD	28-Aug-06	9:30	39_10	27.2	5.62	5.56	5,68	83.5	82.1	8.2	28.4	6.1	6.1		20.0	1
-	WFCZR1	В	MID-FLOOD	28-Aug-06			26.7	5.58	5.46	5.52	82.6	80,0	8,2	29,5	4.4	4.2	4.7	20.5	15.5
	WFCZR2	S	MID-FLOOD	28-Aug-06			28.4	5.84	5.79		89.4	86,9	8.2	21,0	4.8	4.2		15.5	
	WFCZR2	M	MID-FLOOD	28-Aug-06	10:08	40,00	27.4	5.81	5.71	5.79	88.7	85,9	8.2	27.4	6.2	6.4		17.0	1
720	WFCZR2	В	MID-FLOOD	28-Aug-06			26.9	5.79	5.60	5.70	83.1	81.2	8.2	28.4	5.1	5,0	5,3	18.0	16.8
721	WWA1	S	MID-EBB	30-Aug-06			29,2	5,87	5.80		93,5	86.5	8,3	19,0	2.2	2,3		3.3	
722	WWA1	M	MID-EBB	30-Aug-06	16:18	7.10	29.0	5.79	5.71	5.79	87.4	87.0	8.3	19,7	3.0	2.9		5.0	
723	WWA1	В	MID-EBB	30-Aug-06			28.9	5.60	5,53	5.57	86.5	82.7	8,3	20.0	2.5	2.5	2,6	5.5	4,6
724	WWA2	S	MID-EBB	30-Aug-06			29.1	5,86	5.72		91.3	90.6	8.3	20.0	2.5	2.7		4.0	
725	WWA2	M	MID-EBB	30-Aug-06	16:07	7,80	29.0	5.79	5.71	5_77	85.9	84.2	8.3	21.5	3.1	3,2		5.5	
726	WWA2	В	MID-EBB	30-Aug-06			28.9	5,66	5.58	5,62	86.3	85.3	8,3	23,8	3.0	3,1	2,9	6.0	5.2
727	WWA3	S	MID-EBB	30-Aug-06			29.1	5.87	5.76		89.3	87.1	8.3	21.0	2.4	2,5		3.5	
728	WWA3	M	MID-EBB	30-Aug-06	16:00	7.50	29.1	5.69	5.52	5.71	88.4	87.6	8.3	24.6	3.6	3.2		5.0	
729	VVVVA3	В	MID-EBB	30-Aug-06		[28.9	5.38	5.31	5.35	87.5	87.1	8.3	25.7	2.7	2.5	2.8	4.0	4,2
730	WRA1	S	MID-EBB	30-Aug-06			29.1	5,79	5.77		89.3	88.2	8.3	19,0	2.3	2.5		4.0	
731	WRA1	M	MID-EBB	30-Aug-06	16:29	28_30	29.0	5.64	5,53	5,68	88.6	87.3	8.3	25.2	3.4	3.5		7.5	
732	WRA1	8	MID-EBB	30-Aug-06		[29.0	5.76	5,69	5.73	85.4	83.9	8.3	26.3	5.2	5.0	3,7	8,0	6.5
733	WRA2	S	MID-EBB	30-Aug-06			29.2	5.86	5.81		89.3	88_6	8.3	20.0	2.5	2.6		3.3	
734	WRA2	M	MID-EBB	30-Aug-06	16:44	24,50	29.1	5.85	5 88	5.85	87.2	86.3	8.3	23.6	2.4	2.8		7.0	
735	WRA2	В	MID-EBB	30-Aug-06			29.1	5.79	5.76	5.78	85,9	84.6	8.3	24.8	3.1	3.7	2.8	10.0	6,8
736	WRA3	S	MID-EBB	30-Aug-06			29.2	5.74	5.68		87.1	86.3	8.3	19.7	2.0	2.0		5,5	
737	WRA3	M	MID-EBB	30-Aug-06	16:57	24,70	29.1	5,59	5,51	5,63	86.8	86.2	6.3	22.8	3.0	2.9		7_0	
738	WRA3	В	MID-EBB	30-Aug-06	100	iomen.	29,1	5.62	5.57	5.60	87.5	86.2	8.3	24.7	4.3	4.1	3.0	8.5	7.0
	WWFCZ1	S	MID-EBB	30-Aug-06	.00		28.7	5.94	5,83		90,3	89.6	8,2	19.2	2.2	2.3		3,5	
	WWFCZ1	M	MID-EBB	30-Aug-06	17:36	33_50	28.6	5.96	5.72	5.86	89.7	88.2	8.2	24.3	3.4	3.2		7.0	
	WWFCZ1	В	MID-EBB	30-Aug-06			28.6	5.85	5,81	5.83	88.4	87.1	8.2	28,5	3,1	2,9	2,8	7.5	6.0
	WWFCZ2	S	MID-EBB	30-Aug-06			28,8	5.89	5.73		89.5	88.1	8.2	18,7	2.8	2,9		5.0	
	WWFCZ2	M	MID-EBB	30-Aug-06	17:22	33.40	28.7	5.90	5.83	5.84	87.9	B7.2	8.2	23,5	4.B	4.5		10.0	
	WWFCZ2	В	MID-EBB	30-Aug-06			28.7	5.82	5.71	5.77	86.9	85.2	8.2	27.6	3.6	3.7	3.7	6.0	7.0
	WFCZR1	\$	MID-EBB	30-Aug-05			28.9	5.99	5.86		91.7	84.7	8.2	18,1	2.3	2.5		6,5	
-	WFCZR1	M	MID-EBB	30-Aug-06	17:49	37,90	28.3	5.84	5.73	5,86	88.6	84.0	8.2	23,2	2.9	2.8		6.5	
	WFCZR1	В	MID-EBB	30-Aug-06			27.8	5.56	5.43	5.50	85,3	83.1	8.2	29.4	2.9	2.8	2.7	6.5	6.5
74B	WFCZR2	S	MID-EBB	30-Aug-06			29.0	5.84	5.75		88.4	87.6	8.2	19,3	2.8	2.9		10.0	

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Lab ID	Location	Position	Tide	Sampling Date	Time	Water depth, m	Temp.	DO, mg/L (1)	DO, mg/L (2)	DO, Average value	DO, % saturation (1)	DO, % saturation (2)	pH, Unit	Salinity, ppt	Turbidity, NTU (1)	Turbidity, NTU (2)	NTU, Averaged Value	Suspended Solid, mg/L	SS, Averaged Value
749	WFCZR2	M	MID-EBB	30-Aug-06	17:07	38,50	28.9	5,82	5,71	5,78	89,3	88.2	8.2	24.5	3.2	3.2		7.0	
750	WFCZR2	В	MID-EBB	30-Aug-06			28.8	5.88	5,83	5,86	89,4	88.6	8.2	27.3	5.4	5.5	3.8	11.0	9.3
751	WWA1	S	MID-FLOOD	30-Aug-06			29.1	5.92	5.87		92.4	91.5	8.3	21.0	3.2	3.5		6.0	
752	WWA1	M	MID-FLOOD	30-Aug-06	10:27	7.80	29.0	5.93	5,84	5,89	89.2	88,3	8.3	22.4	2,9	2,8		6_0	i i
753	WWA1	В	MID-FLOOD	30-Aug-06			29.0	5,87	5,79	5.83	87.4	86.3	8.3	27,9	2,9	3,1	3.1	11.0	7.7
754	WWA2	S	MID-FLOOD	30-Aug-06			29.2	5.87	5,66		89,5	88.2	8.3	22,3	2.9	3.1		7.0	
755	WWA2	M	MID-FLOOD	30-Aug-06	10:13	8.70	29.1	5.95	5,83	5,83	89.7	88.3	8.4	24.8	3.5	3,3		8.0	(
756	WWA2	В	MID-FLOOD	30-Aug-06			29.1	5.87	5.81	5_84	90.4	89_1	8.4	26.9	4.7	4.7	3,7	11.0	8.7
757	VVWA3	S	MID-FLOOD	30-Aug-06			29.1	5.88	5.76		88.3	87.2	8.3	21.8	2.6	2.7		6.5	
758	WWA3	M	MID-FLOOD	30-Aug-06	10:00	7.90	29.0	5.85	5.82	5,83	87.4	86.5	8,3	23.5	2.7	2.7		7.5	i
759	WWA3	В	MID-FLOOD	30-Aug-06	1.00		29.0	5,89	5.81	5,85	88.3	88.1	8.3	26.7	2.9	2.9	2.8	5.5	6.5
760	WRA1	S	MID-FLOOD	30-Aug-06			29.0	5.76	5.73		89.7	88.1	8.3	21.3	3.1	3.1		5,0	
761	WRA1	M	MID-FLOOD	30-Aug-06	10:40	30.10	28.9	5.84	5.79	5.78	88.4	87.2	8.3	25.4	3.2	3.3		5.5	i
762	WRA1	В	MID-FLOOD	30-Aug-06			28.9	5.77	5.72	5,75	86.5	86.3	B.3	25.7	3.1	3,2	3.2	5.0	5.2
763	WRA2	S	MID-FLOOD	30-Aug-06		25.80		5.93	5.82		88.3	87-2	8.3	19.8	3,3	3,2		5.0	
764	WRA2	M	MID-FLOOD	30-Aug-06	10:55		29.0	5.84	5.82	5,85 5,73 5,68	87.4	86.5	8.3	22.6	5.8	5.3		7.0	i
765	WRA2	В	MID-FLOOD	30-Aug-06			29.0	5.75	5.71		86,9	85.4	8.3	27.9	5.2	5.2	4.7	8.0	6.7
766	WRA3	S	MID-FLOOD	30-Aug-06	1		29.1	5.77	5.72		87.3	86.5	8.3	18.5	3.0	2.6		7.5	
767	WRA3	M	MID-FLOOD	30-Aug-06	11:09	25,60	29.0	5,63	5.58		87.2	86.3	8.3	21.B	3.1	3.2		9.5	
768	WRA3	В	MID-FLOOD	30-Aug-06		li	28.9	5.71	5.65	5.68	88.5	86.2	B,3	25.3	3.7	3.4	3.1	8.0	B.3
769	WWFCZ1	S	MID-FLOOD	30-Aug-06			28.9	5.84	5.77		89.3	88.5	8.2	20.3	3.0	2.9		4.5	
770	WWFCZ1	M	MID-FLOOD	30-Aug-06	11:54	33.90	28.8	5.95	5.79	5.84	88.7	88.3	8.2	25.7	3.5	3.7		9.0	1
771	WWFCZ1	В	MID-FLOOD	30-Aug-06			28.6	5,86	5.83	5.85	87.4	87_1	8.2	28.6	3.5	3.7	3.4	12.5	8.7
772	WWFCZ2	S	MID-FLOOD	30-Aug-06			28.9	5.92	5.88		88.3	87.6	8.2	19.5	2.6	2.7		6.0	
773	WWFCZ2	M	MID-FLOOD	30-Aug-06	11:38	32,50	28.7	5.87	5.84	5.88	88.9	87.3	8.2	24.4	4.5	4.7		9.0	i '
774	WWFCZ2	В	MID-FLOOD	30-Aug-06		l	28.7	5.79	5.73	5.76	85.4	84.2	8.2	27.9	5.9	5.7	4.3	11.5	8.8
775	WFCZR1	S	MID-FLOOD	30-Апа-06			29.0	5.86	5.74		90.4	89.8	8.2	19.5	3.2	3.2		7.5	
776	WFCZR1	M	MID-FLOOD	30-Aug-06	12:08	38.40	28.8	5.92	5.81	5.83	88.7	87.2	8.2	27.2	3.5	3.7		6.5	
777	WFCZR1	В	MID-FLOOD	30-Aug-06			28.7	5.74	5.71	5.73	84.9	83.2	8.2	29,5	5.0	4.6	3.9	13.0	9.0
778	WFCZR2	S	MID-FLOOD	30-Aug-06			29.0	5.92	5.91		87.6	86.2	8.2	19,3	2.6	2.6		6.5	
779	WFCZR2	M	MID-FLOOD	30-Aug-06	11:24	41.50	28.9	5.88	5.83	5.89	88.5	87.2	8.2	26.1	5.3	5.3		10.0	
780	WFCZR2	В	MID-FLOOD	30-Aug-06			28.7	5.93	5.86	5.90	89.3	88.3	8.2	29.5	4.9	4.4	4.2	13.0	9.8