ENVIRONMENTAL MONITORING & AUDIT REPORT

Hip Hing - Ngo Kee Joint Venture

Hong Kong Convention and Exhibition Centre Expansion Project:

Monthly Environmental Monitoring and Audit Report for July 2007

August 2007

Environmental Resources Management

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August 2007

Reference 0050690

For and on behalf of
Environmental Resources Management
O O
Approved by:Steve Duckworth
8 ~ (. 11
Signed: Store Duckers
Position: Deputy Managing Director
Cantifications
Certified by:
(Environmental Team Leader - Marcus Ip)
Date: 13 August 2007

This report has been prepared by Environmental Resources Management the trading name of 'ERM Hong-Kong, Limited', with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.

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Our Ref: 3.16/014/2006/it

14 August 2007

Maunsell Consultants Asia Ltd Grand Central Plaza, Tower 2 138 Shatin Rural Committee Road Shatin, N.T., Hong Kong

Attn: Ms Vera Chan

Dear Sir/Madam,

Hong Kong Convention Center Expansion Project Monthly EM&A Report for July 2007 (Environmental Permit No. EP-239/2006/A)

With reference to the captioned document concerning the Monthly EM&A report for July 2007 received from ERM dated 13 August 2007, we are pleased to provide our verification for the document pursuant to condition 3 of the Environmental Permit (EP) No. EP-239/2006/A.

Yours faithfully,

Nature & Technologies (HK) Limited

Ir Dr Gabriel C K Lam Managing Director

cc: - Hong Kong Trade Development Council (Attn: Mr. K. F. Chan)

- Hip Hing Ngo Kee Joint Venture (Attn: Mr. Eric Lau & Mr. William Tam)

- ERM (Attn: Mr. Marcus Ip)

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EXECUTIVE SUMMARY

The construction works for Hong Kong Convention and Exhibition Centre Expansion Project (EIAO Register No: AEIAR-100/2006) commenced on 1 August 2006. This is the twelfth monthly Environmental Monitoring and Audit (EM&A) report presenting the EM&A works carried out during the period from 1 July 2007 to 31 July 2007 in accordance with the EM&A Manual.

Summary of Construction Works undertaken during the Reporting Period

The major construction works undertaken during the reporting period included the construction of permanent mini-piles at northern shore, construction of R.C. column, demolition of eastern facade of Atrium Link, erection of A1 Truss floor Structure, demolition of Levels 3, 6 & 7 structures of Atrium Link and strengthening works for replacement trusses.

Environmental Monitoring and Audit Progress

A summary of the monitoring activities in this reporting period is listed below:

24-hour Total Suspended Particulates (TSP) monitoring 5 sets 1-hour TSP monitoring 16 sets Environmental site auditing 4 times

Air Quality

Five sets of 24-hour and sixteen sets of 1-hour TSP monitoring were carried out at the designated monitoring stations (AM1 & AM2) during the reporting period. No exceedance was recorded during the reporting month.

Water Quality

Water quality monitoring at the designated monitoring stations (W3, W4 and W5) was not conducted during the reporting month subsequent to the completion of installation of marine piles on 23 April 2007. Additional water quality monitoring was also completed on 21 May 2007.

Construction Waste Management

The major construction activities undertaken in the reporting month were demolition of existing Atrium Link, land-based piling works and marine piling works. A total of 614 tonnes of inert C&D materials and 383.5 tonnes of C&D wastes were generated during the reporting month. The C&D wastes and inert C&D materials generated from the Project were disposed of at SENT Landfill / Tseung Kwan O Area 137 Fill Bank and the public fill barging point at Quarry Bay respectively.

Environmental Site Auditing

Four weekly environmental site audits were carried out by the ET. Details of the audit findings and implementation status are presented in *Section 6*.

Environmental Non-conformance

No environmental non-compliance was identified during the reporting period.

No environmental complaint or summons was received during the reporting period.

Future Key Issues

Major works to be undertaken in the coming month are foundation works, construction of permanent mini-piles at northern shore, construction of R.C. column, and demolition of Level 7 structures of Atrium Link.

Potential environmental impacts arising from the construction activities in the coming month are mainly associated with dust, site runoff, marine water quality and waste.

1 INTRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by Hip Hing – Ngo Kee Joint Venture as the Environmental Team (ET) to implement the Environmental Monitoring and Audit (EM&A) programme for Hong Kong Convention and Exhibition Centre Expansion Project (the Project).

1.1 Purpose of the Report

This is the twelfth EM&A report which summarises the impact monitoring results and audit findings of the EM&A programme during the reporting period from 1 July 2007 to 31 July 2007.

1.2 STRUCTURE OF THE REPORT

The structure of the report is as follows:

Section 1: **Introduction**

details the scope and structure of the report.

Section 2: Project Information

summarises background and scope of the Project, site description, project organisation and contact details, construction programme, the construction works undertaken and the status of Environmental Permits/Licences during the reporting period.

Section 3: Environmental Monitoring Requirement

summarises the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency, monitoring locations, Action and Limit Levels and Event / Action Plans.

Section 4: **Implementation Status on Environmental Mitigation Measures** summarises the implementation of environmental protection measures during the reporting period.

Section 5 : **Monitoring Results**

summarises the monitoring results obtained in the reporting period.

Section 6: Environmental Site Auditing

summarises the audit findings of the weekly site inspections undertaken within the reporting period.

Section 7: Environmental Non-conformance

summarises any environmental exceedance, environmental complaints and environmental summons received within the reporting period.

Section 8 : **Future Key Issues**

summarises the impact forecast and monitoring schedule for the next three months.

Section 9: Review of EM&A Data and EIA Predictions

compares and contrasts the EM&A data in the month with the EIA predictions and annotates with explanation for any discrepancies.

Section 10 : Conclusion

2 PROJECT INFORMATION

2.1 BACKGROUND

The Hong Kong Trade Development Council (HKTDC) is expanding its existing facilities to provide additional space for Hong Kong's leading trade fairs to be held at the Hong Kong Convention and Exhibition Centre (HKCEC). The Project is located in the North Wan Chai and will occupy the aerial space between Phase I and Phase II of the HKCEC. The new Atrium Link Extension (ALE) will span across the water channel between Phase I and Phase II of the HKCEC to accommodate 3 main levels of Exhibition Hall Extensions. The level of the main roof of the Extension will be of similar height as that of the podium roof of the Phase I building. A northern row of permanent supporting columns will be located on land close to Expo Drive Central and similarly a southern row will land near to Convention Avenue. There will be no permanent intermediate columns in the waterway.

The major works activities for the ALE will comprise the following:

- Construction and demolition of the temporary footbridge;
- Demolition of the existing Atrium Link;
- Construction and demolition of a temporary working platform;
- Construction of foundations and pile caps for the ALE; and
- Construction of superstructure for the ALE.

The potential environmental impacts of the Project have been studied in the "Hong Kong Convention and Exhibition Centre, Atrium Link Extension – Environmental Impact Assessment Report" (EIAO Register No: AEIAR-100/2006). The EIA was approved on 21 April 2006 under the Environmental Impact Assessment Ordinance (EIAO). An Environmental Permit (EP-239/2006) for the works was granted on 12 May 2006. An application for variation of the Environmental Permit was made on 25 January 2007, an amended Environmental Permit (EP-239/2006/A) was granted on 12 February 2007. Under the requirements of Condition 3.1 of Environmental Permit EP-239/2006/A, an EM&A programme as set out in the EM&A Manual and its supplement is required to be implemented.

The construction works commenced on 1 August 2006 and are scheduled to be completed by March 2009.

2.2 SITE DESCRIPTION

The works areas of the Project are illustrated in *Annex A*.

2.3 CONSTRUCTION ACTIVITIES

A summary of the major construction activities undertaken in this reporting period is shown in *Table 2.1*. The locations of the construction activities are shown in *Annex B*.

Table 2.1 Summary of Construction Activities Undertaken during the Reporting Month

Co	nstruction Activities Undertaken
•	Construction of permanent mini-piles at northern shore
•	Construction of R.C. column
•	Demolition of eastern facade of Atrium Link
•	Erection of A1 Truss floor Structure
•	Demolition of Levels 3, 6 & 7 structures of Atrium Link
•	Strengthening works for replacement trusses

2.4 PROJECT ORGANISATION

The Project organisation chart and contact details are shown in *Annex C*.

2.5 STATUS OF ENVIRONMENTAL APPROVAL DOCUMENTS

A summary of the relevant permits, licences, and/or notifications on environmental protection for this Project since August 2006 is presented in *Table 2.2*.

Table 2.2 Summary of Environmental Licensing, Notification and Permit Status

Permit/ Licenses/	Reference	Validity Period	Remarks
Notification			
Environmental Permit	EP-239/2006/A	Throughout the Contract	Environmental Permit (EP) EP-239/2006 granted originally on 12 May 2006 but superseded by revised EP issued on 12 February 2007
Notification of Construction Works under Air Pollution Control (Construction Dust) Regulation			Notification on 23 June 2006
Discharge Licence under Water Pollution Control Ordinance	EP860/W10/XY0145	N/A	-
Chemical Waste Producer Registration	WPN5213-134-H3125- 01	N/A	Chemical waste types: spent paint, acid, alkaline, adhesive, diesel fuel, lubricating oil and bitumen.

Permit/ Licenses/	Reference	Validity Period	Remarks
Notification		•	
Valid Construction	PP-RS0043-06	Valid from 15	
Noise Permit for area		January 2007 to 14	
inside the Atrium		July 2007	
Link		-	
	GW-RS0394-07	Valid from 1 July	
		2007 to 31 October	
		2007	
	GW-RS0323-07	Valid from 8 June	
		2007 to 1	
		December 2007	
	GW-RS0373-07	Valid from 21	
		June 2007 to 19	
		December 2007	

3

3.1 AIR QUALITY MONITORING

3.1.1 Monitoring Location

In accordance with the EM&A Manual, 24-hour and 1-hour Total Suspended Particulates (TSP) levels were conducted at the monitoring stations listed in *Table 3.1.* Maps and photographs showing the monitoring stations are presented in *Annex D*.

Table 3.1 Air Monitoring Stations

Monitoring Station	Description
AM1	Pedestrian Plaza
AM2	Renaissance Harbour View Hotel Hong Kong

3.1.2 Monitoring Parameters, Frequency and Programme

Air quality monitoring was conducted in accordance with the requirements stipulated in the EM&A Manual (*Table 3.2*). The monitoring programme for this and next three months is shown in *Annex E*.

Table 3.2 TSP Monitoring Parameter and Frequency

Parameter	Frequency
24-hour TSP	Once every 6 days
1-hour TSP	3 times every 6 days

3.1.3 Action and Limit Levels

The Action and Limit levels were established in accordance with the EM&A Manual and are presented in *Table 3.3*.

Table 3.3 Action and Limit Levels for Air Quality

Parameter	Air Monitoring Station	Action Level, μg/m³	Limit Level, μg/m³
24-hour TSP	AM1	161	260
	AM2	168	260
1-hour TSP	AM1	327	500
	AM2	329	500

3.1.4 Monitoring Equipment

Continuous 24-hour and 1-hour TSP monitoring were performed using High Volume Samplers (HVS) with appropriate sampling inlets installed, located at the designated monitoring station. The performance specification of HVS complies with the standard method "Determination of Suspended Particulate Matter in the Atmosphere (High Volume Method)" as stipulated in US EPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50 Appendix B).

Table 3.4 summarises the equipment that was used in the 24-hour and 1-hour TSP monitoring.

Table 3.4 TSP Monitoring Equipment

Monitoring Station	Equipment	Model (HVS, Calibration Kit)
AM1 (for 24-hr TSP)	HVS, Calibration Kit	GMW-9503, Tisch TE-5025 A
AM2 (for 24-hr TSP)	HVS, Calibration Kit	GMW-9795, Tisch TE-5025A
AM1 (for 1-hr TSP)	HVS, Calibration Kit	GMW-9864, Tisch TE-5025A
AM2 (for 1-hr TSP)	HVS, Calibration Kit	GMW-8115, Tisch TE-5025 A

3.1.5 *Monitoring Methodology*

Installation

The HVS's at AM1 and AM2 were placed at about 1.3 m above local ground level and about 4.3 m above local ground respectively. All of the HVS's were free-standing with no obstruction.

The following criteria were considered in the installation of the HVS's:

- horizontal platform with appropriate support to secure the samplers against gusty wind were provided at AM1 & AM2;
- a minimum of 2 m separation from walls, parapets and penthouses was required for rooftop samplers;
- no furnace or incinerator flues were nearby;
- airflow around the sampler was unrestricted; and
- permission was obtained to set up the samplers and to gain access to the monitoring stations.

Preparation of Filter Papers by ETS-Test Consultant Ltd

- glass fibre filters were labelled and sufficient filters that were clean and without pinholes were selected;
- all filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25 °C and not variable by more than \pm 3 °C; the relative humidity (RH) was 40%; and
- ETS-Test Consultant Ltd, a HOKLAS accredited laboratory, implements comprehensive quality assurance and quality control programmes.

Field Monitoring

- the power supply was checked to ensure that the HVS's were working properly;
- the filter holder and the area surrounding the filter were cleaned;

- the filter holder was removed by loosening the foul bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully;
- the filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter;
- the swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges;
- then the shelter lid was closed and secured with the aluminium strip;
- the HVS's were warmed-up for about 5 minutes to establish runtemperature conditions;
- a new flowrate record sheet was set into the flow recorder;
- the flow rate of the HVS's was checked and adjust at around 0.6 -1.44 m³/min. The range specified in the EM&A Manual was between 0.6 1.7 m³/min;
- the programmable timer was set for a sampling period of 24 hours \pm 1 hour, and the starting time, weather condition and the filter number were recorded;
- the initial elapsed time was recorded;
- at the end of sampling, the sampled filter was removed carefully and folded in half length so that only surfaces with collected particulate matter were in contact;
- it was then placed in a clean plastic envelope and sealed;
- all monitoring information was recorded on a standard data sheet; and
- filters were sent to ETS-Test Consultant Ltd for analysis.

3.1.6 *Maintenance and Calibration*

The HVS's and their accessories were maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.

The flow rate of each HVS with mass flow controller were calibrated using an orifice calibrator. Initial calibration of the dust monitoring equipments were conducted upon installation and prior to commissioning. Five-point calibration was carried out for HVS's using Tisch TE-5025 A Calibration Kit. The calibration records for the HVS's are given in *Annex F*.

3.1.7 Event Action Plan

The Event / Action Plan (EAP) for air quality monitoring is presented in *Annex H*.

3.2 WATER QUALITY MONITORING

3.2.1 Water Quality Monitoring

In accordance with the EM&A Manual, the marine water quality monitoring should be conducted at three designated monitoring stations during the installation and removal of temporary marine piles. The installation of temporary marine piles was completed on 23 April 2007 and therefore water quality monitoring was not conducted during the reporting month.

4 IMPLEMENTATION STATUS ON ENVIRONMENTAL PROTECTION REQUIREMENTS

The Contractor has implemented environmental mitigation measures and requirements as stated in the EIA Report, the Environmental Permit and EM&A Manual. The implementation status of environmental mitigation and status of relevant required submissions under the EP are reported as part of the monthly EM&A report⁽¹⁾. Relevant submissions made on these measures and requirements during the reporting period are summarised in *Annex I*.

⁽¹⁾ The last Monthly EM&A Report for June 2007 was submitted to the EPD on 13 July 2007.

5.1 AIR QUALITY

The monitoring data at AM1 and AM2 were provided by ETS-Testconsult Ltd. Five sets of 24-hour and sixteen sets of 1-hour TSP monitoring were carried out at the designated monitoring stations (AM1 & AM2) during the reporting period. The monitoring data for 24-hour TSP and 1-hour TSP together with wind data and graphical presentations are presented in *Annex G*. In addition, the monitoring results can also be found at the web-site (http://www.hkcecema.com/index.html).

The weather condition during the monitoring period was varied from sunny to rainy. The local impacts observed near the monitoring stations were mainly vehicle emissions along Convention Avenue and Fleming Road.

5.2 WATER QUALITY

Water quality monitoring was not conducted during the reporting month at the designated monitoring stations (W3, W4 and W5) subsequent to the completion of installation of marine piles on 23 April 2007.

5.3 WASTE MANAGEMENT

Waste generated from this Project includes inert construction and demolition (C&D) materials and non-inert C&D wastes. Reference has been made on the Monthly Summary Waste Flow Table prepared by Hip Hing – Ngo Kee Joint Venture (*Annex J*). With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting quarter are summarised in *Table 5.1*. The C&D wastes and inert C&D materials generated from the Project were disposed of at SENT Landfill / Tseung Kwan O Area 137 Fill Bank and the public fill barging point at Quarry Bay respectively.

Table 5.1 Quantities of Waste Generated from the Project

	Quantity		
Month / Year	C&D Materials (inert) (a)	C&D Materials (non-inert) b)	Chemical Waste
July 2007	614 tonnes	383.5 tonnes	0
		(excluding 60 tonnes of steel	
		materials which were collected	
		and recycled)	

Notes:

- (a) Inert C&D materials include bricks, concrete, building debris, rubble and excavated soil. 0.5 tonne of inert C&D materials was reused in this Project. Non-reused inert C&D materials were disposed of at the public fill barging point at Quarry Bay.
- (b) C&D wastes include steel materials generated from demolition of footbridge, the existing Atrium Link and working platform, paper / cardboard packaging waste, chemical waste and other wastes such as general refuse. The C&D wastes other than general refuse were disposed of at SENT Landfill / Tseung Kwan O Area 137 temporary construction waste sorting facility.

6

Weekly site inspections were carried out by the ET. Four site inspections were conducted on 5, 12, 19 and 27 July 2007. There was no non-compliance event recorded in the reporting month.

Environmental issues observed during the site audits were related to the site tidiness. Major findings and recommendations are summarised as follows:

- (i) Cement slurry was observed to be spreaded on the surface of the eastern marine working platform and was leaking into the water channel via the gaps of the platform due to a worker washing the agitator of concrete lorry on the platform. The Contractor was recommended to rectify the condition and also recommended to prohibit any activities which may generate site runoff on the platform. Corrective action was taken by the Contractor in the reporting period.
- (ii) Tyre tracks were observed to be left outside Gate 2. The Contractor was recommended to remove the tyre tracks left outside the Gate and remind the workers to wash the wheels of vehicles before leaving the site. Corrective action was taken by the Contractor in the reporting period.
- (iii) The Contractor was recommended to remove debris and refuse left on both eastern and western marine working platforms. For eastern marine working platform, the Contractor was also recommended to remove used welding electrodes left on it. Corrective action was taken by the Contractor in the reporting period.
- (iv) Rubbish booms on the western side of the water channel were observed to be broken. The Contractor was recommended to repair the rubbish booms on the western side of the water channel promptly. Corrective action was taken by the Contractor in the reporting period.
- (v) Oil was leaking from a drilling rig located at the eastern marine working platform. Although a drip tray was already provided to contain the oil, the Contractor was recommended to properly maintain the plant on site to prevent oil leakage. Corrective action was taken by the Contractor in the reporting period.
- (vi) Part of toe board and net at the northern seawall which is next to the MP4 works area were broken. The Contractor was recommended to replace the broken toe board and net to prevent materials falling to the water channel. Corrective action was taken by the Contractor in the reporting period.
- (vii) Refuse skip in the general waste storage area of eastern marine working platform was full. The Contractor was recommended to clear the

refuse and to ensure that the frequency of refuse collection is adequate to maintain site cleanliness. Corrective action was taken by the Contractor in the reporting period.

Water Discharge Sampling

In accordance with the discharge licence issued under WPCO, water sampling should be conducted quarterly to ensure the quality of treated effluent at three designated discharge points complies with the requirements of discharge license. Water quality sampling at Discharge Point 1, the gully located at the east end of Expo Drive Central, was conducted on 13 July 2007. *Table 6.1* shows that the effluent discharged from the project was in compliance with the discharge limit stipulated in the Water Discharge License. The laboratory testing reports of the water sampling and the map showing the locations of discharge points are presented in *Annex L*. In accordance with the discharge licence issued under WPCO, water sampling should be conducted at least quarterly to ensure the quality of treated effluent at three designated discharge points complies with the requirements of discharge license. The next sampling is scheduled to be conducted in September 2007.

Table 6.1 Results of Water Discharge Sampling

Sampling Location	Parameter	Test Result	Discharge Limit
Discharge Point 2	pH	8.4	6-9
(H200605 WT- 25)	Total Suspended Solids (TSS) Dried at 103-105°C (mg/L)	16	≤30
23)	Chemical Oxygen Demand (COD) (mgO ₂ /L)	<50	≤80
Discharge Point 3	рН	8.7	6-9
(H200605 WT- 21)	Total Suspended Solids (TSS) Dried at 103-105°C (mg/L)	6.8	≤30
	Chemical Oxygen Demand (COD) (mgO ₂ /L)	<50	≤80

Landscape and Visual Monitoring

In accordance with *Section 6.7* of the EM&A Manual, bi-weekly landscape and visual monitoring is required to ensure that the design, implementation and maintenance of landscape and visual mitigation measures are fully achieved. The monitoring has commenced since January 2007 and is conducted by Earthasia Limited. Landscape and visual mitigation measures were implemented by the Contractor with the implementation status is given in *Annex I*.

7 ENVIRONMENTAL NON-CONFORMANCE

7.1 SUMMARY OF ENVIRONMENTAL EXCEEDANCE

No exceedance of the Action and Limit Levels of 24-hour and 1-hour TSP was recorded at monitoring stations during the reporting period.

7.2 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

No non-compliance event was recorded during the reporting period.

7.3 SUMMARY OF ENVIRONMENTAL COMPLAINT

No complaint was received during the reporting period.

7.4 SUMMARY OF ENVIRONMENTAL SUMMONS AND PROSECUTION

No summons or prosecution on environmental matters was received during the reporting period.

8 FUTURE KEY ISSUES

8.1 KEY ISSUES FOR THE COMING MONTH

Works to be taken for the coming monitoring period are summarised in *Table 8.1*.

Table 8.1 Construction Works to be Undertaken in the Coming Month

Work to be taken

- · Construction of permanent mini-piles at northern shore
- Construction of R.C. column
- Demolition of Level 7 structures of Atrium Link

Potential environmental impacts arising from the above construction activities are mainly associated with dust, site runoff and waste management.

8.2 MONITORING SCHEDULE FOR THE COMING MONTHS

The tentative schedule of TSP monitoring for the next months is presented in *Annex E*. The environmental monitoring will be conducted at the same monitoring locations as those for this reporting month.

The installation of temporary marine piles was completed on 23 April 2007 and four weeks of additional water quality monitoring was also completed on 21 May 2007 after the completion of marine piling works. Four weeks of additional water quality will be conducted within the next dry season (ie November 2007 to March 2008) and the exact monitoring period will be determined in October 2007.

The construction programme for the next three months is presented in *Annex K*.

9.1 AIR QUALITY

Since the EIA only have qualitative assessment of dust impact during construction phase, the comparison was made between the monitoring results and the Hong Kong Air Quality Objectives (HKAQO) (*Table 9.1*).

Table 9.1 Comparison of the HKAQO and Air Quality Monitoring Results

Monitoring Stations	Corresponding ASR in EIA	HKAQO, ug/m ³	Measured 24 hour TSP Monitoring Results, ug/m³ (2)	
		24 hour (1)	Average	Range
AM1	AM8	260	75	23 - 145
AM2	AM6	260	70	29 - 145

Remarks:

The monitoring results show that the 24-hour TSP levels during the reporting period were well below the maximum allowable concentration stipulated in the HKAQO. Recommended mitigation measures in *Section 4.24* of EIA were implemented during the reporting period and were considered effective.

9.2 WASTE MANAGEMENT

The estimated amount of waste generated in this Project and the quantities of waste generated during the reporting period are presented in *Table 9.2*. Recommended mitigation measures in *Sections 6.35 to 6.41* of the EIA were implemented during the reporting period and regarded as effective.

⁽¹⁾ Only 24 hours TSP monitoring results were compared as there is no maximum allowable concentration of 1 hour TSP in HKAQO.

⁽²⁾ Average and range of data were calculated for the period of monitoring between August 2006 and the reporting month.

Table 9.2 Comparison of the Estimated and Actual Amount of Waste Generated

Estimated Amount of C&D Materials in EIA (inert & non- inert)	Actual Amount of C&D Materials Recorded ⁽¹⁾ (inert & non-inert)
585 tonnes	0
4,680 tonnes	365 tonnes
390 tonnes	0
20,000 tonnes	13,754 tonnes
Insignificant	688 tonnes
Small	288 Litres
	Materials in EIA (inert & non-inert) 585 tonnes 4,680 tonnes 390 tonnes 20,000 tonnes Insignificant

Remark:

9.3 **CONCLUSION OF REVIEW**

The EIA predictions and the monitoring results during the reporting period have been reviewed. The EIA concluded that the Project would not cause adverse impacts to the environment, and the monitoring results also indicated that the construction of the Project has not caused adverse impacts to the environment. Recommendations given in the EIA are also considered to be adequate and effective for minimising the environmental impacts.

⁽¹⁾ The actual amount of C&D Materials was recorded since the commencement of construction works.

10 CONCLUSION

The Environmental Monitoring and Audit (EM&A) Report presents the EM&A works undertaken during the period from 1 July to 31 July 2007 in accordance with EM&A Manual and the requirements under EP-239/2006/A.

No exceedance of the Action and Limit Levels of 24-hour and 1-hour TSP was recorded at the monitoring stations during the reporting month.

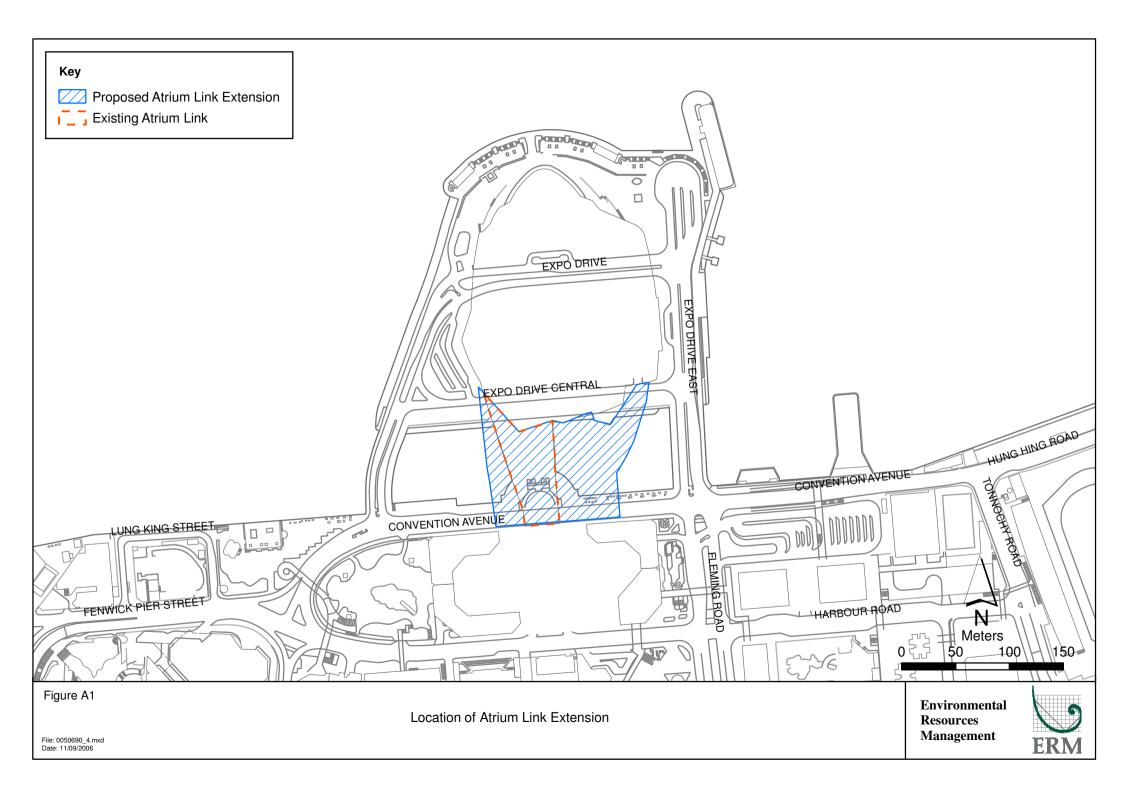
No non-compliance event was recorded during the reporting month.

No complaint and summons/prosecution was received during the reporting period.

The ET will keep track of the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

Annex A

Locations of Works Areas

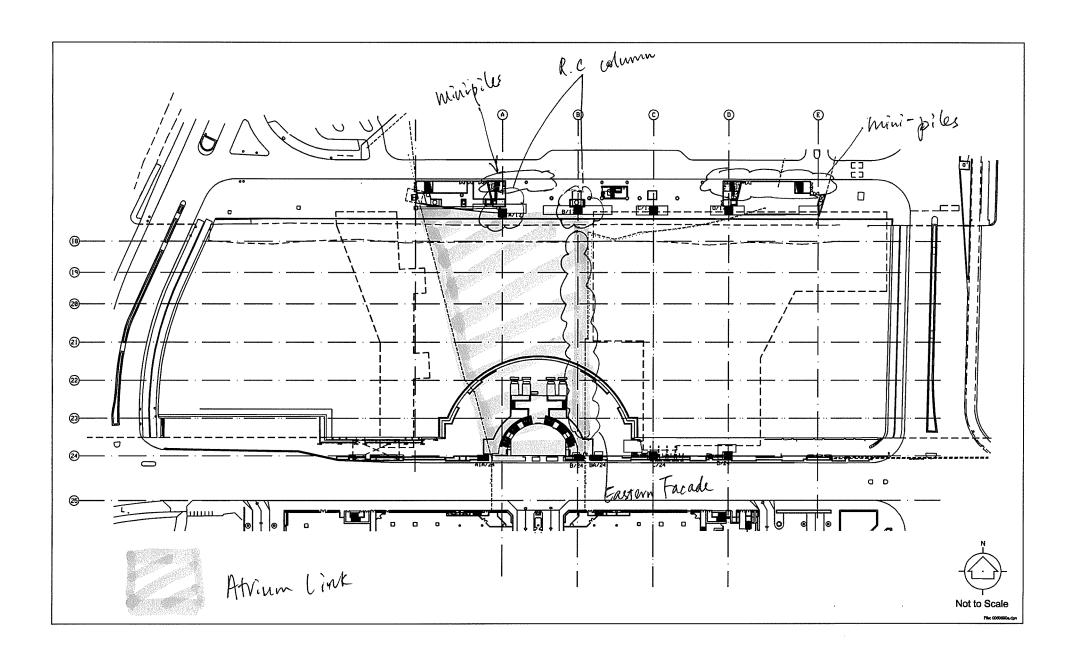


Annex B

Location of Construction Activities during the Reporting Month

Summary of Works for July 2007

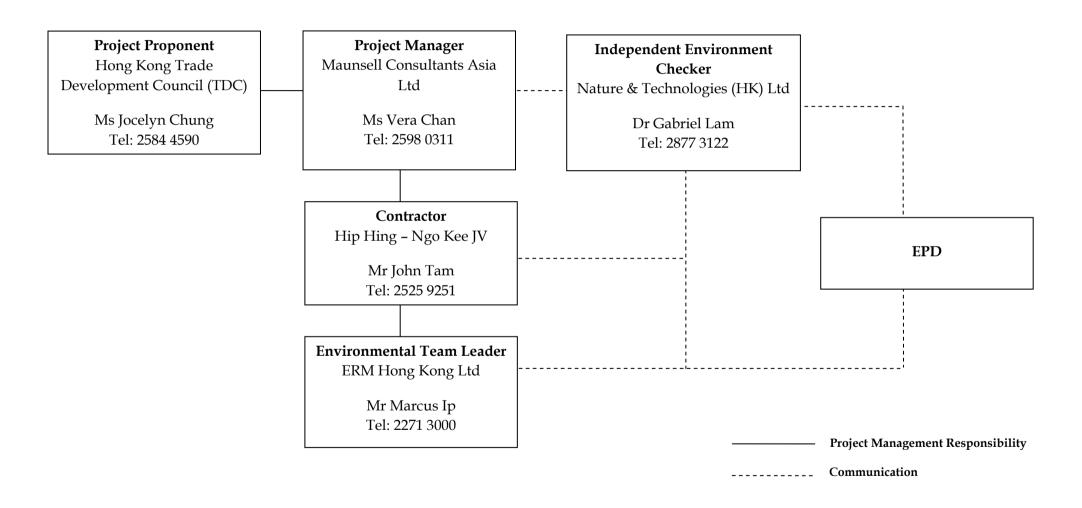
Description	Location	
Construction of RC column	Grid A/17, B/17, C/17, D/17	
Removal of Eastern Facade	Grid 16-23	
Erection of A1 Truss	Grid A1	
Strengthening works for replacement trusses	Grid 16-23	
Demolition of Levels 3, 6 & 7 structures of Atrium Link	Grid 16-23	
Construction of permanent mini-pile at North shore	Grid A1-A/16-17 Grid D-E/16-17	



Annex C

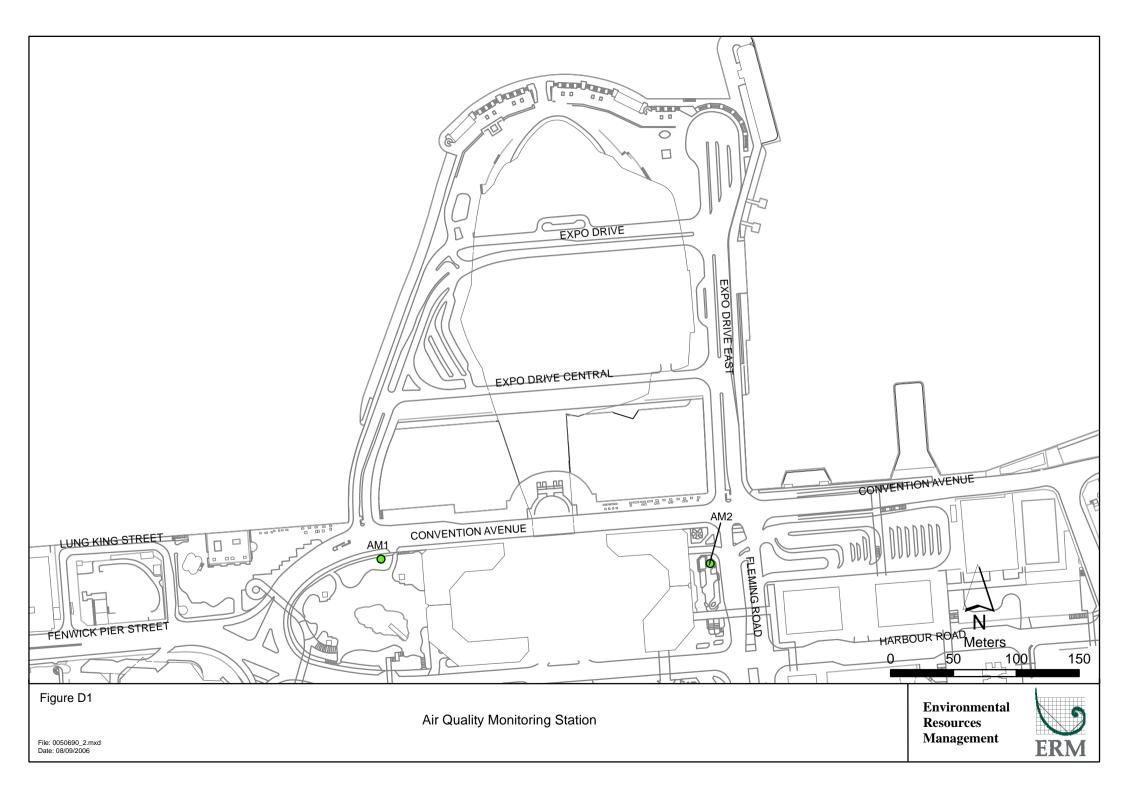
Project Organization Chart and Contact Detail

Project Organization (with contact details)



Annex D

Location of Monitoring Stations





Air Quality Monitoring Station (AM1)



Air Quality Monitoring Station (AM2)

Annex E

Monitoring Schedule for the Reporting Period and Next Month

Hong Kong Convention and Exhibition Centre, Atrium Link Extension Air Quality Monitoring Schedule - July 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-Jul				05-Jul	06-Jul	07-Jul
		Air Monitoring 1 hr TSP	Air Monitoring 1 hr TSP	Air Monitoring 1 hr and 24 hr TSP		Air Monitoring 1 hr TSP
08-Jul	09-Jul	10-Jul	11-Jul	12-Jul	13-Jul	14-Jul
	Air Monitoring 1 hr TSP		Air Monitoring 1 hr and 24 hr TSP		Air Monitoring 1 hr TSP	
15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul
	Air Monitoring 1 hr TSP	Air Monitoring 1 hr and 24 hr TSP	Air Monitoring 1 hr TSP		Air Monitoring 1 hr TSP	
22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul
	Air Monitoring 1 hr and 24 hr TSP		Air Monitoring 1 hr TSP		Air Monitoring 1 hr TSP	Air Monitoring 1 hr and 24 hr TSP
29-Jul	30-Jul	31-Jul				
	Air Monitoring 1 hr TSP					

Hong Kong Convention and Exhibition Centre, Atrium Link Extension Air Quality Monitoring Schedule - August 2007

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
•		·	01-Aug	02-Aug	03-Aug	04-Aug
			Air Monitoring 1 hr TSP		Air Monitoring 1 hr and 24 hr TSP	
05-Aug	06-Aug	07-Aug	08-Aug	09-Aug	10-Aug	11-Aug
	Air Monitoring 1 hr TSP		Air Monitoring 1 hr TSP	Air Monitoring 1 hr and 24 hr TSP	Air Monitoring 1 hr TSP	
12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug
	Air Monitoring 1 hr TSP		Air Monitoring 1 hr and 24 hr TSP		Air Monitoring 1 hr TSP	
19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug
	Air Monitoring 1 hr TSP	Air Monitoring 1 hr and 24 hr TSP	Air Monitoring 1 hr TSP		Air Monitoring 1 hr TSP	
26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	
	Air Monitoring 1 hr and 24 hr TSP		Air Monitoring 1 hr TSP		Air Monitoring 1 hr TSP	

Annex F

Calibration Reports for HVS



東 業 德 勤 測 試 顧 問 有 限 公 司 ETS-TESTCONSULT LIMITED

8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong

Tel: 2695 8318 Fax: 2695 3944 E-mail : etl@ets-testconsult.com
Web site : www.ets-testconsult.com

TEST REPORT

Calibration Report

of

High Volume Air Sampler

Manufacturer

Graseby GMW

Date of Calibration

27 June 2007

Serial No.

9795 (ET/EA/003/18)

Calibration Due Date

26 August 2007

Method

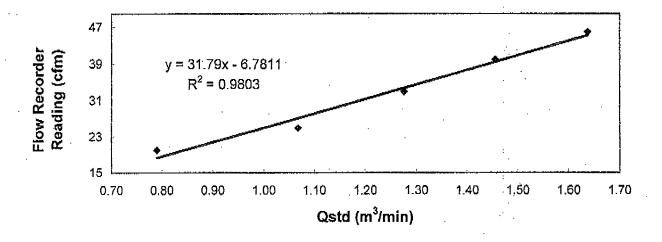
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder rea	ding (cfm)	46	40	33	25	20
Qstd (Actual flow	rate, m³/min)	1,64	1.46	1.28	1.07	0.79
Pressure :	756.06 mm Hg		Temp. :	303	K	

Sampler 9795 Calibration Curve Site: Wan Chai (AM-2) Date of Calibration: 27 June 2007



Acceptance Criteria:

Correlation coefficient (r) of the calibration curve greater than 0.990 after

a 5-point calibration

The high volume sampler complies * / does not comply * with the specified requirements and is deemed acceptable */ unacceptable * for use.

Calibrated by :

Mak Kei Wai

(Senior Technician)

Approved by :

H. T. CHOW

(Asst. Environmental Officer)



東 業 德 勤 測 試 顧 問 有 限 公 司 ETS-TESTCONSULT LIMITED

8/F., Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fotan, Hong Kong

: 2695 8318 Fax : 2695 3944

: etl@ets-testconsult.com E-mail : www.ets-testconsult.com

Web site

Calibration Report

TEST REPORT

of

High Volume Air Sampler

Manufacturer

Graseby GMW

Date of Calibration

27 June 2007

Serial No.

9864 (ET/EA/003/19)

Calibration Due Date

26 August 2007

Method

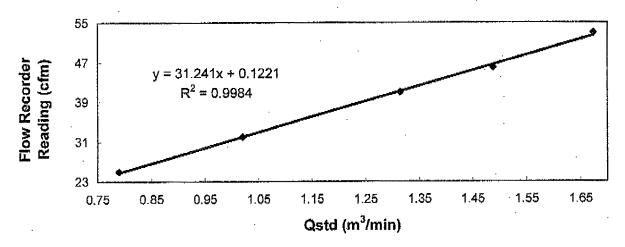
Based on Operations Manual for the 5-point calibration using standard calibration kit

manufactured by Tisch TE-5025 A

Results

Flow recorder rea	ding (cfm)	53	46	41	32	25
Qstd (Actual flow	rate, m³/min)	1.67	1.49	1.31	1.02	0.79
Pressure :	756.06 mm Hg		Temp.:	303	K	

Sampler 9864 Calibration Curve Site: Wan Chai (AM-1) Date of Calibration: 27 June 2007



Acceptance Criteria:

Correlation coefficient (r) of the calibration curve greater than 0.990 after

a 5-point calibration

The high volume sampler complies * / does not comply * with the specified requirements and is deemed acceptable */ unacceptable * for use.

Calibrated by:

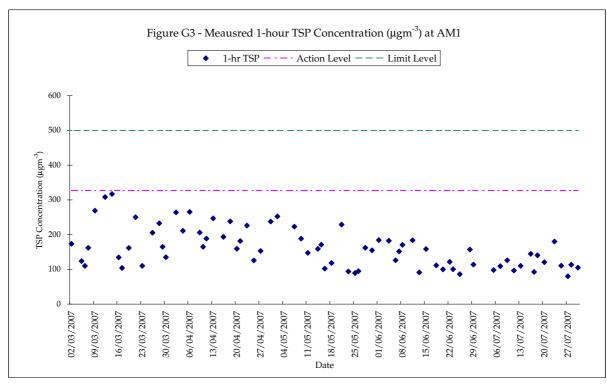
(Senior Technician)

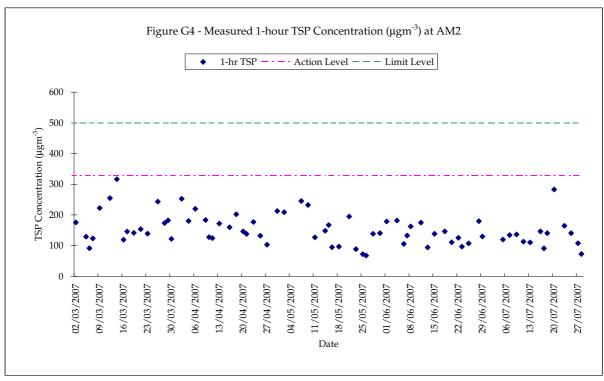
Approved by

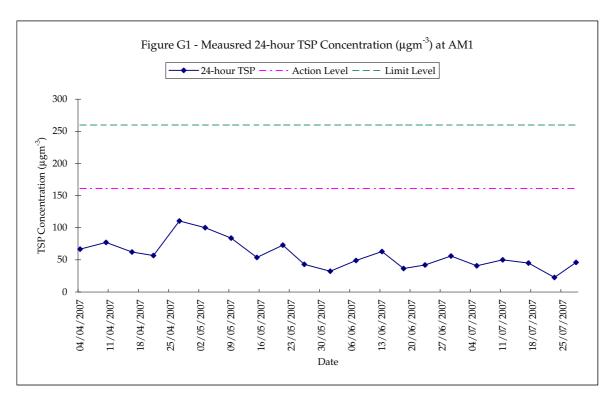
(Asst. Environmental Officer)

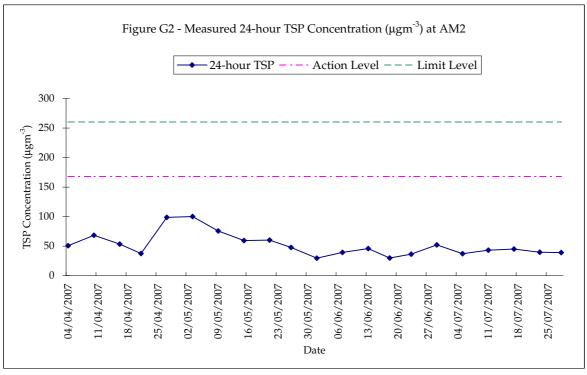
Annex G

24-hour and 1-hour TSP Monitoring Results









24-hour TSP Monitoring Results

24-hour TSP Monitoring Results at Station AM1 (Nearby The Grand Hyatt)

Date	Filter W	/eight (g)	Flow Rate	(m³/min.)	Elaps	se Time	Sampling	Conc.	Weather	Ave. Air	Particulate	Av. flow	Total vol.
	Initial	Final	Initial	Final	Initial	Final	Time(hrs.)	(μg/m ³)	Condition	Temp. (°C)	weight(g)	(m ³ /min)	(m ³)
05-Jul-07	2.8851	2.9754	1.53	1.53	12023.8	12047.8	24.0	41	Rainy	28	0.0903	1.53	2205.9
11-Jul-07	2.8936	3.0089	1.60	1.60	12050.8	12074.8	24.0	50	Sunny	29.6	0.1153	1.60	2299.1
17-Jul-07	2.8263	2.9237	1.50	1.50	12077.8	12101.8	24.0	45	Rainy	29.7	0.0974	1.50	2161.6
23-Jul-07	2.8312	2.8771	1.40	1.40	12104.8	12128.8	24.0	23	Sunny	29.6	0.0459	1.40	2021.6
28-Jul-07	2.8782	2.9701	1.37	1.37	12131.8	12155.8	24.0	46	Sunny	30.3	0.0919	1.37	1976.4

 Min
 23

 Max
 50

 Average
 41

24-hour TSP Monitoring Results at Station AM2 (Nearby Renaissance Harbour View Hotel)

Date	Filter W	/eight (g)	Flow Rate	(m³/min.)	Elaps	se Time	Sampling	Conc.	Weather	Ave. Air	Particulate	Av. flow	Total vol.
	Initial	Final	Initial	Final	Initial	Final	Time(hrs.)	(μg/m ³)	Condition	Temp. (°C)	weight(g)	(m³/min)	(m ³)
05-Jul-07	2.8946	2.9649	1.31	1.31	10362.0	10386.0	24.0	37	Rainy	28.0	0.0703	1.31	1892.6
11-Jul-07	2.9070	2.9865	1.28	1.28	10389.0	10413.0	24.0	43	Sunny	29.6	0.0795	1.28	1847.2
17-Jul-07	2.8018	2.8869	1.31	1.31	10416.0	10440.0	24.0	45	Rainy	29.7	0.0851	1.31	1892.6
23-Jul-07	2.7781	2.8568	1.38	1.38	10443.0	10467.0	24.0	40	Sunny	29.6	0.0787	1.38	1983.2
28-Jul-07	2.8943	2.9673	1.31	1.31	10470.0	10494.0	24.0	39	Sunny	30.3	0.0730	1.31	1892.6

 Min
 37

 Max
 45

 Average
 41

1-hour TSP Monitoring Results

1-hour TSP Monitoring Results at Station AM1 (Nearby The Grand Hyatt)

Date	Filter W	/eight (g)	Flow Rate	(m³/min.)	Elaps	e Time	Sampling	Conc.	Weather	Ave. Air	Particulate	Av. flow	Total vol.
	Initial	Final	Initial	Final	Initial	Final	Time(hrs.)	(μg/m ³)	Condition	Temp. (°C)	weight(g)	(m ³ /min)	(m ³)
03-Jul-07	2.8991	2.9080	1.50	1.50	12020.8	12021.8	1.0	99	Cloudy	28.4	0.0089	1.50	90.0
04-Jul-07	2.8714	2.8820	1.44	1.44	12021.8	12022.8	1.0	123	Rainy	28.3	0.0106	1.44	86.2
05-Jul-07	2.9115	2.9196	1.37	1.37	12022.8	12023.8	1.0	98	Rainy	28.0	0.0081	1.37	82.4
07-Jul-07	2.8366	2.8460	1.44	1.44	12047.8	12048.8	1.0	109	Cloudy	29.6	0.0094	1.44	86.2
09-Jul-07	2.8833	2.8937	1.37	1.37	12048.8	12049.8	1.0	126	Rainy	29.5	0.0104	1.37	82.4
11-Jul-07	2.9196	2.9279	1.40	1.40	12049.8	12050.8	1.0	97	Sunny	29.6	0.0083	1.40	86.0
13-Jul-07	2.8210	2.8307	1.47	1.47	12074.8	12075.8	1.0	110	Sunny	29.6	0.0097	1.47	88.1
16-Jul-07	2.8077	2.8199	1.40	1.40	12075.8	12076.8	1.0	145	Rainy	29.9	0.0122	1.40	84.3
17-Jul-07	2.8128	2.8212	1.37	1.37	12076.8	12077.9	1.1	93	Rainy	29.7	0.0084	1.37	90.6
18-Jul-07	2.8410	2.8534	1.47	1.47	12101.8	12102.8	1.0	141	Sunny	29.5	0.0124	1.47	88.1
20-Jul-07	2.8245	2.8349	1.44	1.44	12102.8	12103.8	1.0	121	Sunny	29.6	0.0104	1.44	86.2
23-Jul-07	2.7944	2.8089	1.34	1.34	12103.8	12104.8	1.0	180	Sunny	29.6	0.0145	1.34	80.4
25-Jul-07	2.7919	2.8010	1.37	1.37	12128.8	12129.8	1.0	111	Sunny	29.4	0.0091	1.37	82.4
27-Jul-07	2.8759	2.8822	1.31	1.31	12129.8	12130.8	1.0	80	Sunny	30.3	0.0063	1.31	78.5
28-Jul-07	2.8849	2.8927	1.15	1.15	12130.8	12131.8	1.0	113	Drizzle	29.6	0.0078	1.15	68.9
30-Jul-07	2.9225	2.9293	1.08	1.08	12155.8	12156.8	1.0	105			0.0068	1.08	65.1

 Min
 80

 Max
 180

 Average
 116

1-hour TSP Monitoring Results at Station AM2 (Nearby Renaissance Harbour View Hotel)

Date	Filter W	Veight (g)	Flow Rate	(m³/min.)	Elaps	e Time	Sampling	Conc.	Weather	Ave. Air	Particulate	Av. flow	Total vol.
	Initial	Final	Initial	Final	Initial	Final	Time(hrs.)	(μg/m ³)	Condition	Temp. (°C)	weight(g)	(m ³ /min)	(m ³)
03-Jul-07	2.9090	2.9182	1.22	1.22	10359.0	10360.0	1.0	126	Cloudy	28.4	0.0092	1.22	73.2
04-Jul-07	2.8755	2.8824	1.19	1.19	10360.0	10361.0	1.0	97	Rainy	28.3	0.0069	1.19	71.3
05-Jul-07	2.8832	2.8922	1.25	1.25	10361.0	10362.0	1.0	120	Rainy	28.0	0.0090	1.25	75.1
07-Jul-07	2.9020	2.9118	1.21	1.21	10386.0	10387.0	1.0	135	Cloudy	29.6	0.0098	1.21	72.9
09-Jul-07	2.9086	2.9191	1.28	1.28	10387.0	10388.0	1.0	136	Rainy	29.5	0.0105	1.28	77.0
11-Jul-07	2.9046	2.9133	1.28	1.28	10388.0	10389.0	1.0	113	Sunny	29.6	0.0087	1.28	77.0
13-Jul-07	2.8179	2.8260	1.22	1.22	10413.0	10414.0	1.0	111	Sunny	29.6	0.0081	1.22	73.2
16-Jul-07	2.8230	2.8340	1.25	1.25	10414.0	10415.0	1.0	147	Rainy	29.9	0.0110	1.25	75.1
17-Jul-07	2.8288	2.8360	1.31	1.31	10415.0	10416.0	1.0	91	Rainy	29.7	0.0072	1.31	78.9
18-Jul-07	2.8410	2.8534	1.47	1.47	12101.8	12102.8	1.0	141	Sunny	29.5	0.0124	1.47	88.1
20-Jul-07	2.8079	2.8297	1.28	1.28	10441.0	10442.0	1.0	283	Sunny	29.6	0.0218	1.28	77.0
23-Jul-07	2.8209	2.8337	1.28	1.28	10442.0	10443.0	1.0	165	Sunny	29.6	0.0128	1.28	77.7
25-Jul-07	2.8042	2.8153	1.31	1.31	10467.0	10468.0	1.0	141	Sunny	29.4	0.0111	1.31	78.9
27-Jul-07	2.8851	2.8934	1.28	1.28	10468.0	10469.0	1.0	108	Sunny	30.3	0.0083	1.28	77.0
28-Jul-07	2.9118	2.9174	1.28	1.28	10469.0	10470.0	1.0	73	Drizzle	29.6	0.0056	1.28	77.0
30-Jul-07	2.9065	2.9146	1.25	1.25	10494.0	10495.0	1.0	108			0.0081	1.25	75.1

 Min
 73

 Max
 283

 Average
 131

Meteorological Data Extracted from King's Park Stations of the Hong Kong Observ

			Kin	g's Park Station		
Date	Weather	Average Air Temperature (°C)	Average Wind Speed (km/h)	Average Relative Humiditiy (%)	Total Rainfall (mm)	Wind Direction (Degree)
03-Jul-07	Cloudy	28.4	13.2	85	0.0	110
04-Jul-07	Rainy	28.3	11.0	86	19.5	110
05-Jul-07	Rainy	28.0	9.6	87	16.0	130
07-Jul-07	Cloudy	29.6	6.1	78	0.0	140
09-Jul-07	Rainy	29.5	8.0	75	1.5	270
11-Jul-07	Sunny	29.6	8.4	76	0.0	270
13-Jul-07	Sunny	29.6	10.4	79	0.0	270
16-Jul-07	Rainy	29.9	9.7	79	1.5	280
17-Jul-07	Rainy	29.7	10.6	78	8.5	210
18-Jul-07	Sunny	29.5	12.5	79	3.0	210
20-Jul-07	Sunny	29.6	8.4	78	0.0	270
23-Jul-07	Sunny	29.6	10.2	77	0.0	280
25-Jul-07	Sunny	29.4	7.2	74	0.0	280
27-Jul-07	Sunny	29.7	7.7	74	0.0	110
28-Jul-07	Sunny	30.3	10.9	75	0.0	110
30-Jul-07	Drizzle	29.6	5.0	76	0.5	170

Annex H

Event / Action Plans for Air Quality Monitoring

Table H1 Event Action Plans for Air Quality

Event		Action		
Action Level	ET	Contractor	ER	IEC
Exceedance for one sample	 Identify source Notify IEC, ER and Contractor within 1 working day after receiving the laboratory results. Conduct additional monitoring to investigate the causes. Report the investigation results and if exceedance is due to contractor's construction works to the IEC, ER and Contractor. Increase monitoring frequency to once per 2 days for 24-hour TSP and daily for 1-hour TSP until exceedance stops if exceedances are considered related to contractor's construction works and report the results to IEC, ER and Contractor within 1 working day after receiving the laboratory results. 	 Take immediate action to avoid further exceedance and rectify any unacceptable practice. Submit air mitigation proposal to IEC and ER for agreement within 3 working days if ET indicated that exceedance is related to the construction works Implement agreed proposal within a time scale agreed with ER and IEC. 	 Confirm receipt of notification of failure in writing. Notify Contractor. Require Contractor to submit air mitigation proposal. Ensure remedial measures are properly implemented. 	 Review monitoring data and investigation report submitted by ET. Review Contractor's air mitigation proposal and advise the ER accordingly. Supervise and confirm in writing the implementation of remedial measures within 2 working days after receipt of the mitigation proposal.
Exceedance for two or more consecutive samples	 Identify source Notify EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results Conduct additional monitoring to investigate the causes. Report the investigation results and if exceedances are due to contractor's construction works to EPD, IEC, ER and Contractor within 3 working days after additional monitoring. Increase monitoring frequency to daily for 24-hour TSP and 1-hour TSP if exceedances are considered related to contractor's construction works until exceedance stops, and report the results to EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results. If exceedances continue after 1-week monitoring events, request ER to arrange meeting with ER, IEC and contractor to discuss remedial actions. 	 Take immediate action to avoid further exceedance and rectify any unacceptable practice In consultation with the IEC, submit air mitigation proposal to IEC and ER for agreement within 3 working days of notification if ET indicated that exceedances are related to construction works Implement agreed proposal within a time scale agreed with ER and IEC. Amend working methods if appropriate. 	 Confirm receipt of notification of failure in writing. Notify Contractor. Require Contractor to submit air mitigation proposal. Ensure remedial measures are properly implemented. 	 Review monitoring data and investigation report submitted by ET. Discuss amongst ER, ET and Contractor in order to formulate air mitigation proposal. Review Contractor's air mitigation proposal and advise the ER accordingly. Supervise and confirm in writing the implementation of remedial measures within 2 working days after receipt of the mitigation proposal.

Event		Action		
Limit Level	ET	Contractor	ER	IEC
Exceedance for one sample	 Identify source Notify EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results Conduct additional monitoring to investigate the causes. Report the investigation results and if exceedances are due to contractor's construction works to EPD, IEC, ER and Contractor within 3 working days after additional monitoring. Increase monitoring frequency to daily if exceedances are considered related to contractor's construction works until exceedance stops, and report the results to EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results. 	 Take immediate action to avoid further exceedance and rectify any unacceptable practice In consultation with the IEC, submit air mitigation proposal to IEC and ER for agreement within 3 working days of notification if ET indicated that exceedances are related to construction works Implement agreed proposal within a time scale agreed with ER and IEC. Amend working methods if appropriate. 	 Confirm receipt of notification of failure in writing. Notify Contractor. Require Contractor to submit air mitigation proposal. Ensure remedial measures are properly implemented. 	 Review monitoring data and investigation report submitted by ET. Discuss amongst ER, ET and Contractor in order to formulate air mitigation proposal. Review Contractor's air mitigation proposal and advise the ER accordingly. Supervise and confirm in writing the implementation of remedial measures within 2 working days after receipt of the mitigation proposal.
Exceedance for two or more consecutive samples	 Identify source Notify EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results Conduct additional monitoring to investigate the causes. Report the investigation results and if exceedances are due to contractor's construction works to EPD, IEC, ER and Contractor within 3 working days after additional monitoring. Increase monitoring frequency to daily if exceedances are considered related to contractor's construction works until exceedance stops, and report the results to EPD, IEC, ER and Contractor within 1 working day after receiving the laboratory results. If exceedances continue after 2 consecutive monitoring events, request ER to arrange meeting with IEC and contractor to discuss remedial actions. 	 Take immediate action to avoid further exceedance and rectify any unacceptable practice In consultation with the IEC, submit air mitigation proposal to IEC and ER for agreement within 3 working days of notification if ET indicated that exceedances are related to construction works Implement agreed proposal within a time scale agreed with ER and IEC. Amend working methods and proposal if appropriate. Stop relevant portion(s) of works as required by ER, ET and IEC 	 Confirm receipt of notification of failure in writing. Notify Contractor. Require Contractor to submit air mitigation proposal. Ensure remedial measures are properly implemented. If exceedances continue arrange meeting with Contractor, IEC and ET and to consider what portion(s) of works should be further mitigated or have to stop. 	 Review monitoring data and investigation report submitted by ET. Discuss amongst ER, ET and Contractor in order to formulate air mitigation proposal. Review Contractor's air mitigation proposal and advise the ER accordingly. Supervise and confirm in writing the implementation of remedial measures within 2 working days after receipt of the mitigation proposal.

Annex I

Summary of Implementation Status

Annex I - Summary of Environmental Protection / Mitigation Activities

Environmental Permit No. EP-239/2006/A

EP Condition Ref	Submission	Action Required by the Permit Holder	Implementation Status
	litigating Water Quality Impact		
2.4	Method statement on silt screens for seawater intakes (including design and maintenance requirements)	2 weeks before commencement of marine pile installation works	Method statement was submitted to the EPD on 21/6/06. Method statement (Revision A) was submitted to the EPD on 29/9/06. Method statement (Revision B) and supplementary information was submitted to the EPD on 23/5/07 and 18/6/07 respectively.
2.5	Method statement on silt curtain system for marine piling works (including design and maintenance requirements)	2 weeks before commencement of marine pile installation works	Method statement was submitted to the EPD on 15/9/06.
2.8	Design drawings specifying pile dimension and layout	2 weeks before commencement of marine pile installation works	Marine pile layout (final stage) was submitted to the EPD on 15/2/07. Revised marine pile layout (final stage) was
Measures for M	litigating Air Quality Impact Design drawings of ventilation facility for fresh air intakes (req'd only before operation of Project)	2 weeks before commencement of installation of ventilation facility	submitted to the EPD on 26/3/07.
Measures for M	litigating Landscape and Visual Impact		
2.10	Implementation programme for landscape and visual mitigation measures (for both construction and operational phases of Project)	Within 6 months after commencement of construction of Project	Implementation programme (CM01, CM04 and CM05) was submitted to the EPD on 8/12/06.
2.10	Details of each landscape and visual mitigation measures package (incl plans)	2 weeks before implementation of a particular mitigation package	Proposal on protection and transplantation of existing trees was submitted to the EPD on 8/12/06. Proposal for CM03 was submitted to the EPD on 8/12/06. Proposal for CM01, CM04 and CM05 was submitted to the EPD on 15/12/06. CM01 Rev 1 was submitted to the EPD on 22/1/07. Proposal CM02 was submitted to the EPD on 13/3/07.
3.2	Baseline Monitoring Report	One week before the commencement of construction	Report was submitted to the EPD on 24/7/06 and comments from the EPD was received on 3/8/06. Revised report was submitted to EPD on 17/8/06 and no further comments received.

Type of	Environmental Protection Measures	Location/ Timing	Status			
Impact						
Construction Pi	Construction Phase					
Air Quality	 The Air Pollution Control (Construction Dust) Regulation shall be implemented and good site practices shall be incorporated in the contract clauses to minimize construction dust impact. A number of practical measures are listed below: skip hoist for material transport should be totally enclosed by impervious sheeting; every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site; the area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores; where a site boundary adjoins a road, streets or other accessible to the public, hoarding of not less than 2.4 m high from ground level should be provided along the entire length except for a site entrance or exit; every stock of more than 20 bags of cement should be covered entirely by impervious sheeting placed in an area sheltered on the top and the 3 sides; all dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet; the height from which excavated materials dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading; the load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure dust materials do not leak from the vehicle; and instigation of an environmental monitoring auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise. 	Work site / during construction				

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Operational Ph	l ase		
Air Quality	Some fresh air intakes of the Hong Kong Convention and Exhibition Centre Phase I, Renaissance Harbour View Hotel and Grand Hyatt Hotel (ASRs A4, A5 and A6) should be re-diverted to the new air vent shaft provided for Atrium Link Extension where fresh air intake located at +55.8mPD.	Location of ASRs A4, A5 & A6 / Design & Operation Stage (Long-term and Interim Scenario)	Measures not required until commencement of operational phase
Air Quality	Monitoring of NO ₂ concentration underneath the Atrium Link Extension should be conducted.	Underneath the deckover / The first six months upon completion of the ALE.	Measures not required until commencement of operational phase
Construction P	hase		
Noise	 Good Site Practice: only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program; silencers or mufflers on construction equipment should be utilized and should be properly maintained during the construction program; mobile plant, if any, should be sited as far from NSRs as possible; machines and plant (such as trucks) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and material stockpiles and other structures should be effectively utilised, wherever practicable, in screening noise from onsite construction activities; Environmental audit shall be carried out to ensure that appropriate noise control measures would be properly implemented. 	Construction work areas / Construction period	

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact Operational I	Diago		<u> </u>
Noise	The following noise reduction measures should be considered as far as practicable during detailed design: choose quieter plant such as those which have been effectively silenced; include noise levels specification when ordering new plant; locate fixed plant away from any NSRs as far as practicable; locate fixed plant in plant rooms with thick walls or specially designed enclosure; locate noisy machines in basement or a completely separate building; and develop and implement a regularly scheduled plant maintenance programme in order to maintain controlled level of noise.	Plant Room / Design and Operation Stage	Relevant design and plant procurement procedures to commence at a later stage
Construction	Phase		
Water Quality	There should be no permanent structure in the water channel.	At the ALE sea channel / during operational phase	√
Water Quality	No dredging and no reclamation should be carried out for the Project.	At work sites / during construction phase	√
Water Quality	The marine pile layout as shown in Figure 3 of the Environmental Permit should be adopted. No more than approximately 80 numbers of temporary marine piles should be installed in the ALE sea channel during the construction phase. The dimension of each temporary marine pile should be 800mm nominal diameter. These piles should be driven into position and internal space should not be excavated, i.e. left as soil. No dredging or soil /sediment excavation should be carried out. Marine piles would be removed by reverse driving.	At work sites / during construction phase	√
Water Quality	Two layers of silt curtain should be installed around each of the marine piling and pile extraction locations. The proposed silt curtain should be extended to seabed with sinker blocks and regularly inspected and maintained to ensure it is serviceable.	At marine work sites and nearby seawater intakes / during marine piling and marine pile extraction	The installation of temporary marine piles was completed on 23 April 2007.

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
Impact	All marine works should be carried out in a controlled manner such that release of sediments into the marine environment would be minimized. All wastewater generated from the piling activities should be collected and be treated before controlled discharge. Spoil should also be properly collected for proper disposal.		
Water Quality	In view of the close vicinity of the seawater intakes to the work site, silt screens are recommended to be deployed at the seawater intakes shown in Figure 5.2 of the EIA report during the whole construction period. Silt screens to be provided at seawater intakes should be regularly checked and maintained to ensure that they are serviceable. Refuse collection vessel should be mobilized on a need basis to collect any floating refuse lost from/trapped at the work site during the construction period.	At seawater intakes / during the whole construction period	The installation of temporary marine piles was completed on 23 April 2007. Silt screens were removed as requested by the intake owners. Silt screens will be reinstalled at seawater intakes prior to the removal of marine piles.
Water Quality	Surface run-off from construction sites should be discharged into storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sedimentation basins. Channels or earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Perimeter channels at site boundaries should be provided where necessary to intercept storm runoff from outside the site so that it will not wash across the site. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks. Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times. Any practical options for the diversion and re-alignment of drainage should comply with both engineering and environmental requirements in order to ensure adequate hydraulic capacity of all drains. Minimum distances of 100 m should be maintained between the discharge points of construction site runoff and the nearby saltwater intakes.	Works areas / construction period	Δ

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
Water Quality	There is a need to apply to EPD for a discharge license for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge license. All the runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. Reuse and recycling of the treated effluent can minimize water consumption and reduce the effluent discharge volume. The beneficial uses of the treated effluent may include dust suppression, wheel washing and general cleaning. It is anticipated that only a small quantity of wastewater would be generated from the works areas. Any effluent discharge from the construction activities should be diverted away from the sea channel so as to avoid adverse water quality impact. Construction works should be programmed to minimize excavation works in rainy seasons (April to September). If excavation in soil could not be avoided in these months or at any time of year when rainstorms are likely, for the purpose of preventing soil erosion, temporary exposed slope surfaces should be covered e.g. by tarpaulin, and temporary access roads should be protected by crushed stone or gravel, as excavation proceeds. Intercepting channels should be provided (e.g. along the crest / edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. Arrangements should always be in place to ensure that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm.	Works areas / construction period	
Water Quality	Earthworks final surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary. Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations	Works areas / construction period	Δ

Environmental Resources Management

Hip Hing - Ngo Kee Joint Venture

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
	should be discharged into storm drains via silt removal facilities. Open stockpiles of construction materials (e.g. aggregates, sand and fill material) on sites should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system. Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.		
Water Quality	Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis.	Works areas / construction period	Δ
Water Quality	Under normal circumstances, groundwater pumped out of wells, etc. for the lowering of ground water level in basement or foundation construction should be discharged into storm drains after the removal of silt in silt removal facilities.	Works areas / construction period	√
Water Quality	Water used in ground boring and drilling or rock /soil anchoring should as far as practicable be re-circulated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into storm drains via silt removal facilities.	Works areas / construction period	√ ·
Water Quality	Wastewater generated from the washing down of mixing trucks and drum mixers and similar equipment should whenever practicable be recycled. The discharge of wastewater should be kept to a minimum.	Works areas / construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	To prevent pollution from wastewater overflow, the pump sump of any water recycling system should be provided with an online standby pump of adequate capacity and with automatic alternating devices.		
	Under normal circumstances, surplus wastewater may be discharged into foul sewers after treatment in silt removal and pH adjustment facilities (to within the pH range of 6 to 10). Disposal of wastewater into storm drains will require more elaborate treatment.		
Water Quality	All vehicles and plant should be cleaned before they leave a construction site to ensure no earth, mud, debris and the like is deposited by them on roads.	Works areas / construction period	Δ
	A wheel washing bay should be provided at every site exit if practicable and wash-water should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfall to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.		
Water Quality	Bentonite slurries used in diaphragm wall and bore-pile construction should be reconditioned and reused wherever practicable. If the disposal of a certain residual quantity cannot be avoided, the used slurry may be disposed of at the marine spoil grounds subject to obtaining a marine dumping licence from EPD on a case-by-case basis.	Works areas / construction period	√
	If the used bentonite slurry is intended to be disposed of through the public drainage system, it should be treated to the respective effluent standards applicable to foul sewer, storm drains or the receiving waters as set out in the WPCO Technical Memorandum on Effluent Standards.		

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
	Water used in water testing to check leakage of structures and pipes should be reused for other purposes as far as practicable. Surplus unpolluted water could be discharged into storm drains. Sterilization is commonly accomplished by chlorination. Specific advice from EPD should be sought during the design stage of the works with regard to the disposal of the sterilizing water. The sterilizing water should be reused wherever practicable.	Works areas / construction period	
	Discharge of sterilization effluent should be properly pre-treated for compliance with TM/WPCO requirements, such as but not limited to total residual chlorine.		
Water Quality	Effluent discharges from building construction and other construction site activities are subject to WPCO control. Before commencing any demolition works, all sewer and drainage connections should be sealed to prevent building debris, soil, sand etc. from entering public sewers/drains.	Works areas / construction period	√
	Wastewater generated from building construction activities including concreting, plastering, internal decoration, cleaning of works and similar activities should not be discharged into the stormwater drainage system. If the wastewater is to be discharged into foul sewers, it should undergo the removal of settleable solids in a silt removal facility, and pH adjustment as necessary.		
Water Quality	Acidic wastewater generated from acid cleaning, etching, pickling and similar activities should be neutralized to within the pH range of 6 to 10 before discharging into foul sewers. If there is no public foul sewer in the vicinity, the neutralized wastewater should be tinkered off site for disposal into foul sewers or treated to a standard acceptable to storm drains and the receiving waters.	Works areas / construction period	No acidic wastewater will be generated.
Water Quality	Wastewater collected from canteen kitchens, including that from basins, sinks and floor drains, should be discharged into foul	Works areas / construction period	√

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
in previous and a second secon	sewer via grease traps capable of providing at least 20 minutes retention during peak flow.		
	Drainage serving an open oil filling point should be connected to storm drains via a petrol interceptors with peak storm bypass.		
	Vehicle and plant servicing areas, vehicle wash bays and lubrication bays should as far as possible be located within roofed areas. The drainage in these covered areas should be connected to foul sewers via a petrol interceptor. Oil leakage or spillage should be contained and cleaned up immediately. Waste oil should be collected and stored for recycling or disposal in accordance with the Waste Disposal Ordinance.		
Water Quality	It is recommended to provide sufficient chemical toilets in the works areas. The toilet facilities should be more than 30 m from the seafront or any watercourse. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis.	Works areas / construction period	
	Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment. Regular environmental audit on the construction site can provide an effective control of any malpractices and can encourage continual improvement of environmental performance on site.		
Water Quality	Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Works areas / construction period	
Water Quality	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and	Works areas / construction period	√

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
	equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.		
	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: • suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport; • chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and • storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.		
Water Quality	To minimize the potential water quality impacts from the construction works located at or near the storm system or seafront, the following mitigation measures should be adopted: • the use of less or smaller construction plants may be specified to reduce the disturbance to the seabed; • temporary sewerage system should be designed to prevent wastewater from entering the storm system and sea; • temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from any water courses during carrying out of the construction works; • stockpiling of construction materials and dusty materials should be covered and located away from any water courses; • construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby water receivers; • construction activities, which generate large amount of	Works areas / construction period	Δ

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
	 wastewater, should be carried out in a distance away from the waterfront, where practicable; mitigation measures to control site runoff from entering the nearby water environment should be implemented to minimize water quality impacts. Surface channels should be provided along the edge of the waterfront within the work sites to intercept the runoff; construction effluent, site run-off and sewage should be properly collected and/or treated; proper shoring may need to be erected in order to prevent soil/mud from slipping into the storm culvert/sea; and supervisory staff should be assigned to station on site to closely supervise and monitor the works. 		
Water Quality	If monitoring of the treated effluent quality from the Works Areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the WPCO license which is under the ambit of regional office (RO) of EPD. The contractor should submit detailed monitoring programme to EPD for approval before commencement of the construction activities.	Works areas / construction period	√
Water Quality	Monitoring of the water quality at the seawater intakes inside the ALE sea channel should be conducted.	ALE sea channel / Before construction period and during installation and removal of temporary marine piles.	√
Water Quality	All barges should be fitted with tight seals to their bottom opening to prevent leakage of materials. The decks of all vessels should be kept tidy and free of oil or other substances that might be accidentally or otherwise washed overboard. Loading of barges should be controlled to prevent splashing of materials to the surrounding environment and barges should under no circumstances be filled to a level which would cause overflowing of material or sediment laden water during loading and transportation. All barges should maintain adequate clearance between vessels and the seabed at all states of the tide and	Works areas / construction period	No barge will be required for the project.

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
трасс	should operate at a reduced speeds to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash.		
Water Quality	Connection of sewage generated from the ALE will be connected to the existing public sewer. For handling, treatment and disposal of other operational stage effluent, the practices outlined in ProPECC PN 5/93 should be adopted where applicable. Consensus from DSD should be sought on technical details of the drainage and sewerage proposals.	Project site / design and construction period	Relevant works have yet to be commenced / completed
Construction	Phase	<u> </u>	<u> </u>
Waste	 Recommendations for good site practices during the construction activities include: nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all Wastes generated at the site; training of site personnel in proper waste management and chemical handling procedures; provision of sufficient waste disposal points and regular collection of waste; appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; and regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. 	Work site / during the construction period	Δ
Waste	 Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include: sorting of demolition debris and excavated materials from demolition works to recover reusable/ recyclable portions (ie soil, broken concrete, metal, etc); segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or 	Work site / during the construction period	√

Type of	Environmental Protection Measures	Location/ Timing	Status		
Impact	recycling of materials and their proper disposal; encourage collection of aluminum cans by individual collectors by providing separate labeled bins to enable this waste to be segregated from other general refuse generated by the work force; proper storage and site practices to minimize the potential for damage to contamination of construction materials; and plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste.				
Waste	General Refuse General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	Work site / during the construction period	Δ		
Waste	 Construction and Demolition Material In order to minimize the impact resulting from collection and transportation of C&D material for off-site disposal, the C&D material from the following construction activities should be reused and recycled as far as possible to reduce the net amount of C&D material generated from the Project; a Waste Management Plan should be prepared in accordance with ETWB TCW No. 19/2005; a recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be proposed; in order to monitor the disposal of C&D and solid wastes at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be included. One may make 	Work site / during the construction period			

Type of	Environmental Protection Measures	Location/ Timing	Status
Impact			
	 reference to ETWB TCW No.31/2004 for details; the large amount of C&D waste generated is mainly due to the piling works of large diameter piles' excavation at the sea front site. If however marine sediment is found during pile excavation, the handling and disposal of such wastes will be managed in accordance with the requirements of the DASO and the current ETWB Tech. Circular no. 34/2002. 		
Waste	Chemical Wastes If chemical wastes are produced at the construction site, the Contractor would be required to register with the EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container Indicating the corresponding chemical characteristics of the chemical waste, such as explosives, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the Chemical Waste Treatment Centre at Tsing Yi, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation. For this Project, the amount of chemical wastes produced would be small.	Work site / during the construction period	
Operational Ph	ase		
Waste	General Refuse Similar to the existing situation, the main waste type generated during the operation stage of the Project will be general refuse generated by the public and staff. These include waste paper, food wrappings and beverage containers. The disposal of future waste arisings generated at the HKCEC would follow the existing handling and disposal arrangement. Provided proper	Work site / during the construction period	Measures not required until commencement of operational phase

Type of Impact	Environmental Protection Measures	Location/ Timing	Status			
	arrangements are made with licensed contractors to collect the generated waste, adverse waste-related impact is not anticipated during the operation stage. It is expected that there will be a 5-7% increase ratio in the future operations.					
Construction Ph	ase					
Landscape & Visual	Due consideration of appearance and view to 'hide' the construction through careful use of: (a) hoarding design; (b) temporary partition walls; (c) screen for hotels; and (d) temporary footbridge.	Entire works area and adjacent hotels	√ 			
Landscape & Visual	Due consideration to protect existing trees.	Entire works area	√ ·			
Landscape & Visual	Due consideration of visual impact from construction activities: (a) construction workers access to reach construction areas without passing through hotels and existing HKCEC; and (b) construction light.	Entire works area	√ 			
Operational Pha	l se					
Landscape & Visual	Sensitive soft and hard landscape design for exposed rooftop garden and shady covered area underneath the Atrium Link Extension. Maximize greening opportunity via various in-situ planting and potted planting to achieve 30% of the roof area as planting area for the project.	Roof top and area underneath the Atrium Link Extension	Mitigation measures to be implemented during operational phase			
Landscape & Visual	Sensitive building architecture to visually reduce the bulkiness of the building structure, to visually break down the scale of the facades, and to create rooftops for greening opportunities.	Building of the Atrium Link Extension	Mitigation measures to be implemented during operational phase			
Landscape & Visual	Appearance and view considerations: (a) avoid industrial feel of building service elements;	Entire proposed works and adjacent hotels	Mitigation measures to be implemented during operational phase			

Type of Impact	Environmental Protection Measures	Location/ Timing	Status
	(b) interior visual screens for lower levels of the hotels;(c) consider relocation of facilities of interior spaces of hotels; and(d) careful lighting design at roofs and for building façade to avoid night-time glare.		
Landscape & Visual	Transplanting of trees to adjacent locations.	Convention Avenue	Mitigation measures to be implemented during operational phase
Landscape & Visual	Reinstatement of existing waterfront public footpaths along Convention Avenue and the existing open spaces near Fenwick Street.	Convention Avenue and Fenwick Street	Mitigation measures to be implemented during operational phase

Remark:

- $\sqrt{}$ Compliance of Mitigation Measures
- Compliance of Mitigation but need improvement
- x Non-compliance of Mitigation Measures
- ▲ Non-compliance of Mitigation Measures but rectified by Hip Hing Ngo Kee JV
- Δ Deficiency of Mitigation Measures but rectified by Hip Hing Ngo Kee JV

Annex J

Waste Flow Table

HKCEC – Expansion Project

Name of Project Proponent: HKTDC **Project Commencement Date: 1 Aug 2006 Construction Completion Date: March 2009**

Monthly Summary Waste Flow Table for Year 2007

Year	Actual Quantities of inert C&D Materials (in 10 ³ Kg) ⁽¹⁾⁽²⁾					Actual Quantities of C&D Wastes (in 10 ³ Kg) (4)									
	Total Quantity	Broken Concrete (3)	Reused in the	Reused in other Projects	Disposed as Public Fill	Demolition	Steel	l Materials Demolition	of existing	Paper/cardboard packaging		Chemical Waste (L)		General refuse	Other waste (6)
	Generated	Concrete	Contract	(3)	1 done 1 in		m Link		platform						
	(a)	(b)	(c)	(d)	(a)-(b)-(c)-(d)	Recycle	Disposal	Recycle	Disposal	Recycle	Disposal	Recycle	Disposal	Disposal	Disposal
January	924	462	0.5	0	462	90 (5)	0	0	0	0.2	0.05	0	0	60	80
February	814	110	0.5	0	704	5 (5)	0	0	0	0.2	0.07	0	288	66	55
March	583	66	0.5	0	517	0	0	0	0	0	0.05	0	0	77	33
April	1034	165	0.5	0	867	0	0	0	0	0.4	0.05	0	0	55	44
May	275.5	33	0.5	0	242	10 (5)	0	0	0	0.4	0.04	0	0	55	154
June	1654	0	0	0	1654	50	0	0	0	0.5	0.03	0	0	80	150
July	614	0	0.5	0	613.5	60	0	0	0	0.5	0.04	0	0	85	298
August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	5898.5	836	3.0	0	5059.5	215	0	0	0	2.2	0.33	0	288	478	814

Note:

⁽¹⁾ Inert C&D materials include bricks, concrete, building debris, rubble and excavated soil.
(2) Inert C&D material mainly generated from demolition of atrium link.

Broken concrete for recycling into aggregates.

(4) C&D wastes include steel materials generated from demolition, paper / cardboard packaging waste, chemical waste and other wastes such as general refuse. Wastes other than general refuse will be disposed of at Tsueng Kwan O Area 137 temporary construction waste sorting facility.

(5) Waste from demolition of steel structure at existing Atrium Link of HKCEC (Phase 2).

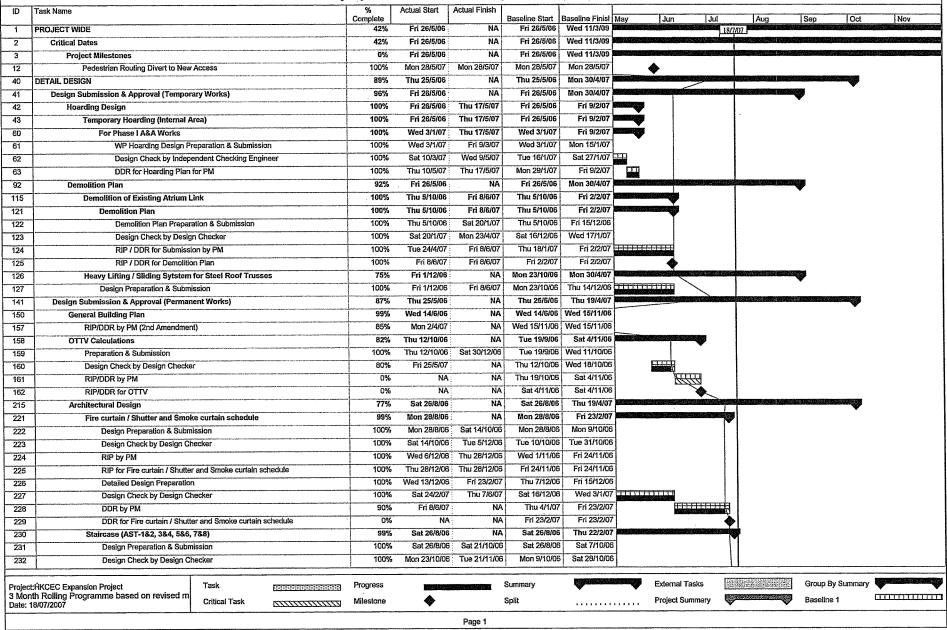
⁽⁶⁾ Wastes include materials associated with additional and alternation (A&A) works of HKCEC (e.g. demolition of E&M equipment and finishing materials, bamboo scaffolding) and piling works.

Annex K

Construction Programme for Next Three Months

Hong Kong Convention and Exhibition Centre Expansion Project

3 Month Rolling Programme based on revised master Programme Rev.1 Updating on 18 July 2007



ID	Task Name	%	Actual Start	Actual Finish			<u> </u>					
233	RIP by PM	Complete 100%	Mon 22/1/07	Fri 26/1/07	Baseline Start Tue 31/10/06	Baseline Finish Thu 23/11/06	May Jun	Jul	Aug	Sep	Oct	Nov
234	RIP for Staircase	100%	Fri 26/1/07	Fri 26/1/07	Thu 23/11/06	I		[18 <i>71</i> 07	<u>U</u>			
235	Detailed Design Preparation	100%	Fri 8/12/06	Sat 23/12/06	Wed 6/12/06	I		- 11				
	- ,		;			1		11				
236	Design Check by Design Checker	100%	Wed 27/12/06	Wed 21/2/07	Fri 15/12/06	Tue 2/1/07		\1				
237	DDR by PM	100%	Thu 22/2/07	Mon 14/5/07	Wed 3/1/07	Thu 22/2/07						
239	Internal Staircase at (A,20 L2-6) (A,18 L7-7M)	93%	Sat 21/10/06	NA Elektron	Sat 26/8/06	Thu 22/2/07		[]				
240	Design Preparation & Submission	100%	Sat 21/10/06	Fri 24/11/06	Sat 26/8/06	Sat 7/10/06						
241	Design Check by Design Checker	100%	Wed 23/5/07	Fri 6/7/07	Mon 9/10/06	1						
242	RIP/DDR by PM	60%	Sat 7/7/07	NA	Wed 3/1/07	Thu 22/2/07			3			
244	External façade Design	94%	Fri 15/9/06	NA	Fri 15/9/06	Fri 22/12/06			•			
245	Design Preparation & Submission	100%	Fri 15/9/06	Thu 9/11/06	Fri 15/9/06	Tue 31/10/06						
246	Design Check by Design Checker	100%	Fri 10/11/06	Sat 27/1/07	Wed 1/11/06	Thu 16/11/06						
247	RIP by PM	100%	Mon 29/1/07	Wed 21/2/07	Fri 17/11/06	1						
248	RIP for External façade Design	100%	Wed 21/2/07	Wed 21/2/07	Thu 30/11/06							
249	Detailed Design Preparation	100%	Tue 2/1/07	Thu 15/2/07	Tue 7/11/06	1						
250	Design Check by Design Checker	100%	Fri 16/2/07	Mon 23/4/07	Fri 1/12/06	Fri 8/12/06		___				
251	DDR for DD Submission by PM	0%	NA :	NA	Sat 9/12/06	Fri 22/12/06]	ح				
252	DDR for External façade Design	0%	NA	NA	Fri 22/12/06	Fri 22/12/06			•			
253	Foyer Floors and Wall at Level 2,5 and 7	49%	Wed 30/5/07	NA	NA	i		Para para panta i				
254	Detailed Design Preparation	90%	Wed 30/5/07	NA	NA	NA	250,500					
255	Design Check by Design Checker	0%	NA :	'NA	NA	NA NA		KILL				
256	RIP/DDR by PM	0%	NA	NA	NA	NA.			83.833			
257	RIP/DDR for Foyer Floors and Wall at Level 2,5 and 7	0%	NA :	NA	NA	NA	1		•			
258	Feature Wall at Level 2 Foyer	8%	Fri 13/7/07	NA	NA	NA			palayastangung 1973			
259	Detailed Design Preparation	15%	Fri 13/7/07	NA	NA	NA NA		u	THILL.			
260	Design Check by Design Checker	0%	NA	NA	NA NA	. NA			T.	Ħ		
261	RIP/DDR by PM	0%	NA:	NA	NA	. NA	1					
262	RIP/DDR for Feature Wall at Level 2 Foyer	0%	NA	NA	NA	NA NA		1		•		
263	Lift Lobbies at Level 2,3,5,6,7 and 7M	27%	Thu 28/6/07	NA	NA	NA		Water San	Spedition of 4948	and the same of th		
264	Detailed Design Preparation	50%	Thu 28/6/07	NA	NA.	NA NA				•		
265	Design Check by Design Checker	0%	NA	NA	NA NA	NA NA	1	1	 			
266	RIP/DDR by PM	0%	NA	NA	NA NA	, NA		1	Į.			
267	RIP/DDR for Lift Lobbies at Level 2,3,5,6,7 and 7M	0%	NA	-NA	NA NA	NA NA		[]	-	•		
268	Foyer Floor and Walls at Level 3 and 6, Interior of Dressing Rm	0%	NA	NA	NA NA	NA NA		11	ignation and	Legacing and a species	169	
269	Detailed Design Preparation	0%	NA	NA	NA NA	NA NA				 	•	
270	Design Check by Design Checker	0%	NA	NA	N/A	N/A			********			
271	RIP/DDR by PM	0%	NA	NA	NA NA	NA NA				77777	Ţ.	
272	RIP/DDR for Foyer Floor and Walls at Level 3 and 6, Interior of Dressing Ri	0%	NA	NA	NA NA	N/A				Parasie:	-	
273	Internal Aluminium Cladding	39%	Thu 7/6/07	NA	NA NA	NA NA		\$5.00 \ 0.00 \ 2	6.0kga. voj9366		₩	
274	Detailed Design Preparation	90%	Thu 7/6/07	NA	NA NA	NA NA				•		
275	Design Check by Design Checker	0%	NA	. NA	NA NA	N/A		T.	<i></i>			
276	RIP/DDR by PM	0%	NA	NA	1	l .		. 122		223		
								- Lesson	2623000162000000000000	I a		
3 Mont	HKCEC Expansion Project Task EXCENSION Project h Rolling Programme based on revised m	Progress			Summary	A	External Series 4.6			Group By S		
	3/07/2007 Critical Task	Milestone	•		Split		,,,,,, Project 8	Summary 💝		Baseline 1	ı	

277 278 279 280 281	RIP/DDR for Internal Aluminium Cladding	Complete 0%			Baseline Start	Baseline Finisi	
279 280	Para affected as the salar	070	NA :	NA	NA	NA	187/07
280	Foyer reflected ceiling plan	69%	Thu 31/5/07	NA	NA	NA	
	Detailed Design Preparation	100%	Thu 31/5/07	Fri 6/7/07	NA	NA	
281	Design Check by Design Checker	60%	Sat 7/7/07	NA	· NA	NA	
	RIP by PM	0%	· NA	NA	NA	NA	
282	RIP for Foyer reflected ceiling plan	0%	NA	NA	NA	NA	
283	Two Male, Two Female and Baby Room	69%	Wed 30/5/07	NA	NA	NA	
284	Detailed Design Preparation	100%	Wed 30/5/07	Thu 5/7/07	NA	NA NA	
285	Design Check by Design Checker	65%	Fri 6/7/07	NA	NA	NA	
286	RIP/DDR by PM	0%	NA	NA NA	NA	NA	
287	RIP/DDR for Two Male, Two Female and Baby Room	0%	NA :	NA	NA	NA	
268	Remaining Washrooms	0%	NA	NA	NA	NA	
289	Detailed Design Preparation	0%	NA	NA	NA	NA	
290	Design Check by Design Checker	0%	NA:	NA	NA	NA	
291	RIP/DDR by PM	0%	NA:	NA	NA	NA.	
292	RIP/DDR for Remaining Washrooms	0%	NA:	NA	NA	NA NA	_
293	Exhibition Halls / Service Counters and Organiser's Offices	100%	Fri 29/9/06	Fri 9/2/07	Fri 29/9/06	Sat 31/3/07	
294	Design Preparation & Submission	100%	Fri 29/9/06	i	Fri 29/9/06	Sat 11/11/06	
295	Design Check by Design Checker	100%	Wed 15/11/06	Fri 12/1/07	Mon 13/11/06	Sat 2/12/06	
296	RIP by PM	100%	Sat 13/1/07	Frì 9/2/07	Mon 4/12/06	Fri 29/12/06	
297	RIP for Exhibition Halls / Service Counters and Organiser's Offices	100%	Fri 9/2/07	Fri 9/2/07	Fri 29/12/06	Fri 29/12/06	
298	Service Counters and Organiser's Offices	85%	Wed 21/2/07	NA	NA	NA.	_1
299	Detailed Design Preparation	100%	Wed 21/2/07	Mon 7/5/07	NA	1	
300	Design Check by Design Checker	90%	Tue 8/5/07	NA	NA	1	
301	DDR by PM	0%	NA NA	NA NA	NA	1	34 - Control of the C
302	DDR for Service Counters and Organiser's Offices	0%	NA NA	·	NA	1	ا الشاعة المتعلقة الم
303	Exhibition Halls	52%	Wed 30/5/07	NA NA	NA NA	NA.	_
304	Detailed Design Preparation	100%	Wed 30/5/07	Thu 5/7/07	NA NA	NA.	
305	Design Check by Design Checker	0%	NA NA	<u> </u>	NA.	į .	Section (State) and section ()
306	DDR by PM	0%	NA.		NA	1	1 <u>\$25553</u>
307	DDR for Exhibition Halls	0%	NA NA	: 1	NA.	ŧ	
308	Hall Entrances of Level 2, 5 and 7	36%	Thu 14/6/07	NA	NA NA	L	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
309	Detailed Design Preparation	70%	Thu 14/6/07		NA.	1	_ •
		0%	NA NA	i	NA NA	1	
310 311	Design Check by Design Checker DDR by PM	0%	NA NA		NA NA	1	
	DDR for Hall Entrances of Level 2, 5 and 7	0%	NA NA	- 1	NA NA	1	
312 313	Food Concession Area	17%	Thu 14/6/07	:I	NA NA	1	_
313	Design Preparation & Submission	60%	Thu 14/6/07	·	NA NA	ì	V
315	Design Preparation & Submission Design Check by Design Checker	0%	NA		NA NA	1	######################################
		0%	NA NA	:	NA NA	.1	
316	RIP by PM	0%	NA NA	:	NA NA		
317	RIP for Food Concession Area	0%			NA NA	ł	
318	Detailed Design Preparation	1 0%	NA	: NA	NA	NA NA	A Julian Line Control of the Control
roject:l	IKCEC Expansion Project Task Expansion Project	Progress	Jan 18 and 18	***************************************	Summary	za zako	External Tasks Group By Summary
i Monti Date: 18	Rolling Programme based on revised m Critical Task Critical Task	Milestone		\$	Split		Project Summary Baseline 1

ID	Task Name	% Complete	Actual Start	Actual Finish	Baseline Start	Baseline Finisl	May Jun Jui	Aug	Sep Oct	Nov
19	Design Check by Design Checker	0%	NA :	NA	NA	NA			11-F 25-3-8	
20	DDR by PM	0%	NA:	NA	NA	NA NA	1	11		
321	DDR for Food Concession Area	0%	. NA	NA	NA	NA.		/ 1	•	
322	Door schedule (incl. sliding and acoustic doors)	95%	Sat 30/9/06	NA	· Sat 30/9/06	Mon 2/4/07	pe <mark>l</mark> (Partice)		•	
323	Design Preparation & Submission	100%	Sat 30/9/06	Wed 29/11/06	Sat 30/9/06	Man 13/11/06				
324	Design Check by Design Checker	100%	Tue 14/11/06	Mon 29/1/07	Tue 14/11/06	Mon 4/12/06				
325	RIP by PM	100%	Wed 31/1/07	Tue 27/2/07	Tue 5/12/06	Sat 30/12/06				
326	RIP for Door schedule	100%	Tue 27/2/07	Tue 27/2/07	Sat 30/12/06	Sat 30/12/06				
327	Detailed Design Preparation	100%	Mon 15/1/07	Tue 19/6/07	Sat 13/1/07	Mon 22/1/07				
328	Design Check by Design Checker	80%	Wed 20/6/07	NA	Tue 23/1/07	Tue 6/2/07		無		
329	DDR by PM	0%	NA	NA	Wed 7/2/07	Mon 2/4/07		The second		
330	DDR for Door schedule	0%	NA	NA	Mon 2/4/07	Mon 2/4/07		417		
331	Ironmongery schedule	71%	Wed 3/1/07	NA	NA	NA	or programme of the foreign of the first		anana kamana ka	
332	Design Preparation & Submission	100%	Wed 3/1/07	Tue 6/2/07	NA.	NA			•	
333	Design Check by Design Checker	100%	Wed 7/2/07	Mon 19/3/07	NA.	NA NA				
334	RIP by PM	100%	Tue 20/3/07	Fri 29/6/07	NA.	NA.				
335	RIP for Ironmongery schedule	100%	Fri 29/6/07	Fri 29/6/07	NA.	1				
336	Detailed Design Preparation	30%	Sat 30/6/07	NA	NA NA					
337	Design Check by Design Checker	0%	NA	NA	NA NA	NA.		1	SS: 23	
338	DDR by PM	0%	NA	NA	NA.	1		//	(111111)	
339	DDR for Ironmongery schedule	0%	NA	NA NA	NA NA			/1		
340	Maintenance access system - Gondola	88%	Wed 4/10/06	NA NA	Wed 4/10/06	1			•	
341	Design Preparation & Submission	100%	Wed 4/10/06		Wed 4/10/06	1		•	7	
342	Design Check by Design Checker	100%	Thu 2/11/06	Wed 3/1/07	Thu 16/11/06	.L				
343	RIP by PM	100%	Thu 4/1/07		Thu 7/12/06	L		11		
344	RIP for Maintenance access system	100%	Wed 31/1/07		Wed 3/1/07	1				
345	Detailed Design Preparation	95%	Thu 1/2/07	NA NA	Tue 16/1/07					
346	Design Check by Design Checker	0%	NA NA	:	Thu 25/1/07	1				
347	DDR by PM	0%	NA NA	<u> </u>	!	.!	-		•	
348	DDR for Maintenance access system	0%	NA NA	:	Thu 5/4/07	.I	-			
349	Maintenance access system - Catwalks	77%	Wed 16/5/07	NA NA	NA NA	1	Section in the Assessment Section (7	
		100%		Wed 20/6/07	NA NA	1				
350	Detailed Design Preparation	95%	Thu 21/6/07	: Wed 20/0/0/	1	I		. 		
351	Design Check by Design Checker	L	NA		1	i				
352	RIP/DDR by PM	0%	NA NA	i	1	_1				
353	RIP/DDR for Maintenance access system / Catwalks				1	i	_1			
354	Acoustic Operable Partition	97%	Mon 25/9/06	:	i	<u> </u>	_l	T		
355	Design Preparation & Submission	100%	Mon 25/9/06	Fri 27/10/06 Mon 20/11/06	1		_1			
356	Design Check by Design Checker			<u>:</u>	1	1				
357	RIP by PM	100%	Wed 29/11/06		!	1				
358	RIP for Acoustic Operable Partition	100%	Fri 15/12/06	·	1	1	_1			
359	Detailed Design Preparation	100%	Mon 18/12/06		1	1	_j			
360	Design Check by Design Checker	100%	Tue 24/4/07	Tue 5/6/07	Mon 29/1/07	Mon 12/2/07	<u> </u>	<u></u>		
	HKCFC Expansion Project Task	Progress			Summary	e zaroje se si	External Tasks		Group By Summary	e e e e e e e e e e e e e e e e e e e
Mon	th Rolling Programme based on revised m	-	(0.60 pt 40 pt		•		Broinet Cummon	200000000000000000000000000000000000000		
)ate: 1	8/07/2007 Critical Task	Milestone			Split		Project Summary		- baseline i	

			3 Month Rolling	Programme	oased on revisi	ed master Prog	ramme Rev.1	updating on 18	July 2007						
ID	Task Name			% Complete	Actual Start	Actual Finish	Baseline Start	Baseline Finisi	May	Jun	Jul	Aug	16	10-1	181
61	DDR Acoustic Operable Pa	artition by PM		80%	Wed 6/6/07	NA	Tue 13/2/07	Mon 9/4/07	iviay	Jun	18/7/07	[Aug	Sep	Oct	Nov
362	DDR for Acoustic Operable	Partition	ev-manuscription and a second distribution a	0%	NA	NA	Mon 9/4/07	Mon 9/4/07		553/95nicol/(#2	10/11/07				
363	Roofing and waterproofing sy	stem		99%	Wed 27/12/06	NA	Wed 15/11/06	Mon 29/1/07	4348 April 631 Sec	niskopyrenicija nejst					
364	Detailed Design Preparation	π	and the second section of the second	100%	Wed 27/12/06	Mon 8/1/07	Wed 15/11/06	Thu 23/11/06							
365	Design Check by Design C	hecker		100%	Sat 12/5/07	Tue 26/6/07	Fri 24/11/06	Fri 8/12/06			× 1				
366	DDR for Roofing and water	proofing system by PM		95%	Wed 27/6/07	NA	Sat 9/12/06	Mon 29/1/07	Marcal Company	pa 6 Ohrowensky					
367	DDR for Roofing and water	proofing system		0%	NA	NA	Mon 29/1/07	Mon 29/1/07			NAME OF TAXABLE PARTY.				
368	Glass Balustrade/Metal Railin	9		93%	Thu 26/10/06	NA	Sat 18/11/06	Thu 1/2/07	ala para de la composición dela composición de la composición dela composición de la						
369	Design Preparation			100%	Thu 26/10/06	Sat 2/12/06	Sat 18/11/06	Mon 27/11/06				•			
370	Design Check by Design C	hecker		100%	Sat 2/12/06	Mon 15/1/07	Tue 28/11/06	Tue 12/12/06							
371	RIP for Glass Balustrade /	Metal Railing by PM		100%	Tue 16/1/07	Tue 6/2/07	Wed 13/12/06	Thu 1/2/07							
372	RIP by PM	***************************************	**************************************	100%	Tue 6/2/07	Tue 6/2/07	NA.	NA							
373	DDR for Detailed Design P	reparation	· · · · · · · · · · · · · · · · · · ·	100%	Wed 7/2/07	Tue 5/6/07	Thu 1/2/07			EB					
374	Design Check by Design C	·		90%	Tue 5/6/07	NA	Tue 28/11/06	Tue 12/12/06	Darabeau Yanaba						
375	DDR by PM			0%	NA	NA NA	Wed 13/12/06	Thu 1/2/07							
376	DDR for Glass Balustrade	/ Metal Railing		0%	NA.	NA NA	Thu 1/2/07	Thu 1/2/07			/5	ZZZ			
397	A&A Works Details for Phase		Slahl	75%	Mon 19/3/07	NA NA	Sat 2/12/06	Thu 15/2/07	NESCONANCE CONTRACTOR	ang					
398	Detailed Design Preparatio		<u> </u>	90%	Mon 19/3/07	NA NA	Sat 2/12/06								
399	Design Check by Design C			0%	NA:	NA NA	Tue 12/12/06	Thu 28/12/06			77				
400	DDR for Detailed Design P			0%	NA.	NA NA	Fri 29/12/06	Thu 15/2/07							
401	DDR for Detailed Design P			0%	NA:	NA NA	Thu 15/2/07	Thu 15/2/07				EZZZ			
402	Lift Car Interiors and Lift Land			66%	Fri 12/1/07	NA NA	1110 15/2/07 NA	1110 13/2/07 NA	and the second state of the second			•			
403	Design Preparation & Subr			100%	Fri 12/1/07	Tue 12/6/07	NA NA	NA NA		177777	\	- State Silvers and Control of the Control			
404	Design Check by Design C			90%	Wed 13/6/07	NA	NA NA	NA NA	Harry Walter	COLUMN TO SERVICE STATE OF THE					
405	RIP by PM	NICOUCI		0%	NA	NA NA	NA NA	NA NA							
406	RIP for Lift Car Interiors an	od I ift I onding		0%	NA NA	NA NA	NA NA	, NA NA			/	epepera T			
407	Detailed Design Preparation			0%	NA NA	. NA	NA NA	NA NA			/				
408	Design Check by Design C			0%	NA NA			i							
409	DDR by PM	YIECKOI		0%	NA NA	NA NA	NA NA	NA			\	<u> Habbab</u>			
410	DDR for Lift Car Interiors a	nod I iff I modine	an farfada a del a segui, a de a casa para persona a casa casa de a de a casa de a casa de a casa de a casa de	0%				NA NA			\				
411	Miscellanous Details	ind Litt Canding		1	NA E-1 04407	NA NA	NA.	NA							
412	Steel & Metal Works (Tx.	P1	-4-1	54% 47%	Fri 6/4/07 Thu 14/6/07	NA	NA	NA NA	200000-2008-00000						
412		*	etc)	1		NA	NA	NA				R-BONCONSTRUCTOR	7		
	Detailed Design Prepare			90%	Thu 14/6/07	NA NA	NA	NA							
414 415	Design Check by Des RIP/DDR for Steel & N			0%	NA NA	NA	NA	NA							
	<u>}</u>			1	NA	NA	NA NA	NA NA	ļ		Į.				
416	RIP/DDR for Steel & N		*************************************	0%	NA NA	NA	NA						•		
417	Disabled guide paths & D			71%	Thu 31/5/07	NA PLACTOR	NA	NA							
418	Detailed Design Preparation			100%	Thu 31/5/07	Fri 6/7/07	NA	NA.	1						
419	Design Check by Des			80%	Sat 7/7/07	NA	NA	NA	1			<u> </u>			
420	<u> </u>	l guide paths & Details I	by PM	0%	NA	NA	NA	NA NA			/1	22322			
421		l guide paths & Details		0%	NA	NA	NA	NA	İ		/	•			
422	Carpark, Driveway/loadin	ng and unloading area	S	41%	Thu 14/6/07	NA	NA	NA NA		V		w.cet/orderediany	7		
rolect:	:HKCEC Expansion Project	Task		Progress			Summary	Managagaga	FV FV	demal Tasks	\$ 1988E		Group B	Summary	zokide##Kuispe
Mont	th Rolling Programme based on revised m 8/07/2007			Milestone	A DESCRIPTION OF THE PERSON OF		Split	*******	n.	oject Summa			Baseline	· -	
		<u> </u>	Krrrrrrr				•	* * * * * * * * * * * * * * * * * * * *						-	

Hong Kong Convention and Exhibition Centre **Expansion Project** 3 Month Rolling Programme based on revised master Programme Rev.1 Updating on 18 July 2007 Actual Start Actual Finish Baseline Start Baseline Finisi May Complete Jun Jul Detailed Design Preparation 80% Thu 14/6/07 NA Design Check by Design Checker 0% NA NA NA NA RIP/DDR for Carpark, Driveway/loading and unloading areas by PM 0% NA NA NA NA

ID Task Name Aug Sep Oct Nov 423 18/7/07 424 425 426 RIP/DDR for Carpark, Driveway/loading and unloading areas 0% NA NA NA NA 427 Expansion Joint and wall expansion details for Ph I & II 63% Fri 6/4/07 NA NA NA 428 Design Preparation & Submission 100% Fri 6/4/07 Fri 11/5/07 NA NA III 429 Design Check by Design Checker 100% Sat 12/5/07 NA Fri 6/7/07 NA 430 RIP by PM 40% Sat 7/7/07 NA NA 431 RIP for Expansion Joint 0% NA NA NA NA 432 Detailed Design Preparation 0% NA NA NA NA 433 Design Check by Design Checker 0% NA NA NA NA 434 DDR for Expansion Joint by PM 0% NA NA NA NA 435 DDR for Expansion Joint 0% NA NA NA NA 436 Internal Dry wall Partition Details 47% Thu 14/6/07 NA NA NA 437 Detailed Design Preparation ÑĀ 90% Thu 14/6/07 NA NA 438 Design Check by Design Checker 0% NA NA NA NA 439 RIP/DDR for Internal Dry wall Partition Details by PM 0% NA NA NA NA 440 RIP/DDR for Internal Dry wall Partition Details 0% NA NA NA NA 441 Fixture furniture design & service counver detail NA 44% Thu 14/6/07 NA NA 442 Detailed Design Preparation 85% Thu 14/6/07 NA NA NA 1111111111 443 Design Check by Design Checker 0% NA NA NA NA 444 RIP/DDR for Fixture furniture design & service counyer detail by PM 0% NA NA NA NA 445 RIP/DDR for Fixture furniture design & service counyer detail 0% NA NA NA NA 455 Builder's work for escalators (remaining) 47% Thu 14/6/07 NA NA NA 456 Detailed Design Preparation 90% Thu 14/6/07 NA NA NA HILLERIA 457 Design Check by Design Checker 0% NA: NA NA NA 458 RIP/DDR for Builder's work for escalators (remaining) by PM NA 0% NA NA NA 459 RIP/DDR for Builder's work for escalators (remaining) 0% NA NA NA NA 460 Structural Design NA 95% Fri 26/5/06 Fri 26/5/06 Fri 2/2/07 467 Details Design Review Wed 7/6/06 NA Wed 7/6/06 Fri 2/2/07 95% 488 Floor Structure (Remaining Area) Fri 13/10/06 : 100% Tue 22/5/07 Fri 13/10/06 Thu 18/1/07 489 Detailed Design Preparation 100% Fri 13/10/06 Thu 22/2/07 Fri 13/10/06 Sat 16/12/06 490 Design Check by Design Checker 100% Fri 23/2/07 Thu 10/5/07 Mon 18/12/06 Wed 3/1/07 491 DDR Submission by PM 100% Fri 11/5/07 Tue 22/5/07 Thu 4/1/07 Thu 18/1/07 492 Thu 18/1/07 DDR for Structural Plan 100% Tue 22/5/07 Tue 22/5/07 Thu 18/1/07 514 Stage 3 A&A Works Modification of Existing Atrium Link Structure 93% Fri 17/11/06 Fri 17/11/06 Sat 27/1/07 515 Detailed Design Preparation 100% Fri 29/12/06 Fri 17/11/06 : Mon 12/2/07 Fri 17/11/06 516 Design Check by Design Checker 100% Tue 13/2/07 Fri 8/6/07 Sat 30/12/06 Sat 13/1/07 517 RIP/DDR Submission by PM 0% NA NA Mon 15/1/07 Sat 27/1/07 518 RIP/DDR for Structural Plan 0% NA NA Sat 27/1/07 Sat 27/1/07 519 A&A Works at Phase 2 Building Fri 2/2/07 98% NA Fri 10/11/06 Sat 20/1/07 520 **Detailed Design Preparation** 100% Fri 2/2/07 Tue 13/3/07 Fri 10/11/06 | Wed 20/12/06 Project:HKCEC Expansion Project Task Progress Summary External Tasks 2004036-000000 Group By Summary PROGRESS SERVICES 3 Month Rolling Programme based on revised m Critical Task Milestone Split **Project Summary** Date: 18/07/2007 Baseline 1 Page 6

iD												
,	Task Name	. % Complete	Actual Start	Actual Finish	Baseline Start	Baseline Finisl	May Jun	Jul	Aug	Sep	Oct	Nov
521	Design Check by Design Checker	100%	Tue 13/3/07	Sat 14/4/07	Thu 21/12/06	Sat 6/1/07		LJUI	IAUS	Loch) UGL	INOA
522	RIP/DDR Submission by PM	90%	Mon 16/4/07	NA	Mon 8/1/07	Sat 20/1/07	_					
523	RIP/DDR for Structural Plan	0%	NA:	NA	Sat 20/1/07	Sat 20/1/07						
524	BS Design	96%	Wed 14/6/06	NA	Wed 14/6/06	Tue 2/1/07	ita Belevitan Andria					
525	BS - HVAC	94%	Fri 14/7/06	NA	Fri 14/7/06	Tue 2/1/07	DATE AND SHORE THE SECOND					
537	Details Design Review	83%	Tue 5/9/06	NA	Tue 5/9/06	Tue 2/1/07		2000E				
538	Detailed Design Preparation	100%	Tue 5/9/06	Sat 25/11/06	Tue 5/9/06	Mon 13/11/06		•				
539	Design Check by Design Checker	99%	Wed 9/5/07	NA	Tue 14/11/06	Mon 11/12/06						
540	DDR for HVAC Submission by PM	0%	NA	NA	Tue 12/12/06	Tue 2/1/07	TT.	-				
541	DDR for HVAC	0%	NA	NA	Tue 2/1/07	Tue 2/1/07	977	777				
542	BS - Electrical	93%	Fri 28/7/06	NA	Fri 28/7/06	Fri 29/12/06		•				
554	Details Design Review	84%	Mon 25/9/06	NA	Tue 22/8/06	Fri 29/12/06						
555	Detailed Design Preparation	100%	Mon 25/9/06	Fri 22/12/06	Tue 22/8/06	Thu 9/11/06						
556	Design Check by Design Checker	99%	Thu 28/12/06	NA	Fri 10/11/06	Fri 8/12/06						
557	DDR for Electrical Submission by PM	0%	NA	NA	Sat 9/12/06	Fri 29/12/06			1			
558	DDR for Electrical	0%	NA	NA	Fri 29/12/06	Fri 29/12/06						
585	BS - Plumbing and Drainage	100%	Tue 20/6/06	Fri 15/6/07	Tue 20/6/06	Tue 2/1/07	<u>1521,a contrato frontesso apple</u>		1			
597	Details Design Review	100%	Tue 7/11/06	Fri 15/6/07	Wed 30/8/06	Tue 2/1/07	reproductive and light					
598	Detailed Design Preparation	100%	Tue 7/11/06	Fri 22/12/06	Wed 30/8/06	Mon 13/11/06	•		1			
599	Design Check by Design Checker	100%	Wed 27/12/06	Wed 7/2/07	Tue 14/11/06	Mon 11/12/06						
600	DDR for Plumbing and Drainage Submission by PM	100%	Thu 8/2/07	Fri 15/6/07	Tue 12/12/06	Tue 2/1/07						
601	DDR for Plumbing and Drainage	100%	Fri 15/6/07	Fri 15/6/07	Tue 2/1/07	Tue 2/1/07	A					
649	Procurement	22%	Fri 26/5/06	NA	Fri 26/5/06	Mon 28/4/08	The Mark Street and Control Street Street	CPLANCETER OF	400100000000000000000000000000000000000	BARGAR LARROR	SACTOR STATE	participal de la competada
650	Specialist Package	22%	Fri 26/5/06	NA	Fri 26/5/06	Mon 28/4/08	and State and Automotive (Sta	THE STREET	down or the sec	chodismosto dienos	e procession as a security	Resultable franci
651	Heavy Lifting for Steel Roof Trusses	53%	Mon 2/4/07	NA	Wed 20/12/06	Tue 10/7/07	Mark Alexandra (Alexandra)	N=05(3=900		ara an machan	on a second second	
652	Slide Beam/Lifting Frame/Strand Jack/Temporary Works	53%	Mon 2/4/07	NA	Wed 20/12/06	Tue 10/7/07	No a Nakacija se kryga se kryata	AMENAGORAN	inggaran	Walang projection		
653	Procure Materials for Heavy Lifting System	75%	Mon 2/4/07	NA	Wed 20/12/06	Thu 26/4/07			du		•	
654	Procure Materials for Slide Beams & Tie Beams	75%	Mon 2/4/07	NA	Wed 20/12/06	Thu 26/4/07			<u> </u>			
655	Pre-fabrication of Slide Beams and Tie Beams	5%	Wed 27/6/07	NA	Mon 19/3/07	Tue 10/7/07			لتتنتئن	oppoppi		
681	Structural Steel Works	61%	Wed 7/6/06	NA	Wed 7/6/06	Thu 22/11/07		### 7777	Ammin	<i></i>	7777777	
682	Place Ordering of Materials from Steel Mills	100%	Wed 7/6/06	Thu 29/6/06	Wed 7/6/06	Thu 29/6/06						
683	Material Procurement & Delivery	68%	Wed 7/6/06	NA	Wed 7/6/06	Mon 2/4/07			1			
684	Shop Drawing Submission & Approval	69%	Fri 13/10/06	NA	Tue 10/10/06	Fri 1/12/06						
685	First Delivery to Fabrication Yards	100%	Fri 1/12/06	Fri 1/12/06	Fri 1/12/06	Fri 1/12/06						
686	Fabrication of Structural Steel Works	10%	Fri 1/12/06	NA	Fri 1/12/06	Thu 22/11/07	-					
689	Curtain Wall / Cladding	5%	Fri 20/4/07	NA	Fri 1/12/06	Sat 17/11/07	1000 mar 1500 days a consequence	a a commencial	SAMP PRODUCTION	er Errettig at estiger	nest (Mile) de profe	sensologi (delka).
690	Subletting preparation (based on DDR submission)	80%	Fri 20/4/07	NA	Fri 1/12/06	Mon 8/1/07						
691	Shop Drawing Submission & Approval	0%	NA	NA NA	Tue 9/1/07	Mon 5/3/07	THE STATE OF THE S	/////////////////////////////////////	da 🖠			
692	Visual and Performance Mock Up Test	0%	NA	NA	Tue 6/3/07	Mon 21/5/07	annin.		T	######	(
693	Production & Delivery of Frames/Panels for west façade	0%	NA	NA	Tue 22/5/07	Sat 17/11/07			1,,,,,,,,,,,			,,,,,,,,,,,,,,,
697	M & E Long - Lead Items	0%	NA	NA	Fri 23/3/07	Wed 12/3/08	zirinteleksin zahalbilinga ana.	establish ens	olikali est jade idel Aus	Signification (Sept. 1987)	777777	
698	MVAC Equipment Procurement	0%	NA	NA	Thu 26/4/07	Thu 29/11/07	'			無	#####	<i>.</i>
	WOTO Francis Colored							. 1555	~****************			
rroject;	HKCEC Expansion Project Task EXCESSESSESSES IN Rolling Programme based on revised m	Progress	2000,040,040		lummary	Construction of the Party of th	External Ta	sks 🌃		Group By	Summary 1	and the second of the second
3 Mont	777/2007 Critical Task	Milestone			plit		Project Sum	E0	CONTROL STATE	Baseline	, —	

Electrical Equipment	
Life & Escalator Procurement & Delivery	
Gondola Procurational O% NA NA Fi 23/307 Man 24/307	
Bearing for Steel Truss 30% The 12/1006 NA Fri 20/1006 NA The 12/1006 NA The 12/1006 NA The 12/1007 NA The 12/1008 NA NA NA NA NA NA NA N	
Bearing for Steel Truss 30% The 12/1006 NA Fri 20/1006 NA The 12/1006 NA The 12/1006 NA The 12/1007 NA The 12/1008 NA NA NA NA NA NA NA N	
Descript Procurent and Delivery(2/11) 15% Fri 20/10/06 NA Tue 7/11/05 Thu 9/2/07	
Contractor Submission 26% Thu 25/5/06	
CSWD / CBWD CSWD / CBWD O% NA NA NA Wed 3/1/07 Tue 5/8/08	
CSW/CEW Submission/Comment/Re-submit/Approval 0% NA NA NA Wed 3/1/07 Thu 31/1/08 Review of Strucutral Plan for Building Services 0% NA NA NA NA NA NA NA NA 1/1/07 Thu 31/1/08 Thu 5/8/08 NA NA Sat 1/03/07 NA	
CSW/CEW Submission/Comment/Re-submit/Approval O% NA NA NA Wed 3/1/07 Thu 31/1/08 Review of Strucutral Plan for Bullding Services O% NA	valle iz Minere PSERS problem Viljestic
Review of Structural Plan for Building Services 0% NA NA NA NA Dec 24/107 Tru 31/1/108	
Shop Drawing Submission/Comment/Re-submit/Approval 0% NA NA Sat 10/3/07 Tue 5/8/08	
17% Mon 19/6/06 NA Mon 19/6/06 NA Mon 19/6/06 MA Mon 19/6/06 MA Mon 19/6/06 MA Mon 19/6/06 MA Mon 26/7/08 MA Mon 26/7/08 MA Mon 26/7/08 MA Mon 26/7/08 MA Mon 7/5/07 Mon 26/7/08 Man 27/12/08 Man 27/12/09 Man 27	
A & A Works to Existing HKCEC Phase 1 and 2 37% Wed 26/7/06 NA Wed 26/7/06 Wed 29/10/08	
770 A & A Works to HKCEC Phase 1 21% Wed 27/12/06 NA Mon 7/5/07 Wed 29/10/08	STATE OF SERVICE OF SERVICE SERVICES OF SERVICES AND SERVICES OF S
For Escalator relocation at Pedestrian Tunnel Phase 100% Wed 27/12/06 Fri 25/5/07 NA NA NA NA NA NA NA N	
Structural modification for new escalator pits at level 10.4	
HK CEC Phase 1 - New Atrium Link Connection 11% Mon 30/4/07 NA Mon 7/5/07 Wed 29/10/08 Erect Internal Hoarding (G.L. 25/A1-A) 100% Mon 30/4/07 Mon 18/6/07 Mon 7/5/07 Sat 23/6/07 Sat 23/6/07 Fri 22/6/07 NA Mon 25/6/07 Mon 30/7/07 Mon 36/9/07 Termination for Existing E&M Services 0% NA NA Tue 31/7/07 Mon 3/9/07 Mon 3/9/07 Modification Works for Existing Structure 0% NA NA Tue 7/8/07 Mon 3/9/07 Fri 21/9/07 Mon 3/9/07 HKCEC Phase 2 65% Wed 26/7/08 NA Wed 26/7/06 Fri 21/9/07 HKCEC Phase 2 Area (Grid A1/14-16, level2) for Pedestrian diversion 100% Sat 17/2/07 Thu 26/6/07 Mon 26/2/07 Tue 3/4/07 Fri 29/6/07 Mon 26/2/07 Sat 10/3/07 Fremination for Existing E&M Services 100% Wed 13/6/07 Tue 19/6/07 Wed 17/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Tue 3/4/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Tue 3/4/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Wed 23/1/08 Permination for Existing External Façade 100% Wed 13/6/07 NA Wed 14/3/07 Wed 23/1/08 Permination for Existing Eastern Glass Wall 87% Fri 4/5/07 NA Fri 4/5/07 Mon 25/6/07 Mon	
### Frect Internal Hoarding (G.L. 25/A1-A) ### 100% Mon 30/4/07 Mon 18/6/07 Mon 7/5/07 Sat 23/6/07 Mon 30/7/07 Remove Existing Internal Finishes & Feature ### 70% Fri 22/6/07 NA Mon 25/6/07 Mon 30/7/07 Mon 30/7/07 Mon 39/07 Mon 39/07 Mon 39/07 Mon 39/07 Mon 39/07 Mon 39/07 Mon Mon Mon Sexisting E&M Services ### 100% NA NA Tue 31/7/07 Mon 39/07 Mon 39/	
Remove Existing Internal Finishes & Feature 70% Fri 22/6/07 NA Mon 25/6/07 Mon 30/7/07	
Termination for Existing E&M Services 0% NA NA Tue 31/7/07 Mon 3/9/07	
777 Modification Works for Existing Structure 0% NA NA NA Tue 7/8/07 Mon 3/9/07	
A & A Works to HKCEC Phase 2 65% Wed 26/7/06 NA Wed 26/7/06 Fri 21/9/07	
HKCEC Phase 2 Area (Grid A1/14-16, level2) for Pedestrian diversion 100% Sat 17/2/07 Thu 28/6/07 Mon 26/2/07 Tue 3/4/07	
Fred Internal Hoarding 100% Tue 29/5/07 Tue 12/6/07 Mon 26/2/07 Sat 10/3/07	•
Remove Existing Finishes & Feature 100% Wed 13/6/07 Tue 19/6/07 Mon 12/3/07 Sat 17/3/07	
Termination for Existing E&M Services 100% Sat 17/2/07 Tue 12/6/07 Wed 7/3/07 Wed 14/3/07 Wed 14/3/07 Wed 14/3/07 Tue 3/4/07 Wed 14/3/07 Tue 3/4/07 Tu	
800 Modification Works for External Façade 100% Wed 13/6/07 Thu 28/6/07 Thu 15/3/07 Tue 3/4/07 823 Demolition of Existing Artrium Link 68% Wed 14/3/07 NA Wed 14/3/07 Wed 23/1/08 824 Removal Existing Eastern Glass Wall 87% Fri 4/5/07 NA Fri 4/5/07 Mon 25/6/07	
823 Demolition of Existing Artrium Link 68% Wed 14/3/07 NA Wed 14/3/07 Wed 23/1/08 824 Removal Existing Eastern Glass Wall 87% Fri 4/5/07 NA Fri 4/5/07 Mon 25/6/07	
824 Removal Existing Eastern Glass Wall 87% Fri 4/5/07 NA Fri 4/5/07 Mon 25/6/07	
	entri ili. 1870 (1894) ili inili o nemeratori il 46 di
825 Precuation Measures Installation for Eastern Façade Removal 100% Fri 4/5/07 Sat 9/6/07 Fri 4/5/07 Fri 25/5/07	
826 Bamboo Scaffolding Erection 100% Wed 16/5/07 Sat 9/6/07 Fri 11/5/07 Fri 25/5/07	
827 Consent for Eastern Façade Removal 100% Fri 8/6/07 Fri 6/7/07 Sat 26/5/07 Sat 26/5/07	
828 Removal of Existing Eastern Glass Wall 50% Sat 9/6/07 NA Mon 28/5/07 Mon 25/6/07	
829 Demolition of Existing Atrium Link 62% Wed 14/3/07 NA Wed 14/3/07 Wed 23/1/08	e Para Para Para de Caractería
830 Diversion/Termination of Existing E&M Services to New Access (between A1 Tr. 100% Wed 14/3/07 Tue 5/6/07 Wed 14/3/07 Tue 22/5/07 111111111111111111111111111111111111	
831 Removal Escalator Inside Existing Atrium Link 100% Fri 1/6/07 Fri 15/6/07 Tue 29/5/07 Tue 19/6/07	
832 Removal Roof Floor Finishes & Non-Structural Elements 100% Thu 31/5/07 Sat 30/6/07 Tue 29/5/07 Tue 12/5/07 Tue 12/5/07	
B33 Bamboo Scaffolding Erection for Removal Internal Finishes and Cladding 100% Tue 29/5/07 Thu 7/6/07 Tue 29/5/07 Tue 12/6/07	
834 Removal Internal Finishes, Cladding & E&M Fixing From Roof to Level 2 100% Tue 29/5/07 Thu 12/7/07 Tue 29/5/07 Wed 11/7/07	
Project:HKCEC Expansion Project Task Progress Summary External Tasks Group	***************************************
3 Month Rolling Programme based on revised m Date: 18/07/2007 Critical Task Milestone Split Project Summary Basel	By Summary
Page 8	By Summary Property of the 1

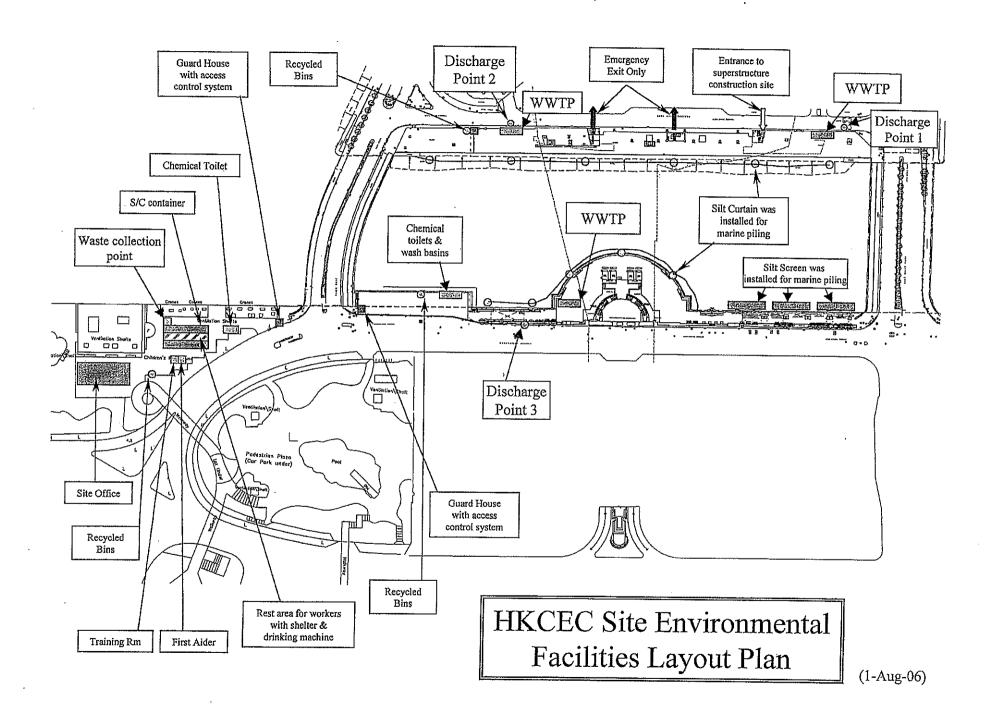
ID .	Task Name	% Complete	Actual Start	Actual Finish	Baseline Start	Baseline Finish	, May Jun Jul	Aug	Sep	Oct	Nov
835	Propping & Precuation Measures Installation for Demolition Works	100%	Tue 29/5/07	Tue 10/7/07	Tue 29/5/07	Wed 11/7/07	18/1/07	Tung	Toch	100	INOV
836	Consent for Demolition Works	100%	Fri 8/6/07	Fri 8/6/07	Thu 12/7/07	Thu 12/7/07					
837	Removal Slab From Roof to Level 2	30%	Sat 9/6/07	NA	Fri 13/7/07	Tue 7/8/07					
838	Removal Steel Floor Trusses From Roof to Level 2	0%	NA	NA	Fri 27/7/07	Sat 11/8/07	FLUE				
839	Removal Existing Hanger Columns	0%	NA	NA	Mon 13/8/07	Tue 28/8/07		ta e			
840	Removal Existing Roof Trusses	0%	NA	NA	Wed 29/8/07	Thu 13/9/07					
841	Modification Works of Existing Eastern Façade Truss level 29.4 to 44.4	0%	NA :	. NA	Thu 30/8/07	Mon 17/9/07					
842	Removal of remaining Existing Eastern & Western Façade Truss	0%	NA:	· NA	Sat 15/12/07	Wed 23/1/08		777777			
843	New Atrium Link Extension	13%	Tue 27/6/06	NA	Tue 27/6/06	Wed 11/3/09	Contraction of the Contraction o	s Maria de Arabaga ya ya marini shi e	arena Caral Cityania Rei	\$75860000005b65	
919	Superstructure	29%	Thu 30/11/06	NA	Wed 15/11/06	Wed 25/6/08		Circulation of Process	ANTERNA DOLANGA	000000000000000000000000000000000000000	
920	Columns to Steel Truss - Grid 17	45%	Mon 4/12/06	NA	Fri 1/12/06	Fri 5/10/07		Stable and a Chatter (1 at 12)	in the state of th		
921	Column A1/16	100%	Mon 4/12/06	Wed 27/12/06	Fri 1/12/06	Fri 22/12/06	1		*		
922	R.C Mega Columns for A1/16(26m3)	100%		Thu 21/12/06	Fri 1/12/06	1		1			
923	Bearing Installation at Column A1/16	100%		Wed 27/12/06	Wed 20/12/06	Fri 22/12/06	1 /				
924	Column E/17	0%	NA NA	NA NA	Fri 7/9/07	Fri 5/10/07	-	Second Design			
925	R.C Mega Columns for E/17(91m3)	0%	NA:	NA NA	Fri 7/9/07	Tue 2/10/07	-	11111	111		
926	Bearing Installation at Column E/17	0%	NA .	NA NA	Wed 3/10/07	Fri 5/10/07	-				
927	Column A/17	33%	Mon 21/5/07	NA NA	Wed 2/5/07	1			텀		
928	R.C Mega Columns for A/17(338m3)	36%	Mon 21/5/07	NA NA	Wed 2/5/07 Wed 2/5/07	Thu 7/6/07		1			
929	Bearing Installation at Column A/17	0%	NA:	NA NA	Fri 8/6/07	Mon 11/6/07					
								<u></u>			
930 931	Column B/17	3%	Tue 29/5/07	NA	Fri 20/4/07	Tue 12/6/07					
	R.C Mega Columns for B/17(395m3)	3%	Tue 29/5/07	NA	Fri 20/4/07	Fri 8/6/07	600000000000000000000000000000000000000	Ц			
932	Bearing Installation at Column 8/17	0%	NA:	NA	Sat 9/6/07	Tue 12/6/07		4			
933	Column C/17	68%	Sat 5/5/07	NA	Fri 20/4/07	Tue 12/6/07	W W				
934	R.C Mega Columns for C/17(442m3)	73%	Sat 5/5/07	NA	Fri 20/4/07	Fri 8/6/07		1			
935	Bearing Installation at Column C/17	0%	NA	NA	Sat 9/6/07	Tue 12/6/07	_ /[:]	1			
936	Column D/17	81%	Fri 18/5/07	NA	Wed 2/5/07	Mon 11/6/07	1 W				
937	R.C Mega Columns for D/17(342m3)	89%	Fri 18/5/07	NA	Wed 2/5/07	Thu 7/6/07					
938	Bearing Installation at Column D/17	0%	NA	NA	Fri 8/6/07	Mon 11/6/07					
939	Columns to Steel Truss - Grid 24	91%	Thu 14/12/06	NA	Fri 1/12/06	. 1					
940	Column A1/24	100%	Thu 14/12/06	Tue 9/1/07	Fri 1/12/06	1					
941	R.C. Mega Columns for A1/24(30m3)	100%	Thu 14/12/06	Fri 5/1/07	Fri 1/12/06	1					
942	Bearing Installation at Column A1/24	100%	Frì 5/1/07	Tue 9/1/07	Wed 20/12/06	i		1			
943	Column A1a/24	96%	Mon 8/1/07	NA	Thu 28/12/06	Sat 24/2/07		1 .			
944	R.C. Mega Columns for A1a/24 (+4 to +14.4, 84m3)	100%	Mon 8/1/07	Wed 24/1/07	Thu 28/12/06	Mon 15/1/07	7				
945	R.C. Mega Columns for A1a/24 (+14.4 to +51.8, 300m3)	100%	Thu 25/1/07	Wed 4/4/07	Tue 16/1/07	Wed 21/2/07	7				
946	Bearing Installation at Column A1a/24	0%	NA	NA	Thu 22/2/07	Sat 24/2/07					
947	Column Ba/24	96%	Fri 2/3/07	NA	Sat 3/2/07	Wed 11/4/07					
948	R.C. Mega Columns for Ba/24 (384m3)	100%	Fri 2/3/07	Sat 26/5/07	Sat 3/2/07	Sat 7/4/07	· · · · · · · · · · · · · · · · · · ·				
949	Bearing Installation at Column Ba/24	0%	NA	NA	Mon 9/4/07	Wed 11/4/07	7				
950	Columns C/24	82%	Tue 8/5/07	NA	Fri 16/3/07	Tue 29/5/07					
951	R.C. Mega Columns for C/24(467m3)	86%	Tue 8/5/07	NA	Fri 16/3/07	Fri 25/5/07		1			
Project:	-IKCEC Expansion Project Task Expansion Project	Progress		7.773.2.00	Summary	100053000	External Tasks		Group By S	ummary I	XXXX ASIMONS
3 Month Date: 18	Rolling Programme based on revised m	Milestone		The state of the s	Split		Project Communication		Baseline 1	•	
		·					·				

	3 Month Rolling	Programme	based on revis	ed master Pro	gramme Rev.1	Updating on 1	luly 2007				
ID	Task Name	%	Actual Start	Actual Finish							
952	Bearing Installation at Column C/24	Complete 0%	NA.	NA NA	Sat 26/5/07	Baseline Finist Tue 29/5/07			Aug Sep	Oct	Nov
953	Columns D/24	85%	Wed 16/5/07	NA NA	Mon 12/2/07	Fri 27/4/07	Sec. 345-56 or 52 9 69 60 mysecure, 52 60 5 88 60	18 <i>П</i> [07]			
954	R.C. Mega Columns for D/24(369m3)	90%	Wed 16/5/07	NA.	Mon 12/2/07	Tue 24/4/07					
955	Bearing Installation at Column D/24	0%	NA.	NA.	Wed 25/4/07	Fri 27/4/07					
956	Steel Roof Trusses and Superstructure	19%	Thu 30/11/06	NA.	Wed 15/11/06	Wed 25/6/08		因	With the contract of the second		(M)
1009	Pedestrian Routing Divert to New Access	100%	Sat 26/5/07	Sat 26/5/07	Mon 28/5/07	Mon 28/5/07	\				
1020	Temporary Works for Sliding & Heavy Lifting	0%	NA NA			Mon 12/11/07		AND REPORTS		rovišio i diversi (1 mila vizini di	Oleghan, arter Stepha
1021	Heavy Liting & Sliding System Installation	0%	NA NA		Wed 30/5/07	Thu 19/7/07			(1.::1111111111111111111111111111111111		
1023	Transfer Truss for Grid 24/A-B	0%	NA :		Wed 30/5/07		\	777		2705acamack 2004 2004 1	
1024	Assembly Steel Transfer Truss on Column A1a/24 & Ba/24(628tons)	0%	NA.		Wed 30/5/07	Thu 9/8/07	\				
1025	Connection of Roof Truss A	0%	NA NA		Fri 10/8/07	Tue 14/8/07		2222			
1026	Connection to Roof Truss B	0%	NA :		Wed 26/9/07	Sat 29/9/07	\				
1027	Roof Truss A(1268tons)	0%	NA NA		Fri 1/6/07	Thu 1/11/07	***************************************				in a superference with the superference with
1028	Assembly of Steel Roof Truss A on Site	0%	NA.		Fri 1/6/07	Tue 31/7/07			Alberta Barrasana and Alberta Anna and A		
1029	Erect Temp Bracing between Roof Truss A & B	0%	NA NA		Wed 25/7/07	Tue 31/7/07					
1030	Lifting Up to Grid C High Level	0%	NA.		Wed 25/7/07 Wed 1/8/07	Wed 8/8/07					
1031	Sliding to Permanent Position at Grid A	0%	NA NA		Tue 18/9/07	Sat 22/9/07					
1032	Bracing for Roof Truss A & B	0%	NA NA			Wed 10/10/07			图		
1033	Transfer Trusses from Truss A to Truss A1	0%	NA NA		Thu 11/10/07	Thu 1/11/07					
1034	Assembly of Back Span for Sieel Roof Truss A	0%				l				8888	
1035	Roof Truss B(963tons)	I	NA		Wed 15/8/07	Fri 14/9/07					
1035	Assembly of Steel Roof Truss B on Site	. 0%	NA NA		Fri 1/6/07					SECTION OF SECTION	arani da
1036		0%	NA NA		Fri 1/6/07	Tue 31/7/07					
1037	Erect Temp Bracing between Roof Truss A & B	0%	NA .		Wed 25/7/07	Tue 31/7/07					
	Lifting Up to Grid D High Level	0%	NA NA		Wed 1/8/07	Wed 8/8/07					•
1039	Sliding to Grid B	0%	NA NA		Tue 18/9/07	Sat 22/9/07			团_		
1040	Final Lifting of Transfer Truss & Roof Truss B	0%	NA .		Mon 24/9/07	Tue 25/9/07			3		
1041	Bracing for Roof Truss A & B	0%	NA :		Wed 26/9/07	1					
1042	Assembly of Back Span for Steel Roof Truss B	0%	NA	NA	Tue 2/10/07	Fri 2/11/07	•	- 1		Į.	шшш

Project:HKCEC Expansion Project 3 Month Rolling Programme based on revised m	Task	200000000000000000000000000000000000000	Progress		Summary		External Tasks		Group By Summary	EMESS CONTRACTOR
Date: 18/07/2007	Critical Task		Milestone		Split	***********	Project Summary	20,000,000,000,000	Baseline 1	
				Page 10						***************************************

Annex L

Laboratory Report of Water Discharge Sampling





ENVIRO LABS LIMITED

環境化驗有限公司

TEST REPORT

JOB NO.

707141

DATE OF ISSUE

: 27 July 2007

PAGE

1 of 1

1. Customer

Hip Hing - Ngo Kee Joint Venture

5/F, 38 Sheung On Street, Chai Wan, Hong Kong

Attn.: Mr. Ken Leung

2. Sample Identification

Sample Description

: 2 batch of water samples said to be wastewater were received in cool condition

Quantity of Sample

: 2 x 1L in plastic bottles (for TSS) and 2 x 250mL in plastic bottles (for COD)

Sampling

: Conducted by the staff of the Enviro Labs Ltd.

Sampling Point

: Outlet of Wastewater Treatment Facility

(HKCEC Expansion Project, H200605)

Preservation

Stored under refrigerated condition, COD: conc. H₂SO₄ was added to pH < 2

Sampling Date

13 July 2007

Received Date

13 July 2007

3. Test Method

Para	ameter	Reference Method	Testing Period
(i)	рН	APHA¹ 20e 4500 H⁺B	13 July 2007 (On-site)
(ii)	Total Suspended Solids (TSS) Dried at 103-105°C	APHA ¹ 17e 2540 D	13 – 25 July 2007
(iii)	Chemical Oxygen Demand (COD)	APHA ¹ 20e 5220 C	13 – 16 July 2007

^{1.} APHA Standard Methods for the Examination of Water and Wastewater

4. Test Result*

Label marked by customer	Test Parameter	Sample No.	Test Result	Discharge Limit **	Unit
HKCEC Expansion	pH at 29 °C	707141-1	8.4	6 - 9	
Project H200605 WT-25	TSS	707141-1	16	≤30	mg/L
VV 1-20	COD	707141-2	< 50	≤80	mgO₂/L
	pH at 29 °C	707141-3	8.7	6 - 9	
HKCEC Expansion Project H200605	TSS	707141-3	6.8	≤30	mg/L
WT-21	COD	707141-4	< 50	≤80	mgO₂/L

Test results relate only to the items received.

--- END of REPORT ----



APPROVED SIGNATORY:

Kenneth Kar Kin LAM (Laboratory Manager)

^{**} Information provided by the customer. (It is not a test result, information for reference only).