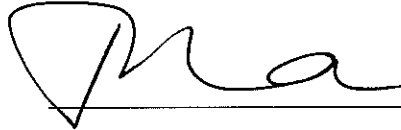


ASB Biodiesel (Hong Kong) Limited

Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate

Monthly EM&A Report
(version 1.0)

June 2009

Approved By 
(Environmental Team Leader)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

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EXECUTIVE SUMMARY

Introduction

1. This is the 1st monthly Environmental Monitoring and Audit (EM&A) Report prepared by Cinotech Consultants Limited for Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate". This report documents the findings of EM&A Works conducted in June 2009.
2. The major site activities undertaken in the reporting month included:
 - Piling works;
 - Site office construction and
 - Hoarding construction.

Environmental Monitoring and Audit Works

3. Environmental monitoring and audit works for the Project were performed regularly as stipulated in the EM&A Manual and the results were checked and reviewed. The implementation of the environmental mitigation measures and environmental complaint handling procedures were also checked.

Environmental Licenses and Permits

4. Licenses/Permits granted to the Project include the Environmental Permit (EP) for the Project, An Environmental Permit No. EP-319/2009 and EP-319/2009/A was issued on 11 March 2009 and 7 April 2009 respectively. The contractor has applied for the Registration of Chemical Waste Producer (WPN-5113-839-C1186-15) and Construction Noise Permit (PP-RE0037-09).

Key Information in the Reporting Month

5. Summary of key information in this reporting month is tabulated in Table I.

Table I Summary Table for Key Information in the Reporting Month

Event	Event Details		Action Taken	Status	Remark
	Number	Nature			
Complaint received	0	---	N/A	N/A	---
Changes to the assumptions and key construction / operation activities recorded	0	---	N/A	N/A	---
Status of submissions under EP	0	---	N/A	N/A	---
Notifications of any summons & prosecutions	0	---	N/A	N/A	---

Future Key Issues

6. Major site activities for the coming month will include:
 - Piling works;
 - Excavation;
 - Reinforcement concreting;
 - Temporary electricity and
 - Water installation etc.

7. The future environmental concerns are air quality, waste management and surface runoff from construction works.

1 INTRODUCTION

Background

- 1.1 Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate is a Designated Project (hereafter referred to as “the Project”) under the Environmental Impact Assessment Ordinance (Cap. 449). A study of environmental impact assessment (EIA) was undertaken to consider the key issues of air quality, noise, water quality, ecological and identify possible mitigation measures associated with the works. An EIA Report was approved by the Environmental Protection Department (EPD) on 26 February 2009.
- 1.2 The project is to construct and operate a 100,000 tonnes per annum biodiesel plant at Tseung Kwan O Industrial Estate. The plant will use a multi-feedstock which consists of waste cooking oil (WCO), oil and grease recovered from grease trap waste (GTW), Palm Fatty Acid Distillate (PFAD) and animal fats. The proposed biodiesel plant not only offers a convenient recycling outlet for GTW and WCO but also converts the oil and grease recovered from these wastes into useful products. The Project also offers a cleaner alternative to diesel fuel to the Hong Kong market. The main processes include the followings:-
- Construction of feedstock reception and storage facilities, and offices;
 - Construction of a grease trap waste pre-treatment facility (with a designated treatment capacity of about 200,000 tonnes per annum);
 - Construction of a wastewater treatment plant (with a designed treatment capacity of about 170,000 m³ per annum);
 - Installation of biodiesel production and glycerine purification system;
 - Construction of product storage and ancillary facilities;
 - Pretreatment of grease trap waste;
 - Treatment of wastewater generated from feedstock pre-treatment and glycerine dewatering process, and filtrates from dewatering process of sludge treatment;
 - Transesterification of feedstock with alcohol-catalyst; and
 - Purification of biodiesel.
- 1.3 The general layout of the Project is shown in **Figure 1.1**.
- 1.4 An Environmental Permit (EP) No. EP-319/2009 and EP-319/2009/A was issued on 11 March 2009 and 7 April 2009 respectively for Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate to ASB Biodiesel (Hong Kong) Limited as the Permit Holder.
- 1.5 Cinotech Consultants Limited was commissioned by ASB Biodiesel (Hong Kong) Limited to undertake the Environmental Monitoring and Audit (EM&A) works for the Project. China Harbour Engineering Company Limited is the Managing Contractor of the Project. This is the 1st Monthly EM&A report summarizing the EM&A works for the Project in June 2009.

Project Organizations

1.6 Different parties with different levels of involvement in the project organization include:

- Project Proponent – ASB Biodiesel (Hong Kong) Limited
- Contractor – Zhen Hua Eng Co. Ltd. (ZHEC)
- Environmental Team (ET) – Cinotech Consultants Limited
- Independent Environmental Checker (IEC) – Mannings (Asia) Consultants Ltd.

1.7 The responsibilities of respective parties are detailed in Section 1.10 of the Final EM&A Manual of the Project.

1.8 The key contacts of the Project are shown in Table 1.1.

Table 1.1 Key Project Contacts

Party	Role	Name	Position	Phone No.	Fax No.
ASB	Permit Holder	Mr. Eddie Chung	Project Manager	9189 8118	37411661
Cinotech	Environmental Team	Dr. HF Chan	ET Leader	2151 2088	3107 1388
		Ms. Ivy Tam	Project Coordinator and Audit Team Leader	2151 2090	
Mannings	Independent Environmental Checker	Mr. Mark Cheung	Independent Environmental Checker	3168 2028	3168 2022
		Mr. Gavin Kwok	Assistant to Independent Environmental Checker	3168 2028	
ZHEC	Contractor	Mr. Stephen Tse	Project Manager	8106 1848	2623 9226
		Mr. Fred Ho	Environmental Officer	9279 6226	

Construction Programme

1.9 The site activities undertaken in the reporting month were:

- Piling works;
- Site office construction and
- Hoarding construction.

Summary of EM&A Requirements

1.10 The EM&A requirements are described in the following sections, including:

- Environmental mitigation measures, as recommended in the project EIA study final report; and
- Environmental requirements in contract documents.

1.11 The advice on the implementation status of environmental protection and pollution control/mitigation measures is summarized in Section 3 of this report.

2 ENVIRONMENTAL AUDIT

Site Audits

- 2.1 Site audit was carried out by ET on monthly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site. The summaries of site audits are attached in **Appendix A**.
- 2.2 Site audit was conducted on 23rd June 2009 in June by ET. No non-compliance was observed during the site audits.

Status of Environmental Licensing and Permitting

- 2.3 All permits/licenses obtained for the Project are summarized in **Table 2.1**.

Status of Waste Management

- 2.4 No Construction and Demolition (C&D) materials and chemical waste generated in the reporting month. The quantities of waste generated in this reporting month are summarized in **Appendix C**.

Implementation Status of Environmental Mitigation Measures

- 2.5 According to the EIA Study Report, Environmental Permit and the EM&A Manual of the Project, the mitigation measures detailed in the documents are recommended to be implemented during the construction phase. An updated summary of the EMIS is provided in **Appendix B**.

Table 2.1 Summary of Environmental Licensing and Permit Status

Permit / License No.	Valid Period		Details	Status
	From	To		
Environmental Permit (EP)				
EP-319/2009/A	07/04/2009	N/A	Construction and operation of (i) a biochemical plant with a storage capacity of more than 500 tonnes and in which substances are processed and produced; (ii) a storage, transfer and trans-shipment of oil facility with a storage capacity of not less than 1,000 tonnes; and (iii) a dangerous goods godown with a storage capacity exceeding 500 tonnes	Valid
Registration of Chemical Waste Producer				
WPN-5113-839-C1186-15	12/06/2009		Spent Lubrication oil.	Valid
Construction Noise Permit (CNP)				
PP-RE0037-09	11/08/2009	28/12/2009	To carry out percussive piling for the construction site during 0700-1900 hours on all days except general holidays.	Valid

2.6 During site inspections in the reporting month, no non-conformance was identified. The observations and recommendations made during the audit sessions are summarized in Table 2.2.

Table 2.2 Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations	Follow-up
N/A	23 June 2009	N/A	N/A

Summary of Complaint and Prosecution

2.7 No environmental related complaint, prosecution or notification of summons was received in the reporting month.

2.8 There was no environmental complaint, prosecution or notification of summons received since the Project commencement. The Complaint Log is attached in **Appendix D**.

3 FUTURE KEY ISSUES

Key Issues for the Coming Month

3.1 Key issues to be considered in the coming month include:

- Noise from operation of the equipment and machinery on-site;
- Effluent discharge generated from surface runoff;
- Dust generated from excavation works and stockpile of dusty materials;
- Maintenance of de-silting facilities and drainage system, such as U-channels;
- Storage of chemicals/fuel and chemical waste/waste oil on site;
- Accumulation of stagnant water in the site areas; and
- Accumulation of C&D waste and general waste on site.

Construction Program for the Next Month

3.2 A tentative construction programme is provided in **Appendix E**. The major construction activities in the coming month will include:

- Piling works;
- Excavation;
- Reinforcement concreting;
- Temporary electricity and
- Water installation etc.

4 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

- 4.1 Environmental audit works were conducted in the reporting month. Site inspections were conducted on a monthly basis. The results of were reviewed and checked.
- 4.2 There was no environmental complaint, prosecution or notification of summons received.

Recommendations

- 4.3 According to the environmental audit performed in the reporting month, the following recommendations were made:

Water Impact

- To identify any wastewater discharges from site.
- To ensure properly maintenance for de-silting facilities.
- To clear the silt and sediment in the sedimentation tanks.
- To review the capacity of de-silting facilities for discharge.
- To divert all the water generated from construction site to de-silting facilities with enough handling capacity before discharge.
- To avoid accumulation of stagnant and ponding water on site.

Dust Impact

- To remove fugitive dusty material on the haul road periodically.
- Excavated dusty materials or stockpile of dusty materials should be covered by impervious sheeting, or sprayed with water so as to maintain entire surface wet.

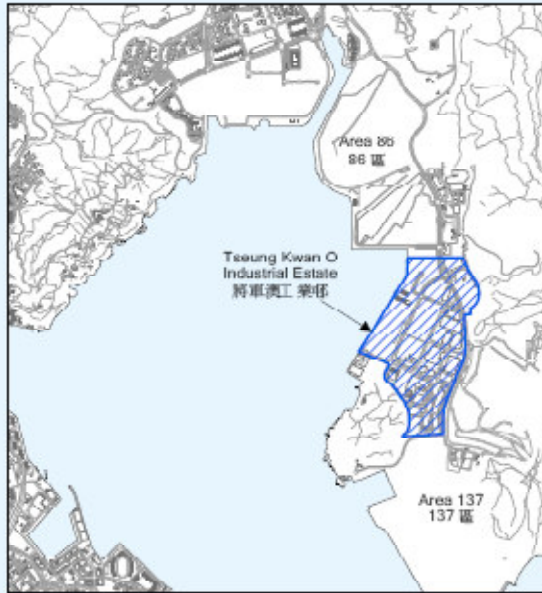
Noise Impact

- To space out noisy equipment and position as far away as possible from sensitive receivers.
- To inspect the noise sources inside the site.

Waste / Chemical Management

- To provide proper rubbish bins / skips for waste collection.
- To provide proper storage area for oil container on site.
- To avoid and check for any accumulation of waste materials or rubbish on site.
- To avoid any discharge or accidental spillage of chemical waste or oil directly from the equipment.

FIGURES



Key 圖例

 Proposed Site



Meters 米

0 100 200 400



Title Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate

Site Layout Plan

Scale

N.T.S

Project

No.

MA9021

Date

Jun-09

Figure

1.1

CINOTECH

**APPENDIX A
SITE AUDIT SUMMARY**

**Development of a Biodiesel Plant at
Tseung Kwan O Industrial Estate**



Monthly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	90623
Date	23 June 2009 (Tuesday)
Time	14:00 – 14:30

Ref. No.	Non-Compliance	Related Item No.
-	None	-

Ref. No.	Remarks/Observations	Related Item No.
	<p>A. Water Quality</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>B. Air Quality</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>C. Noise</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>D. Waste / Chemical Management</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>E. Permit / Licenses</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>F. Others</p> <ul style="list-style-type: none"> None 	

	Name	Signature	Date
Recorded by	Ivy Tam		23 June 2009
Checked by	Dr. HF Chan		23 June 2009

**APPENDIX B
UPDATED ENVIRONMENTAL
MITIGATION IMPLEMENTATION
SCHEDULE**

Appendix B - Summary of Environmental Mitigation Implementation Schedule (Construction Phase)

Types of Impacts	Mitigation Measures	Status
<p align="center">Construction Dust</p>	<ul style="list-style-type: none"> • Dust control measures such as water spaying on roads and dusty areas, covering of lorries by impervious sheets and controlling of the falling height of fill materials will be implemented; • Effective dust screens, sheeting or netting will be provided to enclose the scaffolding from the ground level of the facility during the building construction; • All debris and materials will be covered or stored in a sheltered debris collection area; • Hoarding from ground level will be provided along the entire length of the site boundary except for a site entrance or exit; • Every stockpile of dusty materials will be covered entirely by impermeable sheeting or placed in an area sheltered on the top and the 3 sides; • Regular maintenance and checking of the diesel powered mechanical equipment will be adopted to avoid any black smoke emissions and to minimize gaseous emissions. • Monthly site audits will be conducted to ensure the implementation of suitable dust control measures and good site practices. 	<p align="center">^</p> <p align="center">N/A</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p>
<p align="center">Construction Noise</p>	<ul style="list-style-type: none"> • Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction program; • Silencers or mufflers on construction equipment will be utilized and will be properly maintained during the construction program; • Mobile plant, if any, will be sited as far from NSRs as possible; • Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum; • Plant known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and • Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from onsite construction activities. 	<p align="center">^</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p> <p align="center">^</p>

Remarks: ^ Compliance of mitigation measure; X Non-compliance of mitigation measure;
 N/A Not Applicable at this stage; • Non-compliance but rectified by the contractor;
 * Recommendation was made during site audit but improved/rectified by the contractor;
 # Non-compliance but rectified/improved by the contractor and awaiting IEC's further comment.

Types of Impacts	Mitigation Measures	Status
Water Quality	<p><u>Piling Activities</u></p> <ul style="list-style-type: none"> Silt curtain will be installed around the marine piling area to contain any suspended mud and sediments generated during the piling works. Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from groundwater (if pumping is required) to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected monthly and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. 	N/A
	<p><u>Construction Site Run-off and Drainage</u></p> <ul style="list-style-type: none"> Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected monthly and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Careful programming of the works to minimise surface excavations for the construction works during the wet season. If excavation of soil cannot be avoided during the wet season, exposed slope surfaces will be covered by a tarpaulin or other means. Other measures that need to be implemented before, during, and after rainstorms are summarised in ProPECC PN 1/94. Exposed soil surfaces will be protected by paving or fill material as soon as possible to reduce the potential of soil erosion. Open stockpiles of construction materials or construction wastes on-site of more than 50m³ will be covered with tarpaulin or similar fabric during rainstorms. These materials will not be placed near the seawall area. 	^ ^ ^ ^
	<p><u>General Construction Activities</u></p> <ul style="list-style-type: none"> Debris and refuse generated on-site will be collected, handled and disposed of properly to avoid entering the nearby water sensitive receivers (WSRs). Stockpiles of cement and other construction materials will be kept covered when not being used. Oils and fuels will only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas will be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund will be drained of rainwater after a rain event. 	^ ^

Remarks: ^ Compliance of mitigation measure; X Non-compliance of mitigation measure;
N/A Not Applicable at this stage; • Non-compliance but rectified by the contractor;
* Recommendation was made during site audit but improved/rectified by the contractor;
Non-compliance but rectified/improved by the contractor and awaiting IEC's further comment.

Types of Impacts	Mitigation Measures	Status
	<p><u>Sewage generated from On-site Workforce</u></p> <ul style="list-style-type: none"> <li>• Temporary sanitary facilities, such as portable chemical toilets, will be provided on-site. A specialised contractor will be responsible for regular collection and appropriate disposal of the sewage and maintenance of these facilities. <li>• Monthly site inspections will be carried out during construction to ensure that the mitigation measures listed above are properly implemented. The site audit frequency will be increased to weekly intervals during the piling works. 	<p>N/A</p> <p>^</p>
<p>Ecology</p>	<ul style="list-style-type: none"> <li>• Mitigation measures for minimising water quality impacts are presented in detail above. These measures will be properly implemented and good construction practices will be adopted to minimise potential adverse impacts to marine ecological resources. 	<p>^</p>

Remarks: ^ Compliance of mitigation measure; X Non-compliance of mitigation measure;
N/A Not Applicable at this stage; • Non-compliance but rectified by the contractor;
* Recommendation was made during site audit but improved/rectified by the contractor;
Non-compliance but rectified/improved by the contractor and awaiting IEC's further comment.

**APPENDIX C
WASTE GENERATION IN THE
REPORTING MONTH**

**APPENDIX D
COMPLAINT LOG**

APPENDIX D – COMPLAINT LOG**Reporting Month:** June 2009




Log Ref.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
N/A	N/A	N/A	N/A	N/A	N/A

Remarks: No environmental complaint was received in the reporting month.

APPENDIX E
CONSTRUCTION PROGRAMME

DCSE	AREA	Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish	Total Float	JUL 2	AUG 3	2009 SEP 4	OCT 5	NOV 6
Structures Construction													
General													
c	GEN	Z0003100	Temporary Culvert Diversion	30	30	10/08/09*	12/09/09	3					
Zone 1 Administration/Processing Building													
Zone 1A & Zone 1B													
1A&1B Piling													
c	Z1AB	Z1001030	Pile Works Z1A&1B(BP)	51	25	02/07/09A	29/08/09	0					
c	Z1AB	Z1001040	Preparation of Pile Report Z1A&1B(BP)	1	1	31/08/09	31/08/09	0					
c	Z1AB	Z1001050	Submit to BD for Piles Selection Z1A&1B(BP)	1	1	01/09/09	01/09/09	0					
c	Z1AB	Z1001060	Selection of Piles by BD Z1A&1B(BP)	14	14	02/09/09	15/09/09	0					
c	Z1AB	Z1001070	Preparation for Loading Test Z1A&1B(BP)	8	8	16/09/09	24/09/09	0					
c	Z1AB	Z1001080	Loading Test Z1A&1B(BP)	6	6	25/09/09	30/09/09	0					
Substructure													
c	Z1AB	Z1002010	Submit to BD for ELS & Substr Consent BA8 Z1A&1B	1	1	09/10/09	09/10/09	-14					
c	Z1AB	Z1002020	Consent of ELS & Substr. by BD BA8 Z1A&1B(BP)	28	28	09/10/09	05/11/09	-22					
1B - Processing Building (FP)													
Foundation													
c	Z1BF	DS1B11040	Submit to BD for Piling Consent BA8 Z1B(FP)	1	0	24/07/09A	24/07/09A						
c	Z1BF	DS1B11050	BA8 Piling Consent Approval Z1B(FP)	28	7	24/07/09A	07/08/09	-33					
c	Z1BF	Z1BF0005	Mobilization of Pre-drilling Plants Z1B(FP)	3	3	01/08/09	04/08/09	-26					
c	Z1BF	Z1BF0010	Pre-drilling Z1B(FP)	9	9	08/08/09	18/08/09	-29					
c	Z1BF	Z1BF0020	Preliminary Pre-drilling Report Z1B(FP)	6	6	19/08/09	25/08/09	-29					
c	Z1BF	Z1BF0030	Pile Works Z1B(FP)	27	27	26/08/09	25/09/09	-29					
c	Z1BF	Z1BF0040	Preparation of Pile Report Z1B(FP)	1	1	26/09/09	26/09/09	-29					
c	Z1BF	Z1BF0050	Submit to BD for the selection of Piles Z1B(FP)	1	1	28/09/09	28/09/09	-24					
c	Z1BF	Z1BF0060	Selection of Piles by BD Z1B(FP)	12	12	29/09/09	10/10/09	-34					
c	Z1BF	Z1BF0070	Preparation for Loading Test Z1B(FP)	8	8	12/10/09	20/10/09	-28					
c	Z1BF	Z1BF0080	Loading Test Z1B(FP)	6	6	21/10/09	26/10/09	-35					
Substructure													
c	Z1BF	Z1BF1010	Submit to BD for ELS & Substr Consent BA8 Z1B(FP)	1	1	13/10/09	13/10/09	-23					
c	Z1BF	Z1BF1020	Consent of ELS & Substructure by BD BA8 Z1B(FP)	28	28	13/10/09	09/11/09	-35					
Zone 2 Tank Farms													
2B-2E Tank Farms													
Substructure													
c	Z2BE	DS2BD11005	Submit to BD for ELS&Substruc Consent BA8 Z2B-2E	1	1	27/10/09	27/10/09	-26					
c	Z2BE	DS2BD11006	Consent of ELS & Substructure by BD BA8 Z2B-2E	28	28	27/10/09	23/11/09	-41					
Zone 3 Waste Water Treatment Plant													
3 - Waste Water Treatment Plant													
Foundation													
c	Z3	DS3001005	Submit to BD for ELS&Substructure Consent BA8 Z3	1	1	09/10/09	09/10/09	6					
c	Z3	DS3001006	Consent of ELS & Substructure by BD BA8 Z3	28	28	09/10/09	05/11/09	10					
Zone 4 Loading & Unloading Facilities													
4A-Jetty													
Piling													
c	Z4A	DS4A12010	Submit to BD for Marine Piling Consent BA8 Z4A	1	1	05/10/09	05/10/09	30					
c	Z4A	DS4A12020	Consent of Marine Piling by BD BD8 Z4A	28	28	05/10/09	01/11/09	43					
c	Z4A	DS4A12030	Marine Notice to Commencement of Works	1	1	25/08/09	25/08/09	46					
c	Z4A	Z4A01010	Excavation for Existing Seawall Z4A	30	30	25/09/09	02/11/09	36					
4B-Loading and Unloading Building													
Foundation													
c	Z4B	DS4B11005	Submit to BD for ELS & Foundation Consent BA8 Z4B	1	1	16/10/09	16/10/09	8					
c	Z4B	DS4B11006	Consent of ELS & Foundation by BD BA8 Z4B	28	28	16/10/09	12/11/09	13					
Utilities													
Drainage Works													
c	ALL	DW000100	Apply Excavation Permit of Drainage HyD	0	0	22/09/09*		95					
Water Supply													
c	ALL	WM000100	Apply Excavation Permit of Water Main HyD	0	0	01/08/09*		181					

Start Date 01/01/09
Finish Date 03/05/11
Data Date 01/08/09
Run Date 01/09/09 22:25

01/01/09  Early Bar
03/05/11  Progress Bar
01/08/09  Critical Activity
01/09/09 22:25




BK04 - 2
China Harbour Engineering Company
Hong Kong Biodiesel Plant
3mths Rolling Programme

Sheet 1 of 2

Date	Revision	Checked	Approved

DCSE	AREA	Activity ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish	Total Float	2009				
									JUL 2	AUG 3	SEP 4	OCT 5	NOV 6
Fire Services													
c	ALL	FW000100	Apply Excavation Permit of Fire Services HyD	0	0	01/08/09*		174					
Sewerage Works													
c	ALL	SW000100	Apply Excavation Permit of Fire Services HyD	0	0	01/08/09*		155					
Power Supply													
c	ALL	PS000100	Apply Electrical Power to CLP	0	0	01/08/09*		162					
Communication System													
c	ALL	CS000100	Apply Excavation Permit of Tel Services HyD	0	0	01/08/09*		162					

Start Date 01/01/09
Finish Date 03/05/11
Data Date 01/08/09
Run Date 01/09/09 22:25

 Early Bar
 Progress Bar
 Critical Activity

BK04 - 2

China Harbour Engineering Company
Hong Kong Biodiesel Plant
3mths Rolling Programme

Sheet 2 of 2

Date	Revision	Checked	Approved