

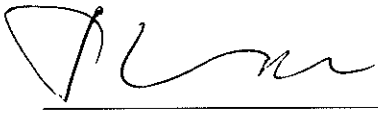
ASB Biodiesel (Hong Kong) Limited

Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate

Monthly EM&A Report

October 2012

(Version 1.0)

Certified 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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<i>Attn:</i>	Ms. Ivy Tam / Ms. Betty Choi	<i>Fax:</i>	3107 1388
<i>From:</i>	Mr. Mark Cheung	<i>Ref:</i>	D1067/G04580
<i>Job No.</i>	D1067	<i>Total Pages:</i>	1

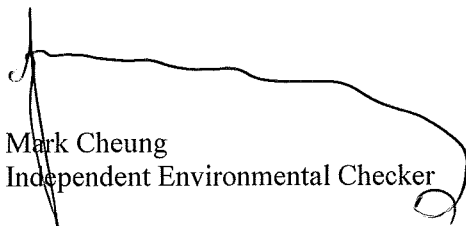
**Subject: Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate
Monthly EM&A Report for October 2012**

Dear Madam,

We refer to your submission of the Monthly EM&A Report for October 2012 via email dated 13 November 2012.

We write to advise that we have no comment on the captioned report.

Regards,



Mark Cheung
Independent Environmental Checker

KTC/gk

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EXECUTIVE SUMMARY

Introduction

1. This is the 41st 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 October 2012.
2. The major site activities undertaken in the reporting month included:
 - General site cleaning and tidying.
 - Zone 1A Administration Building – Finishing works.
 - Zone 1B Processing Building – Cladding system installation works
 - Zone 1A Administration Building – Windows, louver and doors installation works
 - Zone 1B Processing Building – Windows, louver and doors installation works
 - Zone 1B Fat Preparation Building – Fire paint works
 - Zone 1B Steam Boiler Room Building – Equipment installation works
 - Zone 1B Steam Boiler Room Building – Steel platform erection works
 - Zone 2A Tank Farm – Steel tank erection works
 - Zone 2A Tank Farm – Steel tank fabrication works
 - Zone 2A Tank Farm – Tank sand blasting and painting works
 - Zone 2A GTWSR – Equipment installation works
 - Zone 2B-2E Tank Farm – Steel tank fabrication works
 - WWTP – RC superstructure construction works
 - WWTP – Equipment installation works
 - Jetty – Bore pile installation works
 - Building Services – P&D works
 - Building Services – Fire Service works
 - Building Services – MVAC works
 - Building Services – Electrical works
 - Building Services – Lift installation works
 - External Works – Boundary wall construction works
 - External Works – Storm water drainage works
 - External Works – Foul water drainage works
 - External Works – Fire Services pipes laying works
 - External Works – Cable laying works
 - External Works – Pavement works

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. Environmental Permits No. EP-319/2009 and EP-319/2009/A were 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), Construction Noise Permit (GW-RE0757-12), Wastewater Discharge License (WT00004508-2009), Notification of Works under APCO (337009) and Waste Discharge Account (7013917).

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	1	Noise nuisance	Communicated with complainant	Closed	---
Changes to the assumptions and key construction / operation activities recorded	0	---	N/A	N/A	---
Status of submissions under EP	1	Monthly EM&A Report for August 2012	Submitted to EPD on 13 September 2012	Verified by IEC	---
Notifications of any summons & prosecutions	0	---	N/A	N/A	---

Future Key Issues

6. Major site activities for the coming three months will include:
- General site cleaning and tidying.
 - Administration Building – Finishing works
 - Administration Building – Windows, louver and doors installation works
 - Processing Building – Windows, louver and doors installation works
 - Fat Preparation Building – Finishing works
 - Boiler Room – Roof waterproofing system works
 - Boiler Room – Structural steel works
 - Boiler Room – ABWF works
 - Tank Farm 2A – Tanks erection and fabrication works
 - Tank Farm 2A – Tank sand blasting and painting works
 - Tank Farm 2A GTWSR – Equipment installation works
 - Tank Farm 2A GTWSR – ABWF works excluding windows, louvers and doors
 - Tank Farm 2B-2E – Tank fabrication works
 - Tank Farm 2B-2E – ABWF works excluding windows, louvers and doors

- WWTP – RC superstructure construction works
 - WWTP – IC Reactor erection works
 - WWTP – Water proofing system installation works
 - WWTP – ABWF works excluding windows, louvers and doors
 - Jetty – Bore pile installation works
 - Jetty – Deck Superstructure construction works
 - Pipe Bridge – Pipe support construction works and pipe bridge erection works.
 - External – Boundary wall construction works.
 - Building Services – Fire services works
 - Building Services – MVAC works
 - Building Services – Electrical works
 - Building Services – P&D works
 - Building Services – Lift installation works
 - External Works – Storm water drainage works
 - External Works – Foul water drainage works
 - External Works – Plumbing laying works
 - External Works – Fire Services piping laying works
 - External Works – Cable laying works
 - External Works – Pavement works
7. The future environmental concerns are air quality, water 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 Layout plan of tank farm **2A, 2B to 2E** is revised and a report is made by Environmental Resources Management (ERM) regarding such change. The report concluded that no deviation is found from the approved EIA report.
- 1.5 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.
- 1.6 Cinotech Consultants Limited was commissioned by the Contractor to undertake the Environmental Monitoring and Audit (EM&A) works for the Project. This is the 41st Monthly EM&A report summarizing the EM&A works for the Project in October 2012.

Project Organizations

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

- Project Proponent – ASB Biodiesel (Hong Kong) Limited
- Project Manager – AECOM
- Contractor – China Harbour Engineering Company Limited (CHEC)
- Environmental Team (ET) – Cinotech Consultants Limited
- Independent Environmental Checker (IEC) – Mannings (Asia) Consultants Ltd.

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

1.9 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	Project Proponent	Ms. Sylvia Har	Senior Plant Engineer	9479 0949	3741 1661
Cinotech	Environmental Team	Dr. HF Chan	ET Leader	2151 2088	3107 1388
		Ms. Ivy Tam	Project Coordinator	2151 2090	
		Ms. Betty Choi	Audit Team Leader	2151 2072	
Mannings	Independent Environmental Checker	Mr. Mark Cheung	Independent Environmental Checker	3168 2028	3168 2022
		Mr. Gavin Kwok	Assistant to Independent Environmental Checker	3168 2028	
AECOM	Project Manager	Mr. Matthew Lau	Construction Manager	9363 5586	N/A
CHEC	Contractor	Mr. Peter Chung	Project Manager	9471 2438	2623 9226
		Mr. Anson Wong	Safety and Environmental Officer	9656 3837	
		Mr. Simon Li	Environmental Supervisor (Ass. Planning Engineer)	6152 7867	

Construction Programme

1.10 The site activities undertaken in the reporting month were:

- General site cleaning and tidying.
- Zone 1A Administration Building – Finishing works.
- Zone 1B Processing Building – Cladding system installation works
- Zone 1A Administration Building – Windows, louver and doors installation works
- Zone 1B Processing Building – Windows, louver and doors installation works
- Zone 1B Fat Preparation Building – Fire paint works
- Zone 1B Steam Boiler Room Building – Equipment installation works
- Zone 1B Steam Boiler Room Building – Steel platform erection works
- Zone 2A Tank Farm – Steel tank erection works
- Zone 2A Tank Farm – Steel tank fabrication works
- Zone 2A Tank Farm – Tank sand blasting and painting works
- Zone 2A GTWSR – Equipment installation works
- Zone 2B-2E Tank Farm – Steel tank fabrication works
- WWTP – RC superstructure construction works
- WWTP – Equipment installation works
- Jetty – Bore pile installation works
- Building Services – P&D works
- Building Services – Fire Service works
- Building Services – MVAC works
- Building Services – Electrical works
- Building Services – Lift installation works
- External Works – Boundary wall construction works
- External Works – Storm water drainage works
- External Works – Foul water drainage works
- External Works – Fire Services pipes laying works
- External Works – Cable laying works
- External Works – Pavement works

Summary of EM&A Requirements

1.11 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.

1.12 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 audits were carried out by ET on weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site. The summary of the site audit in this reporting month is attached in **Appendix A**.
- 2.2 Site audits were conducted on 10th, 17th and 24th October 2012 by ET in the reporting month. 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 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)				
GW-RE0757-12	21/09/2012	20/03/2013	Use of Powered Mechanical Equipment during 0000-2400 hours on general holidays (including Sundays), 0000-0700 hours and 1900-2400 hours on any day not being a general holiday.	Valid
Wastewater Discharge License				
WT00004508-2009	07/09/2009	-	Discharge of wastewater from construction site including wheel washing water and chemical precipitation tank	Valid
Billing Account for Disposal of Construction Waste				
A/C No.: 7013917	-	-	-	Valid
Notification of Works under APCO				
Ref. no.: 337009	26/10/2011	-	-	Valid

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

Table 2.2 Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations	Follow-up
Air Quality	10/10/2012	Stockpile not in use should be covered by tarpaulin.	The item was found outstanding during the site inspection and recorded as 121017-R02.
	17/10/2012	Stockpile not in use should be covered by tarpaulin.	Follow up action was taken by the Contractor.
Water Quality	10/10/2012	Bentonite was observed outside the silt curtain. The integrity or the effectiveness of the silt curtain should be checked.	Follow up action was taken by the Contractor.
	17/10/2012	Hole on the temporary pile should be repaired to prevent any overflow of materials from the inside the pile.	Follow up action was taken by the Contractor.
Waste/Chemical Management	24/10/2012	Drip tray should be provided under oil/chemical container. Empty container should be stored at designated location.	The item was found outstanding during the site inspection and recorded as 121102-R02.

Summary of Complaint and Prosecution

- 2.7 1 environmental related complaint was received in the reporting month. The detail can be found in the following table:

Table 2.3 Complaint Details

Complaint No.	Date	Complaint Details
COM-2012-10-004	04/10/2012	A resident in Lohas Park complained about noise nuisance from the site at 11:18pm on 04/10/2012. According to the Contractor, one drilling machine and chiselling machine were in use, which were covered under valid CNP. The Contractor agreed to stop chiselling work after 11pm every day to minimize noise nuisance.

- 2.8 No prosecution or notification of summons was received in the reporting month.
- 2.9 Since the Project commencement, there were a total of 4 project-related environmental complaints. No prosecution or notification of summons was 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;
- Accumulation of C&D waste and general waste on site; and
- Suspended mud, sediment and potential leakage of bentonite slurry from marine piling work for jetty construction.

3.2 In October, bore pile installation was carried out in the jetty area. During the site inspection, silt curtain was erected as a mitigation measure. Bentonite was observed outside the silt curtain during the site inspection on 04 October 2012. The Contractor was reminded to check the integrity or the effectiveness of the silt curtain. A double-layer silt curtain was erected and no further leakage was found in the next inspection. The process will be closely monitored by site staff and during site inspection to prevent leakage.

Construction Program for the Next Months

3.3 A tentative construction programme is provided in **Appendix E**. The major construction activities in the coming three months will include:

- General site cleaning and tidying.
- Administration Building – Finishing works
- Administration Building – Windows, louver and doors installation works
- Processing Building – Windows, louver and doors installation works
- Fat Preparation Building – Finishing works
- Boiler Room – Roof waterproofing system works
- Boiler Room – Structural steel works
- Boiler Room – ABWF works
- Tank Farm 2A – Tanks erection and fabrication works
- Tank Farm 2A – Tank sand blasting and painting works
- Tank Farm 2A GTWSR – Equipment installation works
- Tank Farm 2A GTWSR – ABWF works excluding windows, louvers and doors
- Tank Farm 2B-2E – Tank fabrication works
- Tank Farm 2B-2E – ABWF works excluding windows, louvers and doors
- WWTP – RC superstructure construction works
- WWTP – IC Reactor erection works
- WWTP – Water proofing system installation works
- WWTP – ABWF works excluding windows, louvers and doors
- Jetty – Bore pile installation works
- Jetty – Deck Superstructure construction works

- Pipe Bridge – Pipe support construction works and pipe bridge erection works.
- External – Boundary wall construction works.
- Building Services – Fire services works
- Building Services – MVAC works
- Building Services – Electrical works
- Building Services – P&D works
- Building Services – Lift installation works
- External Works – Storm water drainage works
- External Works – Foul water drainage works
- External Works – Plumbing laying works
- External Works – Fire Services piping laying works
- External Works – Cable laying works
- External Works – Pavement works

4 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

- 4.1 Environmental audit works were conducted in the reporting month. Site inspections were conducted on a weekly basis. The results were reviewed and checked.
- 4.2 1 environmental complaint was received. There was no prosecution or notification of summons.

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.
- To clear the drainage channel regularly to prevent blockage.
- To set up silt curtain around marine piling work.
- To check the integrity of bore pile casing and connection pipes to prevent leakage.
- To monitor bentonite flow rate to prevent overflowing.
- To lower bentonite level in bored pile before concreting work.
- To check the integrity of the silt curtain and its effectiveness in preventing bentonite leakage to open water

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.

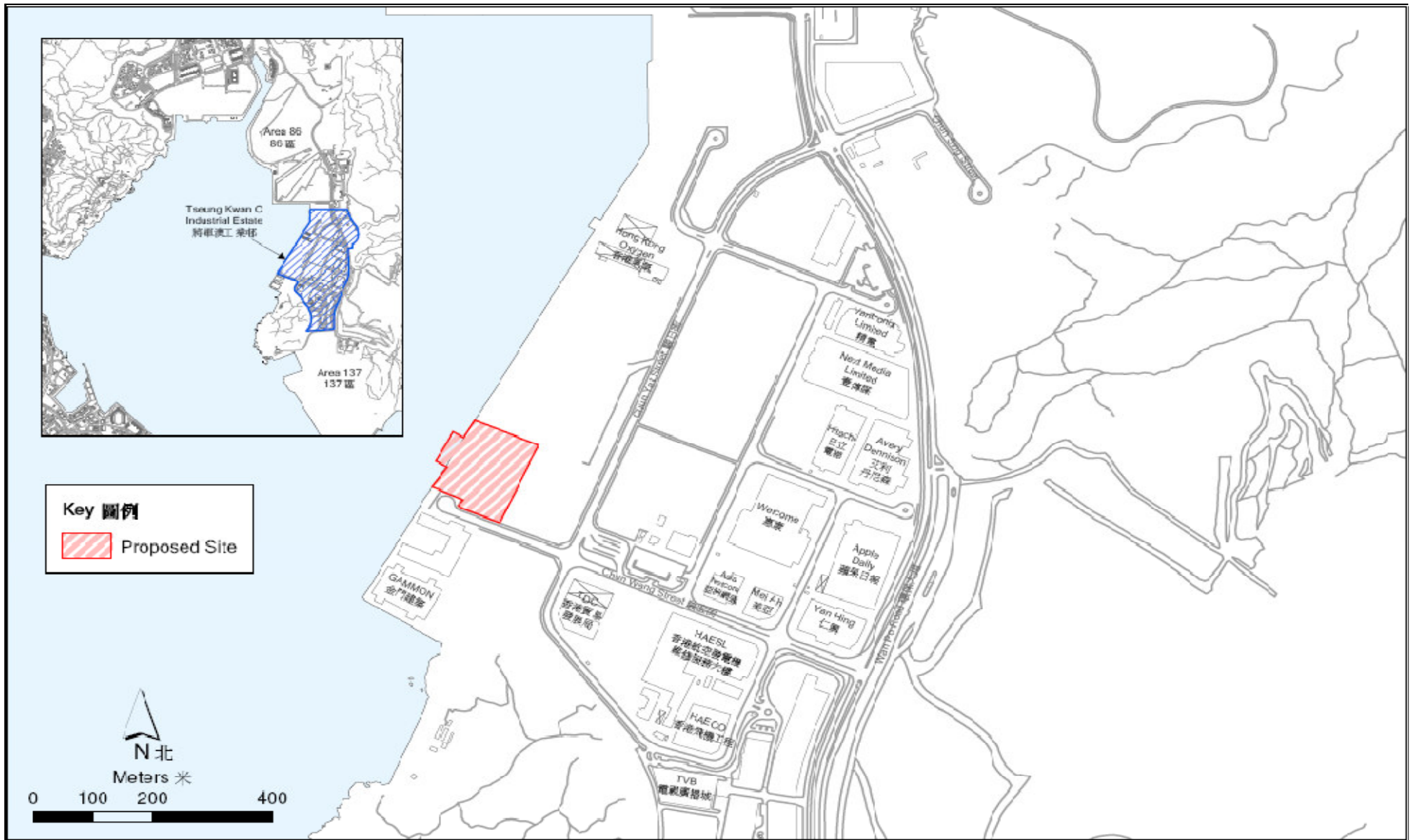
Noise Impact


- 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

Title	Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate		Scale	N.T.S	Project No.	MA9021	CINOTECH
	Site Layout Plan		Date	Jun-09	Figure	1.1	

**APPENDIX A
SITE AUDIT SUMMARY**

Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate

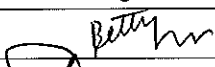
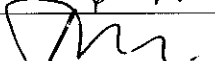
Monthly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	121010
Date	10 October 2012 (Wednesday)
Time	15:45 – 16:45

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

Ref. No.	Remarks/Observations	Related Item No.
121010-R02	<p>A. Water Quality</p> <ul style="list-style-type: none"> Bentonite was observed outside the silt curtain. The integrity or the effectiveness of the silt curtain should be checked. 	N/A
121010-R01	<p>B. Air Quality</p> <ul style="list-style-type: none"> Stockpile not in use should be covered by tarpaulin. <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. Reminders</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>G. Others</p> <p>Follow-up on previous audit section (Ref. No.:120919):</p> <ul style="list-style-type: none"> All environmental deficiencies were improved/rectified by the Contractor. 	C10

	Name	Signature	Date
Recorded by	Betty Choi		11 October 2012
Checked by	Dr. HF Chan		11 October 2012

Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate


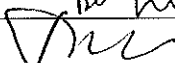
Monthly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	121017
Date	17 October 2012 (Wednesday)
Time	15:45 – 16:45

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

Ref. No.	Remarks/Observations	Related Item No.
121017-R02	<p>A. Water Quality</p> <ul style="list-style-type: none"> Hole on the temporary pile should be repaired to prevent any overflow of materials from the inside the pile. 	N/A
121017-R01	<p>B. Air Quality</p> <ul style="list-style-type: none"> Stockpile not in use should be covered by tarpaulin. <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. Reminders</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>G. Others</p> <p>Follow-up on previous audit section (Ref. No.:121010):</p> <ul style="list-style-type: none"> Environmental deficiency 121010-R01 was not improved/rectified by the Contractor. It was remarked as 121017-R01 in this site inspection. 	C10

	Name	Signature	Date
Recorded by	Betty Choi		18 October 2012
Checked by	Dr. HF Chan		18 October 2012

Development of a Biodiesel Plant at Tseung Kwan O Industrial Estate

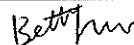
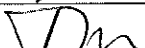
Monthly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	121024
Date	24 October 2012 (Wednesday)
Time	15:45 – 16:15

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

Ref. No.	Remarks/Observations	Related Item No.
121024-R01	<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"> Drip tray should be provided under oil/chemical container. Empty container should be stored at designated location. <p>E. Permit / Licenses</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>F. Reminders</p> <ul style="list-style-type: none"> No environmental deficiency was identified during site inspection. <p>G. Others</p> <p>Follow-up on previous audit section (Ref. No.:121017):</p> <ul style="list-style-type: none"> All environmental deficiencies were improved/rectified by the Contractor. 	E2, E8

	Name	Signature	Date
Recorded by	Betty Choi		24 October 2012
Checked by	Dr. HF Chan		24 October 2012

**APPENDIX B
UPDATED ENVIRONMENTAL
MITIGATION IMPLEMENTATION
SCHEDULE**

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

Types of Impacts	Mitigation Measures	Status
Construction Dust	<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>^</p> <p>^</p> <p>^</p> <p>^</p> <p>^</p> <p>^</p> <p>^</p>
Construction Noise	<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>^</p> <p>^</p> <p>^</p> <p>^</p> <p>^</p> <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.

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. 	^
	<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 data-bbox="394 225 902 256"><u>Sewage generated from On-site Workforce</u></p> <ul data-bbox="443 296 1980 427" style="list-style-type: none"> <li data-bbox="443 296 1980 360">• 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 data-bbox="443 363 1980 427">• 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 data-bbox="2040 296 2101 320">N/A</p> <p data-bbox="2056 363 2085 387">^</p>
<p data-bbox="215 488 315 520">Ecology</p>	<ul data-bbox="443 472 1980 563" style="list-style-type: none"> <li data-bbox="443 472 1980 563">• 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 data-bbox="2056 488 2085 512">^</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:** October 2012

Log Ref.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
COM-2012-08-001	Jetty Area	28-08-2012	A resident in Lohas Park complained about noise nuisance from the site.	Investigation by EPD identified the source to be chiselling work at the jetty area. Although the chisel machines were covered by valid CNP, the Contractor decided to suspend the corresponding work during restricted hours. The machine was later covered by sound proof canvas to minimize noise transmission. Subsequent inspection and noise measurement by the EPD on 3 rd September 2012 concluded that the noise reduction measure was effective and acceptable at Lohas Park.	Closed
COM-2012-09-002	Jetty Area	07-09-2012	A resident in Lohas Park complained about noise nuisance from the site.	Investigation by EPD identified the source to be chiselling work at the jetty area. Only one chisel machine was operated on the day of complain and it was screened by sound proof canvas. Although the machine was covered by valid CNP, the Contractor decided to suspend the corresponding work during restricted hours during investigation period. Subsequent inspection and noise measurement (daytime at site, night time at Lohas Park) by the EPD on 12 th September 2012 concluded that the noise levels were acceptable at Lohas Park.	Closed
COM-2012-09-003	Jetty Area	27-09-2012	A resident in Lohas Park complained about noise nuisance from the site.	The chisel machine used at JP3 of the jetty area was identified as the noise source. According to the Contractor, the machine was screened by sound proof canvas. Although the machine was covered by valid CNP, the Contractor decided to carry out the corresponding work during normal operation hours only. This was agreed with the complainant in Lohas Park.	Closed
COM-2012-09-004	Not Specified	04-10-2012	A resident in Lohas Park complained about noise nuisance from the site at 11:18pm.	According to the Contractor, According to the Contractor, only one drilling machine and chiselling machine were in use, which were covered by valid CNP. We advised the Contractor to communicate with the residents in Lohas Park given consistent noise complains. The Contractor explained to the	Closed

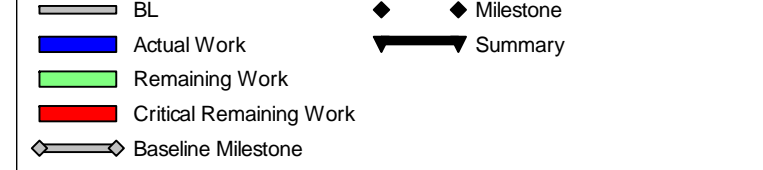
Log Ref.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
				complainant that chiselling work will stop at 11pm every day and start after 10am during weekends to minimize noise nuisance. Further in November, a noise enclosure was erected to cover the noisy part of the chiselling machine.	

Remarks: N/A

APPENDIX E
CONSTRUCTION PROGRAMME

Activity ID	Activity Name	BL Start	BL Finish	Current Duration	Current Start	Current Finish	% Complete	Delay from Initial	Total Float	2012												2013							
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	
FP-Plumbing and Drainage		22-Jan-13	21-Feb-13	30	22-Jan-13	21-Feb-13		0	-111																				
A19055	FP-Installation of sanitary fittings	22-Jan-13	21-Feb-13	30	22-Jan-13	21-Feb-13	0%	0	-111																				
FP-Electrical		28-Dec-12	26-Jan-13	45	28-Dec-12	10-Feb-13		-15	-100																				
A19050	FP-Lighting installation works	28-Dec-12	26-Jan-13	30	28-Dec-12	26-Jan-13	0%	0	-100																				
A19061	FP-BS Final connection works	12-Jan-13	26-Jan-13	30	12-Jan-13	10-Feb-13	0%	-15	-100																				
FP-Fire Services				0					0																				
FP-Processing Works		12-Jan-13	08-Mar-13	56	12-Jan-13	08-Mar-13		0	252																				
A18900	FP-BDI Pipe insulation, Process Electrical & Instrumentation Works	12-Jan-13	08-Mar-13	56	12-Jan-13	08-Mar-13	0%	0	252																				
1B - Boiler Room		26-Oct-12	08-Mar-13	134	26-Oct-12	08-Mar-13		0	388																				
Boiler Room Structural and Builder's Work		26-Oct-12	14-Feb-13	112	26-Oct-12	14-Feb-13		0	45																				
A19800	BR-Cladding Roof Installation	16-Nov-12	16-Dec-12	31	16-Nov-12	16-Dec-12	0%	0	-111																				
A19900	BR-Chimney Works	16-Nov-12	16-Dec-12	31	16-Nov-12	16-Dec-12	0%	0	-21																				
A20110	BR-Installation of windows, louvers and doors 1st stage	17-Dec-12	15-Jan-13	30	17-Dec-12	15-Jan-13	0%	0	16																				
A20120	BR-Installation of windows, louvers and doors 2nd stage	16-Jan-13	14-Feb-13	30	16-Jan-13	14-Feb-13	0%	0	45																				
A20130	BR-ABWF works excluding windows, louvers and doors	17-Dec-12	14-Feb-13	60	17-Dec-12	14-Feb-13	0%	0	-111																				
A20140	BR-Installation of roof waterproofing system works	26-Oct-12	24-Nov-12	30	26-Oct-12	24-Nov-12	0%	0	-177																				
BR-Plumbing and Drainage		10-Jan-13	09-Feb-13	30	10-Jan-13	09-Feb-13		0	-110																				
A20055	BR-Installation of sanitary fittings	10-Jan-13	09-Feb-13	30	10-Jan-13	09-Feb-13	0%	0	-110																				
BR-Electrical		31-Dec-12	29-Jan-13	30	31-Dec-12	29-Jan-13		0	-118																				
A20030	BR-BS Cable laying works(Electrical) 1st stage	31-Dec-12	29-Jan-13	30	31-Dec-12	29-Jan-13	0%	0	-118																				
BR-Fire Services		31-Dec-12	29-Jan-13	30	31-Dec-12	29-Jan-13		0	-29																				
A20080	BR-BS Sprinkler installation works(Fire Services)	31-Dec-12	29-Jan-13	30	31-Dec-12	29-Jan-13	0%	0	-29																				
BR-Processing Works		12-Jan-13	08-Mar-13	56	12-Jan-13	08-Mar-13		0	388																				
A19700	BR-BDI Pipe insulation, Process Electrical & Instrumentation Works	12-Jan-13	08-Mar-13	56	12-Jan-13	08-Mar-13	0%	0	388																				
2A - Tank Farm		02-Nov-12	14-Feb-13	133	13-Oct-12 A	22-Feb-13		-8	-116																				
Tank Farm 2A Structural and Builder's Work		02-Nov-12	02-Dec-12	30	02-Nov-12	02-Dec-12		0	-98																				
A21100	2A-ABWF works in Tank Farm 2A	02-Nov-12	02-Dec-12	30	02-Nov-12	02-Dec-12	0%	0	-98																				
2A-Plumbing and Drainage		02-Dec-12	04-Feb-13	64	02-Dec-12	04-Feb-13		0	-98																				
A20810	2A-BS Piping works(Plumbing) 1st Stage	02-Dec-12	03-Jan-13	32	02-Dec-12	03-Jan-13	0%	0	-98																				
A20820	2A-BS Piping works(Plumbing) 2nd stage	03-Jan-13	04-Feb-13	32	03-Jan-13	04-Feb-13	0%	0	-98																				
2A-Electrical		14-Jan-13	14-Feb-13	32	14-Jan-13	14-Feb-13		0	-120																				
A20830	2A-BS Cable laying works stage 1 (Electrical)	14-Jan-13	14-Feb-13	32	14-Jan-13	14-Feb-13	0%	0	-120																				
2A-Fire Services		14-Jan-13	14-Feb-13	133	13-Oct-12 A	22-Feb-13		-8	-133																				
A20850	2A-BS Piping installation works(Fire Services)	14-Jan-13	14-Feb-13	120	13-Oct-12 A	10-Feb-13	15%	5	-120																				
A20860	2A-BS Sprinkler installation works(Fire Services)	14-Jan-13	14-Feb-13	120	13-Oct-12 A	10-Feb-13	15%	5	-120																				
A20880	2A-BS Cable laying works(Fire Services)	14-Jan-13	12-Feb-13	40	14-Jan-13	22-Feb-13	0%	-10	-133																				
2A-Processing Works				0					0																				
2A - GTW Separation Room		28-Sep-12	26-Jan-13	122	27-Sep-12 A	26-Jan-13		0	293																				
GTWSR Structural and Builder's Work		26-Oct-12	22-Nov-12	28	26-Oct-12	22-Nov-12		0	-69																				
A22000	GTWSR-ABWF works including windows, louvers and door but exclud	26-Oct-12	22-Nov-12	28	26-Oct-12	22-Nov-12	0%	0	-69																				
GTWSR-Plumbing and Drainage		02-Nov-12	30-Dec-12	59	02-Nov-12	30-Dec-12		0	-48																				
A21910	GTWSR-BS Piping works(Plumbing)	02-Nov-12	24-Nov-12	45	02-Nov-12	16-Dec-12	0%	-22	-48																				
A21920	GTWSR-BS Piping works(Drainage)	02-Nov-12	23-Nov-12	45	02-Nov-12	16-Dec-12	0%	-23	-48																				
A22200	GTWSR-BS Plumbing and Drainage Testing	17-Dec-12	30-Dec-12	14	17-Dec-12	30-Dec-12	0%	0	-48																				
GTWSR-Electrical		02-Nov-12	05-Jan-13	65	02-Nov-12	05-Jan-13		0	-24																				
A21940	GTWSR-BS Cable exposed conduits laying works(Electrical)	02-Nov-12	23-Nov-12	30	02-Nov-12	01-Dec-12	0%	-8	-69																				
A21950	GTWSR-Lighting installation works	09-Nov-12	08-Dec-12	30	09-Nov-12	08-Dec-12	0%	0	-69																				

2013
Jan Feb Mar Apr May



Proposed Bio-Diesel Plant at T.K.O. Lot 39 Main Contract for All Remaining Works

3 Month Rolling Programme (26 October 2012)

Date	Revision	Checked	Approved
26-Oct-12	3 Month Rolling Programme		

Activity ID	Activity Name	BL Start	BL Finish	Current Duration	Current Start	Current Finish	% Complete	Delay from Initial	Total Float	2012												2013					
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
Jetty Structural and Builder's Work											02-Mar-13, Jet																
A24140	4A-Construct upto 10 nos of Jetty Bored Piles	26-Oct-12	11-Mar-13	131	23-Oct-12 A	02-Mar-13		9	-146	4A-Construct upto 10 nos of Jetty																	
A24210	4A-Construct upto 14 nos of Jetty Bored Piles	26-Oct-12	22-Nov-12	20	23-Oct-12 A	11-Nov-12	40%	11	-146	4A-Construct upto 14 nos of Jetty																	
A24215	4A-Submit BA14 for Pile Works	01-Nov-12	29-Nov-12	28	01-Nov-12	29-Nov-12	0%	0	-146	4A-Submit BA14 for Pile Work																	
A24220	4A-Piles Test	29-Nov-12	13-Dec-12	14	29-Nov-12	13-Dec-12	0%	0	-146	4A-Piles Test																	
A24310	4A-Pile Cap and Superstructure of Jetty Deck concreting works	06-Dec-12	27-Dec-12	21	06-Dec-12	27-Dec-12	0%	0	-146	4A-Pile Cap a																	
Jetty-Plumbing and Drainage											0																
Jetty-Electrical											0																
Jetty-Fire Services											0																
Pipe Bridge & Pipe Trench Works											07-Feb-13, Pipe Br																
A24900	Pipe Bridge Between FAT and WWTP (PB 5)	26-Oct-12	09-Mar-13	105	26-Oct-12	07-Feb-13		30	-42	07-Feb-13, Pipe Br																	
A24910	Pipe Bridge Between FAT and WWTP (PB 5)	29-Dec-12	27-Jan-13	30	29-Dec-12	27-Jan-13	0%	0	-31	Pipe Bridge Between																	
A24910	Erection of steel pipe racks at Tank Farm 2A & GTWSR (Tower 3 & PE	26-Oct-12	24-Nov-12	30	26-Oct-12	24-Nov-12	0%	0	-55	Erection of steel pipe racks at Tan																	
A24920	Erection of pipe bridge between Tank Farm 2A and Tank Farm 2B-2E (29-Nov-12	28-Dec-12	30	29-Nov-12*	28-Dec-12	0%	0	-58	Erection of pipe bridge betw																	
A24930	Erection of steel pipe racks at Tank Farm 2B-2E (Tower 1 & PB 7)	26-Oct-12	24-Nov-12	60	26-Oct-12	24-Dec-12	0%	-30	-85	Erection of steel pipe racks a																	
A25000	Pipe Bridge Between PB and FP (PB3,4)	29-Dec-12	31-Jan-13	30	29-Dec-12	27-Jan-13	0%	4	-58	Pipe Bridge Between																	
A25100	Pipe Trench from WWTP to Jetty	09-Jan-13	09-Mar-13	30	09-Jan-13	07-Feb-13	0%	30	-123	Pipe Trench fr																	
External Works											22-Feb-13, Exte																
External Drainage Works											07-Feb-13, Externa																
Storm water manhole and pipe works											07-Feb-13, Storm v																
A25240	Storm water manhole works 4th stage	06-Oct-12	28-Jan-13	127	06-Oct-12 A	07-Feb-13		-10	-123	Storm water manhole works 4t																	
A25250	Storm water manhole works 5th stage	06-Oct-12	28-Jan-13	127	06-Oct-12 A	07-Feb-13		-10	-123	Storm water manhole wc																	
A25260	Storm water manhole works 6th stage	10-Nov-12	29-Dec-12	60	10-Nov-12	08-Jan-13	0%	-10	-123	Storm water manho																	
Foul water manhole and pipe works											07-Feb-13, Foul wa																
A25300	Faul Water manhole and the pipe works between the manholes with th	06-Oct-12	07-Feb-13	125	06-Oct-12 A	07-Feb-13		0	-69	Faul Water manhole and the p																	
A25310	Faul Water manhole and the pipe works between the manholes with th	06-Oct-12	07-Feb-13	125	06-Oct-12 A	07-Feb-13		0	-69	Faul Water manhole and																	
A25320	Faul Water manhole and the pipe works between the manholes with th	10-Nov-12	08-Jan-13	60	10-Nov-12	08-Jan-13	0%	0	-69	Faul Water manhol																	
External Pumping Works											28-Jan-13, External P																
Fresh water main installation works											23-Jan-13, Fresh wa																
A25540	Installation of external fresh watermain 4th stage	26-Oct-12	28-Jan-13	106	15-Oct-12 A	28-Jan-13		0	-77	Installation of external fresh																	
A25550	Installation of external fresh watermain 5th stage	26-Oct-12	28-Jan-13	106	15-Oct-12 A	28-Jan-13		0	-72	Installation of external fresh																	
A25560	Installation of external fresh watermain 6th stage	26-Oct-12	28-Jan-13	106	15-Oct-12 A	28-Jan-13		0	-72	Installation of external																	
Salt water main installation works											28-Jan-13, Salt water																
A25570	Installation of external salt watermain 4th stage	26-Oct-12	28-Jan-13	106	15-Oct-12 A	28-Jan-13		0	-77	Installation of external salt w																	
A25580	Installation of external salt watermain 5th stage	26-Oct-12	28-Jan-13	106	15-Oct-12 A	28-Jan-13		0	-72	Installation of external salt w																	
A25590	Installation of external salt watermain 6th stage	29-Nov-12	28-Jan-13	60	29-Nov-12	28-Jan-13	0%	0	-77	Installation of externa																	
Fire Services Works											28-Jan-13, Fire Servi																
A25470	External - Fire Services pipe works 4th Stage	26-Oct-12	28-Jan-13	108	13-Oct-12 A	28-Jan-13		0	-77	External - Fire Services pipe																	
A25480	External - Fire Services pipe works 5th Stage	26-Oct-12	28-Jan-13	108	13-Oct-12 A	28-Jan-13		0	-72	External - Fire Services pipe																	
A25490	External - Fire Services pipe works 6th Stage	29-Nov-12	28-Jan-13	60	29-Nov-12	28-Jan-13	0%	0	-77	External - Fire Servi																	
External Service Cable Works											22-Feb-13, Exte																
A25710	Exteranal cable duct and draw pits instalation works 4th stage	26-Oct-12	22-Feb-13	120	26-Oct-12	22-Feb-13		0	-72	Exteranal cable duct and draw																	
A25720	Exteranal cable duct and draw pits instalation works 5th stage	26-Oct-12	22-Feb-13	120	26-Oct-12	22-Feb-13		0	-72	Exteranal cable duct an																	
A25730	Exteranal cable duct and draw pits instalation works 6th stage	25-Nov-12	23-Jan-13	60	25-Nov-12	23-Jan-13	0%	0	-72	Exteranal cable dt																	
Road Works											04-Feb-13, Road W																
A25640	Road Works with associated surface channels and catch pits 4th stage	26-Oct-12	22-Feb-13	120	26-Oct-12	22-Feb-13		0	-72	Road Works with associat																	
A25650	Road Works with associated surface channels and catch pits 5th stage	07-Nov-12	07-Dec-12	90	07-Nov-12	04-Feb-13		-59	-6	Road Works with as																	
Boundary Wall Construction Works											03-Dec-12, Boundary Wall Con																
A25640	Road Works with associated surface channels and catch pits 4th stage	07-Nov-12	07-Nov-12	60	07-Nov-12	05-Jan-13	0%	-59	-127	Road Works with associat																	
A25650	Road Works with associated surface channels and catch pits 5th stage	07-Dec-12	07-Dec-12	60	07-Dec-12	04-Feb-13	0%	-59	-6	Road Works with as																	
Boundary Wall Construction Works											03-Dec-12, Boundary Wall Con																

BL
 Actual Work
 Remaining Work
 Critical Remaining Work
 Baseline Milestone

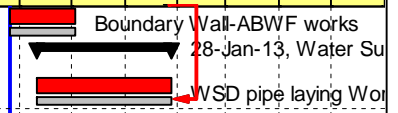
◆ Milestone
 Summary

Proposed Bio-Diesel Plant at T.K.O. Lot 39 Main Contract for All Remaining Works

3 Month Rolling Programme (26 October 2012)

Date	Revision	Checked	Approved
26-Oct-12	3 Month Rolling Programme		

Activity ID	Activity Name	BL Start	BL Finish	Current Duration	Current Start	Current Finish	% Complete	Delay from Initial	Total Float	2012												2013											
										Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May					
A25530	Boundary Wall-ABWF works	26-Oct-12	03-Dec-12	39	26-Oct-12	03-Dec-12	0%	0	-94																								
	Water Supply Works	11-Nov-12	28-Jan-13	78	11-Nov-12	28-Jan-13		0	-77																								
A25700	WSD pipe laying Works	11-Nov-12	28-Jan-13	78	11-Nov-12	28-Jan-13	0%	0	-77																								
	Maintenance Period			0					0																								
	FS & OP Inspection			0					0																								
	Works By Other Contractors			0					0																								
	Works By BDI			0					0																								
	BDI Processing Pipe Installation Works			0					0																								
	BDI Preliminaries			0					0																								
	BDI Testing and Commissioning			0					0																								



- BL
- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary
- Baseline Milestone

Proposed Bio-Diesel Plant at T.K.O. Lot 39 Main Contract for All Remaining Works

3 Month Rolling Programme (26 October 2012)

Date	Revision	Checked	Approved
26-Oct-12	3 Month Rolling Programme		