

CLP Power Hong Kong Ltd

Renewable Energy Supply on  
Town Island (Construction  
Phase): *8th Monthly*  
*Environmental Site Audit Report*

November 2011

**Environmental Resources Management**

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REPORT

CLP Power Hong Kong Ltd

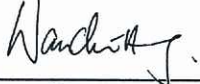
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Reference 0129569

For and on behalf of ERM-Hong Kong, Limited

Approved by: Frank Wan

Signed: 

Position: Partner

Certified by : Winnie Ko

Signed : 

Position : Independent Environmental Checker

Date : 24 November 2011

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# 1 ENVIRONMENTAL SITE AUDIT

## 1.1 BACKGROUND

The construction works of *Renewable Energy Supply on Town Island* (the Project) has commenced in March 2011.

To fulfill Condition 2.2 of the Environmental Permit (EP-397/2010) and environmental audit requirements stated in Section 5.7.1 of the approved Project Profile (PP) submitted for direct application of an Environmental Permit under EIA Ordinance (EIAO) (PP-413/2010), monthly environmental site audits should be undertaken to ensure that the mitigation measures recommended in PP are properly implemented.

This is the eighth *Monthly Environmental Site Audit Report* presenting the key findings and observations of the site audit conducted on 17 November 2011.

## 1.2 SITE AUDIT FINDINGS AND OBSERVATIONS

The eighth monthly environmental site audit was conducted on 17 November 2011. No construction activities were observed during the site inspection. Only land surveying works has been done during the reporting period. All the temporary worksites have been reinstated. Two observations were recorded during the site audit and are described below:

- Plastic warning tape was observed tied on trees at the temporary worksite for underground pipe and cabling works (Photo 1). The Contractor was reminded to remove the tape in order to protect the trees.
- Some paint marking on soil and grassland was observed at the temporary worksite for underground pipe and cabling works (Photo 2). The Contractor was reminded to remove the paint marking and reinstate the site.

The environmental site audit checklist is appended in *Annex A*.

Photos of the site audit are given in *Annex B*.



Annex A

# Environmental Site Audit Checklist



Inspection Date:  Time:  to

Inspected By: IEC Representative : Andrew Fung  
 CLP Representative : Raymond Ho  
 Contractor : Rebel Hui, Henry Lee

**Weather**

Condition  Sunny  Fine  Overcast  Drizzle  Rain  Storm  Hazy  
 Temperature  °C Humidity  High  Moderate  Low  
 Wind  Calm  Light  Breeze  Strong

A General		Yes	Yes, but need Improvement	No	N/A or not observed	Photo/Remarks
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B Air Quality		Yes	Yes, but need Improvement	No	N/A or not observed	Photo/Remarks
B1	Is open burning avoided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B2	Are exposed soil surfaces regularly watered to avoid generation of dust?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B3	Are plant and equipment well maintained? (ie without black smoke from powered plant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B4	Are stockpiles of dusty material covered or regularly watered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B5	Is watering implemented during excavation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B6	Is generation of dust avoided during loading/unloading/excavation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C Noise		Yes	Yes, but need Improvement	No	N/A or not observed	Photo/Remarks
C1	Is the Construction Noise Permit displayed at the entrances / exits? (if any)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Construction Work.
C2	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C3	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C4	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C5	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C6	Is the number of construction plant being used minimized?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C7	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C8	Do compressors operate with doors closed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D Water Quality		Yes	Yes, but need Improvement	No	N/A or not observed	Photo/Remarks
D1	Is wastewater discharge license, if any, available for inspection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D2	Is drainage system adequate?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D3	Is drainage system well maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
D4	Is debris and rubbish in the drainage system collected and disposed of properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

G2	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	} No Construction work.
G3	Are temporary work sites/disturbed areas reinstated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G4	Is disturbance to streams avoided during cable laying?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G5	Is any alternative method adopted for laying cable across stream between Sites 1 and 2?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Items for Inspection**

- Site 1 (No construction work. Land surveying has been conducted.)
- Temporary worksite for underground pipe and cabling works (No construction work. Land surveying has been conducted.)
- Site 2 (No construction work. Land surveying has been conducted.)

**Notes / Issues Recorded On Site**

- 1) Warning tap was observed tied on trees at the temporary worksite for underground pipe and cabling works.
- 2) Some paint marking on soil and grassland was observed at the temporary worksite for underground pipe and cabling works.

**Corrective Actions**

- 1) The Contractor was reminded to remove the warning tap in order to protect the trees.
- 2) The Contractor was reminded to remove the paint marking and reinstate the site.

**Signatures:**

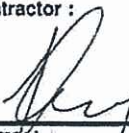
IEC Representative :

  
 (Name: Andrew Fung )

CLP Representative :

  
 (Name: Raymond Ho )

Contractor :

  
 (Name: Henry Lee )



Annex B

## Photo Records



Photo Records on 17 November 2011



Photo 1 - Plastic warning tape was observed tied on trees at the temporary worksite for underground pipe and cabling works.



Photo 2 - Some paint marking on soil and grassland was observed at the temporary worksite for underground pipe and cabling works.