REPORT

CLP Power Hong Kong Ltd

Renewable Energy Supply on Town Island (Construction Phase): 5th Monthly Environmental Site Audit Report

August 2011

Environmental Resources Management

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24 August 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 fifth *Monthly Environmental Site Audit Report* presenting the key findings and observations of the site audit conducted on 12 August 2011.

1.2 SITE AUDIT FINDINGS AND OBSERVATIONS

The fifth monthly environmental site audit was conducted on 12 August 2011. No construction activities were observed during the site inspection and the worksite for underground pipe and cabling works has been reinstated (Photo 1). No specific observation was identified from the site inspection..

The remedial actions for the environmental deficiency which were recorded during the previous reporting period has been taken and verified during the site inspection:

 The stagnant water inside the scoop of excavator has been removed and the scoop has been turned upside down to prevent accumulation of stagnant water.

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



Renewable Energy Supply on Town Island Construction Phase - Environmental Site Audit



ı	KIVI								
Ir	spection Date:	11-08-2011	Time:	10:00	to	D VIEW	11:00		
	Inspected By:	cipected By: IEC Representative : Angus Choi CLP Representative : Raymond Ho Contractor : K. Q. Cheung							
Co		Sunny Fine Fine Calm V Light	Humidity Hig	zzle Rain gh √ Moder ong		ow	Hazy		
A	General			Yes	Yes, but need Improveme		N/A or not observed	Photo/Remarks	
A1	Is the Environ	mental Permit displayed at	the entrances / exits?	V					
В	Air Quality			Yes	Yes, but need Improveme		N/A or not observed	Photo/Remarks	
B1	ls open burnin	THE RESERVE OF THE PARTY OF THE					V)		
B2 B3		equipment well maintained	red to avoid generation of o	dust?			7	No construction	
B4		of dusty material covered	or regularly watered?				N	works and site has been reinstated.	
85		plemented during excavati			H	H	7		
86	Is generation of	of dust avoided during load	fing/unloading/excavation?				团人		
C	Noise			Yes	Yes, but need		N/A or not observed	Photo/Remarks	
				464 L	Improveme	nt		No works in	
C1	to the Construct (If any)	ction Noise Permit displays	ed at the entrances / exits?				1	restricted hour	
C2	Are all plant ar condition?	nd equipment well maintain	ned and in good operating				T)		
СЗ	is idle equipme	ent turned off or throttled d	own?				T (No construction	
C4	Are powered nater	nechanical equipment covials?	ered or shielded by				T	works and site has been reinstated.	
C5	Are silenced e	quipment used where prac	ticable?				団ノ		
C8	is the number	of contstruction plant being	used minimized?	1					
C7	Do air compres	sears have valid noise labo	ola?				No	air compressors on	
C8	Do compresso	rs operate with doors clos	sd?				T	elia	
0	Water Quality			Yes	Yes, but need		N/A or not observed	Photo/Remarks	
D1	is wastewater	discharge license, if any, a	vailable for inspection?				T		
D2		tem adequate?		H	H	H	7	No construction	
D3	ls drainage sys	tem well maintained?					77	works and site has been reinstated.	
D4	is debris and n	ubbish in the drainings aye	em collected and				司		

il Is	damage and disturbance to the remaining and surrounding natural	T				
		Yes	Yee, but need nprovement		NA or it observed	Photo/Remarks
p	re potential stagnant pools cleared and mosquito breeding revented?	4				
	Seneral / Housekeeping	Yes	Yes, but need inprovemen		N/A or ot observed	Photo/Remarks
E18	Relevant license/permit/trip tickets/chits for disposal of construction waste or excavated materials available for inspection?					
E17	If suspected contaminated, appropriate procedures followed?				T	
E16	Appears uncontaminated? (colour, odour)				N	
E	as an alternative to ordering imported fill material?				V	
E15	Are surplus inert materials being reused where practical				V	
E14	Transported offsite by boat for proper disposal?		H	H		
	Is sorting conducted on site?				V	
E13	Construction Waste Reused where practicable?					
	sealed areas?					
E12	Adequate bund capacity? (>110% of the largest tank) Are storage areas provided with locks and located on				V	been reinstated.
E11	ls storage area bunded?				V	works and site has
E10	fuels stored on site, those equipment which potentially have oil leakage and for the area where maintenance works carrying out?					No construction
E9	Are all spillage containment provided for all chemicals, oils and				V	
	Chemical/fuel storage area				V	
E8	Disposed of properly? Trip tickets/ chits available for inspection?				V	
E6	Labelled properly?				V	
E5	Stored properly in designated area?				V	
E4	Is the Chemical Waste Producer Registration available for inspection?				V	
E3	Disposed of regularly and properly? Chemical waste, waste oil				1	
E2 E3	Receptacles (e.g. rubbish bins) available?				7	VER SER
E1	General refuse Accumulation avoided?					
			Improveme		not observe	ed
E	Waste/Chemical Management	Yes	Yes, but need	No	N/A or	Photo/Remarks
D11	Is cable trenching works scheduled to be carried out during dry season?				V	L. C. PRICE
	crossing the stream between Sites 1 and 2?	Ш	Ш		1	No trenching
	Are trenching carried out for the section of cable in the vicinity of and					
D9	Are the temporary stockpiles located away from stream or coastline?				V	
D8	Is the capacity of sedimentation tank adequate? Is the sedimentation free from silt and sediment?				1	been reinstated
D6	The second results for setting renow prior to disposal?				V	No construction works and site h
De	With silt retention pond?				V	
	Watercourse?				V	
D5	Are there temporary ditches for runoff discharge into appropriate					
	disposed of property?					

Is damage to surrounding areas avoided?		shrubby grassland and yound woodland habitats avoided? (particularly those caused by filling and illegal dumping)
Notemborary work elear/disturbed areas reinstated? V No temp work Indicator V No temp work Indicator V No cable laying? V No cable laying work Indicator V No cable laying work V Indicator V No cable laying work V Indicator V Indicator V Indicator V V Indicator Indicator V Indicator V Indicator V Indicator Indicator V Indicator Indicato	G2	
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Signatures: Items for inspection Site 1. Reinstated worksite for underground pipe and cabling works. No construction activities were observed during site inspection. Notes / Issues Recorded On Site No construction activities were observed during the site inspection. Construction machines were fenced off. Corrective Actions N/A Signatures: IEC Representative: CLP Representative: Cantractor:	G4	Is disturbance to streams evoided during cable to in a
Site 1. Reinstated worksite for underground pipe and cabling works. No construction activities were observed during site inspection. Notes / Issues Recorded On Site No construction activities were observed during the site inspection. Construction machines were fenced off. Corrective Actions N/A Signatures: IEC Representative: CLP Representative: Contractor: Chamo: Actions Actions Contractor: Chamo: Contractor: Chamo: Contractor: Contractor: Chamo: Chamo:	G5	and the metric and accopied for laying cable across stream between
Reinstated worksite for underground pipe and cabling works. No construction activities were observed during site inspection. Notes / Issues Recorded On Site No construction activities were observed during the site inspection. Construction machines were fenced off. Corrective Actions N/A		Items for Inspection
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Corrective Actions N/A Signatures: IEC Representative: CLP Representative: Contractor: Character: Character:		- No construction activities were observed during the site inspection. Construction
Signatures: IEC Representative: CLP Representative: Contractor:		
Signatures: IEC Representative: CLP Representative: Contractor:		Corrective Actions
IEC Representative : CLP Representative : Contractor :	1	VA .
CLP Representative: Contractor:		
CLP Representative: Contractor:	1	
CLP Representative: Contractor:		
CLP Representative: Contractor:		
(Name: Raymond Ho) (Name: R.Q. Cheung		C Representative :
(Name: Angue Chol) (Name: Raymond Ho) (Name: K.Q. Cheung		Cry. 11.
	(N	amo: Angue Chol) (Name: Raymond Ho) (Name: K.Q. Cheung

Annex B

Photo Records

Photo Records on 12 August 2011



Photo 1 - The worksite for underground pipe and cabling works have been reinstated.