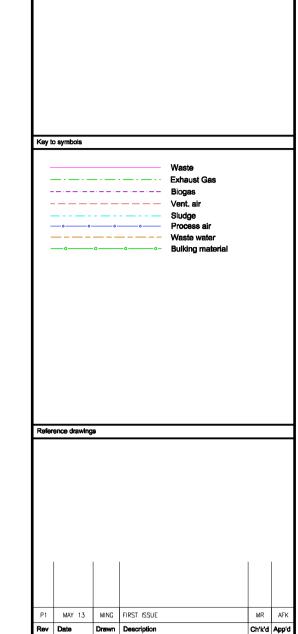


19.2

	UNIT
1	Reception
2	Preparation system
3	Pulper
4	Grit removal system
5	Suspension buffer tank
6	Heat Exchangers (Recovery)
7	Heat Exchangers (Heating)
8	Hygienisation
9	Separator
10	Composting system
11 / 12	WWTP
13	3 x Digesters
14	Flare
15	Gascleaning system
16	Gasholders
18	CHP
19.1-2-3	Ventilator
20	PH adjustment
21	Ozone / UV
22	Carbon filter
23	Chimney





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Clier



Environmental Protection Department The Government of the Hong Kong Special Administrative Region

Project

AGREEMENT NO. CE34/2011(EP)
DEVELOPMENT OF ORGANIC WASTE
TREATMENT FACILITIES PHASE 2 FEASIBILITY STUDY

Title

PROCESS FLOW DIAGRAM BIOGAS OPTION A (CHP)

wing Number							
ale at A1		Status PRE		P1			
g check	MR		Approved	AFK			
lwn	MING		Coordination	AT			
signed	MR		Eng check	AT			

FIGURE 2.3a

Mott MacDonald Hong Kong Limite

Off-site Recovery / Disposal

Treated Effluent

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297677/REPORT/EN/VEIA\130503\FIG 2-3a.dgn DATE: 13/09/2013 TIME: 15:25

Sludge