Appendix I

Site Audit Summary

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation and Dredging Weekly Site Inspection Checklist

Inspection of	late 2/5/62 Time 2036 pm Inspects	d By	<u> </u>	À	ley (<u> </u>
Site	LHX- Ste Fornation	. :	Cont		ir tga	≈ <u>∆;0. N (</u>
Weather		- 12 -	* =4 + .			e11
Condition	Sunny Fine Overcast Hazy		Drizz	zle: [Ra	in Storm
Temperatu	re 🛂 ℃ 💛 Humidity 🔙 High 🗹 Moderat	e	Low	•		
Wind	Calm Light Breeze Strong				·	· ·:.
GENERAL				•		
Ref.	Checklist Condition	N/A.	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		$\sqrt{}$			
AIR QUAL	ту	:				
Ref.	Checklist Condition .	N/A	Yes	No	. Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/	}		
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
СарЗП	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	1		٠.		
	Construction Sites	•				
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?			1 .		
	Stockpiling of dusty materials	•			-	
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?			ļ		

Ref.	Checklist Condition	N/A	Yes	No	Սոֆ	Remarks
	Cement and dry pulverized fuel 2sh (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311Rs Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	1				·
Cap311R: / Sch 17	Are the coment, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	J				
	Loading, unloading or transfer of dusty materials		•			
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water monediately prior to any loading, unloading or transfer operation?		/			· .
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to manimize fugitive dust emission?		1			
	Use of vehicles	.				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Scb 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	1				_
	Transfer of dusty materials using a belt conveyor system				: .	
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap3)1R: Seh 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent failing of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within I m?	√	•			
	Concrete batching plant					<u> </u>
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	$\sqrt{}$				
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	$\sqrt{}$	·.·· .			· :
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?		· .			
EM&A:	Are all the conveyor transfer points totally enclosed?	1				

Reference	: Checklist Condition	N/A	ر. ا	r'es .	No	∙Ųnk	Remarks
· ·	Miscellaneous		•			•	
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?		T				
Cap3110 .	Is open burning prohibited?		Ţ	\mathcal{I}		-	<u> </u>
Cap311	Is black smoke emission from plant/equipment avoided?		Ţ	7			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
_	Dredged Materials					<u>.</u>
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP:5.2.5/ EM&A: E3	has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?		٠.			
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?	/				. :
WMP:5.23 ÆM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?	/				
WMP: 5.23	Are overfilling of barges and happens prevented?	$\left[\right]$)	,	
EM&A: E3	Are wastes disposed of at licensed sites?	V				·
_	Construction Waste and Excavated Materials					L. <u>—</u>
WMP:3 <i>31</i> EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP:5-3-3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	V				
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	7			-	 ,
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	1				
WMP 5.4.1	Are the remaining ensuitable excavated materials disposed of at the public filling areas?					
EM&A: E3	Are wastes disposed of at licensed sites?					
•	General refuse	<u></u>	٠.			·
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks				
WMP 5.5.2	Is the refuse disposed of regularly and properly?		V	. :						
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea probibited?	·				-				
	Chemical Waste									
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?									
WDO	Has the Contractor been registered as a chemical waste producer?	1		-	.:					
<i>EM&A:</i> E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?					4				
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1								
EM&A: E4	Is the chemical waste storage, if any, well maintained, kepsélosed and locked?	/			· ·	•:				
•	Storage, collection and transportation of waste									
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	17		<u> </u>						
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	·	:							
	(1) public fill materials for on-site reuse, or disposal at public filling area;	7			·					
	(2) reusable / recyclable materials									
	(3) un-reusable / non-recyclable waste for landfill disposal.				· <u>-</u>					
ем&а: Е3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?									

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Vák	Remarks
	Dredging activities	<u> </u>		•		<u>-</u>
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?					
EP 3.3 ÆM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?				: (
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?		1		·	
DNRP:4.5	Are silt curtains inspected on a monthly basis			1		
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?				, .	
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?					

Ref	Checklist Condition	N/A	Yes	Ng	Ųnk	Remarks
EM&A: BS	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
£M&A:-B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?		ia i	· .		
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	7				
EM&A: 87	Are the barges loaded carefully to avoid splashing of material?	abla				
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during leading and transportation?					
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	\bigvee				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?			-		·
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?	/				,
EM&A: B7	ls "rambowing" sand fill from trailer dredgers prohibited?	ewline	1	7		
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?	/	/			-
	Routing of construction related marine vessels					
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		1	1.		

MARINE ECOLOGY

	,		 					
Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks		
EM&A: GI	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine manunals?	/	- .		·-			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		<u> </u>	<u></u>				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/			·			

NOISE

Ref	Checklist Condition	e, e	N/A	Yes:	No	€ek	Remarks
EM&A : C1	Are working programmes schedul	ed to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise			t		_
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating					· • •
EM&A: CI/GP	is idle equipment turned off or the	rottled down?		abla			
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise	i.	/			
EM&A: C1)	Are construction works carried or nuisance?	It in a manner to minimize noise	· :.	$\sqrt{}$			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted? barriers at noise sources or		1			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise perminspection?	nits, if required, available for				. :	
NCO	Are conditions of construction no relevant part(s) of the works impl			/	ĺ		
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand					
		Traffic	\bigvee	Const site	roctie	o activ	ities inside the
	Major noise source(s) Construction activities outside the site			Other	.		

Abbreviation

VEP: Varied Environmental Permit WMP: Waste Management Plan

Cap311R: APC (Construction Dust) Regulation Cap311O: APC (Open Burning) Regulation

Cap311:

Air Pollution Control Ordinance

DNRP: Dredging & Reclamation Plan

EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance
WDO: Waste Disposal Ordinance

Unk: Unknown

			-	<u></u>		
Remark	··-					
-NIL						
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	- 	<u>. </u>				
				·		
					· .	
Signatures		•				

(Name in Block letters:

ET Member

STANLEY CHAN

(Name in Block letters:

Contractor's Representative

12th June 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation and Dredging Weekly Site Inspection Checklist

Inspection of	late 6/5/02 Time 3:30 pm Inspecte	ed By	ET:	G/c-	Ley 1	Chan M. Charo
Site	LMX- Cite Formation					· · ·
Weather						
Condition	Sunny Fine Overcast Hazy		Driza	ele [Ra	in Storm
Temperatu	re 32 °C Humidity High V Moderat	e	Low	,		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/	^		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
AJR QUALI	1	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	1				
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
	Construction Sites					•
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					

Ref.	Checklist Condition	N/A	Yeş	No	Unķ	Remarks
	Cement and dry pulverized fuel ash (PFA)					-
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	\				
	Loading, unloading or transfer of dusty materials	•	•	•		
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		√			
· · · · · ·	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system	•				
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant		-	h	,	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	//				
	Are all the conveyor transfer points totally enclosed?	+-/-		+	+	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/	,			
Cap3110	Is open burning prohibited?		\checkmark			
Cap311	Is black smoke emission from plant/equipment avoided?		$\sqrt{}$			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials								
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?								
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?								
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?	/							
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?	$\sqrt{}$							
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?								
EM&A: E3	Are wastes disposed of at licensed sites?								
	Construction Waste and Excavated Materials								
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?								
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		-						
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?								
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/							
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?								
EM&A: E3	Are wastes disposed of at licensed sites?								
	General refuse								
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?								
WMP 5.5.2	Is general refuse stored within receptacies and separated from chemical wastes?								

Ref	Checklist Condition	N/A	Yeş	No	Unk	Remarks			
WMP 5.5.2	Is the refuse disposed of regularly and properly?			_					
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?		V						
	Chemical Waste					_			
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?								
WDO	Has the Contractor been registered as a chemical waste producer?								
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		†						
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/							
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?								
	(1) public fill materials for on-site reuse, or disposal at public filling area;			<u> </u>					
	(2) reusable / recyclable materials;	ĬŽ,							
	(3) un-reusable / non-recyclable waste for landfill disposal.								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?								

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities	•				
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?	/				
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	/				
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?					
DNRP:4.5	Are silt curtains inspected on a monthly basis					
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?		/			
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?		$\sqrt{}$			

Ref	Checklist Condition	N/A	Yes	Nọ	Unk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?					
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	1	/			
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?					
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	/				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/				
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?					
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?					
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?	*	/			
	Routing of construction related marine vessels	-	-			
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?					
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		\checkmark	/		
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: CI	Are working programmes schedu	led to minimize noise nuisance?		\bigvee	_		
EM&A: C1	Are construction works or equiprinuisance?	ment sited to minimize noise		/			
EM&A: Ci	Are all plant and equipment main conditions?	ntained in good operating			_		
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?					
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise					
EM&A: C2	To mitigate construction noise du holidays, is either one of the folk a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	owing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle	on noise, is dredging equipment ers?					
NCO	Are valid construction noise perminspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?						
	Major noise source(s)	Traffic		Const site	ructio	n activ	ities inside the
	major noise source(s)	Construction activities outside the site		Other	·s		

Abbreviation

VEP: WMP: Varied Environmental Permit Waste Management Plan

Cap311R: Cap311O: APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap311:

Air Pollution Control Ordinance

DNRP: Dredging & Reclamation Plan

EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance

Unk: Unknown

Remark	•			
NIL				
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	<u> </u>			
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Signatures

ET Member

Contractor's Representative

(Name in Block letters:

STANKEY CHAN

Name in Block letters:

12th June 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation and Dredging Weekly Site Inspection Checklist

Inspection	date It/5/0V Time 16:00 Inspect	ed By	ET:	ςŁ	Les	Cham
Site	LMX- Cife Formation		Cont	racio	<u>r: v</u>	V-15-a Hive
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Stor
Temperatu	re [] °C Humidity High Moderat	te	Low	,		
Wind	Calm Light Breeze Strong		¥ 25 - ≜ 17.			
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/		-	
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?				-	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
· · · · · · · · · · · · · · · · · · ·	General Requirements	<u> </u>	i	L		<u> </u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/	1		
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/	7			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	'		<u></u>		
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?		-			
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials				•	
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?			7		
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?		/			
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system					
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	ls every transfer point between any two-belt conveyors totally enclosed?		1			
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant		•	.•		
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	V				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
	Are all the conveyor transfer points totally enclosed?	+ /	-	+	t	1

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap311O	Is open burning prohibited?		\int			
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials				-	
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		•	:		
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?	J				
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?					
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?					
EM&A: E3	Are wastes disposed of at licensed sites?		_			
·,	Construction Waste and Excavated Materials		_			
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?		,			
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	7				
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?					
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?		r			
EM&A: E3	Are wastes disposed of at licensed sites?					
	General refuse				•	
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		1			
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?	./			1	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WMP 5.5.2	Is the refuse disposed of regularly and properly?		$\sqrt{}$		_				
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?								
	Chemical Waste								
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?								
WDO	Has the Contractor been registered as a chemical waste producer?								
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?								
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?								
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?								
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	/							
	(1) public fill materials for on-site reuse, or disposal at public filling area;		,						
	(2) reusable / recyclable materials;								
	(3) un-reusable / non-recyclable waste for landfill disposal.								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?								

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities					
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?					
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	$\sqrt{}$,			
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?		$\sqrt{}$			
DNRP:4.5	Are silt curtains inspected on a monthly basis		./			
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?					·
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?					

Ref	Checklist Condition	N/A	Yes	Ŋo	⊍nk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?					
EM&A: B 7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?					
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/				
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?					
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?					
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?					
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?					
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?					
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?					
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?		/			
	Routing of construction related marine vessels	-	-			
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?					
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedul	ed to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?	ent sited to minimize noise					
EM&A: C1	Are all plant and equipment maint conditions?	ained in good operating					
EM&A: C1/GP	Is idle equipment turned off or thr	ottled down?					
EM&A: C1	Are methods of working devised a nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried ou nuisance?	it in a manner to minimize noise					
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted?					
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/				
NCO	Are valid construction noise perminspection?	its, if required, available for					
NCO	Are conditions of construction no relevant part(s) of the works impl						_
NCO	Are valid noise emission labels fit held percussive breakers?	xed at air compressors and hand					
•	M	Traffic		Cons	tructio	n activ	ities inside the
	wajor noise source(s)	Major noise source(s) Construction activities outside the site					

Abbreviation

VEP: WMP: Varied Environmental Permit Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation APC (Open Burning) Regulation

Cap311O: Cap311:

Air Pollution Control Ordinance

DNRP:

Dredging & Reclamation Plan EM&A: EM&A Manual (Construction Phase)

NCO:

Noise Control Ordinance

WDO:

Waste Disposal Ordinance

Unk:

Unknown

Remark	 		
NIV		 	
	-	 	
		·	

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

(Name Kung)

12th June 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation and Dredging Weekly Site Inspection Checklist

Inspection of	late 22/5/02 Time 1700 Inspecte	d By	ET:			<u> </u>
Site	LMX - GITE FORMATION	į.	Com	40.	TO STATE OF THE PARTY OF THE PA	
Weather					•	<u></u>
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Storr
Temperatu	re [20] °C Humidity	e	Lov	٧		
Wind	Calm Light Breeze Strong				<u></u>	
GENERAL				- -		
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
кеі.		100	163	110	· ·	
Cap311R:	General Requirements Has the contractors notified EPD of the construction site which is	T		 	T -	Ţ
3	classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		6			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
\ <u></u>	Construction Sites					
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?		. <u>–</u>			}
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	1				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?			Î		
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		1			
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		1			
	Use of vehicles	-				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/				
	Transfer of dusty materials using a belt conveyor system	<u> </u>				
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
-	Concrete batching plant	<u> </u>				
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?					
EM&A: A2	Are all the conveyor transfer points totally enclosed?	/				

Ref.	Checklist Condition	N/A	Yes	Ŋο	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				
Cap311O	Is open burning prohibited?	 	/			
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials		- V-			
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?					
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?			1		
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?	7				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials	- - - - - - - - - - 	1		<u> </u>	
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?				-	
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?					
EM&A: E3	Are wastes disposed of at licensed sites?	1/				
	General refuse	1 <u></u>				
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?			ŀ		
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WMP 5.5.2	Is the refuse disposed of regularly and properly?		7						
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?	 -							
	Chemical Waste								
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?								
WDO	Has the Contractor been registered as a chemical waste producer?								
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/							
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/							
<i>EM&A:</i> E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?)	 	 	 			
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	1							
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/							
	(2) reusable / recyclable materials;	/							
	(3) un-reusable / non-recyclable waste for landfill disposal.	/			•	:			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	/		-					

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
<u></u>	Dredging activities					
VEP 3.3 /EM&A: B ₁	Is the configuration of dredging in accordance with the EP's requirements?	/				<u> </u>
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	/				
VEP 3.2 /EM&A: B ₂	Are silt curtains installed at appropriate locations?		/			
DNRP:4.5	Are silt curtains inspected on a monthly basis					
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?					
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?	 -				

Ref	Checklist Condition	N/A	Yes	No	Ųnk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?			i		
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/		_		
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	/		_		
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/			.:	•
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	/				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/			+	
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?	/				
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?	/	l.,			
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?					<u> </u>
	Routing of construction related marine vessels	<u> </u>				
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/	<u> </u>	<u>-</u>		

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?					
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise		/			
EM&A: Cl	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	it in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/				
NCO	Are valid construction noise pern inspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works impl						
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		7			
	Maior raise convec(s)	Traffic	/	Const site	ructio	n activ	ities inside the
	Major noise source(s) Construction activities outside the site			Other	rs		

Abbreviation

VEP: WMP: Varied Environmental Permit Waste Management Plan

Cap311R: Cap311O: Cap311: APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance DNRP: Dredging & Reclamation Plan
EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance

Unk: Unknown

Remark	"		 	_
NIL			 	
		,		
			 	· · · · · · · · · · · · · · · · · · ·

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

THOMAS LI

(Name in Block letters:

12th June 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation and Dredging Weekly Site Inspection Checklist

Inspection o	late 24/5/67 Time 10-00 Inspect	ed By	ET:	Ç,	بصا	Cherry K. Hen	\Box
Site	Utx-Cite Formation		Cont	racto:	r. W.	لد. الحد	
Weather	<u></u>						-
Condition	Sunny Fine Overcas Hazy		Driza		Ra	in56	фттп
Temperatu	re∰℃ Humidity High √ Moderat	t	Low	,			
Wind	Calm Light Brocze Swag						
GENERAL				-	_		
Ref.	Checklist Condition	N/A	Yes	No	Upk	Remarks	\neg
VEP I.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?	_	/		i -		1
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	 :	V	П			\exists
ASR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remurks	
Ref.		N/A	Yes	No	Unk	Remarks	\dashv
	General Requirements			•			4
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/				
Cep311R: Seb 12(3)	A compressed air jet shall not be used for cleaning or cleaning dust from any vehicle, equipment, other materials or person. Is this observed?		/	- 	· •		
Cap311	Do the contractors passess valid Air Politation Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?						
	Construction Sites				•		_
EM&A: Al	Are hant reads paved with concrete or sprayed with water to keep the entire read wet?		\checkmark		_		
	Stockpiling of dusty materials						
Cap311R: Sch 18	Are stockpites of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		1	-		}	-

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Coment and dry polyerized feel ash (PFA)					
Çap311R: Sch (5(3)	Are the storage siles for cement or dry PFA prevented from overfilling?	\checkmark	•			
Cap311R: Seb 15(4)	Are the handlings of cement or dry PFA (brough a totally enclosed system equipped with air pollution control equipment at the vent of the system?				<u></u>	_
Cap311R: Sch 15(2)	Is bulk comen; or dry PFA stored in a closed sito fitted with a high-level plann?					
Cap311R: Seh 17	Are the coment, dry PFA or other dusty materials collected by the sir pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials					
C4p3f1R: Sch 19	Are dusty materials, except coment and dry PFA, spreyed with water immediately prior to any loading, unleading or transfer operation?		/			
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?		√			
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: Al	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					-
	Transfer of dusty materials using a belt conveyor system		•	•	•	
Cap311R: Sck 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: 5ch 70(2)	Is every transfer point between any two-belt conveyors totally enclosed?	\checkmark				
Cap311R: Sdb 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within £ m?					
	Concrete batching plant		-	•	-	•
EM&A: AZ	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
EM&A: AZ	Are dusty materials, except cement and dry PPA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3) sades up to 3m above unloading point?			•		1
	Are all the conveyor transfer points totally enclosed?			1	T	1

Ref.	Checklist Condition	N/A	Yes	Ne	Ųak	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks scaled and bydroseeded and planted as soon as possible?					
Cap3110	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Candition	N/A	Yes-	No	€pk	Remarks
	Dredged Materials		· •-			
wmp: 3.1/ емал: Ез	Does the appropriate contractor possess valid domping permits for dredged marine mad and have them available for inspection?			•		
WMP:5.25/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	$\sqrt{}$				
WMP:\$.23/ EM&A: E3	Are the bottom openings of marine vessels fitted with tight fitting scala to prevent leakage?	\checkmark				
WMP:5:2-3 /EM&A: E3	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?	<				
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?					
EM&A: E3	Are wester disposed of at licensed sites?					
	Construction Weste and Excavated Materials				_	
WMP:3.) EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP333 & 547	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/felling works?					
WMP53.1	Are the used formworks reused as far as possible before being disposed of una landfill site?	$\sqrt{}$				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1				
EM&A: E)	Are wastes disposed of at tiernsed sites?					
	General refuse					
WMP 5.54	Has the Contractor maintained a disposal record for general refuse and made is available for inspection?					
WMP 53.2	3s general refuse stored within receptacles and separated from chemical wastes?	17	1			

Ref	Checklist Condition	N/A	Yes	No	·Unk	.Remarks			
W9MP 5.5.2	Is the refuse disposed of regularly and properly?		$\sqrt{}$						
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?		Ż		·				
	Chemical Waste								
em&a: e3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) [General Regulation)?	/	<u> </u>						
WDO	Has the Contractor been registered as a chemical waste producer?	V							
EM&A: E3	Has the Contractor kept at the trup teckers for the disposal of chemical waste and made them available for inspection?		Ì						
emsa: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste?	$\sqrt{}$							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	abla							
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered tracks?		1						
EM&A: E3	Are waste materials segregated and socred into 3 categories as follows?								
	(1) public fill materials for co-site rease, or disposal at public filling area;								
•	(2) reusable / recyclable materials;								
	(3) un-veusable / non-recyclable waste for landfill disposal.	\overline{V}							
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?	\int							

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Oredging activities					
V£P 33 /EM&A: Bl	is the configuration of dredging in accordance with the EP's requirements?					
EP 3.3 /EM&A: B1	Is the number of large deedgers in operation reduced by 1 during the flood phase of the tidal cycle?					
YEP 3.2 лЕм&а: В2	Are self curtains installed at appropriate locations?			•		
DNXP:4.5	Are silt curtains inspected on a monthly basis		\bigvee		•	
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?					
DNRP 43/ EM&A BJ	Is sand filling for site formation carried our behind constructed sea walls, which pierce the sea surface?		V			

Ref	Checklist Condition	N/A	Yœ	No	Unk	Remarks,
емља: Вз	Has sand-fill at the servall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
EMAA: B?	Are fully-enclosed or waterlight grabs used to minimize loss of sediment during dredging?	7				
ЕМ ф А: 97	Are the descent speed of grabs controlled to minimize the impact speed?					
EM&A: 87	Are the barges loaded carefully to avoid splashing of material?	V				
EMAA: 87	Are barges fitted with tight bottom scals to prevent leakage during loading and transportation?				-:	
емља: В7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?		۶.			
EM&A: 87	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/			i	
EM&A: 87	Is the speed of trailer dredgers under control to avoid starting up of sea bed sediment?			_		
EM&A: B7	is "rainbowing" sand fill from trailer dredgers prohibited?	V				
EM&A: B7	is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?		/			
	Routing of compraction related marine vessels					
DNRF 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Oredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Cortain"?		/			

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: GI	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?				_	,
EM&A: GZ	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		1			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recologisation of marine organisms?	1		 -		

NOISE

Ref	Checklist Condition		N/A	Yes	No	Ųok	Renearks	
EM&A:	Are working programmes schedule							
EM&A: CI	Are construction works or equipmouisance?	Ţ						
EM&A: C1	Are all plant and equipment maint conditions?		\checkmark					
EM&A: C1/GP	Is idle equipment turned off or the		\checkmark					
EM&A: C1	Are methods of working devised a nuisance?		\checkmark					
EM&A: CI)	Are construction works carried ou nuisance?	-						
EM&A: CZ	To minigate construction noise due holidays, is either one of the follow. Minigation by portable noise b) Rescheduling of some power sensitive time periods?		/					
EM&A: C3	To mitigate night time construction equipped with silencers or muffler	abla						
NCO	Are valid construction noise perminspection?	<u> </u>						
NCO	Are conditions of construction noise permits, if any, for the relevant pan(s) of the works implemented accordingly?							
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			V				
		Traffic	Ī	Construction activities inside the site				
	– Major ooise source(s)	Construction activities entside the site		Others				

Abbreviation

VEP: WMP: Varied Environmental Permit Waste Management Plan

APC (Construction Dust) Regulation Cap311R: APC (Open Borning) Regulation Air Pollution Control Ordinance Cap3110: Cap311.

DNRP: Dredging & Replanation Plan EM&A: EM&A Manual (Construction Phase)
NCO: Noise Control Ordinance

WDO: Waste Disposal Ordinance

Unknown Uqk:

Remark					_		
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<u>_</u>	_	<u>.</u> .	<u> </u>				
			_				
F1					<u> </u>		

Signatures

ET Member

Contractor's Representative

HU/ WA/ KWONGT.
(Name in Block levers:

The War Kingtay

12th June 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of L9 Weekly Site Inspection Checklist

Inspection d		жы	ET: Cont	racto		as Li
Site	LMX-UNIT L9 PILING					
Veather			,			
Condition	Sunny Fine Overcast Hazy		Driza	zle [R	rin Ston
Temperatu	re ℃ Humidity High Moderate	c Z	Low	¥		
Wind .	Calm Light Breeze Strong					
ENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit teen displayed at all vehicular site entrances/exits for public information?					
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
• •		· ·	7	1 1	1	
• • • • • • • • • • • • • • • • • • •				-		
AIR QUAL	•	N/A	Yes	No	Unk	Remarks
	Checklist Condition General Requirements	N/A	Yes	Ne	Unk	Remarks
	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?	N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R:	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever	N/A	Yes	Ne	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3)	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	N/A	Yes	Ne	Unk	Remarks
Ref. Cap311R: 3 Cap311R: Sch 12(3) Cap311	Checklist Condition General Requirements Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change? A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep	N/A	Yes	No	Unk	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?	/				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
	Loading, unloading or transfer of dusty materials	1.5				
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer	aperists.	Mary of the	Margin W	h selenge	And the state of t
	operation?					1
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles			4 - 4		
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?				5 J. 18	er jaa uskii errettiin kun uu gesti s
,	Transfer of dusty materials using a belt conveyor system		<u> </u>		<u> </u>	1
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	/				474 15
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/			utria	ł
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/			100	
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or starage of any dusty materials carried out in a totally enclosed system?			,		
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?	+ /	-	1	-	-

Ref.	Checklist Condition	N/A	Yes	No	Unjk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap3110	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checktist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?				-	
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?					
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?					
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?				/-	
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	-				
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?					
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?					
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	General refuse	•				
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP 5.5.2	is general refuse stored within receptacles and separated from chemical wastes?	1				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
WMP 5.5.2	Is the refuse disposed of regularly and properly?	/				
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?		/			
	Chemical Waste					
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				
WDO	Has the Contractor been registered as a chemical waste producer?					
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste ⁷⁷ ?					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?					- #1
	Storage, collection and transportation of waste	· · ·				<u> </u>
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?					
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?		T - 24.7715			
	(1) public fill materials for on-site reuse, or disposal at public filling area;					
•	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.					
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?					

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities	. .		<u> </u>	1	
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?	/	ŀ	·		
EP 3,3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	/				
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?					
DNRP:4.5	Are silt curtains inspected on a monthly basis	/				
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?					
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/				l <u> </u>
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	7				
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/				
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?					
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/				
EM&A: B7	is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?					·····
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?	/				
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?					
,	Routing of construction related marine vessels				<u> 1</u>	
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Gl	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/	<u> </u>			·
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	iled to minimize noise nuisance?		/			<u>. </u>
EM&A: C1	Are construction works or equipments ance?	ment sited to minimize noise					
EM&A: C1	Arc all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		/			· · · · · · · · · · · · · · · · · · ·
EM&A: C1	Are methods of working devised misance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or misance?	ut in a manner to minimize noise					
EM&A: C2	To mitigate construction noise di holidays, is either one of the folk a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?			,		
EM&A: C3	To mitigate night time constructi equipped with silencers or mufile		/				
NCO	Are valid construction noise permisspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imp	oise permits, if any, for the lemented accordingly?					., 145
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand					-
	187 J. C. 1981	☐ Traffic	Ø			activi	ties inside the
	Major noise source(s)	Construction activities		Others			

Abbreviation

VEP: WMP: Cap311R: Cap311O: Cap311:	Varied Environmenta Waste Management I APC (Construction I APC (Open Burning) Air Pollution Centro	Plan Oust) Regulation Regulation	DNRP; EM&A NCO; WDO; Unk;	Dredging & Reclamation Plan EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Unknown
Kemark		erman das um generalita prosedina de la materia de que diferenda de la telesca.	- अवस्तिका नाम - इट एका नीवि	anderda endimona e e e e e e e e e e e e e e e e e e e
Nit		<u>.</u>		
				· · · · · · · · · · · · · · · · · ·
				
		<u></u>		
Signatures		Andrew of the second of the second		
ET Member		Consector's Representa	rive	
Maor	nasti	Mohit a	Suff	
(Name in Block k	AL)	(Name in Block letters: MICHAEL CHEW	ì	

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of L9 Weekly Site Inspection Checklist

Inspection	date REOL Time 1715 Inspec	cted By		7	10M	AS LI	
Site	LMX-UNIT L9 PILING		Con	tract	or: MI	CHAEL CH	Euk
Weather							_
Condition	Surany Fine Overcast Hazy		Driz	zle	R	ain Sto	mx
Temperat	ure 22. °C Humidity High Moder	ate [Lon	W			
Wind	Calm Light Breeze Strong						
GENERAL							_
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	7
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/				-
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	-	/				†
AIR QUAL Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	7
<u>.</u>	General Requirements	IVA	, res	140	Onk	Kemarks	-
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/		· :		
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/				
Cap3I1	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/					Ì
·•	Construction Sites	1	L				-
EM&A : Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?	/.					-
	Stockpiling of dusty materials	······		!			1
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?					 	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
•	Cement and dry pulverized fuel ash (PFA)	•				
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?				·	
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?				:	
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?	/				
***************************************	Loading, unloading or transfer of dusty materials	44.7		,		
Cap311R; Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?		in very an	graph () ()	ంగా అయ్యిని	on Birk, Ngaron on turio
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles	•				:
Cap311R: Sch 21(2) EM&A: A1	Is every load of dasty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system				١	
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?				.* .*	
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/				
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?	1 7		t i		

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					
Сар311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
Cap3110	Is open burning prohibited?	 				
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unik	Remarks
	Dredged Materials	<u></u>		L.—.		
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		-			
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of damping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?				18	
WMP:5,2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?					
WMP: 5,2,3	Are overfilling of barges and hoppers prevented?	/	_ i			 -
EM&A E3	Are wastes disposed of at licensed sites?		-			 -
	Construction Waste and Excavated Materials	 .				
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	/			 !	<u> </u>
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?			-		
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A E3	Are wastes disposed of at licensed sites?	/	<u>.</u>			 -
	General refuse					
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					<u>.</u>
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?			 		·

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WMP 5.5.2	Is the refuse disposed of regularly and properly?								
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?		/						
	Chemical Waste								
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?								
WDO	Has the Contractor been registered as a chemical waste producer?	/							
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?		•						
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/							
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?								
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?								
	public fill materials for on-site reuse, or disposal at public filling area;	/							
	(2) reusable / recyclable materials;				·				
·	(3) un-reusable / non-recyclable waste for landfill disposal.					· · · · · · · · · · · · · · · · · · ·			
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?								

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities					
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?					, ,,
EP 3.3 /EM&A: B1	Is the mamber of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	/				· · · · · · · · · · · · · · · · · · ·
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?					
DNRP:4.5	Are sift curtains inspected on a monthly basis	/				
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?	/				*************************************
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/	-			
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/				
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	1/				
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/				
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	/				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?					
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?	/				
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?					
EM&A: B7	is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?					
	Routing of construction related marine vessels	1			1	
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine manimals?					
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	Ne	Unk	Remarks
EM&A: C1	Are working programmes schedu	eled to minimize noise nuisance?		/	·		
EM&A: C1	Are construction works or equipmuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		/			
EM&A: C1	Are methods of working devised muisance?	and arranged to minimize noise		/			·
EM&A: C1)	Are construction works carried o muisance?	art in a manner to minimize noise		/	-		
EM&A: C2							
EM&A: C3	To mitigate night time construct equipped with silencers or muffl		/				
NCO	Are valid construction noise pen inspection?	mits, if required, available for	-	/			
NCO	Are conditions of construction needevant part(s) of the works imp			/			
NCO	Are valid noise emission labels theld percussive breakers?	ixed at air compressors and hand	/				· · · · · · · · · · · · · · · · · · ·
	Major noise source(s)	☐ Traffic	Ø	Const.	ructio	n activ	ities inside the
	Territor noise surrects)	Construction activities outside the site		Other	s		

Abbreviation

DNRP: Dredging & Reclamation Plan VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Noise Control Ordinance Cap311R: APC (Construction Dust) Regulation NCO: Waste Disposal Ordinance Cap3110: APC (Open Burning) Regulation WDO: Unknown Air Pollution Control Ordinance Cap311: Unk: Remark Signatures ET Member Contractor's Representative (Name in Block letters: (Name in Block letters: MICHAEL CHEUK)

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of L9 Weekly Site Inspection Checklist

Inspection	date IK/4/02 Time 15:00 Inspec	ted By	ET:		oma	
Site	LMX- LATT L9 PILING		Coni	racio	or. Mi	hall Goul
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [R	ain Sto
Temperatu	rre C Humidity High Modera	te [Lov	V		
Wind	Calm Light Breeze Strong					
GENERAL				•		,
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/		· · · · · · · · · · · · · · · · · · ·	
AIR QUALI Ref.		N/A	Yes	No	Unk	Remarks
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/			
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?					
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites			L		······································
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/			,	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?		· · · · · · · · · · · · · · · · · · ·			
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?			:		
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?					
	Use of vehicles	_				
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?	/				
,	Transfer of dusty materials using a belt conveyor system		•		1	
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R; Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?					
	Concrete batching plant	d				
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A A2	Are dusty materials, except coment and dry PFA, wetted by water spray system?	/				
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A: A2	Are all the conveyor transfer points totally enclosed?				-+	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscellaneous					· · · · · · · · · · · · · · · · · ·
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?		 }			
Cap3110	Is open burning prohibited?	 	7			<u></u>
Сар311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
· · · · · · · · · · · · · · · · · · ·	Dredged Materials	1	L	1		<u>. </u>
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?				· ·	
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?	/	<u>,,</u>			
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?					
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?	/			****	
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					<u></u>
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?					
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?					······
	General refuse					
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
WMP 5.5.2	Is the refuse disposed of regularly and properly?	/							
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?	-							
	Chemical Waste		<u> </u>			<u> </u>			
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/							
WDO	Has the Contractor been registered as a chemical waste producer?	/				<u> </u>			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?								
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				- ·			
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?								
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					·			
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/							
	(2) reusable / recyclable materials;	/							
	(3) un-reusable / non-recyclable waste for landfill disposal.	//							
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?			_					

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities	_1	l	l.,		
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?			•		
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?					
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?	/				
DNRP:4.5	Are silt curtains inspected on a monthly basis					· -····
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?	/				
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	1				·
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?		,			····
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?					·
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/				-
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?					
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/				
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?					
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?					
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?					
	Routing of construction related marine vessels			1	1.	
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	/				
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Sitt Curtain"?	/				
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipments ance?	nent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	ntained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: C1	Are methods of working devised muisance?	and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried or nuisance?	ut in a manner to minimize noise		/			
EM&A C2	To mitigate construction noise di holidays, is either one of the folk a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	wing measures adopted?		/			
EM&A: C3	To mitigate night time constructi equipped with silencers or muffle		/				
NCO	Are valid construction noise perminspection?	oits, if required, available for					· · · · · · · · · · · · · · · · · · ·
NCO	Are conditions of construction no relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels fi held percussive breakers?	ixed at air compressors and hand	/				
	Maior pairs course(s)	☐ Traffic		Constr site	ructio	activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Other	s		

Abbreviation

VEP: Varied Environmental Permit DNRP: Dredging & Reclamation Plan WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation Noise Control Ordinance NCO: Cap3110: Cap311: APC (Open Burning) Regulation Air Pollution Control Ordinance WDO: Waste Disposal Ordinance Unknown Unk: Remark 15W Signatures ET Member Contractor's Representative

(Name in Block letters:

THOMAS LL

(Name in Block letters:

MICHAEL CHECK)

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of L9 Weekly Site Inspection Checklist

Inspection	date 21/4/02 Time 1700 Inspect	ed By	ET:		mas	Live	
Site	LMX-UNIT L9 PILING		Com	IACIO	·- / 41	chan unen	W.
Weather							•
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	in Stor	m
Temperati	ure 20 °C Humidity High Modera	te	Low	,			
Wind	Calm Light Breeze Strong						
GENERAL							
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks]
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/				
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/				1
						•	_

AIR QUALITY

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	General Requirements	•							
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?		/						
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/						
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/							
	Construction Sites								
EM&A: A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?								
	Stockpiling of dusty materials								
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/							

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)		_			
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?					
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: A1	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?)	
	Use of vehicles					_
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		_			
	Transfer of dusty materials using a belt conveyor system				_,	l
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?		-			
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/	_		_	
	Concrete batching plant					
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/	<u> </u>			
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
EM&A:	Are all the conveyor transfer points totally enclosed?	 		 	 	

Ref.	Checklist Condition	N/A	Yes	No	·Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	/				
Cap311O	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	•				
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?	/				
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?	/				
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials	.4	·	.i		
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/	-		
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?					
	General refuse	•	1	1	1	·
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?					

Ref	Checklist Condition	N/A	Yes	No	Unk ,	Remarks				
WMP 5.5.2	Is the refuse disposed of regularly and properly?									
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?									
	Chemical Waste									
EM&A: E3	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?									
WDO	Has the Contractor been registered as a chemical waste producer?									
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/								
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?		······································)					
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/								
	Storage, collection and transportation of waste									
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	7								
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?	/								
	(1) public fill materials for on-site reuse, or disposal at public filling area;									
	(2) reusable / recyclable materials;	/								
	(3) un-reusable / non-recyclable waste for landfill disposal.	/								
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?									

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Upk	Remarks
	Dredging activities					
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?					***
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?	/		•		
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?	/				
DNRP:4.5	Are silt curtains inspected on a monthly basis	/				
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?					
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk-	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				-
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/				
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	/				
EM&A: B 7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/				
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	/				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	/				
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?	/				
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?	/				
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?	/				
	Routing of construction related marine vessels		-		-	
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?	-	/			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		/			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes schedu	led to minimize noise nuisance?		/			
EM&A: C1	Are construction works or equipmuisance?	ment sited to minimize noise					
EM&A: C1	Are all plant and equipment mair conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or th	rottled down?		/			
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise					
EM&A: C1)	Are construction works carried o nuisance?	ut in a manner to minimize noise		/			
EM&A: C2	To mitigate construction noise du holidays, is either one of the follo a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	owing measures adopted?		/			
EM&A: C3	To mitigate night time construction equipped with silencers or muffle		/				
NCO	Are valid construction noise perr inspection?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imp			/			
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand		/			
		Traffic	/	Consti	ructio	n activ	ities inside the
	Major noise source(s)	Construction activities outside the site		Others	s		

Abbreviation

WMP: Waste Management Plan EM&A: EM&A Manual (Constru Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordunance Cap311O: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance	
	struction Phase)
Cap311O: APC (Open Burning) Regulation WDO. Waste Disposal Ordinano	ince
	iance
Cap311 Air Pel ation Control Orderance Unk; Unknown	

Remark	
Nil	
	•
Signatures	
ET Member	Contractor's Representative

(Name in Block letters:

THOMAS LI

(Name in Block letters:

MICHAEL CHOUR)

The Hongkong Electric Co. Ltd. $\,$ Lamma Power Station Extension – Construction of L9 Weekly Site Inspection Checklist

	Weekly Site Inspection Checking	St					
Inspection	date 29/5/02 Time 1600 Inspect	ed By			omaș M.c.		
Site	[MX-UNIT 19 PILING		Cont	1400	<u> </u>	a an Use	ЫŁ
Weather	<u> </u>						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	uinSt	orm
Temperate	ure C Humidity High Moderat	te	Lov	v			
Wind	Calm Light Breeze Strong						
GENERAL							
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks	
VEP 1.5	Has a copy of the most update Environmental Permit been displayed at all vehicular site entrances/exits for public information?		/	}			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?						
			•				_
AIR QUAL	ITY						

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		·			
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD of the change?			,		
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites			<u> </u>		
EM&A : A1	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?					
	Stockpiling of dusty materials					I
Cap311R: Sch 18	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	/				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
·	Cement and dry pulverized fuel ash (PFA)		<u> </u>	r		
Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?					
Cap311R: Sch 15(4)	Are the handlings of cement or dry PFA through a totally enclosed system equipped with air pollution control equipment at the vent of the system?					
Cap311R: Sch 15(2)	Is bulk cernent or dry PFA stored in a closed silo fitted with a high-level alarm?					-
Cap311R: Sch 17	Are the cement, dry PFA or other dusty materials collected by the air pollution control equipment disposed of in totally enclosed containers?					
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?					
EM&A: At	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles				-	
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?					
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		•			
	Transfer of dusty materials using a belt conveyor system	<u> </u>	l			
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?					
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?					
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	/	:			
	Concrete batching plant	·				
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?					
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?					
EM&A: A2	Are all the receiving hoppers enclosed on three (3)sides up to 3m above unloading point?	/				
	Are all the conveyor transfer points totally enclosed?					_

Ref.	Checklist Condition	N/A	Yes	No	Uņk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				
Cap311O	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					•
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?					,,,,,
WMP:5.2.5/ EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?					
WMP:5.2.3/ EM&A: E2	Are the bottom openings of marine vessels fitted with tight fitting seals to prevent leakage?					
WMP:5.2.3 /EM&A: E2	Are loading of barges and hoppers carried out in a controlled environment so that splashing of dredged material into surrounding water is prevented?	/				
WMP: 5.2.3	Are overfilling of barges and hoppers prevented?					
EM&A: E3	Are wastes disposed of at licensed sites?					
	Construction Waste and Excavated Materials					
WMP:3.3/ EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?					
WMP:5.3.3 & 5.4.2	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?					
WMP 5.3.1 5.4.1	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			 -
WMP5.3.1	Are the used formworks reused as far as possible before being disposed of in a landfill site?	/				
WMP 5.4.1	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	General refuse					
WMP 5.5.4	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		/			
WMP 5.5.2	Is general refuse stored within receptacles and separated from chemical wastes?					

	Checklist Condition	N/A	Yes	No	Unk	Remarks
Kara.		IVA.	10	140.	UUK	Wearsh P2
3.5 5.5.2	Is the refuse disposed of regularly and property?					
<u>e</u>	and the consistency of the experience of the state of the					
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?					
	Chemical Waste					
EM&A:	Has the contractor obtained the necessary disposal permits from				:	
E 3	the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
WDO	Has the Contractor been registered as a chemical waste producer?			•	·	
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?					
EM&A: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				
EM&A: E4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/			•	
	Storage, collection and transportation of waste	·	 	L		
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	/				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					
	(i) public fill materials for on-site reuse, or disposal at public filling area;					
	(2) reusable / recyclable materials;					
	(3) un-reusable / non-recyclable waste for landfill disposal.					
EM&A: E3	Are the records of the quantities of wastes generated and disposed off-site for the 3 categories of waste properly maintained?		/			

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredging activities		•		•	
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?	/				
EP 3.3 /EM&A: B1	Is the number of large dredgers in operation reduced by 1 during the flood phase of the tidal cycle?					
VEP 3.2 /EM&A: B2	Are silt curtains installed at appropriate locations?	/				
DNRP:4.5	Are silt curtains inspected on a monthly basis					
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?	/				
DNRP 4.3/ EM&A B3	Is sand filling for site formation carried out behind constructed sea walls, which pierce the sea surface?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: B5	Has sand-fill at the seawall trench been placed by controlled pumping with discharge below original sea-bed level during seawall construction?	/				
EM&A: B7	Are fully-enclosed or watertight grabs used to minimize loss of sediment during dredging?	/				
EM&A: B7	Are the descent speed of grabs controlled to minimize the impact speed?	/				
EM&A: B7	Are the barges loaded carefully to avoid splashing of material?	/				
EM&A: B7	Are barges fitted with tight bottom seals to prevent leakage during loading and transportation?	/				
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?					
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?					
EM&A: B7	Is the speed of trailer dredgers under control to avoid stirring up of sea bed sediment?					
EM&A: B7	Is "rainbowing" sand fill from trailer dredgers prohibited?	/				
EM&A: B7	Is the water within and adjacent to the dredging site and along the route to the disposal site clear of visible foam, oil, grease or litter or other objectionable matter?					
	Routing of construction related marine vessels				,	
DNRP 3	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?					

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?		/			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		1			
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?					

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: C1	Are working programmes scheduled to minimize noise nuisance?			7			
EM&A: C1	Are construction works or equipm nuisance?	or equipment sited to minimize noise					
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or the	rottled down?		/			
EM&A: C1	Are methods of working devised and arranged to minimize noise nuisance?			1			
EM&A: C1)	Are construction works carried out in a manner to minimize noise nuisance?			/			
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?						
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise pern inspection?	permits, if required, available for		1			
NCO .		ditions of construction noise permits, if any, for the part(s) of the works implemented accordingly?		1			-
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?						
	M.i. and A.	Traffic	Construction activities inside the site				
	Major noise source(s)	Construction activities outside the site	Others				

Abbreviation

VEP: WMP: Cap311R: Cap311O: Cap311:	Varied Environmenta Waste Management I APC (Construction D APC (Open Burning) Air Pollution Control	Plan Pust) Regulation Regulation	DNRP: EM&A: NCO: WDO: Unk:	Dredging & Reclamation Plan EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Unknown
Remark				
Nil				
·		·		
				
<u></u>				
Signatures				······································
ET Member	•	Contractor's Represe	entative	
(Name in Block The mas	letters:	Make Chery	s:)	<u></u>

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System Weekly Site Inspection Checklist

Inspection d	ate $2/5/2002$. Time $2 = 30$ pm inspect	ed by	ET:	Ano	rent	Na.
Site	Transmission Parte - Horseling	l	Cont	racto	n Mid	hael Chuil
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zic [Ra	in Storm
Temperatu	re So °C Humidity High ✓ Moderat	e E	Low	′		
Wind	Calm Light Breeze Strong					
GENERAL	•					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			
AIR QUALI	TY	··········				
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements					
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?					
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	/	<i>,</i>			
	Stockpiling of dusty materials			· · · · · · ·		·
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		/	,		
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	. /	-			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	is open burning prohibited?		\	Ì		
Cap311	Is black smoke emission from plant/equipment avoided?	\			:	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials			•	•	·			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1							
Cap466	Are wastes disposed of at licensed sites?		•						
	Construction Waste and Excavated Materials								
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/							
Cap354	Are wastes disposed of at licensed sited?	/							
	Chemical Waste								
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/	r						
Cap354C	Has the Contractor registered as a chemical waste producer?	~		ļ					
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				L			

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: M1	Are rubble mound seawails constructed for the landing and launching points at Lamma Island?	<	\			

NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: Li	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?		/			
EM&A: 1.2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	/				
NCO	Are valid construction noise permits, if required, available for inspection?				-	
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	~				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: OI	monitored to avoid impact on the species Celtis blondii, Pieris dis	•		V	/		
EM&A: O2	in good condition along the bou prevent tipping, vehicle moveme	ents, and encroachment of areas, particularly where the rare,		~	/		
EM&A: Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	rmed to ensure that the work site I that no damage occurs to		/	-		
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting		/	7		
	1						
	Molar sales asses (2)	☐ Traffic	╵	Consti site	raetio	n activ	itles inside the
	Major neise seurce(s)	Construction activities outside the site		Other	s Baz	kgrou	und noise anly

Abbreviation EM&A: EM&A Manual (Construction Phase) NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation Unic Unknown VEP: Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Cap311R: Cap3110: Cap311: Cap466: Dumping at Sea Ordinance Remark NIL Signatures BT Mcmber Contractor's Representative

(Name in Block letters: ANDREW N/6

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System Weekly Site Inspection Checklist

Inspection d	atc 10/5/02 Time 2-30 pm Inspect	ed by	ET:			
Site	Tymewissen Pout & - Hoarding	į	Conu	racto	<u>"Mia</u>	hael Chui
Weather			-	,		, 14 5
Condition	Sunny Fine Overcast Hazy		Doz	de [Ra	in Store
Temperatu	re 50°C Humidity High ✓ Moderat	e	Lou	,		
Wind	Calm Light Breeze Strong					
GENERAL	,					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		V			
AIR QUALI	TY Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	l!		<u> </u>	<u> </u>	
Cap31iR:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?					
Cap311R: Seb 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	<i>\</i>				
	Stockpiling of dusty materials					
Cap311R: Scb 18 EM&A:J3	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?		/			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
	Miscellaneops					
Cap311R:	Are completed earthworks scaled and hydroseeded and planted as		r	•]	

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Сър3110	is open burning prohibited?		V	r		
Cap311	Is black smoke emission from plant/equipment avoided?	'				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials					· · · · · · · · · · · · · · · · · · ·			
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1	•						
Cap466	Are wastes disposed of at licensed sites?								
	Construction Waste and Excavated Materials		,						
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/							
Cap354	Are wastes disposed of at licensed sited?	~							
	Chemical Waste								
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/							
Cap354C	Has the Contractor registered as a chemical waste producer?	~							
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V							

Ref	Checklist Condition	NA	Yes	No	Unk	Remarks
EM&A: Mi	Are rubble mound seawalls constructed for the landing and launching points at Lamma Island?	V	1			<u>.</u>

NOISE

Ref	Checklist Condition	N/A	Yes	Ne	Uek	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?		/			
EM&A: 1.2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point NS?	/				
NCO	Are valid construction noise permits, if required, available for inspection?					
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	V				

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
emaa: Oi	monitored to avoid impact on the species Celus biondii, Preris dia	t landing points N4 & N5 closely ne uncommon and rare plant spar and Ardicia pusilla, and the ma, Pterospermum heserophythan		V	/		
EM&A: O2	in good condition along the bou prevent tipping, vehicle movem	ents, and encroachment of areas, particularly where the rure,		~			
EM&A Q3	Has regular checking been perfe boundaries are not exceeded an surrounding areas?	ormed to ensure that the work site d that no damage occurs to		/			
EM&A: Q4	Is open fire prohibited and prev boundary during construction? equipment provided in the work	is temporary fire lighting		~			,
		☐ Traffic	Construction a				ities inside the
	Major neise seurce(s)	Construction activities	4	other	s Bis	kgro	und noise, and

Varied Environmental Permit EM&A: EM&A Manual (Construction Phage) VEP: APC (Construction Dust) Regulation APC (Open Butning) Regulation Air Poliution Control Ordinance NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation Unic. Unicaryn Cup311R: Cap3110: Cap211: Dumping at Sea Ordinance Cap466: Remark NIL Signatures **BT Momber** Contractor's Representative

(Name in Block litters:

Abbreviation

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System Weekly Site Inspection Checklist

Inspection d	ate $17/5/02$ Time $2=20 \beta m$ Inspect	ed by	ET:	And	rent	No
Site	Transmission Route - Hoarding	ì			Mii	bad Chui
Weather		·-,				
Condition	Sunny Fine Vovercast Hazy		Driz	zle [R	ain Stor
Temperatu	re 29°C Humidity High Moderat	e [Low	į		
Wind	Calm Light Breeze Strong			ŗ	9 J	
CENERAL				, pri		
Ref.	Checklist Condition	N/A	Yes	No	Unik	Remarks
VEP 1.5	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		V	-	-	
VEP 1.6	Is a copy of BIA report kept in Engineers' and Contractors' offices on site?		1	-		
AIR QUALI Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Rei.		N/A	Yes	No	Unk	Remarks
С≉р311Кг	General Requirements Has the contractors notified EPD of the construction site which is classified as a notifieble work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	/				
Csp311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	✓			_	
	Stockpiling of dusty materials					
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	~	}.			
	Use of vehicles					
Cap311R: Sch 21(2)	is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheering?	V				
	Miscelinneous	/				
Cap311R: Sed 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	7				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?		V	-		-
Cap311	Is black smoke emission from plan/equipment avoided?	\checkmark	-			

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks			
	Dredged Materials								
Сар466	Does the appropriate contractor possess valid dumping permits for deedged marine mud and have them available for inspection?	V							
Cap466	Are wastes disposed of at licensed sites?	V_							
	Construction Weste and Excavated Materials								
Сяр354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	V							
Сар354	Are wastes disposed of at licensed sited?	1		-					
	Chemical Waste								
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Wasto Disposal (Chemical Wasto) (General Regulation)?	1							
Сарз54С	Has the Contractor registered as a chemical waste producer?	V							
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	1							

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: MI	Are rubble mound seawells constructed for the landing and launching points at Lemma Island?	\checkmark				,

		٠.		_
N	•	ы	ч	и

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?		V	}		
EM&A: L2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point NS?	V				
NCO	Are valid construction noise permits, if required, available for inspection?	1				
NCO	Are conditions of construction noise pennits, if any, for the relevant part(s) of the works implemented accordingly?	1				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	1				

	_					1-1		
Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: O1	Are the construction activities at monitored to avoid impact on the species Celtis biondii, Pieris dispressricted plants Vitis balansman and Rhapis excelled?	: uncommon and tare plant our and Ardicia pusilla, and the		V				
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			V				
EM&A Q3	Has regular checking been performed boundaries are not exceeded and surrounding areas?	med to ensure that the work site that no damage occurs to		V			,	
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting						
		☐ Traffic		Construction activities juside the				
	Major noise source(s)	Construction activities outside the site					rend uitse	

Abbreviation VEP: Varied Environmental Permit BM&A: BM&A Memoal (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap3110: APC (Open Burrding) Regulation Cap314: Waste Disposal Ordinance Cap316: Dumping at Sea Ordinance Unik: Uniknown Remark NUL Signatures ET Member Contractor's Representative

(Name in Block letters:

BNOREW NG)

Name in Block letters:

20th December 2001

The Hongkong Electric Co. Ltd. Lamma Power Station Extension - Construction of Transmission System Weekly Site Inspection Checklist

Inspection d	iate 75 5 02 Time 16 50 age. Inspect	ted by				DREW NG
Site	TRANSMISSION ROOTE - HOLEDING		Comt	racto	e: STM	uley Leung
Veather		, <u>f</u>	-	, ,,,		<u> </u>
Condition	Sumny V Fine Overcast Hazy		Driz	zie [R	uin Ston
Temperatu	re 📆 °C Humidity High Moderat	te	Low	V		
Wind	Cabra Light Breeze Strong					
ENERAL				_		-
Ref.	Checklist Candition	N/A	Yes	No	Unk	Remarks
VEP 1.5 .	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?					
Ref.	Checkist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements			1		
Cap311R:	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?		·			
Cap311R: Sck 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	/				
	Stockpliing of desty meterials		<u>,</u>			
Cap311R: Sch 18 EM&A:J1	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust emission?	\	ľ			
	Use of vehicles					
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	~				
	Miscellaneous	*				
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?	1				

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap3110	Is open burning prohibited?		V			
Cap311	Is black smoke emission from plant/equipment avoided?	✓				

Ref	Checklist Condition	N/A	Yes	Ne	Unk	Remarks
	Dredged Materials					
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	V			-	
Cap466	Are wastes disposed of at licensed sites?	V				
·	Construction Waste and Excavated Materials	,				
Cap354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	1				
Cap354	Are wastes disposed of at licensed sited?	/	-	<u> </u>		· · ·
	Chemical Waste					
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				
Cap354C	Has the Contractor registered as a chemical waste producer?	1		\vdash	 	
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	V				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: M1	Are rubble mound seawalls constructed for the landing and launching points at Lamma Island?	1				, '

NOISE									
Ref	Checklist Condition	N/A	Yes	Ne	Unk	Remarks			
EM&A: Li	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4-to N5?		1						
EM&A: L2~L5	Are quiet PMEs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	/	. 52						
NCO	Are valid construction noise permits, if required, available for inspection?	V							
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	1							
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	√							

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at I monitored to avoid impact on the species Celtis blondil, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	uncommon and rare plant ar and Ardicia pusilla, and the		V			-
EM&A: O2	Are fences erected in accordance with the Hoarding Plan and kept in good condition along the boundary of construction sites to prevent tipping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			/	1		
EM&A: Q3	Has regular checking been perfort boundaries are not exceeded and surrounding areas?		/		-		
EM&A: Q4	Is open fire prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			~			
		Traffic	Construction activities inside				
	Major noise source(s)	Injor noise source(s) Construction activities outside the site			rs	Brck	GEOUND OU

Abbreviation			
VEP: Cap311R: Cap311O: Cap311: Cap466:	Varied Environmental Permit APC (Construction Dest) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance	EM&A: EM&A Manual (Construction Phus NCO: Noise Control Ordinance Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Unk: Unknown	-
Remark			
	NU		<u>-</u>
Signatures		e er ar er a er	
ET Member	Contractor's Repre	sentative	

20th December 2001

ANDREW NG)

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Construction of Transmission System Weekly Site Inspection Checklist Endot vol. by ET: ANDREW No.

Inspection of		ed by	ET:			LE LE
Site	TRANSMISSION ROOTE - HOMEDING		Com	BUIO	C. 2. UP	ulsy Lew
Weather	/					****
Concition	Sunny Fine Overcast Hazy		Driz	r)+ [R	nin Steet
Temperatu	re 30°C Humidity High Modern	e [Loa	,		
Wind	Calm Light Breeze Strang					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
VEF 1.5 .	Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information?	١	\checkmark			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			
AIR QUAL		N/A	Ves	No	Unk	Remarks
Ref.	Checklist Candition	N/A	Yes	No	Uak	Remarks
	General Requirements					
Cap311R:	Has the contractors potified BPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice? If yes, did the contractors notify EPD of the change?	\checkmark				
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Has this been observed?	V				
	Stockpiling of digity materials					· · · · · · · · · · · · · · · · · · ·
Cap311R: Sch 18 RM&A:31	Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to maintain the entire surface wet to prevent dust constitut?	V				
	Use of rehicles	<u> </u>	1	L		L-,
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
	Miscellaneous		•			
Cap311R: Sch 16	Are completed earthworks sealed and bydroseeded and planted as soon as possible?	V				

Ref.	Checklist Condition	N/A	Yes	No	Remarks
Cap3110	Is open burning prohibited?		7		
Cap311	Is black smoke emission from plant/equipment avoided?				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
Cap466	Does the appropriate contractor possess valid damping permits for dredged marine mud and have them available for inspection?	/		-		-
Cap466	Are wastes disposed of at licensed sites?	7				
	Construction Waste and Excavated Materials					
Сар354	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/				
Сар354	Are wastes disposed of at licensed sited?	1			 !	
	Chemical Waste					
Cap354C	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	/				
Cap354C	Has the Contractor registered as a chemical waste producer?	/	<u> </u>	<u> </u>		-
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	7	Γ	†		

Ref	Checklist Condition	N/A	Yes	No	Unk 	Remarks
EM&A: MI	Are rubble mound scawalls constructed for the landing and launching points at Lamma Island?					-

NOISE

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: L1	Are quiet PMEs or standard PMEs with modest source noise controls used at the cable route from N4 to N5?		/		ļ	-
EM&A: L2~L5	Are quiet PMHs (particularly the barge-mounted crane) or PMEs with comparably effective source noise controls used at landing point N5?	/		-		
NCO	Are valid construction noise permits, if required, available for inspection?	/				<u> </u>
NCO	Are conditions of construction noise permits, if any, for the relevant part(s) of the works implemented accordingly?	1				-
NCO	Are valid noise emission labels fixed at air compressors and hand beld percussive breakers?	/	·			•"

Ref	Checklist Condition		N/A	Yes	No	Qok	Remarks
EM&A: OI	Are the construction activities at landing points N4 & N5 closely monitored to avoid impact on the uncommon and rare plant species Celtis biondit. Pterts dispar and Ardicia pusilla, and the testricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa?			\			
EM&A: O2	Are fences erected in accordance with the Hoszding Plan and kept in good condition along the boundary of construction sites to prevent apping, vehicle movements, and encroachment of personnel into adjacent wooded areas, particularly where the rare, uncommon and restricted plant species are located?			1			
EM&A: Q3	Has regular checking been performed to ensure that the work site boundaries are not exceeded and that no damage occurs to surrounding areas?			/			
EM&A: Q4	Is open fire probibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			/			
. <u>-</u>		Traffic		Const	rectio	n activ	titles inside the
	Majer noise seurce(s)	Construction activities suiside the site		Other	3 _		

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VEP:

Varied Environmental Permit APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance

Cap311R: Cap3110: Cap311: Cap466:

Dumping at Sea Ordinance

EM&A: EM&A Manual (Construction Phase)

NCO: Noise Control Ordinance
Cap354: Waste Disposal Ordinance
Cap354c: WDO (Chemical Waste) (General) Regulation
Unic: Unknown

Remark		
N	L	
Signatures		
ET Member	Contractor's Representative	
/h	(Control)	
(Name in Block letters:	(Name in Block letters:	
ANDREW NG	STANLEY LEWS	

20^A December 2001

Page 4 of 4

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