Appendix I

Site Audit Summary

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

Inspection of	date 3/4/c) Time K: 10 Inspect	ed By			1040	S. Li
Site	LMX-SITE FORMATION		Cont	racto	г. Д	19129
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Storn
Temperatu	re C Humidity High Moderat	te [Low	1		
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	Checklist Condition	N/A	Yes	No	 Unk	Remarks
Kei.		N/A	Yes	No	Unk	Remarks
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?	ļ				
Cap311R: Sch 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 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			لـــــــــــــــــــــــــــــــــــــ		<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>		1		<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	No	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks scaled 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									
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?	7				<u> </u>				
	General refuse		1	1	1	· l				
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?	/				 				

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?	AN						
	(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>
VEP 3.3 /EM&A: B1	Is the configuration of dredging in accordance with the EP's requirements?	1				
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?	1				
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?	1				
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?	1				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks	
EM&A: Cl	Are working programmes schedu	led to minimize noise nuisance?		/				
EM&A: CI	Are construction works or equiprinuisance?	pent sited to minimize noise		/				
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/				
EM&A: Cl/GP	Is idle equipment turned off or th	rottled down?		/				
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise		/			•	
EM&A: C1)	Are construction works carried or nuisance?	at in a manner to minimize noise		/				
EM&A: C2	To mitigate construction noise du holidays, is either one of the folle a) Mitigation by portable noise b) Rescheduling of some powe sensitive time periods?	wing measures adopted?		/				
EM&A: C3	To mitigate night time construction equipped with silencers or muffle			VAPA				
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						
	Major noise source(s)	Traffic	/	Consti site	uctio	activ	ities inside the	
·	major noise source(s)	Construction activities outside the site		Others				

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: WDO:

Noise Control Ordinance Waste Disposal Ordinance

Unk: Unknown

Remark	
NIL	

Signatures

ET Member

Contractor's Representative

LI MIND FALTHAMAS

S. H. Wong.

12th June 2001

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

Inspection d	late [0/4/02] Time 2-15 pm Inspecte	d By			وس را	
Site	LMX - Site Formation	l	Conti	actor	<u>. </u>	war ferred
Weather	•					·
Condition	Sunny Fine Overcast Hazy	V	Drizz	zle [Ra	in Storm
Temperatu	re 23°C Humidity V 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?		1		-	
AIR QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements		<u> </u>		<u> </u>	<u> </u>
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, 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?			1		
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?	1				
	Construction Sites		,	1		
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?		į			

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)	1				
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?		1			
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?	/				
C2p311R: 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?	J				
	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?	1				
	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?	\top	1		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?	1				
Cap311O	Is open burning prohibited?		<u></u>			
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials	J		.1		.
WMP: 3.3/ EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	1				
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?	$\sqrt{}$				
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?	Ĭ				
	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?	1				
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?	1				
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?	1				
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?	J				
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	ls 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?		Ž		_				
	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, we'll maintained, kept closed and locked?	/							
	Storage, collection and transportation of waste								
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	V							
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;	1							
	(2) reusable / recyclable materials;	1							
·	(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?	1							

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		J			
VEP 3.4/ EM&A B3	Are dredging and sand filling for site formation prohibited to take place at the same time?		$\sqrt{}$			
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	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?	1				
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?	1				
EM&A: B7	Are barges filled to a level, which ensures that materials do not spill over during loading and transportation?	1				
EM&A: B7	Is adequate freeboard maintained to ensure the decks are not washed by wave motion?	1				
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?	17				
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?	1			_	

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedul	ed to minimize noise nuisance?		\checkmark			
EM&A: Cl	Are construction works or equipm nuisance?	ent sited to minimize noise		/			
EM&A: C1	Are all plant and equipment main conditions?	ained in good operating		√			
EM&A: C1/GP	Is idle equipment turned off or the	ottled down?	-		-		
EM&A: C1	Are methods of working devised a 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 perminspection?	nits, if required, available for	:	1	,		
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		/			
	Major poice course(s)	Traffic	1	Const site	ructio	n activ	rities inside the
	Major noise source(s)	Construction activities outside the site		Other	~s		

Abbreviation

Varied Environmental Permit DNRP: Dredging & Reclamation Plan VEP: EM&A: EM&A Manual (Construction Phase) WMP: Waste Management Plan Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance WDO: Waste Disposal Ordinance Cap311O: APC (Open Burning) Regulation Cap311: Air Pollution Control Ordinance Unk: Unknown Remark NIL Signatures ET Member Contractor's Representative

(Name in block lenets.

CONTEC CHAN

(Name in Block letters:

12th June 2001

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

Inspection d	late 11/4 102 Time 11:00 cm Inspects	ed By	ET:			Char
Site	LMX - Site Formation		Cont	acto	<u>τ: ₩√ (</u>	K KW
Weather						
Condition	Sunny Fine Overcast Hazy		Driz:	zle [Ra	nin Stor
Temperatu	re 24°C Humidity High Moderat	e [Lov	,		
Wind	Calm Light Breeze Strong					
GENERAL						
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
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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		1		L	
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	Construction Sites					
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	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
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Cap311R: Sch 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	\checkmark				
Cap311R: Sch 15(4)	Are the handlings of cernent 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?					
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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)	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?	/	1			
	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?	V,	1			
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?					
Cap3i1	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?			-	\dagger	

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)?	/							
WDQ	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	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?	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"?					

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"?		J			
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?		\checkmark			
EM&A: C1	Are construction works or equipm nuisance?	nent sited to minimize noise					
EM&A: C1	Are all plant and equipment maint 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 a nuisance?	and arranged to minimize noise		/	(
EM&A: C1)	Are construction works carried ou nuisance?	t 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?	nits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works imple			/			
NCO	Are valid noise emission labels fit held percussive breakers?	xed at air compressors and hand		/			
	Major noise source(s)	Traffic	/	Const.	ructio	n 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 NCO: Noise Control Ordinance Cap3110: APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Cap311: Air Pollution Control Ordinance Unk: Unknown Remark NIL Signatures ET Member Contractor's Representative

Name in Block letters:

The Limit Known

12th June 2001

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

Inspection	date 74/4/6V Time 4270 Inspect	ed By	Cont	Ya racto	<u>dey (</u> 1: T	um Evan Leun
Site	LMX - Site Formation		L		Ж	nav teur
Weather		<u> </u>	- -		-	
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	uin Sto
Temperati	ure 30°C Humidity High Moderat	te	Lov	ý		
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?					
· · · · · · · · · · · · · · · · · · ·		L	<u> </u>	L	L	L
AIR QUAL	ITY					
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	L	L	L	[
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?		/			
		ĺ	l V			
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?	\	V			
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever		V			
EM&A:	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?					
EM&A:	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	<u></u>	V			

Ref.	Checklist Condition	N/A	Yeş	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?	\checkmark				
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?	\nearrow				
Cap311R: Sch 15(2)	Is bulk cement or dry PFA stored in a closed silo fitted with a high-level alarm?	$\sqrt{}$				
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?	\checkmark				
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?				į	
	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?	$\sqrt{}$				
	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,/	1	\top		

Ref.	Checklist Condition	N/A	Yes	Nọ	Unk	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydroseeded and planted as soon as possible?					
Cap311O	Is open burning prohibited?		7			
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?	V	-						
	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?	1				<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?		$\sqrt{}$			·-			
WMP 5.5.2 5.5.3	Are burning of refuse at site and dumping at sea prohibited?		$\sqrt{}$						
	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
<u>-</u> .	Dredging activities	•				
VEP 3.3 /EM&A: Bt	Is the configuration of dredging in accordance with the EP's requirements?	/				
EP 3.3 /EM&A: B1	ls the number of large dredgers in operation reduced by I 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?		V			
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?	1		,		
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?	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"?					

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?	7				

NOISE

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: Cl	Are working programmes schedul	ed to minimize noise nuisance?		$\sqrt{}$			
EM&A: C1	Are construction works or equipm nuisance?	ent sited to minimize noise					
EM&A: C1	Are all plant and equipment maint conditions?	tained in good operating					
EM&A: C1/GP	Is idle equipment turned off or thr	ottled down?		\checkmark			
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?		/				
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			/			
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?			/			
	Major poice course(s)	Traffic		Const	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:

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)

Noise Control Ordinance NCO: WDO: Waste Disposal Ordinance

Unknown Unk:

Remark					
NIL.					
			•		
					
				· · ·	• • •
					
	,				
					
Signatures		•		• • • • • • • • • • • • • • • • • • • •	

ET Member

Contractor's Representative

(Name in Block lette

(Name in Block letters:

12th June 2001

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

Inspection d	late []/4/02 Time [5:00] Inspect	ed By	ET:	U L.VV	imas	Li
Site	LMX-UNIT L9 PILING		Com	Iacio	11. / *(ichael Cheak
Weather						
Condition	Senny Fine Overcast Hazy		Driz	zle [R	ain Storm
Temperatu	re 28 °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 QUALI	Checklist Condition	N/A	Yes	No	Unk	Remarks
Kci.	General Requirements	1028		110	CDK	Actini As
Cap311R:	Has the contractors notified EPD of the construction site which is			1]
3	classified as a notitiable 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	·			-	
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?					<u></u>
	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: A2	Are all the conveyor transfer points totally enclosed?					····

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Miscelianeous					
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?	1				
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?	_				

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?	/							
	(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?	/							
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	Ne	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?	1				
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: 87	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: Cl	Are working programmes schedu	led to minimize noise nuisance?	, .	1		•				
EM&A: C1	Are construction works or equipmoutsance?	nent sited to minimize noise		1						
EM&A: C1	Are all plant and equipment main conditions?	tained in good operating		/	•		-			
EM&A: CI/GP	Is idle equipment turned off or th	rottled down?	1	/						
EM&A: C1	Are methods of working devised nuisance?	and arranged to minimize noise		/						
EM&A: C1)	Are construction works carried or nuisance?		1							
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?		/							
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		1,	1						
NCO	Are valid noise emission labels fi held percussive breakers?	xed at air compressors and hand								
		Traffic			ructio	n activ	ities inside the			
	Major noise source(s)	Major noise source(s) Construction activities outside the site			Others					

Abbreviation

VEP: WMP: Varied Environmental Permit

Waste Management Plan APC (Construction Dust) Regulation

Cap311R: Cap311O: Cap311:

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	· · · · ·	 		
· · · · · · · · · · · · · · · · · · ·		 		
Signatures		 		

ET Member

Contractor's Representative

(Name in Block letters:

LIMING FAL)

(Name in Block letters: MICHAEL CHEWK)

23rd April 2002

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

Inspection d	ate $24/4/02$ Time $5:00$ Inspects	ed By	ET:	actor	OMB Mal	is Li hael Cheut
Site	IMX-UNIT L9 PILING	L	COM	100	<u>: ritU</u>	nuel ment
Weather						
Condition	Sunny Fine Overcast Hazy		Drizz	zle [Ra	in Storm
Temperatur	re 71°C 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?		1			
AIR QUALI 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?		1			
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: 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)			<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?					
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				<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					
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?					<u> </u>

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?					

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?	1				
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?	7				
•	Construction Waste and Excavated Materials	<u> </u>	L	-		
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?	/				Application
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	_l		<u> </u>		
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	Nó	Unk	Remarks .				
WMP 5.5.2	Is the refuse disposed of regularly and properly?	/				<u> </u>				
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	•		<u></u>		
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 a	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?			<u>.</u> .		
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"?					

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?					

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 equipmuisance?	nent 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 nuisance?	and arranged to minimize noise		/				
EM&A: C1)	Are construction works carried or nuisance?	at 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?		/					
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 fixed at air compressors and hand held percussive breakers?							
		Traffic		Const. site	ructio	n activ	ities inside the	
	Major noise source(s)	Construction activities outside the site	Others					

Abbreviation

VEP:

Varied Environmental Permit

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

WMP: Cap311R: Cap311O:

Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Noise Control Ordinance

Cap311:

Air Pollution Control Ordinance

NCO: Waste Disposal Ordinance WDO:

Unk: Unknown

Remark			
M ; 1			
•			
	,		

Signatures

ET Member

Contractor's Representative

(Name in Block letters:

MING FAL

(Name in Block letters: MICHAEL CHEWK,

23rd April 2002

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

Inspection of	date $3/4/2002$ Time $1/2003m$ Inspect	ted by	ET:	Andr racto		Ng hael Chul
Site	Transmission Route - Hoarding					
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Stor
Temperatu	re 2)°C Humidity High Moderat	te _	Low	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 updated 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?		/			
						Ç
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?					
	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				L	<u> </u>
Cap311R: Sch 21(2)	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/	-			ī
	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?		/			
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?	/				
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?		0			
Cap354	Are wastes disposed of at licensed sited?	V				
;	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"?					

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?	V				

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?		\ \ \	,		
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?	/				
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?	/				

TERRESTRIAL ECOLOGY

Ref	Checklist Condition	V - +13	N/A	Yes	No	Unk	Remarks
EM&A: O1	monitored to avoid impact on the species Celtis biondii, Pteris dis						S. C.
EM&A: O2	Are fences erected in accordance in good condition along the bour prevent tipping, vehicle movement personnel into adjacent wooded uncommon and restricted plants		/				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and surrounding areas?		/	,			
EM&A: Q4	Is open fire prohibited and preve boundary during construction? I equipment provided in the work	s temporary fire fighting		/			-
		П					•
	Major raise source(s)	☐ Traffic	Construction active				ities inside the
, , ,	Major noise source(s)	Construction activities outside the site	Ū∕	Others	kgro	und poise only	

ь	h	rev	ria	41	an.

VEP:

Cap311R:

Varied Environmental Permit

Cap3110:

APC (Construction Dust) Regulation

Cap311: Cap466:

APC (Open Burning) Regulation Air Pollution Control Ordinance Dumping at Sea Ordinance

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

Noise Control Ordinance

Cap354: Waste Disposal Ordinance Cap354c: WDO (Chemical Waste) (General) Regulation

Unknown

Remark					
NIL					
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liameteros					

ET Member

Contractor's Representative

(Name in Block letters:

ANDREW NG

(Name in Block letters:

CHUI)

20th December 2001

Page 4 of 4

L'Lamma-Cyberport/EM&A\hoarding\w_checklist\E_checklist.doc

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

Inspection d	late $10/4/2002$ Time $1/1=00$ Time Inspect	ed by	ET:	Andr	enl	Na
Site	Transmission Route - Hoarding	1	Conti		·· M7	chael Chui
Weather						
Condition	Sunny Fine Overcast Hazy	V	Drizz	zle [Ra	in Storm
Temperatu	re 22°C Humidity High Moderat	е _	Low	ī		
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?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		\checkmark			
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?	/				
	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
Cap311O	Is open burning prohibited?		/			
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?					
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?	/				
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?	1				
Cap354C	Is chemical waste handled according to the "Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				

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?	/				

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?					
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?	/				
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?	/				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	1				

TERRESTRIAL ECOLOGY

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, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	e uncommon and rare plant		\			
EM&A: O2	Are fences erected in accordance in good condition along the bour prevent tipping, vehicle moveme personnel into adjacent wooded uncommon and restricted plant s		\ \				
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 prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting		/			
			<u> </u>				91.21
		☐ Traffic	Construction activities site Others Back ground				ities inside the
	Major noise source(s)	Construction activities outside the site					ound noise only

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

20th December 2001

(Name in Block letters:

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

Inspection of	late $15/4/2002$ Time $9=30 \text{ dm}$ Inspect	ted by	ET:			Ng.
Site	Transmission Route - Hoarding		Cont	lacto	·· Much	nael Chui
Weather						
Condition	Sunny Fine Overcast Hazy		Driza	zle [Ra	nin Storr
Temperatu	re 27°C Humidity High Moderat	te	Low	7		
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?		/			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/			
AIR QUALI	TY			•		
AIR QUALI	TY Checklist Condition	N/A	Yes	No	Unk	Remarks
		N/A	Yes	No	Unk	Remarks
	Checklist Condition	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 change in the notice? If yes, did the contractors notify EPD of the	N/A	Yes	No	Unk	Remarks
Ref. Cap311R: 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? If yes, did 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.		Yes	No	Unk	Remarks
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Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to		Yes	No	Unk	Remarks
Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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?		Yes	No	Unk	Remarks
Ref. Cap311R: Cap311R: Sch 12(3) Cap311R: Sch 18 EM&A:J1 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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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 Is every load of dusty material on the vehicles leaving the		Yes	No	Unk	Remarks

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311O	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?	V				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
7	Dredged Materials				l	
Cap466	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
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?	/	٥			
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"?	/				

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?		,	-	e.	

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?		/			
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?	/				
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?	1				
NCO	Are valid noise emission labels fixed at air compressors and hand held percussive breakers?	/				

TERRESTRIAL ECOLOGY

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, Pteris disprestricted plants Vitis balansaean and Rhapis excellsa?	uncommon and rare plant		/				
EM&A: O2	in good condition along the bour prevent tipping, vehicle moveme	nts, and encroachment of areas, particularly where the rare,		/				
EM&A: Q3	Has regular checking been perform boundaries are not exceeded and surrounding areas?			/	-			
EM&A: Q4	Is open fire prohibited and preve boundary during construction? Is equipment provided in the work	s temporary fire fighting		/				
	Major noise source(s)	☐ Traffic		Construction activities inside the site				
	major noise source(s)	Construction activities outside the site	Ø	Other	s <u>B</u> ad	k grow	nd notse only	

Abbreviation

VEP: Cap311R: Cap3110: Veried Environmental Permit APC (Construction Dust) Regulation

Cap311: Cap466:

APC (Open Burning) Regulation Air Pollution Control Ordinance 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

Unk: Unknown

Remark		
NIL		
Signatures		
ET Member	vatractor's Representative	
<u> </u>	Milei	

(Name in Block letters:

CHUI)

20th December 2001

(Name in Block letters:

ANDREW NG

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

Condition Sunny Fine Overcast Hazy Drizzle Rain Storm Temperature 2 °C Humidity High Moderate Low Wind Calm Light Breeze Strong		ate 22/4/2002 Time 9:30 Jm Inspect	ted by		Andr	eul .	Ny
Condition Sunny Fine Overcast Hazy Drizzle Rain Storm Temperature 2 °C Humidity High Moderate Low Wind Calm Light Breeze Strong GENERAL Ref. Checklist Condition VEP 1.5 Has a copy of the most updated Environmental Permit been displayed at all vehicular site entrances/exits for public information? VEP 1.6 Is a copy of ElA report kept in Engineers' and Contractors' offices on site? AIR QUALITY Ref. Checklist Condition N/A Yes No Unk Remarks General Requirements Cap311R: Is as 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: As experienced 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: 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: Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Site	Transmission Route - Hoarding		Cont	iacio.	·· Mīch	del Chui
Temperature Wind Calm Light Breeze Strong GENERAL Ref. Checklist Condition VEP 1.5 Has a copy of the most updated 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 QUALITY Ref. Checklist Condition N/A Yes No Unk Remarks AGRIPHIC Checklist Condition N/A Yes No Unk Remarks 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: 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: 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: Cap311R: Are solopiles of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Weather						
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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? VEP 1.6 Is a copy of EIA report kept in Engineers' and Contractors' offices on site? AIR QUALITY 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: 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: 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: Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Temperatu	re 2]°C Humidity High Moderat	te	Low	,		
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? VEP 1.6 Is a copy of EIA report kept in Engineers' and Contractors' offices on site? AIR QUALITY 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: 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 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: Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Wind	Calm Light Breeze Strong					
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AIR QUALITY 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: 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 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) Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	VEP 1.5	displayed at all vehicular site entrances/exits for public		V	,		
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Sch 18 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: Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Cap311R:	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? If yes, did 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.	N/A	Yes	No	Unk	Remarks
Cap311R: Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Cap311R: Sch 12(3)	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials	N/A	Yes	No	Unk	Remarks
Sch 21(2) construction site covered entirely by clean impervious sheeting? Miscellaneous Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Cap311R: Sch 12(3) Cap311R: Sch 18	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials Are stockpiles of dusty materials entirely covered with impervious sheets or sheltered on the top and 3 sides or sprayed with water to	N/A	Yes	No	Unk	Remarks
Cap311R: Are completed earthworks sealed and hydroseeded and planted as	Cap311R: Sch 12(3) Cap311R: Sch 18 EM&A:J1	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? If yes, did 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. Has this been observed? Stockpiling of dusty materials 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	N/A	Yes	No	Unk	Remarks
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Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
Cap311O	Is open burning prohibited?		/			==:
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?	/	\$ % 	:		· ·
Cap466	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials			<u></u>		
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"?	/	-		•	

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?	\	•			-

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?		7			
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?	/				
NCO	Are valid construction noise permits, if required, available for inspection?			N 7		****
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?		•			

TERRESTRIAL ECOLOGY

Ref	Checklist Condition		N/A	Yes	No	Unk	Remarks
EM&A: O1	Are the construction activities at landing points N4 & N5 closely monitored to avoid impact on the uncommon and rare plant species Celtis biondii, Pteris dispar and Ardicia pusilla, and the restricted plants Vitis balansaeana, Pterospermum heterophyllum and Rhapis excellsa?			✓			-
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?			/	,		
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 prohibited and prevented within the work site boundary during construction? Is temporary fire fighting equipment provided in the work area during construction?			/			
······································	Major noise source(s)	☐ Traffic	Construction activities inside the				
		Construction activities outside the site	Others Bock ground roise only				

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

ANDREW NG

CHOL