Appendix H

Site Audit Summary

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

Inspection	date 3/12/03 Time 4-60 Inspect	ed By	ET:		emps	
Site	[LMK-Site Fortnation]		Com	uac(n. ben	<u>i Chan</u>
Veather						
Condition	Sunny Fine Overcast Hazy		Driz	zie	R	ain Stor
Temperatu	re 22 °C Humidity High Moderat	e 🔽	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?		<i>[</i> -2	7 (s-		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?	, i	/			
AIR QUAL	TTY THE TAXABLE PROPERTY OF THE PROPERTY OF TH		777.	\$76°	- 	'
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	. gatus	\			
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 in the change?			4.94	5/00	ing specification of the specific speci
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	I	<u>, </u>	1	·
EM&A: Al	Are haul roads paved with concrete or sprayed with water to keep the entire road wet?		/	<u> </u>		
	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	Unl	Remarks
	Cement and dry pulverized (uel 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?	/		-		<u> </u>
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		<u> </u>	 -	1	.J
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: AI	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
_	Use of vehicles				-	<u> </u>
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?			-		i
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
	Transfer of dusty materials using a belt conveyor system			L.J		
Cap311R:	Are belt conveyors used for transfer of dusty materials covered on			1		
Sch 20(1)	The top and 2 sides?			-		11
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	7	1873.TJ	13	34 He 3	do se se
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of severy conveyor? Is the belt scraper equipped with bottom plates as or similar means to prevent falling of materials from the return belts?		:	ंद्र्य	5 25 (2	क्षांत्र व संस्थापार्थः इस्टेक्स्य है।
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?		'			•
	Concrete batching plant				لـــــــــــــــــــــــــــــــــــــ	
EM&A: A2	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				· <u>·</u>
EM&A: A2	Are dusty materials, except cement and dry PFA, wetted by water spray system?	/				
	Are all the receiving hoppers enclosed on three (3)sides up to 3m	_		-		
EM&A: A2	above unloading point?					

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

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remark	22
	Dredged Materials						
MP .[&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/	7		,		
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/					
EM&A: E3	Are wastes disposed of at licensed sites?		3 in 613	1.2			
i i	Construction Waste and Excavated Materials						
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	/	والمراجعين والمراجع				-
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?						
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		./				
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		1				
WMP	Are the remaining unsuitable excavated materials disposed of at the public filling areas?	1		1~	# T-1	22	
EM&A: E3	Are wastes disposed of at licensed sites?		ere T				
	General refuse						
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?		<u> </u>				
WMP	Is general refuse stored within receptacles and separated from chemical wastes?						
WMP	Is the refuse disposed of regularly and properly?		/		-		
WMP	Are burning of refuse at site and dumping at sea prohibited?	-			1		_
<u> </u>	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)?						

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
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?	1	· · · ·	1111111	nan.	*.
, , , , , , , , , , , , , , , , , , , ,	The second secon	1.0	eren			

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
· · · · · · · · · · · · · · · · · · ·	Surface Run-off		' 	,		
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/			() - 10 - 1	
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent crosson caused by rainstorms? Is appropriate drainage like intercepting channels provided where accessary?	1	#**** #08**	710	i i san Milit	3 ± 3
PN1/94	Are measures taken to minimize the lagress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?		and constitution	1 () () () () () ()	<u> </u>	· · · · · · · · · · · · · · · · · · ·
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	1				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/			 	

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?					
	Wheel Washing Water	Ŧ_				
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		1			

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 manunals?		,			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		\(\frac{1}{2}\)	1.7-44		
EM&A:	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 sche	duled to minimize noise nuisance?	1			-	
EM&A: C1	Are construction works or equi nuisance?	pment sited to minimize noise		/			
EM&A: Cl	Are all plant and equipment ma conditions?	intained in good operating					
EM&A: C1/GP	Is idle equipment turned off or	throttled down?		/			
EM&A: C1	Are methods of working devise nuisance?	d and arranged to minimize noise		/			
EM&A: C1)	Are construction works carried nuisance?	out in a manner to minimize noise					
EM&A: C2	To mitigate construction noise of holidays, is either one of the folia) Mitigation by portable noise b) Rescheduling of some powers sensitive time periods?	during Sunday's and public lowing measures adopted? se barriers at noise sources or vered mechanical equipment to less		/		-	
EM&A: C3	To mitigate night time construction of multi-	tion noise, is dredging equipment lers?					,
NCO	Are valid construction noise per inspection?	mits, if required, available for					
NCO	Are conditions of construction relevant part(s) of the works im	oise permits, if any, for the plemented accordingly?		-/			
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand	/				
		☐ Traffic	Į.	Constr Site	uction	activi	ties inside the
	Major noise source(s) Construction activities outside the site			Others	·		······································

Abbreviation VEP: Varied Environmental Permit Waste Management Plan WMP: EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap311O: Cap311: APC (Open Burning) Regulation Air Pollution Control Ordinance WDO: Waste Disposal Ordinance Practice Note for Professional Persons (Construction Site Drainage) PN1/94: Unk: Unknown Remark 170 Signatures ET Member Contractor's Representative

Chomas Le

ime in Block letters:

(Name in Block letters:

Broomi Corpor)

11th November 2002

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

Inspection d	ate 10/12/03 Time 14200 Inspecte	d By	ET:	C'	F. I	_ee
			Cont	racto	r: g	Chan
Site	LMX - Site Formation					
Veather						
Condition	Sunny Overcast Hazy		Driz	zie [Ra	uin Stor
Temperatu	re 20°C Humidity High Moderate	e	Low	•		
Wind	Calm Light Breeze Strong		i			
ENERAL	•	•				
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?			1		
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		/	.:	-	
AIR QUAL	TY	e a come e	an areas as a sym to the	il.		
Ref.	Checklist Condition	N/A	Yes.	No	Unk	Remarks
	General Requirements	. 165m	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u>l</u>	<u>!</u>
ap311R:	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?	22226		412	GYND.	\$100 000 000 000 000 000 000 000 000 000
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?	/				
	Construction Sites		I		· · · · · · · · · · · · · · · · · · ·	
EM&A:	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	Uok	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: Scb 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 sito 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?					
	Leading, unloading or transfer of dusty materials					
Cap311R: Seh 19	Are dusty materials, except coment and dry PPA, sprayed with water immediately prior to any loading, unloading or transfer operation?		:			
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
**	Use of vehicles		,			
Cap311R: Sch 21(2) EM&A: A1	Is every lead of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cup311R: 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?			* 2	2130 2 2430 2	
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of , every conveyor? its the belt scraper equipped with hottom plateties or similar means to prevent falling of materials from the return belts?			े के क	636 14 440 111	A TOP OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF T
Cap311R: Sch 20(4)	Are stockpiting 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 coment and dry PFA, wetted by water spray system?	/.			***************************************	COMPANIA
	Are all the receiving hoppers enclosed on three (3) sides up to 3m					
EM&A:	above unloading point?					1

χεſ.	Checklist Condition	N/A	Yes	No	Uak	Remarks
	Miscellaneous					
Cap311R: Sch 16	Are completed earthworks sealed and hydrosecoded 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	NA	Yes	No	Unk	Remarks
	Dredged Materials			4	*************	
MWb MWb	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?		1			
wmp emaa: e3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				•
emaa: Ej	Are wastes disposed of at licensod sites?	3.	1 4 11		,	
	Construction Waste and Excavated Materials					
WMP EM&A: E3	Does the Contractor possess a valid Public Dumping License for construction waste and excavated materials and make it available for inspection?	<i></i>	, ajo i			
WMP	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/	prowne 3			
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?	- 1	, /			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?					* * * * * * * * * * * * * * * * * * *
WMP.	Are the remaining unsuitable excurred materials disposed of at the public filling areas?		***			
emaa: e3	Are wastes disposed of at liceased sites?	7	7-2 S	35.77	1776 8 36.25	
	General refuse	& 			<u> </u>	
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	/				
WMP	Is the refuse disposed of regularly and properly?		1			***************************************
WMP	Are burning of refuse at site and dumping at sea prohibited?		7			
	Chemical Waste					
EM&A: EJ	Has the contractor obtained the necessary disposal permits from the relevant authority, if required, according to Waste Disposal (Chemical Waste) (General Regulation)?	1				•

Ref	Checkfist Condition	N/A	Yes	No	Unk	Remarks
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?	/				
The second secon	Storage, collection and transportation of waste	1				
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;		i			
	(2) reusable / recyclable materials;	'				
West State of State o	(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?	. /	-			

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WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Vak	Remarks
	Surface Run-off	<u> </u>				
PN 1/94	Are the silf removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	1		***************************************		
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	7		7 J. 6	nagi Poor	: 1. The state of the state of
PNL/94			-1	*		
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?	-	•			
	Groundwater				ļ	
PN 1/94	Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	/				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water	1			† 	
PNI/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?		- Indicated in the second in t			
	Wheel Washing Water		-			
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

MARINE ECOLOGY

Ref	Checklist Condition	NA	Yes	No	Unk	Remarks
EM&A: G1	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?		ď			
EM&A: G2	Do the marine vessels moving to and from the construction site strictly follow the router stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Sik Curtain"?		/	7.15		
EM&A: G3	Is rubble around 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	Uak	Remarks
EM&A:	Are working programmes schodu	led to minimize noise nuisance?		/			
EM&A: CI	Are construction works or equipm nuisance?	nent sited to minimize poise		<i>/</i> ^			
EM&A: CI	Are all plant and equipment main conditions?	tained in good operating		/			
EM&A: CI/GP	Is idle equipment turned off or the	rottled down?		/		,	
EM&A: Cl	Are methods of working devised nuisance?	and arranged to minimize noise		/			
EM&A: CI)	Are construction works carried or nuisance?	nt in a manner to minimize noise	- •				
EM&A: C2	To mitigate construction noise du holidays, is either one of the folio a) Mitigation by portable noise b) Rescheduling of some power sensitive time periods?	wing measures adopted? barriers at noise sources or		/		T .	
EM&A: C3	To mitigate night time construction equipped with silencers or muffle						
NCO	Are valid construction noise perminspection?	rits, if required, available for		/			
NCO	Are conditions of construction no relevant part(s) of the works impl						
исо	Are valid noise emission labels for held percussive breakers?	xed at air compressors and hand		/			
-	Major noise source(s)	Traffic	Ø	Coustr site	uction	activi	ties inside the
		Construction activities		Others	·		

cviation

/EP: WMP: Cap311R: Cap311O: Cap311: PN1/94: Unk:	Varied Environmental Permit Waste Management Plan APC (Construction Dust) Regulation APC (Open Burning) Regulation Air Pollution Control Ordinance Practice Note for Professional Persons (Con Unknown	NCO: WDO:	EM&A Manual (Construction Phase) Noise Control Ordinance Waste Disposal Ordinance Drainage)
Remark	**************************************		
N:1.		- William - which had be been as the same of the same	
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Signatures			
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C.F.L	e 3 Chan	1	

11th November 2002

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The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

Inspection da	ate 1/12/03 Time 14200 Inspecte	d By	ET:			Lee
Site	LAVY C'A T' A'	į	Contr	acto	: <u>в</u>	Chin
Site	LMX - Site Formation					
Weather						
Condition	Sunny Fine Overcast Hazy		Drizz	de [Ra	in Storm
Temperatur	re N C Humidity High Moderate	: [Low	,		
Wind	Calm Light Breeze Strong		į			
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		riano ne s Le interes			ije da il	
Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	General Requirements	. li-m				<u>'</u>
Cap311R: 3	Has the contractors notified EPD of the construction site which is classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify EPD if the change?	इ.स.६.चे च्याच्या		110	6/10	Brasile de como de Brasile de como de Brasile de com
Cap311R: Sch 12(3)	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed?		/	•		
Cap311	Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?	/				
	Construction Sites					
EM&A:	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: Seb 15(3)	Are the storage silos for cement or dry PFA prevented from overfilling?	/				
Cap311R: Sch 15(4)	Are the handlings of coment or dry PFA through a totally enclosed system equipped with air pollution cointrol equipment at the vent of the system?					
Cap311R: Sch 15(2)	is bulk cerrent or day PFA stored in a closed silo fitted with a high-level alarm?	/				
Cap311R: Seb 17	Are the centent, 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	<u> </u>	<u> </u>		å	
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?					i
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		/			
,	Transfer of dusty materials using a belt conveyor system	L				
CapJ11R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?	1				
Cap311R: Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?		- Mari	4. 1548	go y in a s	
Cap311R: Sch 20(3)	is a belt scraper or equivalent (evice installed at the head pulley of , every conveyor? sit the belt scraper equipped with hottoen plates in or similar means to prevent falling of materials from the return belts?	. No. 2 30	s ti do tineda (इंडेड उर केंग्रीकाश	dania da Maria da
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping beight within 1 m?					
		·				-
	Concrete batching plant					
EM&A:	Concrete batching plant Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system?	/				
	Are the loading, unloading, handling, transfer or storage of any	1				· · · · · · · · · · · · · · · · · · ·
A2 EM&A:	Are the loading, unloading, handling, transfer or storage of any dusty materials carried out in a totally enclosed system? Are dusty materials, except coment and dry PFA, wetted by water	1				

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?	/				
Cap3110	Is open burning prohibited?					
Cap311	Is black smoke emission from plant/equipment avoided?					

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checkdist Condition	NVA	Yes	No	Unk	Remarks
	Dredged Materials					
WMP V&A: EJ	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	١.	7			
wmp Emga: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	1	*			-
EM&A: E3	Are wastes disposed of at licensed sites?	/	1 4 1	*	. "	
i i	Construction Waste and Excavated Materials					*************************************
WMP 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	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/		. "		
WMP	Is suitable concrete waste/exervated material used for on-site rectamation/filling works?	.*	1			·
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	. J				·
WMP	Are the remaining unsuitable excepted materials disposed of at the public filling areas?		1.125 1 2 48 5			Series.
EM&A: E3	Are wastes disposed of at licensed sites?	7		7		-
	General refuse	1	<u> </u>	1	·	I (
WMP	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?					
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	/				
WMP	is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?	1 -			<u> </u>	
	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)?					·

Ref	Checklist Condition	NA	Yes	No	Uak	Remarks
WDO	Has the Contractor been registered as a chemical waste producer?	/	1			
EM&A: E3	Has the Contractor kept all the trip tickets for the disposal of chemical waste and made them available for inspection?	/				
ем&л: E4	Is chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste 7	-			18	
EM&A: F4	Is the chemical waste storage, if any, well maintained, kept closed and locked?	/			***************************************	2
	Storage, collection and transportation of waste	· L		<u></u>	**/ _/	
EM&A: E3	Are wastes transported by enclosed containers or covered trucks?	1				
EM&A: E3	Are waste materials segregated and sorted into 3 categories as follows?					110
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/	i		7	
	(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?				۹,,,	

TERES

WATER QUALITY

Ref	Checklist Condition	N/A	Yes	No	Uak	Remarks
	Surface Run-off			:		
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent perusasent work or surface protection carried out immediately after the final surfaces are formed to provent erosion caused by ministorus? Is appropriate drawings like intercepting channels provided where processary?	6		ં છે જ	१ गडीह हिन्दी क्यार्थी	
PN1/94 **		7	******	€ j+4.	مفيغ يهم	
PN1/94	Are open stockpiles of construction materials (e.g. aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	/				
PN1/94	Are matholes (including newly constructed ones) adequately covered and temporarily scaled so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers?					
PN1/94	Groundwater Is groundwater that pumped out of wells discharged into storm drains after the removal of sitt in silt removal facilities?	7				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
· · · · · · · · · · · · · · · · · · ·	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or reclesoil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?					
	Wheel Washing Water					
PN1/94	Is a whoel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

MARINE ECOLOGY

Ref	ſ	Checklist Condition	NA	Yes	No	Unk	Remarks
EM GI	S&A:	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammats?	/	i			
EM G2	1&A:	Do the marine vessels moving to and from the construction site strictly follow the routes stated in the "Plan for Dredging & Reclamation, Routing of Construction Related Marine Vessels, and Installation of Silt Curtain"?		<u> </u>	. * 5.	1 x 4	
EM G3	ila:	Is rubble mound servall constructed to the south and west edges of the reclamation to enhance recolonization of marine organisms?	/				1

NOISE

Ref	Checklist Condition-		N/A	Yes	No	Uak	Remarks
EM&A: CI	Are working programmes schedu	led to minimize noise nuisance?					A STATE OF THE STA
EM&A: Cl	Are construction works or equipm nuisance?	nent sited to minimize noise		/			
EM&A: CI	Are all plant and equipment main conditions?	tained in good operating			120 <u>28</u>		- And Andrews Comments of the Angree of the
EM&A: CI/GP	Is idle equipment turned off or the	ottled down?		/	1903		
EM&A: CI	Are methods of working devised nuisance?	and arranged to minimize noise					
EM&A: CI)	Are construction works carried or nuisance?	nt in a manner to minimize poise	+ .				
EM&A: CI	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:	To mitigate night time construction coupped with sileneers or muffle						
NCO	Are valid construction noise perminspection?	its, if required, available for		/			,
NCO	Are conditions of construction no relevant part(s) of the works impl			/			
NCO	Are valid noise emission labels for held percussive breakers?	red at air compressors and hand					
	d Traffic			Constr site	uction	a setivi	Ges Inside the
	Major noise source(s)	Construction activities		Others			

.obreviation VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: Cap311O: APC (Construction Dust) Regulation NCO: Noise Control Ordinance APC (Open Burning) Regulation WDO: Waste Disposal Ordinance Air Pollution Control Ordinance Cap311: Practice Note for Professional Persons (Construction Site Drainage) PN1/94: Unk: Unknown Remark Signatures ET Member Contractor's Representative

11th November 2002

C.F_lex

(Name in Block letters:

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

Inspection	date 24//1/03 Time /5100 Inspect	ted By	ET:	(2 .F.	Lee nnis Ling
Site	LMX - Site Formation		Cont	racto	or: De	ants Ling
Weather					<u> </u>	
Condition	Sunny Fine Overcast Hazy		Driz	zle [Ra	ain Sto
Temperat	ure 7°C Humidity High Modera	te	Lov	٧		
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?		1			
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	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?		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?	/				
	Construction Sites					
EM&A: A1	Are baul roads paved with concrete or sprayed with water to keep the entire road wet?					
Cap311R:	Stockpiling of dusty materials		·			

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?	1				
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?	1				e voje s speciel
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?	/				g A
	Loading, unloading or transfer of dusty materials					<u>:</u>
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/			, i	1: 21
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles	•		•		
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/				
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?		, ,,			
	Transfer of dusty materials using a belt conveyor system	•				
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?					
Cap311R; Sch 20(2)	Is every transfer point between any two-belt conveyors totally enclosed?	/				
Cap311R: Sch 20(3)	Is a belt scraper or equivalent device installed at the head pulley of every conveyor? Is the belt scraper equipped with bottom plates or similar means to prevent falling of materials from the return belts?	/				
Cap311R: Sch 20(4)	Are stockpiling conveyors equipped with level adjusting mechanism to maintain the dropping height within 1 m?	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?	1				
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?	/				

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		[
Cap3110	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					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/	1			
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/	_			
EM&A: E3	Are wastes disposed of at licensed sites?	/				
	Construction Waste and Excavated Materials					
WMP 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	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/			
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?		/			٠.
WMP	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	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?	/				
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	1	 _			
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	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)?	1				

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
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?	1	į			
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	ils 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?	1				1.1 2.1 2.1
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;	/	913			
<u> </u>	(2) reusable l'recyclable materials;	/				
	(3) un-reusable / non-recyclable waste for landfill disposal.	/	1 1 1			
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
	Surface Run-off	ilizar e e	n gac	2000	e in money in	este in due in the in-
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?					
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out	5.4				
	immediately after the final surfaces are formed to prevent erosion caused by tainstorms? Is appropriate drainage like intercepting channels provided where necessary?					
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	7				
PN1/94	Are open stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into	1		· · · · · · · · · · · · · · · · · · ·		
PN1/94	the drainage system? Are manholes (including newly constructed ones) adequately covered and temperarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run off from getting into foul sewers?	1				
PN1/94	Strandwater Is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?	1				·

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water					
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after sedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water					
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

MARINE ECOLOGY

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
EM&A: GI	Are all percussive piling works conducted on reclaimed land to avoid noise impact to marine mammals?			_		
EM&A: 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"?			之法略	0.40	Total Company
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	/			4 4 5 4 4 4 4	

NOISE

Ref	Checklist Condition		N/A	Yes	No	Vak	Remarks
EM&A: CI	Are working programmes sched	fuled to minimize noise nuisance?	1	1			
EM&A: Ci	Are construction works or equipouisance?	pment sited to minimize noise		/			,
EM&A: CI	Are all plant and equipment maconditions?	intained in good operating		/			
EM&A: C1/GP	Is idle equipment turned off or t	hrottled down?		/			<u> </u>
EM&A: C1	Are methods of working devised nuisance?	d and arranged to minimize noise		/			· · · · · · · · · · · · · · · · · · ·
EM&A: C1)	Are construction works carried out in a manner to minimize noise nuisance?			/			
EM&A: C2	a) Mitigation by portable nois			/			
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment — lets?	/				
NCO	Are valid construction noise per inspection?	mits, if required, available for					
NCO	Are conditions of construction in relevant part(s) of the works imp	oise permits, if any, for the elemented accordingly?					
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
		☐ Traffic	-	Constr site	uction	activi	ties inside the
	Major noise source(s)	Construction activities outside the site	_	Others			

VEP: Varied Environmental Permit WMP: Waste Management Plan EM&A: EM&A Manual (Construction Phase) Cap311R: APC (Construction Dust) Regulation NCO: Noise Control Ordinance Cap3110: Cap311: APC (Open Burning) Regulation Air Pollution Control Ordinance WDQ: Waste Disposal Ordinance PN1/94: Practice Note for Professional Persons (Construction Site Drainage) Unk: Unknown Remark Signatures **ET Member** Contractor's Representative

11th November 2002

Abbreviation

The Hongkong Electric Co. Ltd. Lamma Power Station Extension – Site Formation, Piling Works and Superstructure Works Weekly Site Inspection Checklist

	date $31/12/03$ Time 14200 Inspect	ed By	ET:		2, F.	
Site	LMX-Site Formation		Cont	racto	or: De	nnis Lity.
Weather						
Condition	Sunny Fine Overcast Hazy		Driz	zle	R	ain Stor
Temperatu	re 21 °C Humidity High Moderat	ic	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?		1			
VEP 1.6	Is a copy of EIA report kept in Engineers' and Contractors' offices on site?		1	.:		
AIR QUALI	The second secon		· · · · · · ·			
Ref.	Checklist Condition	N/A	Yes.	No	Unk	Remarks
Cap311R:	General Requirements Has the contractors notified EPD of the construction site which is					· .
3	classified as a notifiable work in a specified form? If there is any change in the notice, do the contractors notify PPD of the change?	2,22%		小块	6/10	er og er
Cap311R: Sch 12(3)	1 St. a.		ر فيفعد عدد	200	RAPL	क्षेत्रक्ष हुन्यका ह
DCI 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?			74234	8456.0	nanger en er
Cap311	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this			•	RASE	भूगाच्या सुराज्यात् । ७८४म् इति स
Cap311	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites				8866	कुर्वे के जुल्लाक हैं। ए ड क्यू हैं हैं
	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection?		/		8826	Property Control
Cap311 EM&A:	A compressed air jet shall not be used for cleaning or clearing dust from any vehicle, equipment, other materials or person. Is this observed? Do the contractors possess valid Air Pollution Control Specified Processes Licenses for the concrete batching plant wherever applicable and have it available for inspection? Construction Sites Are haul roads paved with concrete or sprayed with water to keep				Bacca	Cray St

Ref.	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Cement and dry pulverized fuel ash (PFA)					
Cap311R: Sch 15(3)	Are the storage siles for cement or dry PFA prevented from overfilling?	1				
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?	1				year
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?	1				
	Loading, unloading or transfer of dusty materials					
Cap311R: Sch 19	Are dusty materials, except cement and dry PFA, sprayed with water immediately prior to any loading, unloading or transfer operation?	/				
EM&A: Al	Are the dropping heights of the fill materials controlled to a practical level to minimize fugitive dust emission?	/				
	Use of vehicles					
Cap311R: Sch 21(2) EM&A: A1	Is every load of dusty material on the vehicles leaving the construction site covered entirely by clean impervious sheeting?	/		-		
Cap311R: Sch 21(1)	Is every vehicle wheel-washed by the wheel washing facilities to remove any dusty materials from its body and wheels before leaving the construction site?					
	Transfer of dusty materials using a belt conveyor system	•	•			
Cap311R: Sch 20(1)	Are belt conveyors used for transfer of dusty materials covered on the top and 2 sides?			<u> </u>		
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?	1				
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?	/				

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	;			
Cap3110	Is open burning prohibited?		/			
Cap311	Is black smoke emission from plant/equipment avoided?		/			

WASTE/CHEMICAL WASTE MANAGEMENT

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Dredged Materials					
WMP EM&A: E3	Does the appropriate contractor possess valid dumping permits for dredged marine mud and have them available for inspection?	/				
WMP EM&A: E3	Has the contractor kept a complete set of dumping records/ticketing system and made them available for inspection?	/				
EM&A: E3	Are wastes disposed of at licensed sites?	/	Ĺ			<u> </u>
	Construction Waste and Excavated Materials	_				
WMP 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	Has the Contractor maintained disposal records for the construction waste and excavated materials, and made them available for inspection?	/				
WMP	Is suitable concrete waste/excavated material used for on-site reclamation/filling works?		/	1		
WMP	Are the used formworks reused as far as possible before being disposed of in a landfill site?	·	/			
WMP	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	Has the Contractor maintained a disposal record for general refuse and made it available for inspection?	/				
WMP	Is general refuse stored within receptacles and separated from chemical wastes?	/				
WMP	Is the refuse disposed of regularly and properly?		/			
WMP	Are burning of refuse at site and dumping at sea prohibited?	_T _				<u> </u>
	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)?		,		į	:

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
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	ils chemical waste handled according to the Code of Practice on the Packaging, Handling and Storage of Chemical Waste"?	/				
EM&A: E4	ils 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?	/	4: 1			
EM&A: E3	Afre waste materials segregated and sorted into 3 categories as follows?			:: 	<u> </u>	
	(1) public fill materials for on-site reuse, or disposal at public filling area;	/	9			
	(2) reusable l'recyclable materials;			1.		
	(3) un-reusable / non-recyclable waste for landfill disposal.		¥ 4	5		
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
<u>.</u>	Surface Run-off	-13 <u>1</u> 28 (1.17)	·/ 446	PARLES	s in Progress of	nda i kalenda kenada in
PN1/94	Are the silt removal facilities, channels and manholes maintained and the deposited silt and grit removed regularly?	/				
PN1/94	Are earthworks final surfaces well compacted and the subsequent permanent work or surface protection carried out	0.3				
	immediately after the final surfaces are formed to prevent erosion caused by rainstorms? Is appropriate drainage like intercepting channels provided where necessary?	/				
PN1/94	Are measures taken to minimize the ingress of rainwater into trenches? Is rainwater pumped out from trenches or foundation excavations discharged into storm drains via silt removal facilities?	7				
PN1/94	Are topen stockpiles of construction materials (e.g., aggregates, sand and fill material) on site covered with tarpaulin or similar fabric during rainstorms? Are measures taken to prevent the washing away of construction materials, soil, silt or debris into the drainage system?	1				
PN1/94	Are manholes (including newly constructed ones) adequately covered and temperarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run off from getting into foul sewers?	1				
PN1/94	Grandwater]	
F141/94	is groundwater that pumped out of wells discharged into storm drains after the removal of silt in silt removal facilities?					

Ref	Checklist Condition	N/A	Yes	No	Unk	Remarks
	Boring and Drilling Water		<u> </u>		<u> </u>	
PN1/94	Is water that used in ground boring and drilling for site investigation or rock/soil anchoring recirculated as far as possible after aedimentation? If there is a need for final disposal, is the wastewater discharged into storm drains via silt removal facilities?	/				
	Wheel Washing Water			<u> </u>		
PN1/94	Is a wheel-washing bay provided at every exit if practicable and is the silt removed from wash-water before discharging into storm drains?		/			

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 manuals?	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"?	2.13. 2.27.52.3	L	之海艦	१८ क १ ८ क्	Santa de la compansión de
EM&A: G3	Is rubble mound seawall constructed to the south and west edges of the reclamation to enhance recolonisation of marine organisms?	1	25.7			

NOISE

Ref	Checklist Condition	•	N/A	Yes	No	Vak	Remarks
EM&A: CI	Are working programmes school	fuled to minimize noise nuisance?		/			
EM&A: CI	Are construction works or equi- nuisance?	pment sited to minimize noise		/			,
EM&A: CI	Are all plant and equipment ma conditions?	intained in good operating		/			
EM&A: CI/GP	is idle equipment turned off or	threttled down?		/			
EM&A: C1	Are methods of working devise nuisance?			/			· · · · · · · · · · · · · · · · · · ·
EM&A: C1)	tre construction works carried out in a manner to minimize noise suisance?		٠.	/			
EM&A: C2	To mitigate construction noise during Sunday's and public holidays, is either one of the following measures adopted? a) Mitigation by portable noise barriers at noise sources or b) Rescheduling of some powered mechanical equipment to less sensitive time periods?			/			
EM&A: C3	To mitigate night time construct equipped with silencers or muff	ion noise, is dredging equipment lers?			·		- · · · · · · · · · · · · · · · · · · ·
NCO	Are valid construction noise per inspection?	mits, if required, available for					
NCO	Are conditions of construction receivent part(s) of the works im	oise permits, if any, for the plemented accordingly?					
NCO	Are valid noise emission labels held percussive breakers?	fixed at air compressors and hand		/			
	Malaurata	☐ Traffic		Constr site	uction	activi	ties inside the
	Major noise source(s)	Construction activities outside the site		Others			

Abbreviation

VEP:

Varied Environmental Permit

WMP:

Waste Management Plan

Cap311R:

APC (Construction Dust) Regulation

NCO:

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

Cap3110:

APC (Open Burning) Regulation

Noise Control Ordinance Waste Disposal Ordinance WDQ:

Cap311:

Air Pollution Control Ordinance

PN1/94:

Practice Note for Professional Persons (Construction Site Drainage)

Unk:

Unknown

Remark	

Nil		
(
·		
		_
	• •	_

Signatures

ET Member

Contractor's Representative

ame in Block letters:

11th November 2002