Agreement No. 42/2002 Fill Bank at Tseung Kwan O Area 137 - Investigation

Markon - COM.			
Date of Site Audit:	27-Mar-06	(A).	
	2/ HVIZI - UQ	Time of Site Audit:	
Site Auditor:		THIS STORE VOILL	1:45 PM
wite Additor,	L Derek Ho	Phase of Works:	1140 1 [6]
Character at the	7 47, 116	THE LIES OF ANOLKS:	Oppositional
Checked by:	Ben Ridley		Operational
	Transport Dell Millian	1	
	Den Ridjey	,	

pell Kidley			
Checklist (FB)	1 32:		· · · · · · · · · · · · · · · · · · ·
Operational Phase	Yes	No	Remarks
Fugitive Dust Emission	┼──	—	
Have dust control/mitigation measures been implemented to ensure full protection of the pagety ASPAC	 	├─-	
protection of the nearby ASRs?	' ×		
Are all installed air pollution control systems and measures operated and/or implemented in accordance with their design merits?	×		Mist fans not in operation due to we weather conditions recorded.
A buffer zone of at least 100m shall be maintained between the edge of the stockpilling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading/unloading and similar activities should be allowed.			recorded.
Truck speed limit shall be limited to within 10km per hour.	х		
Is the designated site main haul route (paved)?	×		
Are water lorries and/or road sweepers used in dust suppression? Frequency of watering at least four times per day (as per PS Clause 1.76)? The frequency shall be increased when the weather is dry, when the truckloads are high, and for haul roads located within 100m from the northern boundary of the site.	x		
All dusty fill material shall be sprayed with water or a dust suppression chemical prior to loading, unloading or transfer so as to maintain the fill material wet, except for situations where the moisture content of the dusty material is a matter of concern.	x		
Frequent watering (at least three times per day) of the worksites with active dusty operations. The frequency shall be increased when the weather is dry.	x		
Vehicle washing facilities including high pressure water jet installed at the existing exit shall be maintained and operated by designated staff to ensure that these dust control measures are being used.	x		· · · · · · · · · · · · · · · · · · ·
Before leaving the fill bank, every vehicle shall be washed to remove any dusty materials from its body and wheels.	x		
frucks carrying dusty load entered to the site shall be sprayed with water once he impervious sheeting covering the load is removed.	×		
lave the temporary slope surfaces, especially those facing to the north of the lite, been covered (tarpaulin sheeting or other impermeable sheeting), or prayed (with water or a dust suppression chemical) or protected by other nethods approved by CEDD?		F	inished Slopes in ortlons A,B,G,H and i ave peen ydroseeded.
inal slope surfaces, especially those facing to the north of the site, shall be eated by compaction, followed by hydroseeding, vegetation plating or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabiliser pproved by CEDD.		F P	Inished Slopes in ortions A,B,G,H and I ave been ydroseeded.
&DMSF: When belt conveyor systems are in use for transfer of fill material, acconveyors shall be enclosed on top and 2 sides. Every transfer point atween any two conveyors shall be enclosed.			N/A
&DMSF: Is the belt scraper installed at the head pulley of every belt privacy effective in dislodging fine particles that may adhere to the belt urface, and to reduce carrying back of fine particles on the return belt?			N/A
e vertical distance between the belt conveyor and the materials landing point maintained at no more than 1m.			N/A
ote: Public fill at the stockpiling area should be handled to avoid segregation, of empterial, especially for the stockpiling surface facing to the north of the site.	teteriora	ation, e	rosion or instability of
xed Noise Impact			
eve the approved method of working equipment and sound-reducine			
ezsures (e.g. use of silenced type of equipment, etc.) been adopted?	×]	

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Criecki)și (FB)
New Yes No Remarks
Note: The noise standards specified in the Technical Memorandum for the Assessment of Noise From Places Other Than Domestic Premises, Public Places or Construction Sites shall be mot
The property of Name 1 acquired Memorandum for the Assessment of Name 7 and Or
Than Domestic Premises, Public Places or Construction Sites shall be met.
factor of defisit definition be met.
The state of the s

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Checklist (FB)	Yes	No	Remarks
Water Quality			
The existing/realigned intercepting channels and the sand/silt removal facilities		-	
Title in an area with Ministelli 100.	, x	}	1
Temporary intercepting drains should be used at the stockpiling area to diver	rt	┼	
		Ì	
barriers shall be used to assist the diversion of polluted stormwater to the si	t ×	[
Has a buffer distance of at least 100m been maintained between the boundary		ļ	
The sea to	/ X	ľ	
Are materials properly covered when there is any channel for the	 	 	
be washed away?	Ϊ×		
Temporary slope surfaces shall be covered as far as practicable with tarpaulin			
	i		Hydroseeded slopes
approved by CED especially when a reinstorm is imminent or forecast.			Portions A, B, G, H a
Final slope surfaces shall be treated by some single surfaces.			<u> </u>
			Hydroseeded slopes
The control of the co]		Portions A, B, G, Hai
			1
Existing and newly constructed catchpits, sand and silt removal facilities and necepting channels should be maintained, and the deposited silt and grit			

	×	:	
in initias.			
Wheel washing bay should be provided at the site exit and wash-water			
chould have sand and slit settled out or removed before being discharged into term drains.	×	Í	
s the section of construction road between the wheel washing bay the public			
PRY PRYOU WILL COLLIGIOIS DISSIDIOUS MATANAIS OF HATARAPAR to PARILLE	×	J	
acking of soil and to prevent site run-off from entering public road drains?			
ewage from toilets should be discharged into a foul sewer, or chemical tollets			
ibdiu pe provided.	×	Í	
hould the use of chemical tollets be necessary, these should be provided by			· , · · · · · · · · · · · · · · · · · ·
licensed contractor, who will be responsible for disposal and maintenance of ese facilities.	x	- 1	
re the grease traps in the canteen kitchens put into use and effective?			N/A
no communal sewer can be provided, has the sewage generated from the orkforce at the site offices been diverted to septic tanks and regularly		,	Discharged to DP4 as
moved by using vacuum tankers.	×		olachaiged to the as per dischaige licence.
ne drainage system provided at car parking areas should be installed with an			
refrequents in squalion to sand/silt removal facilities. Has require closure ad-		ا ا	Bilt was found in the
e system been damed out?	i	X C	collection sump (see observation 2)
as disturbance to seabed sediments and undue turbidity from vessel	 -		ibaci veliori 2)
A sellieur pi biobeiler Masu been WiniWised.	x	ĺ	
arges should not be filled to a level which may cause the overflow of material		_	
ing require of transportation, partie entrents should be properly colleged	x	- }	
d deated befole disposal.]	
foam, oil, grease, soum, litter or other objectionable matters to be present the water in the vicinity of the barging point? Are these due to work			
uvines:		× [
ve silt curtains been provided at the outward side of the basin near the			
Paris Perin (110491194) The operational phase when there is public fit intokal.	x		
barges (after Dec 2003)?	••	j	i

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Checklist (FB)	· · · · · ·		
Has a waste collection vessel been deployed to remove floating debris on the	Yes	No	Remarks
high part dishbasit	X		
Note: Effluent discharged from the site shall meet the relevant discha Memorandum Standards for Effluents Discharged into Drainage and Sewerage	rge (in	nits spe	ocified in the Techr
		ms, nue	ino and Coastal Wate
Landfill Gas Hazard	Γ		T
Are gas detection equipment and appropriate breathing apparatus available and used when workers entering confined spaces or trenches deeper than 2 metres?	×		
A Safety Officer/Supervisor should be present on site throughout the operational stage.	×		
las the Safety Officer/Supervisor been provided with intrinsically safe portable natrument(s), appropriately calibrated and capable of measuring the gases in regions as recommended in the EIA Report?	x		
las a LFG monitoring programme been formulated by the Safety officer/Supervisor or by a qualified person?	×		
as periodic/routine monitoring been conducted during ground-works, in all keavations, and works in confined spaces, if any?	х		
andscape and Visual			
oes the design of the fill bank and pletform heights add to the			
iged slopes should be avoided	х		
ne maximum stockpiling height at the fill bank shall be limited to a maximum +35.2mPD. Ifface of outer slopes of the fill bank shall preferably be hydroseeded or yeared with penetratile matting of	×		
ce completed.	×		
e barging point and the C&DMSF at the fill bank shall not be in operation in 7;00pm to 8;00am daily to avoid potential visual impact from glare.	x	To El	o 11pm as per latest P.
ner Environmental Factors			·
D waste sorted from mixed C&D material at the C&DMSF shall be removed my the temporary buffer storage area on a daily basis and transfer to SENT dfill for disposal.	x		
vironmental Monitoring and Audit			
log book maintained by the ET?			
	×	Ne	eds to to updated
he time of site audit, was any monitoring underway?		×	
es, what parameters are being monitored and were the correct procedures pted?		×	
e any mitigation measures been implemented as a result of exceedance of ph-Limit Levels? If so, do they appear to be effective?	- -	N/A	

Agreement No. 42/2002 Fill Bank at Tseung Kwan O Area 137 - Investigation Observations Action Taken issue **Date Completed** be filled in by Contractor) (to be filled in by Contractor) 1) Vegetation was found in the trapezoidal channel at DP4. The Contractor should maintain the channel clear so as to ensure efficient flow of water during rainy season. 2) Silt was found in the oil collection sump near site office. Silt should be removed from the collection sump to ensure effective operation of the system. 3) A container-type workshop was observed near the wheel washing bay and DP3. Chemical drums and paint cans were placed directly on the ground, Oil film observed on the floor in front of the workshop. As agreed in the Progress Meeting on 27/3/06, workshop should be relocated and materials properly stored in drip trays and covered with tarpaulin if left outdoors. 4) No covers were provided for the chemical storage drums in the Plant and Vehicle Maintenance Workshop. A tarpaulin sheet should be also provided for drums stored outdoors.