Inspect   Marcin	Site: (	Contract No. H	1Y/2004/09 - Impr	ovements to San Tin	Interchange					Report No. 088
All is the Environmental Permit displayed at the entrances / exists?    NiA or not observed	-				•	•			ung, Ho	oward Chan
Alt   Is the Environmental Permit displayed at the entrances / exits?	Time:		14:30		Weather Co	ndition:		loudy		
A1 Is the Environmental Permit displayed at the entrances / exits?	Α	General						Yes	No	Remarks / Photo
Sopen burning avoided?	A1	Is the Enviro	onmental Permit d	isplayed at the entran	ices / exits?			$\checkmark$		
Are completed earthworks sealed as soon as practicable?  Are vehicles and equipment switched off while not in use?  Are plant and equipment switched off while not in use?  Are plant and equipment well maintained? (i.e. without brack smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s):  Wind erosion  Vehicle/ Equipment Movements  Others:  Are unpaved areas watered regularly to avoid dust generation?  Are dusty materials covered or regularly watered?  Are dusty materials sprayed prior to loading?  Are dusty materials sprayed prior to loading?  Is generation of dust avoided during loading?  Are loaded dump trucks covered and promptly removed?  Are the loaded dump trucks covered appropriately?  Are wheel washing facilities provided at all site exits?  Choise  Nise  NiA or not observed  Are all plant and equipment well maintained and in good operating condition?  Are all plant and equipment well maintained and in good operating condition?  Are all plant and equipment turned off or throttled down?  Are all plant and equipment used where practicable?  Are all powered mechanical equipment covered or shielded by acoustic materials?  Are noise barriers provided to protect Kwu Tung Road NSRs?  Depreciation of site  Construction activities inside of site  Construction activities ustide of site  Construction activities outside of site	В	Air Quality						Yes	No	Remarks / Photo
Are vehicles and equipment switched off while not in use?  Are plant and equipment well maintained? (i.e. without black smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s):	B1	ls open burn	ning avoided?					$\sqrt{}$		
Are plant and equipment well maintained? (i.e. without black smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s):	B2	Are complet	ed earthworks sea	aled as soon as practi	icable?			$\checkmark$		
smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s):  Vehicle/ Equipment Movements  Others:  Are unpaved areas watered regularly to avoid dust generation?  Are dusty materials covered or regularly watered?  Odorous materials sprayed prior to loading?  Are dusty materials sprayed prior to loading?  I generation of dust avoided during loading / unloading?  Are loaded dump trucks covered and promptly removed?  Are loaded dump trucks covered appropriately?  Are loaded dump trucks covered appropriately?  Are wheel washing facilities provided at all site exits?  NiA are there enclosures around the main dust-generating activities?  C Noise  NiA ornot observed  Are all plant and equipment well maintained and in good operating condition?  Loading/ unloading of materials  Well and unloading of unloading?  Well and	B3	Are vehicles	and equipment s	witched off while not i	in use?			$\checkmark$		
Deservable dust source(s):   Wind erosion   Loading/ unloading of materials   Vehicle/ Equipment Movements   Others:	B4			maintained? (i.e. with	out black			$\overline{\mathbf{V}}$		
Are unpaved areas watered regularly to avoid dust generation?  Are unpaved areas watered regularly to avoid dust generation?  Are dusty materials covered or regularly watered?  Are dusty materials sprayed prior to loading?  B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Construction activities inside of site  C8 Construction activities inside of site	B5	Any remedia	al action undertake	en?						
Are unpaved areas watered regularly to avoid dust generation?  Are dusty material covered or regularly watered?  Are dusty materials sprayed prior to loading?  Are dusty materials sprayed prior to loading?  Diodrous materials immediately covered and promptly removed?  Are loaded dump trucks covered appropriately?  Are loaded dump trucks covered appropriately?  Are wheel washing facilities provided at all site exits?  NA or not observed  Are all plant and equipment well maintained and in good operating condition?  Are all plant and equipment turned off or throttled down?  Are powered mechanical equipment covered or shielded by acoustic materials?  Are noise barriers provided to protect Kwu Tung Road NSRs?  Do campressors have valid noise labels?  Major noise source(s):  Traffic  Construction activities outside of site	B6	Observable	dust source(s):	Wind erosion				Loading	g/ unloa	ding of materials
Are dusty materials covered or regularly watered?  By Are dusty materials sprayed prior to loading?  By Codorous materials immediately covered and promptly removed?  By Codorous materials?  By Codorous materials immediately covered and promptly removed?  By Codorous materials?  By Codorous materials?  By Codorous materials immediately covered and promptly removed?  By Codorous materials?  By Codorous materials?  By Codorous materials immediately covered and promptly removed?  By Codorous materials and eluipment well maintained and ingoad operating activities of site  By Codorous materials immediately covered and promptly removed?  By Codorous materials in mate				✓ Vehicle/ Equip	oment Moveme	ents		Others:		
Are dusty materials sprayed prior to loading?  B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Construction activities inside of site  C0 Construction activities outside of site	B7	Are unpaved	d areas watered re	egularly to avoid dust	generation?			$\overline{\mathbf{V}}$		
B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic  C8 Construction activities inside of site	B8	Are dusty m	aterial covered or	regularly watered?				$\checkmark$		
B11   Is generation of dust avoided during loading / unloading?	B9	Are dusty m	aterials sprayed p	rior to loading?				$\overline{\checkmark}$		
Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Construction activities inside of site  C9 Construction activities outside of site	B10	Odorous ma	terials immediate	ly covered and promp	tly removed?					
Are wheel washing facilities provided at all site exits?	B11	ls generation	n of dust avoided	during loading / unloa	iding?			$\checkmark$		
Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Construction activities inside of site  C9 Construction activities outside of site	B12	Are loaded o	lump trucks cover	ed appropriately?				$\overline{\checkmark}$		
C Noise N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Construction activities inside of site  C9 Construction activities outside of site	B13	Are wheel w	ashing facilities p	rovided at all site exits	s?			$\checkmark$		
C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Traffic  C9 Construction activities inside of site  C9 Construction activities outside of site	B14	Are there en	closures around t	he main dust-generat	ing activities?	]		Acceptance		
operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Construction activities inside of site  C9 Construction activities outside of site	С	Noise						Yes	No	Remarks / Photo
Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Traffic  Construction activities inside of site  Construction activities outside of site	C1			ell maintained and in	good	hormon		$\overline{\mathbf{V}}$		
acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C9 Traffic  Construction activities inside of site  Construction activities outside of site	C2	Is idle equip	ment turned off or	throttled down?				$\checkmark$		
Are noise barriers provided to protect Kwu Tung Road NSRs?    Percussive piling in the South Division is completed.  C6 Do air compressors have valid noise labels?    Do compressors operate with doors closed?   One compressors operate with doors	C3			pment covered or shi	elded by	[		$\checkmark$		
C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):	C4	Are silenced	equipment used	where practicable?		[				
C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):	C5	Are noise ba	rriers provided to	protect Kwu Tung Ro	ad NSRs?	[				, ,
C8 Major noise source(s):	C6	Do air comp	ressors have valid	I noise labels?				$\square$		
Construction activities inside of site  Construction activities outside of site	C7	Do compres	sors operate with	doors closed?			$\sqrt{}$			
Construction activities outside of site	C8	Major noise	source(s):	<b>✓</b> Traffic					•	
				Construction ac	tivities inside o	f site				
Others:				Construction ac	tivities outside	of site				
				Others:						

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?	Observed	$\checkmark$		
	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?		V		***************************************
D3	With silt retention pond?		$\checkmark$		\
D4	Do permanent drainage channels have: Sediment basin?		$\checkmark$		
D5	Traps and baffles?	$\checkmark$			
D6	Is groundwater pumped out discharged via sediment traps / tanks?	?	$\overline{\mathbf{V}}$		
D7	Are there sediment tanks for settling runoff prior to disposal?		$\overline{\mathbf{V}}$		
D8	Constructed from pre-formed individual cells?		$\checkmark$		
D9	Adequate capacity?		$\checkmark$		
D10	Free from silt and sediment?		$\checkmark$		
D11	Are there oil interceptors in drainage system?	$\checkmark$			
D12	Oil and grease removed regularly?	$\checkmark$			
D13	Bypass to prevent flushing during periods of heavy rain?	$\checkmark$			
D14	Is drainage system well maintained?			$\overline{\mathbf{V}}$	Refer to Note No. 1.
D15	Is exposed earth stabilized after earthworks have been completed	?			
D16	Are exposed slope surfaces covered (by tarpaulin or other means)	?	$\checkmark$		
D17	Are open stockpiles of more than 50 $\mathrm{m}^3$ covered during rainstorm?	· 🔲			, , , , , , , , , , , , , , , , , , , ,
D18	Are manholes covered and sealed?		$\sqrt{}$		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\checkmark$		
D20	Is debris and rubbish on site collected and disposed of properly?		$\overline{\mathbf{V}}$		
D21	Is wastewater discharge license available for inspection?		$\overline{\mathbf{V}}$		
D22	Measures to prevent the washing away of sand/silt to drains?				Refer to Note No. 1.
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?	$\checkmark$			
D24	Is there any sediment plume observed in nearby watercourses?	$\checkmark$			
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
E1	General Refuse Accumulation avoided?		$\overline{V}$		
E2	Receptacles (e.g. rubbish bins) available?	$\Box$			
E3	Disposed of regularly and properly?		$\overline{\checkmark}$		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		abla		
E5	Labelled properly?				
E6	Disposed of properly?				
<b>E</b> 7	Trip tickets available for inspection?				

						Report No. 088
E	Waste / Chemical Management	N/A o		Yes	No	Remarks / Photo
	Chemical / Fuel Storage Area					
E8	is storage area bunded?			$\checkmark$		
E9	Adequate bund capacity? (>110% of the largest tank)			$\checkmark$		
E10	Are storage areas provided with locks and located on sealed areas	?		$\checkmark$		
	Construction Waste					
E11	Reused where practicable?					For temporary access road paving.
E12	Disposed of properly?			$\checkmark$		
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?			V		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?			$\checkmark$		
	Excavated Materials					
E15	Appears uncontaminated? (colour, odour)		$\sqrt{}$			
E16	If suspected contaminated, appropriate procedures followed?					
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?			$\overline{\checkmark}$		
F	Environmental Complaint					Remarks
F1	Number of environmental complaint received from 23/2/2007	to	1/3/2	007	0	
G	General Housekeeping	N/A or		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?					Refer to Note No. 1.
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?			$\checkmark$		
Н	Landscape and Visual	N/A or		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?			$\sqrt{}$		
H2	Is the work site confined within site boundaries?			$\checkmark$		
НЗ	Is damage to surrounding areas avoided?			$\checkmark$		
ı	Land Contamination	N/A or		Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?					
12	Is the contaminated soil segregated from the uncontaminated soil?		$\checkmark$			
13	Are the stockpiles of contaminated soil covered appropriately?		$\checkmark$	-		

## Notes / Issues Recorded On Site:

1. A drain ditch beside Pier B7 in South Division was observed to have been blocked by sediment and spoil. Water flow of the drain was obstructed and water was accumulated.

# Corrective Actions - Mitigation Measures Implemented or Proposed (if any):

1. Sediment and spoil inside the drain should be removed and disposed of properly to maintain free water flow. The accumulated water should be cleared up promptly to prevent mosquito breeding.

Inspected by:	K. L. Cheung	Title:	Environmental Team
Signature:	Cheung Kam Lay	Date:	2 <sup>nd</sup> March 2007
Representative of Contractor:	Jeffrey Tang	Title:	Environmental Engineer
Signature:	4	Date:	2-3-07
Reviewed and approved by:	Susana Bezy	Title: _	Environmental Team Leader
Signature:	pp. lmpso	Date: _	2/3/07

		•	ovements to San Tir	Ŭ					
Inspe Time:	ction Date:	8 <sup>th</sup> March 2007 14:30		Inspected B Weather Co	-	-	C. L. Che Cloudy	ung, Ho	oward Chan
	<del></del>	14.00		- weather Co					
Α	General				N/A or obser		Yes	No	Remarks / Photo
A1	Is the Enviro	onmental Permit d	isplayed at the entra	nces / exits?			$\checkmark$		
В	Air Quality				N/A or obser		Yes	No	Remarks / Photo
B1	ls open buri	ning avoided?					$\overline{\mathbf{V}}$		
B2	Are complet	ed earthworks sea	aled as soon as prac	ticable?					
B3	Are vehicles	and equipment s	witched off while not	in use?					
B4		d equipment well powered plant)	maintained? (i.e. wit	hout black			$\checkmark$		
B5	Any remedia	al action undertake	en?						
B6	Observable	dust source(s):	Wind erosion	1			Loading	g/ unloa	ding of materials
			✓ Vehicle/ Equ	ipment Moveme	ents		Others:		
B7	Are unpave	d areas watered re	egularly to avoid dus	t generation?					
B8	Are dusty m	aterial covered or	regularly watered?						
B9	Are dusty m	aterials sprayed p	rior to loading?						~~modeless
B10	Odorous ma	aterials immediate	ly covered and prom	ptly removed?					***************************************
B11	Is generatio	n of dust avoided	during loading / unlo	ading?			$\overline{\checkmark}$		The state of the s
B12	Are loaded	dump trucks cover	ed appropriately?				$\square$		
B13	Are wheel w	rashing facilities p	rovided at all site exi	ts?			$\checkmark$		
B14	Are there er	nclosures around t	he main dust-genera	ating activities?					
С	Noise				N/A or obser		Yes	No	Remarks / Photo
C1	Are all plant operating co		ell maintained and ir	1 good			$\overline{\checkmark}$		
C2	ls idle equip	ment turned off or	throttled down?				$\sqrt{}$		
C3	Are powered		pment covered or sh	ielded by			$\checkmark$		
C4	Are silenced	l equipment used	where practicable?				$\overline{\mathbf{V}}$		
C5	Are noise ba	arriers provided to	protect Kwu Tung R	load NSRs?					Percussive piling in the South Division is completed.
C6	Do air comp	ressors have valid	d noise labels?				$\checkmark$		
C7	Do compres	sors operate with	doors closed?						
C8	Major noise	source(s):	✓ Traffic						
			Construction a	ctivities inside o	f site				
			Construction a	ctivities outside	of site				
			Others:						

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\overline{\mathbf{V}}$		
	Are there temporary ditches for runoff discharge into appropriate:			<b></b>	
D2	Watercourse?				
D3	With silt retention pond?		$\overline{A}$		
D4	Do permanent drainage channels have: Sediment basin?				
D5	Traps and baffles?	$\square$			<del></del>
D6	Is groundwater pumped out discharged via sediment traps / tanks	?	$\square$		***************************************
D7	Are there sediment tanks for settling runoff prior to disposal?		$\overline{\mathbf{V}}$		
D8	Constructed from pre-formed individual cells?		$\overline{V}$		
D9	Adequate capacity?		$\overline{V}$		
D10	Free from silt and sediment?		$\checkmark$		
D11	Are there oil interceptors in drainage system?	$\checkmark$			
D12	Oil and grease removed regularly?				
D13	Bypass to prevent flushing during periods of heavy rain?				
D14	Is drainage system well maintained?		$\overline{\checkmark}$		Refer to Note No. 1.
D15	Is exposed earth stabilized after earthworks have been completed	?	$\overline{\checkmark}$		
D16	Are exposed slope surfaces covered (by tarpaulin or other means)	?	$\overline{\mathbf{V}}$		
D17	Are open stockpiles of more than 50 m³ covered during rainstorm?		$\overline{\mathbf{V}}$		
D18	Are manholes covered and sealed?		$\overline{\mathbf{V}}$		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\checkmark$		
D20	Is debris and rubbish on site collected and disposed of properly?		$\overline{\checkmark}$		
D21	Is wastewater discharge license available for inspection?		$\overline{\mathbf{V}}$		, , , , , , , , , , , , , , , , , , , ,
D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\mathbf{V}}$		
	Rainy Season				
D23	Sediment control measures inspected and maintained after rainstorms?	$\overline{\checkmark}$			
D24	Is there any sediment plume observed in nearby watercourses?	$\checkmark$			
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
E1	General Refuse Accumulation avoided?		.7		
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?				
LJ		LJ	$ \checkmark $		
E4	Chemical Waste / Waste Oil Stored properly in designated area?				
E5	Labelled properly?		$\overline{V}$	П	
E6	Disposed of properly?			П	
<b>E</b> 7				<b></b>	

E	Waste / Chemical Management	N/A oı	not	Yes	No	Report No. 089 Remarks / Photo
	•	obser	ved			
L.O	Chemical / Fuel Storage Area		J1	r		
E8	Is storage area bunded?			<b>V</b>		
E9	Adequate bund capacity? (>110% of the largest tank)			<u> </u>		
E10	Are storage areas provided with locks and located on sealed areas	?		$\overline{\mathbf{V}}$		
	Construction Waste					
E11	Reused where practicable?					For temporary access road paving.
E12	Disposed of properly?					
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?		The second	V		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?			$\overline{\checkmark}$		
-45	Excavated Materials					
E15	Appears uncontaminated? (colour, odour)				Ш	
E16	If suspected contaminated, appropriate procedures followed?		lacksquare			
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?			$\overline{\checkmark}$		
F	Environmental Complaint					Remarks
F1	Number of environmental complaint received from <u>2/3/2007</u>	to	8/3/2	<u>007</u>	0	
G	General Housekeeping	N/A or obser		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?					
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?			$\overline{\mathbf{V}}$		
Н	Landscape and Visual	N/A or obser		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?			$\overline{\mathbf{V}}$		
H2	Is the work site confined within site boundaries?			$\checkmark$		
НЗ	Is damage to surrounding areas avoided?			$\checkmark$		
1	Land Contamination	N/A or obser		Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?		$\overline{V}$			
12	Is the contaminated soil segregated from the uncontaminated soil?					
13	Are the stockpiles of contaminated soil covered appropriately?		$\checkmark$			

#### Notes / Issues Recorded On Site:

 Site runoff in N1 open lay-down area was observed to have seeped through the sandbags barrier and flow into EMDC due to ineffective stacking of sandbags barrier.

## Corrective Actions - Mitigation Measures Implemented or Proposed (if any):

1. Additional sandbags should be provided to properly control and divert the site runoff to the site drainage system in order to prevent it from flowing out of the site area.

Inspected by:	K. L. Cheung	Title:	Environmental Team
Signature:	Cheung Kam Lay	Date:	9 <sup>th</sup> March 2007
Representative of Contractor:	Jeffrey Tang	Title:	Environmental Engineer
Signature:		Date:	9-3-07
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:		Date:	9/3/07

C7 Do compressors operate with doors closed?	Site: 0	Contract No. H	1Y/2004/09 - Impr	ovements to San Ti	n Interchange					·
A General A1 is the Environmental Permit displayed at the entrances / exits?  B Air Quality B1 is open burning avoided? B2 Are completed earthworks sealed as soon as practicable? B3 Are vehicles and equipment switched off while not in use? B4 Are plant and equipment swindantained? (i.e. without black smoke from powered plant) B5 Any remedial action undertaken? B6 Observable dust source(s):  Wind erosion B7 Are unpaved areas watered regularly to avoid dust generation? B8 Are dusty materials covered or regularly watered? B9 Are dusty materials sprayed prior to loading? B10 Odorous materials immediately covered and promptly removed? B11 Is generation of dust avoided during loading / unloading? B12 Are loaded dump trucks covered appropriately? B13 Are wheel washing facilities provided at all site exits? B14 Are there enclosures around the main dust-generating activities? B15 Are all plant and equipment well maintained and in good operating condition? B16 Are all plant and equipment used where practicable? B17 Are increased and promptity emoved? B18 Are there enclosures around the main dust-generating activities? B19 Are there enclosures around the main dust-generating activities? B10 Are there enclosures around the main dust-generating activities? B11 Are there enclosures around the main dust-generating activities? B12 Are silenced equipment well maintained and in good operating condition? B13 Are silenced equipment well maintained and in good operating condition? B14 Are there enclosures around the main dust-generating activities? B15 Are all plant and equipment well maintained and in good operating condition? B16 Are silenced equipment well maintained and in good operating condition? B17 Are all plant and equipment well maintained and in good operating condition? B18 Are observed mechanical equipment covered or shielded by accoustic materials? B19 Are noise barniers provided to protect Kwu Tung Road NSRs? B19 Are noise barniers provided in protect Kwu Tung Road NSRs? B19 Are noise barniers provided in protect Kwu	Insped	ction Date:	15 <sup>th</sup> March 2007	•	Inspected B	y:	k	(.L. Che	ung, Ho	oward Chan
Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits?   Since Environmental Permit displayed at the entrances / exits   Since Environmental Permit displayed at the entrances / exits   Since Environmental Permit displayed at the entrances / exits   Since Environmental Permit displayed at the entrances / exits   Since Environmental Permit displayed at the entrances / exits   Since Environmental Permit displayed   Since Environmental Permit display	Time:		14:30		Weather Co	ndition:	5	Sunny		
All is the Environmental Permit displayed at the entrances / exits?	Α	General						Yes	No	Remarks / Photo
Sopen burning avoided?	A1	Is the Enviro	onmental Permit d	isplayed at the entra	ances / exits?			$\checkmark$		
B1 Is open burning avoided?  Are completed earthworks sealed as soon as practicable?  Are vehicles and equipment switched off while not in use?  Are plant and equipment well maintained? (i.e. without black smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s):	В	Air Quality						Yes	No	Remarks / Photo
Are vehicles and equipment switched off while not in use?  Are plant and equipment well maintained? (i.e. without black smoke from powered plant)  Any remedial action undertaken?  Observable dust source(s): Wind erosion Loading/ unloading of materials  Vehicle/ Equipment Movements  Are unpaved areas watered regularly to avoid dust generation?  Are dusty material covered or regularly watered?  Are dusty materials sprayed prior to loading?  Are dusty materials sprayed prior to loading?  Are dusty materials immediately covered and promptly removed?  Are loaded dump trucks covered appropriately?  Are loaded dump trucks covered appropriately?  Are wheel washing facilities provided at all site exits?  C Noise  N/A or not observed  Are all plant and equipment well maintained and in good operating condition?  Are all plant and equipment well maintained and in good operating condition?  Are powered mechanical equipment covered or shielded by acoustic materials?  Are powered mechanical equipment covered or shielded by acoustic materials?  Are powered mechanical equipment used where practicable?  Are all plant and equipment used where practicable?  Are noise barriers provided to protect Kwu Tung Road NSRs?  Are noise barriers provided to protect Kwu Tung Road NSRs?  Are powered sequipment used whore south Division is completed.  Major noise source(s): VTraffic	B1	ls open burr	ning avoided?			[		$\checkmark$		
Are plant and equipment well maintained? (i.e. without black smoke from powered plant)  Any remedial action undertaken?  Vehicle/ Equipment Movements  Vohers: Opened cement bags (Refer to Note No. 1)  Refer to Note No. 1)  Refer to Note No. 1  Refer	B2	Are complet	ed earthworks sea	aled as soon as prac	cticable?					
smoke from powered plant) Any remedial action undertaken?    Observable dust source(s):	ВЗ	Are vehicles	and equipment s	witched off while no	t in use?	[				
Deservable dust source(s): Wind erosion	B4			maintained? (i.e. wi	thout black	[		$\checkmark$		
Vehicle/ Equipment Movements	B5	Any remedia	al action undertake	en?						
Note No. 1)  Are unpaved areas watered regularly to avoid dust generation?  Are dusty material covered or regularly watered?  Are dusty materials sprayed prior to loading?  B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  V	B6	Observable	dust source(s):	Wind erosion	n			Loading	g/ unloa	ding of materials
Are dusty materials sprayed prior to loading?  B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic				Vehicle/ Equ	iipment Moveme	ents [		Others:		
Are dusty materials sprayed prior to loading?  B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  V	B7	Are unpaved	d areas watered re	egularly to avoid dus	st generation?	[				
B10 Odorous materials immediately covered and promptly removed?  B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic	B8	Are dusty m	aterial covered or	regularly watered?		[		$\overline{\checkmark}$		Refer to Note No. 1
B11 Is generation of dust avoided during loading / unloading?  B12 Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic	B9	Are dusty m	aterials sprayed p	rior to loading?		[		$\checkmark$		
Are loaded dump trucks covered appropriately?  B13 Are wheel washing facilities provided at all site exits?  B14 Are there enclosures around the main dust-generating activities?  C Noise  N/A or not observed  C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  Traffic	B10	Odorous ma	iterials immediatel	ly covered and pron	nptly removed?		V			
Are wheel washing facilities provided at all site exits?	B11	ls generation	n of dust avoided	during loading / unlo	pading?	[		$\checkmark$		
Are there enclosures around the main dust-generating activities?  C Noise	B12	Are loaded	dump trucks cover	red appropriately?		[		$\checkmark$		
C Noise  N/A or not observed	B13	Are wheel w	rashing facilities p	rovided at all site ex	its?	[		$\overline{\mathbf{V}}$		
C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic	B14	Are there en	closures around t	he main dust-gener	ating activities?					
C1 Are all plant and equipment well maintained and in good operating condition?  C2 Is idle equipment turned off or throttled down?  C3 Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic	С	Noise						Yes	No	Remarks / Photo
Are powered mechanical equipment covered or shielded by acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  Are powered mechanical equipment covered or shielded by acoustic materials?  C9 Percussive piling in the South Division is completed.	C1			ell maintained and i	n good	]		$\checkmark$		
acoustic materials?  C4 Are silenced equipment used where practicable?  C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Traffic	C2	ls idle equip	ment turned off or	throttled down?				$\checkmark$		
C5 Are noise barriers provided to protect Kwu Tung Road NSRs?  C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Percussive piling in the South Division is completed.  C8 Major noise source(s):	C3			pment covered or sl	hielded by			$\checkmark$		
C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):  C7 Do compressors operate with doors closed?	C4	Are silenced	equipment used	where practicable?				$\overline{\mathbf{V}}$		
C6 Do air compressors have valid noise labels?  C7 Do compressors operate with doors closed?  C8 Major noise source(s):	C5	Are noise ba	arriers provided to	protect Kwu Tung F	Road NSRs?	[	$\checkmark$			
C8 Major noise source(s):  Traffic	C6	Do air comp	ressors have valid	I noise labels?				$\checkmark$		Dividion to completed.
	C7	Do compres	sors operate with	doors closed?						
Construction activities inside of site	C8	Major noise	source(s):	Traffic					•	
				Construction a	ictivities inside o	f site				
Construction activities outside of site				Construction a	activities outside	of site				
Others:				Others:					***********	

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\checkmark$		
	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?		$\overline{\mathbf{A}}$		
D3	With silt retention pond?		$\overline{\mathbf{A}}$		
D4	Do permanent drainage channels have: Sediment basin?		$\checkmark$		
D5	Traps and baffles?	$\overline{\mathbf{V}}$			
D6	Is groundwater pumped out discharged via sediment traps / tanks	?	$\checkmark$		
D7	Are there sediment tanks for settling runoff prior to disposal?		$\checkmark$		
D8	Constructed from pre-formed individual cells?		V		
D9	Adequate capacity?		$\checkmark$		
D10	Free from silt and sediment?				
D11	Are there oil interceptors in drainage system?	$\checkmark$			
D12	Oil and grease removed regularly?	$\checkmark$			
D13	Bypass to prevent flushing during periods of heavy rain?	$\checkmark$			
D14	Is drainage system well maintained?		$\checkmark$		
D15	Is exposed earth stabilized after earthworks have been completed	1?	$\checkmark$		··· · · · · · · · · · · · · · · · · ·
D16	Are exposed slope surfaces covered (by tarpaulin or other means	)?	$\checkmark$		
D17	Are open stockpiles of more than 50 m³ covered during rainstorm	?	$\sqrt{}$		
D18	Are manholes covered and sealed?		$\checkmark$		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\checkmark$		
D20	Is debris and rubbish on site collected and disposed of properly?		$\checkmark$		
D21	Is wastewater discharge license available for inspection?		V		
D22	Measures to prevent the washing away of sand/silt to drains?		$   \sqrt{} $		
	Rainy Season				
D23	Sediment control measures inspected and maintained after rainstorms?	$\checkmark$			
D24	Is there any sediment plume observed in nearby watercourses?	$\overline{\checkmark}$			
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
F-4	General Refuse		ļ	r—-/	
E1	Accumulation avoided?				Refer to Note No. 2
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		$\checkmark$		
E4	<u>Chemical Waste / Waste Oil</u> Stored properly in designated area?		$\checkmark$		
E5	Labelled properly?		$\overline{\mathbf{V}}$		,
E6	Disposed of properly?		$\overline{\mathbf{V}}$		
E7	Trip tickets available for inspection?		$\overline{\mathbf{V}}$		

						Report No. 090
E	Waste / Chemical Management	N/A or observ		Yes	No	Remarks / Photo
	Chemical / Fuel Storage Area					
E8	Is storage area bunded?			$\checkmark$		
E9	Adequate bund capacity? (>110% of the largest tank)			$\checkmark$		
E10	Are storage areas provided with locks and located on sealed areas	?				
	Construction Waste				•	
E11	Reused where practicable?					For temporary access road paving.
E12	Disposed of properly?					Refer to Note No. 2
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?			$\overline{\checkmark}$		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?			$\checkmark$		
	Excavated Materials					
E15	Appears uncontaminated? (colour, odour)		$\checkmark$			
E16	If suspected contaminated, appropriate procedures followed?		$\checkmark$			
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?			V		
F	Environmental Complaint					Remarks
F1	Number of environmental complaint received from 9/3/2007	to	<u>15/3/</u>	<u>2007</u>	0	
G	General Housekeeping	N/A or observ		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?			$\overline{\mathbf{V}}$		Refer to Note No. 3
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?					
Н	Landscape and Visual	N/A or observ		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?					
H2	Is the work site confined within site boundaries?					
H3	Is damage to surrounding areas avoided?			$\sqrt{}$		
l	Land Contamination	N/A or observ		Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?					
12	Is the contaminated soil segregated from the uncontaminated soil?					
13	Are the stockpiles of contaminated soil covered appropriately?					

#### Notes / Issues Recorded On Site:

- Bags of cement were observed to have been opened and stored without cover at Slip Road B works area in South Division and Slip Road E works area in N2 Division, respectively.
- General refuse (soft drink cans and plastic bottles) and C & D waste (wooden debris) were observed to have been accumulated along Slip Road F works area beside EMDC, Slip Road E works area in N2 Division and Slip Road B works area in South Division.
- Stagnant water pool was observed to have been accumulated behind the site office near Slip Road A works area in N1 Division.

## Corrective Actions - Mitigation Measures Implemented or Proposed (if any):

- Opened cement bags should be covered to prevent dust emissions.
- 2. General refuse and C & D waste should be collected and disposed of properly on a daily basis.
- 3. Stagnant water pool should be cleared up promptly to prevent mosquito breeding.

Inspected by:	K. L. Cheung	Title:	Environmental Team
Signature:	Cheung Kam Lay	Date:	16 <sup>th</sup> March 2007
Representative of Contractor:	Jeffrey Tang	Title:	Environmental Engineer
Signature:	<del>-</del>	Date:	16-3-07
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:	2 Mmy	Date:	16/3/07

Site: 0	Contract No. H	łY/2004/09 - Impr	ovements to San Tin I	Interchange					
•	ction Date:	22 <sup>nd</sup> March 2007	7	Inspected B	-			ung, Ho	ward Chan
Time:		14:30		Weather Co	ndition	: S	unny		
Α	General				N/A or obser		Yes	No	Remarks / Photo
A1	Is the Enviro	onmental Permit d	isplayed at the entran	ces / exits?	ODSCI		$\checkmark$		
В	Air Quality				N/A or obser		Yes	No	Remarks / Photo
B1	ls open burr	ning avoided?					$\checkmark$		
B2	Are complet	ed earthworks sea	aled as soon as practi	cable?			$\checkmark$		
B3	Are vehicles	and equipment s	witched off while not i	n use?			$\checkmark$		
B4		d equipment well powered plant)	maintained? (i.e. with	out black			$\checkmark$		
B5	Any remedia	al action undertake	en?			$\checkmark$			
B6	Observable	dust source(s):	Wind erosion				Loading	/ unloa	ding of materials
			Vehicle/ Equip	ment Moveme	ents		Others:		
B7	Are unpaved	d areas watered re	egularly to avoid dust	generation?			$\checkmark$		
B8	Are dusty m	aterial covered or	regularly watered?				$\checkmark$		
B9	Are dusty m	aterials sprayed p	rior to loading?				$\checkmark$		
B10	Odorous ma	terials immediate	ly covered and promp	tly removed?		$\checkmark$			
B11	ls generation	n of dust avoided	during loading / unloa	ding?			$\checkmark$		
B12	Are loaded of	dump trucks cover	red appropriately?				$\checkmark$		
B13	Are wheel w	rashing facilities p	rovided at all site exits	6?			$\checkmark$		
B14	Are there en	iclosures around t	he main dust-generat	ing activities?					
С	Noise				N/A or obser		Yes	No	Remarks / Photo
C1	Are all plant operating co		ell maintained and in	good			$\checkmark$		
C2	Is idle equip	ment turned off or	throttled down?				$\checkmark$		
C3	Are powered acoustic ma		pment covered or shie	elded by			$\checkmark$		
C4	Are silenced	l equipment used	where practicable?				$\checkmark$		
C5	Are noise ba	arriers provided to	protect Kwu Tung Ro	ad NSRs?					Percussive piling in the South Division is completed.
C6	Do air comp	ressors have valid	I noise labels?						
C7	Do compres	sors operate with	doors closed?		•				
C8	Major noise	source(s):	Traffic						
			Construction act	tivities inside o	of site				
			Construction act	ivities outside	of site				
			Others:					*********	

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\checkmark$		
	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?		$\checkmark$		
D3	With silt retention pond?		$\overline{\mathbf{A}}$		
D4	Do permanent drainage channels have: Sediment basin?		$\overline{\mathbf{V}}$		
D5	Traps and baffles?				
D6	Is groundwater pumped out discharged via sediment traps / tanks	?	$\overline{\mathbf{V}}$		
D7	Are there sediment tanks for settling runoff prior to disposal?		$\overline{\mathbf{V}}$		
D8	Constructed from pre-formed individual cells?		$\checkmark$		
D9	Adequate capacity?		$\checkmark$		
D10	Free from silt and sediment?		$\checkmark$		
D11	Are there oil interceptors in drainage system?	$\checkmark$			William 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
D12	Oil and grease removed regularly?	$\checkmark$			
D13	Bypass to prevent flushing during periods of heavy rain?	$\checkmark$			
D14	Is drainage system well maintained?		$\checkmark$		
D15	Is exposed earth stabilized after earthworks have been completed	?	$\sqrt{}$		
D16	Are exposed slope surfaces covered (by tarpaulin or other means)	?	$\checkmark$		
D17	Are open stockpiles of more than 50 m³ covered during rainstorm?	· 🔲	$\overline{\mathbf{V}}$		
D18	Are manholes covered and sealed?		$\checkmark$		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\overline{\checkmark}$		·····
D20	Is debris and rubbish on site collected and disposed of properly?		$\overline{\mathbf{V}}$		
D21	Is wastewater discharge license available for inspection?				<del></del>
D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\checkmark}$		
	Rainy Season				
D23	Sediment control measures inspected and maintained after rainstorms?	$\overline{\checkmark}$			
D24	Is there any sediment plume observed in nearby watercourses?				
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
E1	General Refuse Accumulation avoided?	<del></del> 1			
_ , E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?				
LJ		لــا	$ \checkmark $		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		$\overline{A}$		
E5	Labelled properly?				
E6	Disposed of properly?				
E7	Trip tickets available for inspection?				

					Report No. 091
E	Waste / Chemical Management	N/A or not observed		No	Remarks / Photo
	Chemical / Fuel Storage Area				
E8	Is storage area bunded?				
E9	Adequate bund capacity? (>110% of the largest tank)				
E10	Are storage areas provided with locks and located on sealed areas	? [			
	Construction Waste				
E11	Reused where practicable?		$\checkmark$		For temporary access road paving.
E12	Disposed of properly?				
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<u> </u>			Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?				
	Excavated Materials				
E15	Appears uncontaminated? (colour, odour)				
E16	If suspected contaminated, appropriate procedures followed?	V	$\mathbb{I} \square$		
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	***************************************			
F	Environmental Complaint				Remarks
F1	Number of environmental complaint received from 16/3/2007	to <u>22</u>	2/3/2007	0.	41-400
G	General Housekeeping	N/A or not observed	Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?				
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?				
Н	Landscape and Visual	N/A or not observed	Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?				
H2	is the work site confined within site boundaries?				
H3	Is damage to surrounding areas avoided?				
I	Land Contamination	N/A or not observed	Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	V			
12	Is the contaminated soil segregated from the uncontaminated soil?	$\checkmark$			
13	Are the stockpiles of contaminated soil covered appropriately?	V			

Notes / Issues Recorded On Site:  No specific environmental issues were recorded during the inspection.								
Corrective Actions – Mitigati Nil.	on Measures Implemented or Proposed	(if any):						
Inspected by:	K. L. Cheung	Title:	Environmental Team					
Signature:	Cherry Kam Lay	Date:	23 <sup>rd</sup> March 2007					
Representative of Contractor:	Jeffrey Tang	Title:	Environmental Engineer					
Signature:		Date:	26-3-07					
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader					
Signature:	p hyrist	Date:	26/3/07					

	Contract No. HY/2004/09 - Improvements to San Tin Interchange				Report No. 092
•	ction Date: 29th March 2007 Inspected E	•		neung, H	oward Chan
Time	14:30 Weather Co	nation:	Sunny		
Α	General	N/A or no observe		No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?				
В	Air Quality	N/A or no observe		No	Remarks / Photo
B1	Is open burning avoided?				
B2	Are completed earthworks sealed as soon as practicable?				
B3	Are vehicles and equipment switched off while not in use?				
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)				
B5	Any remedial action undertaken?		Z [		
В6	Observable dust source(s): Wind erosion	***************************************	Load	ing/ unloa	ading of materials
	✓ Vehicle/ Equipment Movem	ients [	Othe	rs:	
B7	Are unpaved areas watered regularly to avoid dust generation?				,
B8	Are dusty material covered or regularly watered?				
B9	Are dusty materials sprayed prior to loading?				
B10	Odorous materials immediately covered and promptly removed?				
B11	Is generation of dust avoided during loading / unloading?				
B12	Are loaded dump trucks covered appropriately?				
B13	Are wheel washing facilities provided at all site exits?	L			
B14	Are there enclosures around the main dust-generating activities?				
С	Noise	N/A or no		No	Remarks / Photo
C1	Are all plant and equipment well maintained and in good operating condition?				
C2	Is idle equipment turned off or throttled down?				
C3	Are powered mechanical equipment covered or shielded by acoustic materials?				
C4	Are silenced equipment used where practicable?				
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<u> </u>			Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?				
C7	Do compressors operate with doors closed?	<u> </u>			
C8	Major noise source(s):				
	Construction activities inside				
	Construction activities outside	e of site			
	Others:				

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\checkmark$		
D2	Are there temporary ditches for runoff discharge into appropriate: Watercourse?		[_Z[		
D3	With silt retention pond?				
D4	Do permanent drainage channels have: Sediment basin?		<b>✓</b>		
D5	Traps and baffles?				***************************************
D6	Is groundwater pumped out discharged via sediment traps / tanks'	2			
D7	Are there sediment tanks for settling runoff prior to disposal?	; <u> </u>			
D8	Constructed from pre-formed individual cells?				
D9	Adequate capacity?	<u>                                     </u>			
D10	Free from silt and sediment?				
D10	Are there oil interceptors in drainage system?				
D11	Oil and grease removed regularly?				
D12	Bypass to prevent flushing during periods of heavy rain?				
D13	Is drainage system well maintained?				
D14	Is exposed earth stabilized after earthworks have been completed	, L			Refer to Note No. 1
D13	Are exposed slope surfaces covered (by tarpaulin or other means)				
D17	Are open stockpiles of more than 50 m <sup>3</sup> covered during rainstorm?	·			
D18	Are manholes covered and sealed?		V		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\overline{\mathbf{A}}$		
D20	Is debris and rubbish on site collected and disposed of properly?		<b>V</b>		
D21	Is wastewater discharge license available for inspection?		<b>✓</b>		
D22	Measures to prevent the washing away of sand/silt to drains?		$\checkmark$		
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?	$\checkmark$			
D24	Is there any sediment plume observed in nearby watercourses?	V			
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
pre _1	General Refuse				
E1	Accumulation avoided?		V		
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		V	Ш	
E4	Chemical Waste / Waste Oil Stored properly in designated area?				
E5	Labelled properly?				***************************************
E6	Disposed of properly?		$\overline{\mathbf{V}}$		
E7	Trip tickets available for inspection?		$\checkmark$		

						Report No. 092
E	Waste / Chemical Management	N/A or n observe		Yes	No	Remarks / Photo
	Chemical / Fuel Storage Area					
E8	Is storage area bunded?	Ē		$ \mathbf{V} $		
E9	Adequate bund capacity? (>110% of the largest tank)			$\sqrt{}$		
E10	Are storage areas provided with locks and located on sealed areas	? [		$\checkmark$		Refer to Note No. 2
	Construction Waste					
E11	Reused where practicable?			$\overline{\mathbf{A}}$		For temporary access road paving.
E12	Disposed of properly?			$\checkmark$		
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?			$\overline{\checkmark}$		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?			$\checkmark$		
	Excavated Materials					
E15	Appears uncontaminated? (colour, odour)	_	$\checkmark$			
E16	If suspected contaminated, appropriate procedures followed?					
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?			$\overline{\mathbf{V}}$		
F	Environmental Complaint					Remarks
F1	Number of environmental complaint received from 23/3/2007	to	<u> 29/3/</u>	2007	0	
G	General Housekeeping	N/A or n		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?					Refer to Note No. 3
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?			$\checkmark$		
Н	Landscape and Visual	N/A or n		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?				$\checkmark$	Refer to Note No. 4
H2	Is the work site confined within site boundaries?					
НЗ	Is damage to surrounding areas avoided?			$\checkmark$		
I	Land Contamination	N/A or n		Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?		$\overline{\checkmark}$			
12	Is the contaminated soil segregated from the uncontaminated soil?	[	$\checkmark$			
13	Are the stockpiles of contaminated soil covered appropriately?	E	$\overline{V}$			

#### Notes / Issues Recorded On Site:

- 1. A drain ditch beside Pier B7 in South Division and a ditch beside Kwu Tung Road in the M5 works area in South Division were observed to have been blocked by settled sediments. Water flow in the drain was obstructed.
- 2. Chemical waste storage area near the site office was seen to be unlocked.
- 3. Stagnant water pool was observed to have been accumulated in the unused sedimentation tank in the M2 works area in South Division.
- 4. The sandbag barriers and fencing at the transplantation nursery behind the site office in N1 Division were found to have been broken.

#### Other Observation

5. Fuel oil stain was observed on the ground near the fuel oil storage area behind the site office area.

# Corrective Actions - Mitigation Measures Implemented or Proposed (if any):

- 1. Settled sediment inside the drain should be removed and disposed of properly to maintain free water flow.
- 2. The Contractor has taken immediate action to lock the chemical waste storage area.
- 3. Stagnant water pool should be cleared up promptly to prevent mosquito breeding. The unused sedimentation tank should be stored up-side-down to prevent water from accumulation.
- 4. Broken sandbag barriers and fencing should be replaced to prevent soil from being washed down and protect the transplantation nursery area.
- 5. Soil with fuel oil stain should be removed and disposed of as chemical waste. Workers should be careful when handling fuel oil so as to prevent spillage on the ground.

Inspected by:	Howard Chan	Title:	Environmental Team
Signature:	Howard	Date:	30 <sup>th</sup> March 2007
Representative of Contractor:	Jeffrey Tang	Title:	Environmental Engineer
Signature:	-4	Date: _	30-3-07
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:	Marzo	Date: _	30/3/07