Report No. 119 Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange Inspection Date: 3rd October 2007 Inspected By: Keith Chau Time: 14:30 Weather Condition: Sunny Participants: Contractor - Jeffery Tang; ER - Mr Yau A General N/A or not Yes No Remarks / Photo observed Α1 Is the Environmental Permit displayed at the entrances / exits? V В Air Quality N/A or not Yes Remarks / Photo No observed B1 Is open burning avoided? $|\checkmark|$ B2 Are completed earthworks sealed as soon as practicable? В3 Are vehicles and equipment switched off while not in use? В4 Are plant and equipment well maintained? (i.e. without black smoke from powered plant) B5 Any remedial action undertaken? B6 Observable dust source(s): Wind erosion Loading/unloading of materials Vehicle/ Equipment Movements Others: **B**7 Are unpaved areas watered regularly to avoid dust generation? В8 Are dusty material covered or regularly watered? ₿9 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? $\sqrt{}$ B13 Are wheel washing facilities provided at all site exits? B14 Are there enclosures around the main dust-generating activities? $\sqrt{}$ C Noise N/A or not Yes No Remarks / Photo observed C1 Are all plant and equipment well maintained and in good $|\checkmark|$ 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 ✓ Construction activities inside of site. Construction activities outside of site Others:

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\sqrt{}$		
D2	Are there temporary ditches for runoff discharge into appropriate: Watercourse?			<u></u> 1	
D3	With silt retention pond?				
D3	Do permanent drainage channels have: Sediment basin?				***************************************
D5					
D6	Traps and baffles?				
D0	Is groundwater pumped out discharged via sediment traps / tanks? Are there sediment tanks for settling runoff prior to disposal?				
D8	• • • •				
D8	Constructed from pre-formed individual cells?				
	Adequate capacity?				
D10	Free from silt and sediment?				
D11	Are there oil interceptors in drainage system?	✓			
D12	Oil and grease removed regularly?	✓			
D13	Bypass to prevent flushing during periods of heavy rain?	\overline{A}			
D14	Is drainage system well maintained?				Note 1
D15	Is exposed earth stabilized after earthworks have been completed	<u> </u>			
D16	Are exposed slope surfaces covered (by tarpaulin or other means)		V		
D17	Are open stockpiles of more than 50 m ³ 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?				
D20	Is debris and rubbish on site collected and disposed of properly?				
D21	Is wastewater discharge license available for inspection?				
D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\mathbf{V}}$		7
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?		\checkmark		
D24	Is there any sediment plume observed in nearby watercourses?			\square	
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
⊏ 4	General Refuse Accumulation avoided?		<u> </u>	F3	
E1					
E2	Receptacles (e.g. rubbish bins) available?			Щ	
E3	Disposed of regularly and properly?		$ \mathbf{A} $	Ш	
E4	<u>Chemical Waste / Waste Oil</u> Stored properly in designated area?		\overline{V}	П	
E5	Labelled properly?		$\overline{\square}$		
E6	Disposed of properly?		$\overline{\square}$		
E7	Trip tickets available for inspection?				

						Report No. 119
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)			$\overline{\mathbf{V}}$		
E10	Are storage areas provided with locks and located on sealed areas	3?		\checkmark		
	Construction Waste					
E11	Reused where practicable?			\checkmark		
E12	Disposed of properly?					
E13	Are surplus inert materials being reused where practical as an afternative to ordering imported fill material?					
E14	Trip tickets available for inspection?			$\overline{\mathbf{V}}$		
	Excavated Materials		 (
E15	Appears uncontaminated? (colour, odour)		$ \mathbf{A} $			
E16	If suspected contaminated, appropriate procedures followed?		$\sqrt{}$			
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?			\checkmark		
F	Environmental Complaint					Remarks
F1	Number of environmental complaint received from 26/9/2007	to	3/10/	<u>2007</u>	0	
G	General Housekeeping	N/A or a		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?			$\overline{\mathbf{V}}$		
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	-		V		
Н	Landscape and Visual	N/A or r		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?					
H2	Is the work site confined within site boundaries?			$\overline{\mathbf{V}}$		
НЗ	Is damage to surrounding areas avoided?	[$\overline{\mathbf{V}}$		
1	Land Contamination	N/A or r		Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?		\checkmark			
12	Is the contaminated soil segregated from the uncontaminated soil?	[$\sqrt{}$			
13	Are the stockpiles of contaminated soil covered appropriately?	-	V			

Notes / Issues Recorded On Site:

 Litter and deposited silts were observed to have accumulated in the U-channel adjacent to M3 (South Division) and near Slip Road E.

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

1. The contractor was reminded to remove the litter and silts in the drainage system and maintain the drainage system properly.

Inspected by:

Chau Tsz Wing

Title: ET - Environmental Technician

Date: 5th October 2007

Reviewed and approved by: Susana Bezy

Title: Environmental Team Leader

Signature:

Date: 9th October 2007

Site: 0	Contract No. H	1Y/2004/09 - Impro	ovements to San Tin	Interchange				Report No. 12
	tion Date:	10th October 2007 Inspected By		y:	Keith Ch	au		
Time:		14:30 Weather Co			ndition:	Sunny		
Partici	pants:	Contractor –Jeff	ery Tang; ER – Mr Ya	au				
Α	General				N/A or no		No	Remarks / Photo
A1	Is the Enviro	nmental Permit di	splayed at the entran	ices / exits?				
В	Air Quality				N/A or no		No	Remarks / Photo
B1	ls open burn	ing avoided?						
B2	Are complete	ed earthworks sea	iled as soon as practi	icable?				
B3	Are vehicles	and equipment s	witched off while not i	in use?				
B4		d equipment well i powered plant)	maintained? (i.e. with	out black				
B5		l action undertake	n?		$\overline{\checkmark}$			
B6	Observable	dust source(s):	Wind erosion			Loadin	g/ unloa	oding of materials
			Vehicle/ Equip	oment Moveme	ents [Others	:	
B7	Are unpaved	l areas watered re	gularly to avoid dust	generation?				
B8	Are dusty ma	aterial covered or	regularly watered?					
B9	Are dusty ma	aterials sprayed p	rior to loading?					
B10	Odorous ma	terials immediatel	y covered and promp	itly removed?	V	\Box		
B11	Is generation	n of dust avoided o	during loading / unloa	iding?				
B12	Are loaded of	lump trucks cover	ed appropriately?					
B13	Are wheel w	ashing facilities pr	ovided at all site exits	s?				
B14	Are there en	closures around tl	ne main dust-generat	ing activities?	V			
С	Noise				N/A or not observed	Yes	No	Remarks / Photo
C1	Are all plant operating co		ell maintained and in	good				
C2	· -	ment turned off or	throttled down?					
C3	Are powered acoustic mat		oment covered or shi	elded by				
C4			where practicable?					
C5	Are noise ba	rriers provided to	protect Kwu Tung Ro	ad NSRs?	\checkmark			
C6	Do air compi	ressors have valid	noise labels?					
C7	Do compress	sors operate with	doors closed?		\checkmark			
C8	Major noise	source(s):	✓Traffic					
			✓ Construction ac	tivities inside o	fsite			
			Construction ac	tivities outside	of site			
			Others:					

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?				
	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?		$\overline{\mathbb{A}}$		
D3	With silt retention pond?		V		***************************************
D4	Do permanent drainage channels have: Sediment basin?		\checkmark		
D5	Traps and baffles?				
D6	Is groundwater pumped out discharged via sediment traps / tanks?		\square		
D7	Are there sediment tanks for settling runoff prior to disposal?				
D8	Constructed from pre-formed individual cells?				
D9	Adequate capacity?				
D10	Free from silt and sediment?				
D11	Are there oil interceptors in drainage system?	V			
D12	Oil and grease removed regularly?	\checkmark			
D13	Bypass to prevent flushing during periods of heavy rain?				
D14	Is drainage system well maintained?				
D15	is exposed earth stabilized after earthworks have been completed	?	\square		
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?		$\overline{\mathbf{V}}$		A STATE OF THE STA
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?		$ \mathbf{V} $		
D21	Is wastewater discharge license available for inspection?		\checkmark		
D22	Measures to prevent the washing away of sand/silt to drains?				
	Rainy Season				***************************************
D23	Sediment control measures inspected and maintained after rainstorms?		$\overline{\mathbf{V}}$		
D24	Is there any sediment plume observed in nearby watercourses?			V	
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
-4	General Refuse			(1	
E1	Accumulation avoided?				Note 1.
E2	Receptacles (e.g. rubbish bins) available?		$\overline{\mathbf{A}}$		
E3	Disposed of regularly and properly?		\checkmark	Ш	
E4	Chemical Waste / Waste Oil Stored properly in designated area?		$\overline{\checkmark}$		
E5	Labelled properly?				
E6 -	Disposed of properly?		V		
E7	Trip tickets available for inspection?		$\sqrt{}$		

Ni						Report No. 120
Section Sect	E	Waste / Chemical Management		Yes	No	Remarks / Photo
Adequate bund capacity? (>110% of the largest tank)		-				
Are storage areas provided with locks and located on sealed areas? Construction Waste	E8	Is storage area bunded?		$\overline{\mathbf{V}}$		
Construction Waste Reused where practicable? E12 Disposed of property? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping NIA or not observed G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual NIA or not Yes No Remarks / Photo observed H1 Are retained trees protected by fencing? Is the work site confined within site boundaries? Is damage to surrounding areas avoided? I Land Contamination NIA or not Yes No Remarks / Photo observed Is grotective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/groundwater? Is the contaminated soil segregated from the uncontaminated soil? Is the contaminated soil segregated from the uncontaminated soil?	E9	Adequate bund capacity? (>110% of the largest tank)				
E11 Reused where practicable? E12 Disposed of properly? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? I Land Contamination NIA or not vegetation? NIA or not vegetation? I Land Contamination NIA or not vegetation? NIA or not vegetation? I Land Contamination NIA or not vegetation? I Land Contaminated soiled? I Land Contaminated soiled? I Land Contaminated soiled? I Land Contaminated soiled soiled groundwater? I Land Contaminated soiled soiled groundwater?	E10	Are storage areas provided with locks and located on sealed areas	3?	\checkmark		
E12 Disposed of properly? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? I Land Contamination N/A or not Ves No Remarks / Photo observed I Land Contamination N/A or not Ves No Remarks / Photo observed N/A or not Ves No Remarks / Photo observed V						
E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H1 Landscape and Visual Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? H3 is damage to surrounding areas avoided? H3 Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil groundwater? H2 Is the contaminated soil segregated from the uncontaminated soil? F NIA or not observed F SN No Remarks / Photo observed	E11	Reused where practicable?		lacksquare		
alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? H3 Is damage to surrounding areas avoided? Land Contamination N/A or not observed N/A or not observed Land Contamination N/A or not observed N/A or not observed N/A or not obser	E12	Disposed of properly?				
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E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? E Environmental Complaint ENVIRONMENTAL Complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping N/A or not observed Are potential stagnant pools cleared and mosquito breeding prevented? Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual N/A or not observed N/A or not observed N/A or not observed N/A or not observed I sthe work site confined within site boundaries? I sthe work site confined within site boundaries? I Land Contamination N/A or not observed I sthe work site confined within site boundaries? I Land Contamination N/A or not observed N/A or not observed I sprotective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	E14	Trip tickets available for inspection?				
E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping N/A or not observed G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual M/A or not observed H1 Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? Is damage to surrounding areas avoided? I Land Contamination M/A or not observed N/A or not observed I sprotective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	F-4 F-					
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 4/10/2007 to 10/10/2007 0 G General Housekeeping N/A or not observed G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual N/A or not observed H1 Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? H3 Is damage to surrounding areas avoided? H4 Land Contamination N/A or not observed H5 Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? H6 Is the contaminated soil segregated from the uncontaminated soil?			V			
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F1 Number of environmental complaint received from 4/10/2007 to 10/10/2007 0 G General Housekeeping	E17					
General Housekeeping Are potential stagnant pools cleared and mosquito breeding prevented? Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual 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 I Semarks / Photo observed	F	Environmental Complaint				Remarks
Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual N/A or not observed H1 Are retained trees protected by fencing? N/A or not observed H2 Is the work site confined within site boundaries? N/A or not observed I Land Contamination N/A or not observed I sprotective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	F1	Number of environmental complaint received from 4/10/2007	to <u>10/</u>	10/2007	0	
Are potential stagnant pools cleared and mosquito breeding prevented? Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual N/A or not observed Are retained trees protected by fencing? Is the work site confined within site boundaries? Is damage to surrounding areas avoided? Land Contamination N/A or not observed It is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	G	General Housekeeping		Yes	No	Remarks / Photo
Ioss of vegetation? H Landscape and Visual 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 N/A or not observed I s protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? I2 Is the contaminated soil segregated from the uncontaminated soil?	G1					
H1 Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? H3 Is damage to surrounding areas avoided? Land Contamination N/A or not observed Ves No Remarks / Photo observed Ves No during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	G2			$\overline{\checkmark}$		
H2 Is the work site confined within site boundaries? H3 Is damage to surrounding areas avoided? Land Contamination N/A or not observed Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	Н	Landscape and Visual		Yes	No	Remarks / Photo
I Land Contamination N/A or not observed Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	H1	Are retained trees protected by fencing?		\checkmark		
I Land Contamination N/A or not observed Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	H2	Is the work site confined within site boundaries?		V	П	
Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	НЗ	Is damage to surrounding areas avoided?		$\overline{\checkmark}$		
Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	l	Land Contamination		Yes	No	Remarks / Photo
12 Is the contaminated soil segregated from the uncontaminated soil?	11					
13 Are the stockpiles of contaminated soil covered appropriately?	12	•				
	13	Are the stockpiles of contaminated soil covered appropriately?	$\overline{\square}$			

Notes / Issues Recorded On Site:

1. Litters have accumulated in the site area near San Sham Road.

Others

The contractor is reminded to prevent the dust emissions from access roads by watering regularly during the dry season.

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

1. The contractor was reminded to remove the litters regularly and keep the site tidiness.

Inspected by:	Chau Tsz Wing	Title:	ET - Environmental Technician
Signature:	Koth	Date:	12th October 2007
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:		Date:	12 th October 2007

Site:	Contract No. F	łY/2004/09 - Impr	ovements to San Tin	Interchange				Report No. 1
•	ction Date:	17th October 200)7	Inspected B	y: _	Keith Ch	au	
Time:		14:30 Weather Condit				Fine		
Partic	cipants:	Contractor –Jeff	ery Tang; ER – Mr. L	au				
A	General				N/A or no observed		No	Remarks / Photo
A1	Is the Enviro	onmental Permit d	isplayed at the entrar	nces / exits?				
В	Air Quality				N/A or not observed		No	Remarks / Photo
B1	ls open buri	ning avoided?						
B2	Are complet	ed earthworks sea	aled as soon as pract	ticable?				
ВЗ	Are vehicles	and equipment s	witched off while not	in use?				
B4		d equipment well powered plant)	maintained? (i.e. with	nout black				
B5	Any remedia	al action undertake	en?		V			
B6	Observable	dust source(s):	Wind erosion			Loadin	g/ unloa	ading of materials
			✓ Vehicle/ Equi	pment Moveme	ents [Others	:	
B7	Are unpave	d areas watered re	egularly to avoid dust	generation?				
B8	Are dusty m	aterial covered or	regularly watered?					
B9	Are dusty m	aterials sprayed p	rior to loading?					
B10	Odorous ma	terials immediatel	y covered and promp	otly removed?	\checkmark			
B11	ls generatio	n of dust avoided	during loading / unloa	ading?				
B12	Are loaded	dump trucks cover	ed appropriately?					
B13	Are wheel w	ashing facilities p	rovided at all site exit	s?				
B14	Are there er	closures around t	he main dust-genera	ting activities?	\checkmark			
С	Noise				N/A or not observed	Yes	No	Remarks / Photo
C1	Are all plant operating co		ell maintained and in	good				
C2		ment turned off or	throttled down?					
C3	Are powered acoustic ma		pment covered or shi	elded by				
C4	Are silenced	equipment used	where practicable?					
C5	Are noise ba	rriers provided to	protect Kwu Tung Ro	oad NSRs?	\checkmark			
C6	Do air comp	ressors have valid	I noise labels?					
C7	Do compres	sors operate with	doors closed?		\checkmark			
C8	Major noise	source(s):	✓Traffic					White the state of
			Construction ac	tivities inside of	site			
			Construction ac	tivities outside	of site			
			Others:					

E Waste / Chemical Management	oto
E8 Is storage area bunded? 9 Adequate bund capacity? (>110% of the largest tank) 10 Are storage areas provided with locks and located on sealed areas? 10 Construction Waste 11 Reused where practicable? 12 Disposed of properly? 13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? 14 Trip tickets available for inspection? 15 Appears uncontaminated? (colour, odour) 16 If suspected contaminated, appropriate procedures followed? 17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? 17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? 18 Environmental Complaint 19 Number of environmental complaint received from 11/10/2007 to 17/10/2007 o 19 General Housekeeping 10 Are potential stagnant pools cleared and mosquito breeding prevented? 10 Are defined boundaries of working areas identified to prevent loss of vegetation? 10 Are defined boundaries of working areas identified to prevent loss of vegetation? 10 Are retained trees protected by fencing? 11 Are retained trees protected within site boundaries? 12 Is the work site confined within site boundaries? 13 Is damage to surrounding areas avoided?	
Adequate bund capacity? (>110% of the largest tank)	
Construction Waste E11 Reused where practicable? E12 Disposed of properly? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? E environmental Complaint F1 Number of environmental complaint received from 11/10/2007 to 17/10/2007 0 G General Housekeeping N/A or not yes no observed Are potential stagnant pools cleared and mosquito breeding prevented? Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual N/A or not yes no Remarks / Photossory observed	
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H3 Is damage to surrounding areas avoided?	
to the desired and the second	
Land Contamination N/A or not Yes No Remarks / Pho	
Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	oto
12 Is the contaminated soil segregated from the uncontaminated soil?	oto
13 Are the stockpiles of contaminated soil covered appropriately?	oto

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?		$\overline{\mathbf{V}}$		WARRING TO A STATE OF THE STATE
D4	Do permanent drainage channels have: Sediment basin?				
D5	Traps and baffles?	$\overline{\mathbf{V}}$			
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?		$\overline{\mathbf{V}}$		
D9	Adequate capacity?		$ \mathbf{V} $		
D10	Free from silt and sediment?		\checkmark		
D11	Are there oil interceptors in drainage system?	$\sqrt{}$			
D12	Oil and grease removed regularly?	\checkmark			
D13	Bypass to prevent flushing during periods of heavy rain?	\checkmark			
D14	Is drainage system well maintained?		$\overline{\mathbf{V}}$		
D15	Is exposed earth stabilized after earthworks have been completed?		$\overline{\mathbf{V}}$		
D16	Are exposed slope surfaces covered (by tarpaulin or other means)	?	\checkmark		
D17	Are open stockpiles of more than 50 $\ensuremath{\text{m}^3}$ covered during rainstorm?		\checkmark		
D18	Are manholes covered and sealed?		\checkmark		, , , , , , , , , , , , , , , , , , , ,
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\overline{\mathbf{V}}$		
D20	Is debris and rubbish on site collected and disposed of properly?				
D21	Is wastewater discharge license available for inspection?		$\overline{\mathbf{V}}$		
D22	Measures to prevent the washing away of sand/silt to drains?		\square		
D23	Rainy Season Sediment control measures inspected and maintained after	FT	<u>. 7</u>	Г	
520	rainstorms?	LI	Ľ		
D24	Is there any sediment plume observed in nearby watercourses?			$\overline{\mathbf{V}}$	
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
E1	General Refuse Accumulation avoided?				
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?				A STATE OF THE STA
E3			V		
E4	<u>Chemical Waste / Waste Oil</u> Stored properly in designated area?				
E5	Labelled properly?				
E6	Disposed of properly?				
E7	Trip tickets available for inspection?		$\overline{\checkmark}$		

Notes / Issues Recorded On No specific environmental issues	Site: ues were recorded during the inspec	tion.	
Corrective Actions – Mitigat Nil.	ion Measures Implemented or Pro	pposed (if any):	
Inspected by:	Chau Tsz Wing	Title:	ET - Environmental Technician
Signature:	Kettle	Date:	22 nd October 2007
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:		Date:	22 nd October 2007

Site: C	Contract No. H	HY/2004/09 - Impro	ovements to San Tin	Interchange					· , · · · · · · · · · · · · · · · · · · ·
Insped	ction Date:	24th October 200)7	Inspected B	y:	K	eith Chau	ı	
Time:		14:30		Weather Co.	ndition:	S	unny		
Partic	ipants:	Contractor –Jeffery Tang; ; ER – Mr Leung; IEC – Zoe Chan							
Α	General				N/A or no		Yes	No	Remarks / Photo
A1	Is the Enviro	onmental Permit di	splayed at the entra	nces / exits?			\checkmark		
В	Air Quality				N/A or no		Yes	No	Remarks / Photo
B1	ls open burr	ning avoided?							
B2	Are complet	ed earthworks sea	aled as soon as prac	ticable?					
B3	Are vehicles	and equipment s	witched off while not	in use?			$\overline{\checkmark}$		
B4		d equipment well powered plant)	maintained? (i.e. wit	hout black			\checkmark		
B5		al action undertake	en?						<u> </u>
B6	Observable	dust source(s):	Wind erosion	1			Loading/	unloa	ading of materials
			✓ Vehicle/ Equ	ipment Moveme	ents [Others:		
B7	Are unpave	d areas watered re	egularly to avoid dus	t generation?			$\overline{\mathbf{V}}$		Note 1.
B8	Are dusty m	aterial covered or	regularly watered?				\checkmark		
B9	Are dusty m	aterials sprayed p	rior to loading?				\checkmark		
B10	Odorous ma	iterials immediatel	y covered and prom	ptly removed?					
B11	Is generatio	n of dust avoided	during loading / unlo	ading?					
B12	Are loaded	dump trucks cover	ed appropriately?				\checkmark		
B13	Are wheel w	rashing facilities pr	ovided at all site exi	ts?			\checkmark		
B14	Are there er	iclosures around t	he main dust-genera	nting activities?	<u> </u>	7			
С	Noise				N/A or no		Yes	No	Remarks / Photo
C1	Are all plant operating co		ell maintained and in	good					
C2	· ·	ment turned off or	throttled down?				\checkmark		
C3	Are powered acoustic ma		oment covered or sh	ielded by			$\overline{\checkmark}$		
C4	Are silenced	l equipment used	where practicable?						
C5	Are noise ba	arriers provided to	protect Kwu Tung R	oad NSRs?	v				
C6	Do air comp	ressors have valid	I noise labels?				\checkmark		
C7	Do compres	sors operate with	doors closed?		v				
C8	Major noise	source(s):	✓Traffic						
			✓ Construction ad	ctivities inside o	fsite				
			Construction a	ctivities outside	of site				
			Others:						

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?				
~~	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?				
D3	With silt retention pond?				
D4	Do permanent drainage channels have: Sediment basin?				
D5	Traps and baffles?				
D6	Is groundwater pumped out discharged via sediment traps / tanks?	?			
D7	Are there sediment tanks for settling runoff prior to disposal?				
D8	Constructed from pre-formed individual cells?		V		
D9	Adequate capacity?		$\overline{\mathbf{V}}$		
D10	Free from silt and sediment?		$\overline{\mathbf{V}}$		
D11	Are there oil interceptors in drainage system?	$\overline{\mathbf{V}}$			
D12	Oil and grease removed regularly?	\checkmark			State Control of the
D13	Bypass to prevent flushing during periods of heavy rain?	\square			
D14	Is drainage system well maintained?		$ \mathbf{V} $		
D15	is exposed earth stabilized after earthworks have been completed	?	\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?				
D19	Toilet that connects to foul sewer or chemical toilets provided?				**************************************
D20	Is debris and rubbish on site collected and disposed of properly?				Note 2.
D21	Is wastewater discharge license available for inspection?		$\sqrt{}$		
D22	Measures to prevent the washing away of sand/silt to drains?				
	Rainy Season				
D23	Sediment control measures inspected and maintained after rainstorms?		$\overline{\mathbf{V}}$		
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?	r1			
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		V		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		\overline{V}		Note 3.
E5	Labelled properly?				
E6	Disposed of properly?				
E7	Trip tickets available for inspection?				
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E Waste / Chemical Management Observed Chemical / Fuel Storage Area E8 Is storage area bunded? E9 Adequate bund capacity? \(> 110% of the largest tank \) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						Report No. 122
Sestorage area bunded?	E	Waste / Chemical Management			No	Remarks / Photo
Adequate bund capacity? (>110% of the largest tank) Are storage areas provided with locks and located on sealed areas? Construction Waste Reused where practicable? E11 Reused where practicable? E12 Disposed of properly? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials E15 Appears uncontaminated? (colour, odour) E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 18/10/2007 to 24/10/2007 0 G General Housekeeping Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H Landscape and Visual Are retained trees protected by fencing? I S the work site confined within site boundaries? I Land Contamination N/A or not Yes No Remarks / Photo observed I S the work site confined within site boundaries? I Land Contamination N/A or not Yes No Remarks / Photo observed I S protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? I Is the contaminated soil segregated from the uncontaminated soil? I S the contaminated soil segregated from the uncontaminated soil?						
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Construction Waste Reused where practicable? E12 Disposed of properly? E13 Are surplus inert materials being reused where practical as an alternative to ordering imported fill material? E14 Trip tickets available for inspection? Excavated Materials Appears uncontaminated? (colour, odour) E15 Appears uncontaminated, appropriate procedures followed? E16 If suspected contaminated, appropriate procedures followed? E17 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection? F Environmental Complaint F1 Number of environmental complaint received from 18/10/2007 to 24/10/2007 0 G General Housekeeping N/A or not observed G1 Are potential stagnant pools cleared and mosquito breeding prevented? G2 Are defined boundaries of working areas identified to prevent loss of vegetation? H1 Landscape and Visual N/A or not observed H1 Are retained trees protected by fencing? H2 Is the work site confined within site boundaries? H3 Is damage to surrounding areas avoided? H4 Land Contamination N/A or not observed H5 Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? E12 Is the contaminated soil segregated from the uncontaminated soil?	E9	Adequate bund capacity? (>110% of the largest tank)				
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Is the work site confined within site boundaries?	Н	Landscape and Visual			No	Remarks / Photo
Is damage to surrounding areas avoided? Land Contamination N/A or not observed	H1	Are retained trees protected by fencing?				
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Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater? Is the contaminated soil segregated from the uncontaminated soil?	НЗ	Is damage to surrounding areas avoided?				
during exposure to potential contaminated soil/ groundwater? 12 Is the contaminated soil segregated from the uncontaminated soil?	i	Land Contamination		Yes	No	Remarks / Photo
	11		\checkmark			
13 Are the stockpiles of contaminated soil covered appropriately?	12	Is the contaminated soil segregated from the uncontaminated soil?	V			
	13	Are the stockpiles of contaminated soil covered appropriately?	V			

Notes / Issues Recorded On Site:

- 1. Rubbish was seen to have been discarded in the U-channel near Pier B8.
- 2. Unpaved areas in M6 works area were dry and lack of watering applied.
- 3. A lubricant oil can and an oily breaker part were placed directly on ground surface. An oil stain was seen on the ground.

Others

The contractor was reminded to prevent the dust emissions from the access roads and keep watering regularly in dry season.

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

- 1. The contractor was reminded to remove the rubbish in the U-channel and maintain free water flow.
- 2. The contractor was reminded to water regularly in the unpaved works areas. Watering vehicle should be applied if no water supply is available in specific works areas.
- 3. The contractor was reminded to provide drip tray for temporary storage of lubricant oil cans and oily equipment parts to prevent contaminating ground soil. The oil-stained soil should be removed and disposed of as chemical waste.

Inspected by:	Chau Tsz Wing	Title:	ET - Environmental Technician
Signature:	Koth	Date:	25th October 2007
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:		Date:	25 th October 2007

		•	ovements to San T	ŭ				Report No. 123
Inspection Date:		31st October 200)7	Inspected B	•	Keith		
Time: Participants:		14:30 Contractor – left	ery Tang; ; ER – N	Weather Co	ndition:	Cloud	У	
			ory rang, , civ m	VII I CIC				
Α	General				N/A or no observed		s No	Remarks / Photo
A1	Is the Enviro	onmental Permit d	isplayed at the ent	trances / exits?	L	l		
В	Air Quality				N/A or no observe		s No	Remarks / Photo
B1	ls open burr	ning avoided?						
B2	Are complet	ed earthworks sea	aled as soon as pr	acticable?				
B3	Are vehicles	and equipment s	witched off while n	not in use?] [v		
B4	,	d equipment well powered plant)	maintained? (i.e. v	without black] [v		
B5		al action undertak	en?		<u> </u>			
B6	Observable	dust source(s):	Wind erosi	ion		Loa	ding/ uni	oading of materials
			✓ Vehicle/ Ed	quipment Moveme	ents [Oth	ers:	
B7	Are unpave	d areas watered re	egularly to avoid di	ust generation?				
B8	Are dusty m	aterial covered or	regularly watered	?				
B9	Are dusty m	aterials sprayed p	rior to loading?					
B10	Odorous ma	aterials immediate	ly covered and pro	mptly removed?	V			
B11	Is generation	n of dust avoided	during loading / ur	nloading?				
B12	Are loaded	dump trucks cover	red appropriately?] [v		
B13	Are wheel w	ashing facilities p	rovided at all site e	exits?				
B14	Are there er	closures around t	he main dust-gene	erating activities?	[v			
С	Noise				N/A or no		s No	Remarks / Photo
C1	Are all plant operating co		ell maintained and	l in good				
C2	, .	ment turned off or	throttled down?] [v		
C3	Are powered		pment covered or	shielded by				
C4	Are silenced	l equipment used	where practicable	?				
C5	Are noise ba	arriers provided to	protect Kwu Tung	Road NSRs?	v			
C6	Do air comp	ressors have valid	l noise labels?					
C7	Do compres	sors operate with	doors closed?		v			
C8	Major noise	source(s):	√Traffic					
			Construction	activities inside o	f site			
			Construction	activities outside	of site			
			Others:					

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\sqrt{}$		
	Are there temporary ditches for runoff discharge into appropriate:	F	 /		
D2	Watercourse?			Ц	
D3	With silt retention pond?				
D4	Do permanent drainage channels have: Sediment basin?			Ц	
D5	Traps and baffles?		Ц		
D6	Is groundwater pumped out discharged via sediment traps / tanks?				
D7	Are there sediment tanks for settling runoff prior to disposal?		\square		AMBRICANIA - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
D8	Constructed from pre-formed individual cells?		V		
D9	Adequate capacity?		$\overline{\mathbf{V}}$		
D10	Free from silt and sediment?		$\overline{\mathbf{V}}$		
D11	Are there oil interceptors in drainage system?	\checkmark			
D12	Oil and grease removed regularly?	$\overline{\mathbf{V}}$			
D13	Bypass to prevent flushing during periods of heavy rain?	$\overline{\checkmark}$			
D14	Is drainage system well maintained?		$\sqrt{}$		Note 1
D15	Is exposed earth stabilized after earthworks have been completed?	· []			304
D16	Are exposed slope surfaces covered (by tarpaulin or other means) ⁴	?	$\overline{\mathbf{V}}$		
D17	Are open stockpiles of more than 50 $\ensuremath{\text{m}^3}$ covered during rainstorm?				
D18	Are manholes covered and sealed?				
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\overline{\mathbf{V}}$		
D20	Is debris and rubbish on site collected and disposed of properly?		$\overline{\mathbf{V}}$		
D21	Is wastewater discharge license available for inspection?				
D22	Measures to prevent the washing away of sand/silt to drains?				
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?		$\overline{\mathbf{V}}$		
D24	Is there any sediment plume observed in nearby watercourses?			$ \sqrt{} $	
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
E1	General Refuse Accumulation avoided?			г	
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		\checkmark		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		$\overline{\mathbf{V}}$		
E5	Labelled properly?				
E6	Disposed of properly?				
E7	Trip tickets available for inspection?				

					Report No. 123
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
	Chemical / Fuel Storage Area				
E8	Is storage area bunded?		$\overline{\mathbf{V}}$		
E9	Adequate bund capacity? (>110% of the largest tank)		$\overline{\mathbf{V}}$		
E10	Are storage areas provided with locks and located on sealed areas	?	$ \sqrt{} $		
	Construction Waste				
E11	Reused where practicable?				
E12	Disposed of properly?				
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?		$ \sqrt{} $		
E14	Trip tickets available for inspection?		\checkmark		
	Excavated Materials				
E15	Appears uncontaminated? (colour, odour)		\checkmark		
E16	If suspected contaminated, appropriate procedures followed?	$\overline{\mathbf{V}}$			
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 25/10/2007	to <u>31/1</u>	0/2007	0	
G	General Housekeeping	N/A or not observed	Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?				Note 2
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?		$\overline{\mathbf{V}}$		
H	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?				
НЗ	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?	\checkmark			
12	Is the contaminated soil segregated from the uncontaminated soil?				
13	Are the stockpiles of contaminated soil covered appropriately?	\square			

Notes / Issues Recorded On Site:

- 1. Rubbish and silts were accumulated in the U-channel in M2 works area and near the West Abutment.
- 2. Stagnant water was accumulated in an unused sedimentation tank in works area of N1 Division.

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

- 1. The contractor was reminded to collect the rubbish and remove silt regularly to keep the drainage channel free of debris.
- 2. The contractor was advised to store any unused sedimentation tank up-side-down to prevent accumulation of stagnant water.

Inspected by:	Chau Tsz Wing	Title:	ET - Environmental Technician
Signature:	Koeth	Date:	1st November 2007
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
Signature:	(MM54)	Date:	1 st November 2007