Site: 0	Contract No. H	1Y/2004/09 - Impro	ovements to San Tin	Interchange					Report No. 076
-	ction Date:	7th December 20	06	Inspected B	•	Hov	ward C	han	
Time:		14:30		Weather Co	ndition:	Sun	iny		
Α	General				N/A or no		Yes	No	Remarks / Photo
A1	Is the Enviro	onmental Permit di	splayed at the entran	ices / exits?					
В	Air Quality				N/A or no	-	Yes	No	Remarks / Photo
B1	Is open burn	ning avoided?							
B2	Are complete	ed earthworks sea	iled as soon as practi	icable?					
В3	Are vehicles	and equipment s	witched off while not i	n use?			$\overline{\mathbf{V}}$		
B4		d equipment well i powered plant)	maintained? (i.e. with	out black			V		
B5	Any remedia	al action undertake	n?		<u></u>				
B6	Observable source(s):	dust	Wind erosion				oading	/ unioa	ding of materials
	` ,		Vehicle/ Equipme Movements	ent] 0	thers:		
В7	Are unpaved generation?		gularly to avoid dust				$\sqrt{}$		
B8	Are dusty ma	aterial covered or	regularly watered?						
В9	Are dusty ma	aterials sprayed p	rior to loading?				$\sqrt{}$		WILL
B10	Odorous ma removed?	iterials immediatel	y covered and promp	tly	V				
B11	Is generation	n of dust avoided o	during loading / unloa	iding?					
B12	Are loaded o	dump trucks cover	ed appropriately?				\checkmark		
B13	Are wheel w	ashing facilities pr	ovided at all site exits	s?			\overline{V}		
B14	Are there en activities?	closures around ti	ne main dust-generat	ing	V				
С	Noise				N/A or no		Yes	No	Remarks / Photo
C1	Are all plant operating co		elf maintained and in (good		_			
C2	ls idle equipr	ment turned off or	throttled down?						
C3	Are powered acoustic mat		oment covered or ship	elded by					
C4	Are silenced	equipment used v	where practicable?						
C5	Are noise ba	rriers provided to	protect Kwu Tung Ro	ad NSRs?	v	7			Percussive piling in the South Division is completed.
C6	Do air compi	ressors have valid	noise labels?						
C7	Do compress	sors operate with	doors closed?		v				
C8	Major noise	source(s):	√ Traffic						
			✓ Construction acti	vities inside of	site				
			Construction acti	vities outside o	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?		$\overline{\mathbf{V}}$		
D3	With silt retention pond?				
D4	Do permanent drainage channels have: Sediment basin?		$\sqrt{}$		
D5	Traps and baffles?	\checkmark			
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?		$\sqrt{}$		
D9	Adequate capacity?		$\sqrt{}$		
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?		$\overline{\mathbf{V}}$		
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?		$\sqrt{}$		
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?		$\overline{\mathbf{V}}$		
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
T4	General Refuse		J		
E1	Accumulation avoided?				Refer to Note No. 1
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		$\boxed{\checkmark}$		
E4	Chemical Waste / Waste Oil Stored properly in designated area?				

Contra	act No. HY/2004/09 Improvements to San Tin Intercha	nge			E	nvironn	nental Site Inspection Checklist
							Report No. 076
E5	Labelled properly?				abla		· · · · · · · · · · · · · · · · · · ·
E6	Disposed of properly?						
E7	Trip tickets available for inspection?						
E	Waste / Chemical Management		N/A or n		Yes	No	Remarks / Photo
~	Chemical / Fuel Storage Area		г				
E8	Is storage area bunded?		L				
E9	Adequate bund capacity? (>110% of the largest tank				$\overline{\mathbf{V}}$		
E10	Are storage areas provided with locks and located or areas?	ı sealed			\checkmark	Ш	
E11	Construction Waste Reused where practicable?				\checkmark		For temporary access road paving.
E12	Disposed of properly?		[<u> </u>
E13	Are surplus inert materials being reused where practical alternative to ordering imported fill material?	ical as an	[\checkmark		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?		[$\sqrt{}$		
E15	Excavated Materials Appears uncontaminated? (colour, odour)		Incompanie		\checkmark		Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures for	ollowed?	[Contaminated material excavated from Site A is temporarily stockpiled onsite, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of corwaste or excavated materials available for inspection		[\checkmark		
F	Environmental Complaint						Remarks
F1	Number of environmental complaint received from	1/12/2006	to	07/12	<u>2/2006</u>	0	
G	General Housekeeping		N/A or n		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito be prevented?	reeding	[Refer to Note No. 2
G2	Are defined boundaries of working areas identified to loss of vegetation?	prevent			$\overline{\mathbf{V}}$		
Н	Landscape and Visual		N/A or n		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?				$\overline{\mathbf{V}}$		

Co	ntract No. HY/2004/09 in	nprovements to San Tin Interchange			Environ	mental Site inspection Checklist
1	Land Contaminatio	n	N/A or not	Yes	No	Report No. 076 Remarks / Photo
11	during exposure to p	ent (gloves, mask) provided for site staff otential contaminated soil/ groundwater?	observed			Basic personal protective equipment has been provided for workers when handling excavated arseniccontaining soil.
12	son ;	soil segregated from the uncontaminated				Contaminated material excavated from Site A is stockpiled separately within Site A.
10	Are the stockplies of	contaminated soil covered appropriately?		团		Stockpile of excavated arsenic-containing soil is generally covered.
					_	Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.
Manh	s / Issues Recorded O				***	
2.	M5 works area in Sout Stagnant water pools v	were observed to have been accumulated a erial in M6.:Works area in South Division s	teeventteet	In N2 L	JIVISION	and beside Kwu Tung Road in
Corre	ective Actions - Mitigat	don Measures Implemented or Proposed	(If any)-			
t.	C & D waste should be cleaned up daily to kee	collected and properly stored, and dispose pood site tidiness.	d of regularly.			
2.	Stagnant water pools si up-side-down to preven	hould be cleared promptly to prevent mosquit stagnant water accumulation,	iito breeding. U	Inused :	sedimer	ntation tanks should be placed
inspe	cted by:	Howard Chan	Title: _Envir	onment	al Tean	n
Signa	ture;	Howard	Date: 7th D	ecembe	er 2006	
Repre	sentative of Contractor:	Jeffrey Tang	Title: Enviro	onment	al Engir	neer
Signat	rure:		Date:	£	3 20	e ob.
Reviev	ved and approved by:	Susana Bezy	Title: Enviro	nmenta	al Team	Leader
Signat	ure:		Date:	11/	12	105

Site: C	Contract No. H		provements to San	Tin Interchange					Neportino. 077
•	ction Date:	14th December	r 2006	Inspected E	-	***************************************		ung, Ho	oward Chan
Time:		14:30		Weather Co	ndition:	Cl	oudy		
Α	General				N/A or n observe		Yes	No	Remarks / Photo
A1	Is the Enviro	onmental Permit	displayed at the en	trances / exits?					
В	Air Quality				N/A or n		Yes	No	Remarks / Photo
B1	Is open burn	ing avoided?							
B2	Are complete	ed earthworks s	ealed as soon as p	racticable?			$\overline{\checkmark}$		WOVE-1111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
ВЗ	Are vehicles	and equipment	switched off while	not in use?			$\overline{\checkmark}$		
B4		d equipment we powered plant)	II maintained? (i.e.	without black					
B5	Any remedia	action underta	ken?		E	\checkmark			
B6	Observable source(s):	dust	Wind erosion	1			Loading	ı/ unloa	ding of materials
	()		Vehicle/ Equ Movements	ipment			Others:		
B7	Are unpaved generation?	d areas watered	regularly to avoid d	lust					
В8	-	aterial covered	or regularly watered	l?			\square		vviii 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
В9	Are dusty ma	aterials sprayed	prior to loading?				\square		
B10	Odorous ma removed?	terials immediat	ely covered and pro	omptly		abla			
B11	Is generation	n of dust avoide	d during loading / u	nloading?					
B12	Are loaded o	lump trucks cov	ered appropriately?	,			\square		
B13	Are wheel w	ashing facilities	provided at all site	exits?			$\overline{\mathbf{V}}$		
B14	Are there en activities?	closures around	I the main dust-gen	erating					
С	Noise				N/A or no		Yes	No	Remarks / Photo
C1	Are all plant operating co		well maintained and	d in good			$\overline{\checkmark}$		
C2	. •		or throttled down?				$\overline{\mathbf{V}}$		
C3	Are powered acoustic mat		uipment covered or	shielded by			$\overline{\mathbf{Q}}$		
C4	Are silenced	equipment used	d where practicable	?			$\overline{\checkmark}$		
C5	Are noise ba	rriers provided t	o protect Kwu Tunç	Road NSRs?					Percussive piling in the South Division is completed.
C6	Do air compr	ressors have va	lid noise labels?						
C7	Do compress	sors operate wit	h doors closed?						
C8	Major noise	source(s):	✓ Traffic						
			✓ Construction	activities inside of	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?				
	Are there temporary ditches for runoff discharge into appropriate:				
D2	Watercourse?		$\overline{\mathbf{V}}$		
D3	With silt retention pond?		\overline{V}		
D4	Do permanent drainage channels have: Sediment basin?		$\overline{\mathbf{V}}$		
D5	Traps and baffles?	\checkmark			
D6	Is groundwater pumped out discharged via sediment traps / tanks?		V		
D7	Are there sediment tanks for settling runoff prior to disposal?				
D8	Constructed from pre-formed individual cells?				
D9	Adequate capacity?		$\sqrt{}$		
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?		$\sqrt{}$		
D15	Is exposed earth stabilized after earthworks have been completed?				
D16	Are exposed slope surfaces covered (by tarpaulin or other means)?		\square		
D17	Are open stockpiles of more than 50 m ³ covered during rainstorm?		$\overline{\mathbf{Q}}$		
D18	Are manholes covered and sealed?		$\sqrt{}$		
D19	Toilet that connects to foul sewer or chemical toilets provided?	Eastername.	$\overline{\mathbf{V}}$		
D20	Is debris and rubbish on site collected and disposed of properly?		\square		
D21	Is wastewater discharge license available for inspection?		$\overline{\mathbf{V}}$		
D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\mathbf{V}}$		
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
E 4	General Refuse Accumulation avoided?	r1	<u> </u>		
E1 E2	Receptacles (e.g. rubbish bins) available?			Н	Refer to Note No. 1
E2 E3	Disposed of regularly and properly?				
LV			V		
E4	Chemical Waste / Waste Oil Stored properly in designated area?				

Contr	act No. HY/2004/09 Improvements to San Tin Interch	Environmental Site Inspection Checklist					
							Report No. 077
E5	Labelled properly?				$\overline{\mathbf{V}}$		
E6	Disposed of properly?				$\overline{\mathbf{V}}$		
E7	Trip tickets available for inspection?		***************************************		$\overline{\mathbf{V}}$		
E	Waste / Chemical Management		N/A or n observe		Yes	No	Remarks / Photo
E8	Chemical / Fuel Storage Area Is storage area bunded?		,				
E9	Adequate bund capacity? (>110% of the largest tar	ık)					
E10	Are storage areas provided with locks and located areas?	,					
	Construction Waste					-	
E11	Reused where practicable?				\checkmark		For temporary access road paving.
E12	Disposed of properly?				$\overline{\mathbf{V}}$		
E13	Are surplus inert materials being reused where pra- alternative to ordering imported fill material?	ctical as an					Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?				$\overline{\checkmark}$		
	Excavated Materials						
E15	Appears uncontaminated? (colour, odour)				\square		Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures	followed?	[processor.			Contaminated material excavated from Site A is temporarily stockpiled onsite, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of constant of excavated materials available for inspection				\overline{V}		
F	Environmental Complaint						Remarks
F1	Number of environmental complaint received from	<u>08/12/2006</u>	to <u></u>	14/12	<u>/2006</u>	0	
G	General Housekeeping		N/A or no		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito prevented?	breeding					
G2	Are defined boundaries of working areas identified loss of vegetation?	to prevent			$\overline{\checkmark}$		
Н	Landscape and Visual		N/A or no		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?				\checkmark		
H2	Is the work site confined within site boundaries?				$\overline{\checkmark}$		
НЗ	Is damage to surrounding areas avoided?				$\overline{\checkmark}$		

Н3

							Report No. 077
i	Land Contamination		N/A or observ		Yes	No	Remarks / Photo
11		t (gloves, mask) provided for site staff ential contaminated soil/ groundwater?		V			Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
12	Is the contaminated soil soil?	I segregated from the uncontaminated			$\overline{\mathbf{A}}$		Contaminated material excavated from Site A is stockpiled separately within Site A.
13	Are the stockpiles of co	ntaminated soil covered appropriately?					Stockpile of excavated arsenic-containing soil is generally covered.
						_	Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.
Notes	/ Issues Recorded On	Site:					
4 .	C & D waste (metallic a Slip Road E works area	and wooden debris) and general refuse (and beside site access in N2 Division, an	plastic bo d at Slip R	ttles) load E	were ol 3 works	oserved area in	to have been accumulated at South Division.
Corre	ctive Actions – Mitigati	on Measures Implemented or Proposed	i (if any):				
1.	C & D waste should be cleaned up daily to keep	collected and properly stored, and dispose good site tidiness.	ed of regu	ılarly.	Genera	al refuse	ed generated on site should be
Inspec	ted by:	K. L. Cheung	Title:	Envi	ronmer	ital Tea	m
Signati	ure:	Chering Kam Lay	Date:	15 th	Decem	ber 200	6
Repres	sentative of Contractor:	Jeffrey Tang	Title:	Envi	ronmer	ital Eng	ineer
Signat	ure:	4	Date: ्		16	- 12	06.
Review	ved and approved by:	Susana Bezy	Title:	Envi	ronmen	tal Tea	m Leader
Signatu	ıre:		Date:		16/	12/0	06

Inspection Date: 21% December 2006 Meather Condition Surmy Howard Chain H	Site: C	Contract No. H	1Y/2004/09 - Im	provements to S	an Tin Interchange				, , , , , , , , , , , , , , , , , , , ,
A General A General A General A Is the Environmental Permit displayed at the entrances / exits? B Air Quality B Air Quality Are completed earthworks sealed as soon as practicable? Are plant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment switched off while not in use? A replant and equipment watered? A replant and equipment watered? A replant and equipment watered? A replant and equipment well maintained and in good operating condition? C Noise NiA or not observed A replant and equipment used where practicable? A replant and e	Insped	ction Date:	21st Decembe	r 2006	Inspected E	By:	K. L. Che	ung, Ho	oward Chan
A1 Is the Environmental Permit displayed at the entrances / exits? Air Quality	Time:		14:30		Weather Co	ndition:	Sunny		
All Is the Environmental Permit displayed at the entrances / exits?	Α	General						No	Remarks / Photo
B1 Is open burning avoided?	A1	Is the Enviro	onmental Permit	displayed at the	entrances / exits?	observed	·		
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? Any remedial action undertaken? Wind erosion Source(s): 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 immediately covered and promptly removed? B10 Odorous materials immediately covered and promptly removed? B11 Is generation of dust avoided during loading / unloading? Are loaded dump trucks covered appropriately? Are loaded dump trucks covered appropriately? Are wheel washing facilities provided at all site exits? C Noise Noise N/A or not observed Are all plant and equipment well maintained and in good operating condition? C1 Is idle equipment turned off or throttled down? C3 Are powered mechanical equipment covered or shielded by acoustic materials? C4 Are silenced equipment turned off or throttled down? C5 Are noise barriers provided to protect Kwu Tung Road NSRs? C6 Do air compressors have valid noise labels? C7 Do compressors perate with doors closed? C7 Do compressors perate with doors closed?	В	Air Quality						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): 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? Odorous materials immediately covered and promptly removed? Bay are loaded dump trucks covered and promptly removed? Are loaded dump trucks covered appropriately? Are wheel washing facilities provided at all site exits? Concise N/A or not observed 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 noise barriers provided to protect Kwu Tung Road NSRs? Are noise barriers provided to protect Kwu Tung Road NSRs? Do compressors have valid noise labels? Concompressors operate with doors closed?	B1	Is open burr	ning avoided?						
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 s	sealed as soon a	s practicable?				
smoke from powered plant) Any remedial action undertaken? Cobservable dust source(s): Vehicle/ Equipment Movements Are unpaved areas watered regularly to avoid dust generation? Bay Are dusty materials sprayed prior to loading? Codorous materials immediately covered and promptly removed? Bay Are loaded dump trucks covered appropriately? Bay Are loaded dump trucks covered appropriately? Codorous materials immediately covered and promptly removed? Bay Are wheel washing facilities provided at all site exits? Codorous materials immediately experied and promptly removed? Bay Are there enclosures around the main dust-generating activities? Codorous materials immediately experied and promptly removed? Bay Are there enclosures around the main dust-generating activities? Codorous materials immediately experied and promptly removed? Codorous materials immediately experied and promptly removed? Codorous materials provided at all site exits? Codorous materials removed main dust-generating activities? Codorous materials removed main dust-generating removed removed main dust-generating removed rem	B3	Are vehicles	and equipment	t switched off whi	ile not in use?				
Description	B4				.e. without black				
source(s): Vehicle/ Equipment Others:	B5	Any remedia	al action underta	aken?		\checkmark			
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? B14 Are there enclosures around the main dust-generating activities? C Noise N/A or not observed 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?	B6		dust	Wind eros	sion] Loading	g/ unloa	ding of materials
generation? Are dusty material covered or regularly watered? BY Are dusty materials sprayed prior to loading? BY Odorous materials immediately covered and promptly removed? BY Seneration of dust avoided during loading / unloading? BY Are loaded dump trucks covered appropriately? BY Are wheel washing facilities provided at all site exits? BY Are wheel washing facilities provided at all site exits? BY Are there enclosures around the main dust-generating activities? CNoise 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?							Others:		
Are dusty material covered or regularly watered?	B7			regularly to avoi	d dust			П	
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?	B8	-		or regularly wate	red?				
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?	B9	Are dusty m	aterials sprayed	prior to loading?	?				
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?	B10		iterials immedia	tely covered and	promptly	V			
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?	B11	Is generation	n of dust avoide	d during loading	/ unloading?				
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?	B12	Are loaded	dump trucks cov	ered appropriate	ely?				
activities? C Noise N/A or not observed	B13	Are wheel w	rashing facilities	provided at all si	ite exits?				
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?	B14		iclosures aroun	d the main dust-g	generating	V			
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?	С	Noise					Yes	No	Remarks / Photo
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?	C1			well maintained	and in good				
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?	C2	. •		or throttled down	1?				
Are noise barriers provided to protect Kwu Tung Road NSRs? The processive piling in the South Division is completed. Do air compressors have valid noise labels? The processive piling in the South Division is completed. The processive piling in the South Division is completed. The processive piling in the South Division is completed.	C3			uipment covered	I or shielded by				
C6 Do air compressors have valid noise labels? C7 Do compressors operate with doors closed?	C4	Are silenced	l equipment use	d where practica	ble?				
C6 Do air compressors have valid noise labels? C7 Do compressors operate with doors closed?	C5	Are noise ba	arriers provided	to protect Kwu T	ung Road NSRs?	\checkmark			
	C6	Do air comp	ressors have va	alid noise labels?					
C8 Major noise source(s):	C7	Do compres	sors operate wi	th doors closed?					
	C8	Major noise	source(s):	✓ Traffic					
Construction activities inside of site				✓ Constructi	ion activities inside of	f site			
Construction activities outside of site				Constructi	on 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?				
D3	With silt retention pond?		\checkmark		
D4	Do permanent drainage channels have: Sediment basin?				
D5	Traps and baffles?	\checkmark			
D6	Is groundwater pumped out discharged via sediment traps / tanks?		\checkmark		
D7	Are there sediment tanks for settling runoff prior to disposal?		\checkmark		Refer to Note 2 and 3
D8	Constructed from pre-formed individual cells?		\checkmark		
D9	Adequate capacity?				
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?		$\sqrt{}$		
D15	Is exposed earth stabilized after earthworks have been completed?				
D16	Are exposed slope surfaces covered (by tarpaulin or other means)?		$\overline{\mathbf{V}}$		
D17	Are open stockpiles of more than 50 m ³ 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?		$\overline{\mathbf{V}}$		
D21	Is wastewater discharge license available for inspection?		$\overline{\mathbf{V}}$		
D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\mathbf{V}}$		
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?	\checkmark			
D24	Is there any sediment plume observed in nearby watercourses?	V			
Ε	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
- 4	General Refuse	 1			
E1	Accumulation avoided?				Refer to Note No. 1
E2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?		V		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		$\overline{\checkmark}$		

Contra	act No. HY/2004/09 Improvements to San Tin Interc	change			E	nviron	mental Site Inspection Checklist
							Report No. 078
E5	Labelled properly?				\checkmark		
E6	Disposed of properly?						
E7	Trip tickets available for inspection?				\checkmark		
E	Waste / Chemical Management			or not erved	Yes	No	Remarks / Photo
- 0	Chemical / Fuel Storage Area			_		 1	
E8	Is storage area bunded?				$\overline{\mathbf{A}}$	Ш	
E9	Adequate bund capacity? (>110% of the largest ta	•			$\overline{\mathbf{A}}$		
E10	Are storage areas provided with locks and located areas?	on sealed			$\overline{\mathbf{A}}$		
 44	Construction Waste			·1	12(1	
E11	Reused where practicable?			Ш	$ \mathbf{A} $		For temporary access road paving.
E12	Disposed of properly?						
E13	Are surplus inert materials being reused where pra	actical as an				П	Stockpiles at N1 storage
	alternative to ordering imported fill material?			ш	ب	ш	area are used as backfill
E14	Trip tickets available for inspection?			П			material.
	·			Ll			
E15	Excavated Materials Appears uncontaminated? (colour, odour)			П		П	Contaminated material
	(4333)						excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedure	s followed?			\square		Contaminated material excavated from Site A is temporarily stockpiled onsite, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of waste or excavated materials available for inspect						
F	Environmental Complaint						Remarks
F1	Number of environmental complaint received from	<u>l5/12/2006</u>	to	<u>2//12</u>	2/2006	0	
G	General Housekeeping		N/A o		Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito prevented?	breeding			$\overline{\mathbf{V}}$		
G2	Are defined boundaries of working areas identified loss of vegetation?	I to prevent			$ \sqrt{} $		
Н	Landscape and Visual		N/A o		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?						

							Report No. 078		
1	Land Contamination		N/A or no observe		Yes	No	Remarks / Photo		
11	Is protective equipment during exposure to pote	t (gloves, mask) provided for site staff ential contaminated soil/ groundwater?	V	7			Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.		
12	Is the contaminated soil soil?	il segregated from the uncontaminated			\square		Conteminated material excavated from Site A is stockpiled separately within Site A.		
13	Are the stockpiles of co	ontaminated soil covered appropriately?]	☑		Stockpile of excavated arsenic-containing soil is generally covered.		
						,	Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.		
Ni.t.	11	Dt.			~				
	/ Issues Recorded On				.				
	. C&D waste (wooden debris) was observed to have been accumulated at the South Abutment works area in N1 Division. General refuse (plastic bottles) were observed at N1 open lay-down area in N1 Division and Slip Road E works area in N2 Division.								
2.	Stagnant water was ob Division.	served to have been accumulated in unu	sed sedim	entat	ion ba	sins at	N1 open lay-down area in N1		
3.	Site runoff (wastewater sedimentation.	from wheel washing facility) was observed	d to be dis	chan	ged int	to EMD	C directly without treatment by		
Correr	tive Actions – Mitigati	on Measures Implemented or Proposed	lif sault						
1.	The Contractor is remin-	ded to collect, store and dispose of C&D w		ariy.	Genera	al refus	ed generated on site should be		
	cleaned up daily to keep	*					·		
2 & 3.	The Contractor is remin	ded to clear up the stagnant water and trea	at wastewa	ter p	rior to	dischar	ge.		
Inspec	ted by:	K. L. Cheung	Title:I	Envir	onmer	ital Tea	m		
Signatu	ure:	Chevry Kam Long	Date:	19 th (Decem	ber 200	96		
Repres	entative of Contractor:	Jeffrey Tang	Title: _!	Envir	onmer	ital Eng	ineer		
Signatu	ıre;	4	Date:		28	De	cob		
Review	red and approved by:	Susana Bezy	Title:I	Envir	onmer	ilal Tea	m Leader		
Signatu	ure:		Date:	2	7/1	2/0	1 6		

Site: (Contract No. I	1Y/2004/09 - Im	provements to San ⁻	Fin Interchange				1 topol (140, 070
Inspection Date:		28th December 2006 Inspected B		y: K. L. Che		neung, H	oward Chan	
Time:		14:30		Weather Co	ndition:	Sunny		
Α	General				N/A or no		No	Remarks / Photo
A1	Is the Enviro	onmental Permit	displayed at the ent	trances / exits?				
В	Air Quality				N/A or no		No	Remarks / Photo
B1	ls open burr	ning avoided?						
B2	Are complet	ed earthworks s	ealed as soon as pr	acticable?				
B3	Are vehicles	and equipment	switched off while n	ot in use?				
B4		d equipment we powered plant)	ll maintained? (i.e. v	vithout black				
B5	Any remedia	al action underta	ken?					
B6	Observable source(s):	dust	Wind erosion			Loadi	ng/ unioa	ading of materials
	• •		Vehicle/ Equi	pment		Other	S;	
B7	Are unpaved generation?		regularly to avoid di	ust				
B8	Are dusty m	aterial covered	or regularly watered	?				
B9	Are dusty m	aterials sprayed	prior to loading?					
B10	Odorous maremoved?	iterials immedial	ely covered and pro	mptly				
B11	ls generatio	n of dust avoide	d during loading / un	loading?				
B12	Are loaded	dump trucks cov	ered appropriately?					
B13	Are wheel w	ashing facilities	provided at all site e	exits?				
B14	Are there en activities?	iclosures around	I the main dust-gene	erating				
С	Noise				N/A or no		No	Remarks / Photo
C1	Are all plant operating co		well maintained and	in good				
C2	ls idle equip	ment turned off	or throttled down?					
C3	Are powered acoustic ma		uipment covered or	shielded by				
C4	Are silenced	equipment used	d where practicable?	?				
C5	Are noise ba	rriers provided t	o protect Kwu Tung	Road NSRs?	v			Percussive piling in the South Division is completed.
C6	Do air comp	ressors have va	lid noise labels?					
C7	Do compres	sors operate wit	h doors closed?		[v			
C8	Major noise	source(s):	✓ Traffic					
			Construction a	activities inside o	f site			
			Construction a	activities 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?		\checkmark		
D3	With silt retention pond?		\checkmark		WWW.
D4	Do permanent drainage channels have: Sediment basin?		\square		***************************************
D5	Traps and baffles?	\checkmark			
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?		$\overline{\mathbf{V}}$		
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?	\checkmark			***************************************
D13	Bypass to prevent flushing during periods of heavy rain?	\checkmark			
D14	Is drainage system well maintained?				Refer to Note No. 2 & 3
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 m ³ covered during rainstorm?		\checkmark		
D18	Are manholes covered and sealed?		$\overline{\mathbf{V}}$		
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?		$\sqrt{}$		
D22	Measures to prevent the washing away of sand/silt to drains?		\checkmark		
D23	Rainy Season Sediment control measures inspected and maintained after rainstorms?				
D24	Is there any sediment plume observed in nearby watercourses?				
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
- 4	General Refuse	}			
E1	Accumulation avoided?		$\overline{\mathbf{A}}$		Refer to Note No. 1
E2	Receptacles (e.g. rubbish bins) available?			<u></u>	
E3	Disposed of regularly and properly?	***************************************	\checkmark		
E4	Chemical Waste / Waste Oil Stored properly in designated area?		\checkmark		

						Report No. 079
E5	Labelled properly?			$\overline{\mathbf{V}}$		
E6	Disposed of properly?			$\overline{\mathbf{V}}$		
E7	Trip tickets available for inspection?	[
E	Waste / Chemical Management	N/A or r observe		Yes	No	Remarks / Photo
E8	Chemical / Fuel Storage Area Is storage area bunded?	Γ		V		
E9	Adequate bund capacity? (>110% of the largest tank)	L ľ				AULTERIOR TO THE PROPERTY OF T
E10	Are storage areas provided with locks and located on sealed areas?	[$\overline{\mathbf{V}}$		
	Construction Waste					***************************************
E11	Reused where practicable?			$\overline{\checkmark}$		For temporary access road paving.
E12	Disposed of properly?			$\overline{\mathbf{V}}$		Refer to Note No. 2
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	Ľ		$\overline{\checkmark}$		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	[$\overline{\mathbf{V}}$		
	Excavated Materials					*
E15	Appears uncontaminated? (colour, odour)					Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures followed?	[.				Contaminated material excavated from Site A is temporarily stockpiled onsite, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
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 22/12/2006	to	28/12	2/2006	0	
G	General Housekeeping	N/A or n observe		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 no		Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?					
H2	Is the work site confined within site boundaries?			$\sqrt{}$		
НЗ	Is damage to surrounding areas avoided?			$\sqrt{}$		

							Report No. 079			
1	Land Contamination		N/A or r		Yes	No	Remarks / Photo			
	Is protective equipmen during exposure to pot	t (gloves, mask) provided for site staff ential contaminated soil/ groundwater?		<u></u>			Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.			
12	Is the contaminated so soil?	il segregated from the uncontaminated					Contaminated material excavated from Site A is stockpiled separately within Site A.			
13	Are the stockpiles of co	ontaminated soil covered appropriately?	[V		Stockpile of excavated arsenic-containing soil is generally covered.			
				•		_	Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.			
-										
Note	s / Issues Recorded On	Site:				~				
1.	General refuse (plastic beside Castle Peak Roa	bottles, plastic bags) was observed to ad.	have been	acc	umulate	ed at th	e site entrance of N2 Division			
2.	A drain ditch beside Ple	r B7 in South Division was observed to ha	ave been bi	locke	d by so	oil and	construction materials.			
3.	the state of the s									
Corre	ective Actions - Mitigati	on Measures Implemented or Propose	d (if any):							
1.		ted on site should be cleaned up daily to	,	site t	idiness.					
2.	Soil and construction materials inside the drain should be removed to keep smooth water flow. The Contractor should properly store all stockpile and construction materials at the designated storage area. Stockpile should be well covered with tarpaulin.									
3.	Stagnant water should be cleared up promptly to prevent mosquito breeding.									
Inspe	cted by:	K. L. Cheung	Title:	Env	ironmei	ntal Tea	ım			
Signature:		Cherry Kam Lay	Date: _	28 th	Decem	ber 200	96			
Representative of Contractor:		Jeffrey Tang	Title: _	Envi	ironmer	ital Eng	ineer			
Signature:		<u>d</u>	Date: _		2	JAN.	0			
Reviewed and approved by:		Susana Bezy	Title: _	Envi	ronmer	ıtal Tea	m Leader			
Signal	ture:		Date:		2/	1/0	7			