Report No. 067 Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange Inspection Date: 5th October 2006 Inspected By: K. L. Cheung Time: 14:30 Weather Condition: Sunny A General N/A or not Yes No Remarks / Photo observed Is the Environmental Permit displayed at the entrances / exits? A1 В Alr Quality NIA or not Yes No Remarks / Photo observed В1 Is open burning avoided?  $\overline{\mathsf{V}}$ B2  $\square$ Are completed earthworks sealed as soon as practicable? **B3** Are vehicles and equipment switched off while not in use? M **B**4 Are plant and equipment well maintained? (i.e. without black  $\checkmark$ smoke from powered plant) B5 ... Any remedial action undertaken? V 86 Observable dust Wind erosion Loading/ unloading of materials source(s): Vehicle/ Equipment Movements Others: Are unpaved areas watered regularly to avoid dust generation? **B7** В8 Are dusty material covered or regularly watered? В9 Are dusty materials sprayed prior to loading? B10 Odorous materials immediately covered and promptly removed? B11 is generation of dust avoided during loading / unloading?  $\square$ B12 Are loaded dump trucks covered appropriately?  $\nabla$ B13  $\sqrt{}$ Are wheel washing facilities provided at all site exits? **B14** Are there enclosures around the main dust-generating activities?  $\nabla$ Dust enclosure provided at the bored-pilling areas. C No Remarks / Photo Noise N/A or not Yes observed C<sub>1</sub> Are all plant and equipment well maintained and in good operating condition? Is idle equipment turned off or throttled down? C2 C3Are powered mechanical equipment covered or shielded by ablaacoustle materials? C4 Are silenced equipment used where practicable? C5 Are noise barriers provided to protect Kwu Tung Road NSRs? Percussive plling in the South Division is completed. C6 Do air compressors have valid noise labels? C7 Do compressors operate with doors closed? C8 Major noise source(s): Traffic Road traffic on San Tin Highway and Fanling Construction activities inside of site Highway. Construction activities outside of site Others:

D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate?		$\checkmark$		
D2	Are there temporary ditches for runoff discharge into appropriate: Watercourse?				
D3	With silt retention pond?				
04	Do permanent drainage channels have: Sediment basin?		$\checkmark$		
D5	Traps and baffles?	$\checkmark$			
D6	Is groundwater pumped out discharged via sediment traps / tanks?		$\checkmark$		•
<b>D</b> 7	Are there sediment tanks for settling runoff prior to disposal?				
D8	Constructed from pre-formed individual cells?		$\checkmark$		
D9	Adequate capacity?		$\overline{\mathbf{V}}$		
D10	Free from silt and sediment?		$\checkmark$		
D11	Are there oil interceptors in drainage system?	$\checkmark$			
D12	Oil and grease removed regularly?:				
D13	Bypass to prevent flushing during periods of heavy rain?	$\overline{\mathbf{V}}$			
D14	Is drainage system well maintained?		$\overline{\mathbf{A}}$		
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 <sup>3</sup> covered during rainstorm?		$\overline{\mathbf{V}}$		
D18	Are manholes covered and sealed?				
D19	Tailet that connects to foul sewer or chemical tollets provided?		V		
D20	Is debris and rubbish on site collected and disposed of properly?		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?	$\checkmark$			
D24	Is there any sediment plume observed in nearby watercourses?	$\checkmark$			
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
	General Refuse	·			Rafer to Note No. 1
E1	Accumulation avoided?				Raier to Note No. 1
E2	Receptacles (e.g. rubbish bins) available?	اــــا ا			· · ·
E3	Disposed of regularly and properly?		V		
E4	Chemical Waste / Waste Oil Stored properly in designated area?				
E5	Labelled properly?				
E6	Disposed of properly?				
Ē7	Trip tickets available for Inspection?				

Ē	Waste / Chemical Management			N/A or not observed	Yes	No	Remarks / Photo
E8	Chemical / Fuel Storage Area Is storage area bunded?				<b>V</b>		•
E9	Adequate bund capacity? (>110% of the	largest tank)			$\overline{\mathbf{V}}$		
E10	Are storage areas provided with locks areas?	nd located on sea	led				
£11	Construction Waste Reused where practicable?	·			V		For temporary access road paving
<b>E1</b> 2	Disposed of properly?	•			V		
E13	Are surplus inert materials being reused alternative to ordering imported fill mate		ns an		V		Stockpiles at N1 storage area for backfilling.
E14	Trip tickets available for inspection?				$\checkmark$		
E15	Excavated Materials Appears contaminated? (colour, odour)	:					
E16	If suspected contaminated, appropriate	procedures follow	ved?				
E17	Relevant ficense/permit/trip tickets for d waste or excavated materials available	isposal of constru for inspection?	iction		V		
F F1	Environmental Complaint Number of environmental complaint rec	eived from 29	19/2006	to <u>5/10/2</u>	<u> 2006</u> :	0	Remarks
G	General Housekeeping			N/A or not	=	Na	Remarks / Photo
G1	Are potential stagnant pools cleared an prevented?	d mosquito breed	ling	observed			Refer to Note No. 2
G2	Are defined boundaries of working area of vegetation?	as identified to pre	asol tneve				-
н	Landscape and Visual	•		N/A or no observed		No	Remarks / Photo
H1	Are retained trees protected by fencing	ri -					
H2	Is the work site confined within site box	undaries?					•
НЗ	Is damage to surrounding areas avoids	∍d?	·				
1	Land Contamination	•		NiA or no observed		No	Remarks / Photo
11	Is protective equipment (gloves, mask) exposure to potential contaminated so	) provided for site il/groundwater?	staff during				
12	is the contaminated soil segregated from		inated soil?				
13	Are the stockpiles of contaminated soi	I covered approp	riately?				

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### Notes / Issues Recorded On Site:

- C& D waste (wooden debris) and rubbish (plastic bottles and soft drink cans) were observed to have been accumulated at Slip Road B in South Division, Slip Road E and South Abutment works area in N2 Division.
- Stagnant water pools were observed to have been accumulated at several locations: between pile cap BP27 and BP29 in N2 Division; unused U-channel; and inside unused sedimentation basins in South Abutment works area in N1 Division.

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

- 1. C& D waste should be stored and disposed of regularly. General refuse generated on site should be cleaned up daily to keep good site tidiness.
- Stagnant water pools should be cleared promptly to prevent mosquito breeding. Unused sedimentation basin should be placed up-side-down to prevent stagnant water accumulation.

Inspected by:	K. L. Cheung	Title: Environmental Team
Signature:	Chang Kan Lay	Date: 6th October 2006
Representative of Contractor:	Billy Lam	Title: Senior Coordinator
Signature:	24	Date: 9/10/06.
Reviewed and approved by:	Susana Bezy	Title: Environmental Team Leader
Signature:		Date: 9/10/06

Inspection Date: Time:				Inspected By: Weather Condition:		K. L. Cheung, How Sunny			iro Chan
A	General				N/A o		Yes	No	Remarks / Photo
A1	Is the Envir	nmental Perm	it displayed at the entran	oos Levito?	opse	rved		l1	
			rashaten arme ettian	COST EXILST		Ш	$\overline{\mathbf{A}}$	Ш	
8	Air Quality		,		N/A o obse		Yes	No	Remarks / Photo
<b>B</b> 1	,	ning avoided?					$ \mathbf{V} $		
B2	Are comple	ted earthworks	sealed as soon as practi	cable?					
B3	Are vehicles	and equipmer	t switched off while not to	n use?			$\checkmark$		
B4	Are plant an	id equipment w powered plant	ell maintained? (i.e. with	out black			$\checkmark$		
B5		al action undert				$\overline{\mathbf{V}}$		П	
68	Observable	dust	Wind erosion	-		oading	/ unloa	ding of r	naterials
	source(s):		✓ Vehicle/ Equipme	etnemevoM for		thers:			
В7	Are unpavad	d areas watered	regularly to avoid dust (		Ш °		<u> </u>	<u></u>	
88			or regularly watered?	9011011110111			<u>[V]</u>		
В9			d prior to loading?						
B10			itely covered and prompt	Uv removed?					
B11			ed during loading / unload	•			<u> </u>		
812			rered appropriately?	3.			<b>V</b>		
B13		-	provided at all site exits	?			<u>.</u>		
B14			d the main dust-generati			<u> </u>			
С	Noise		-	•	N/A or	_	Yes	No.	Ramarks / Photo
C1			. N. 42.1. 2.1.		obser		165	110	170mgrks / Fileto
υı	condition?	auo ednibweui	well maintained and in g	toog obetaguð			$\overline{\mathbf{A}}$		
C2			or throttled down?				V		
C3	Are powered acoustic mat		pulpment covered or shie	elded by			$\checkmark$		
C4			d where practicable?				$\sqrt{}$		,
C5	Are noise ba	rriers provided	to protect Kwu Tung Roa	ad NSRs?		<u></u>			Percussive piling in ti
C6	Do air comp	ressors have va	alid noise labels?				$\overline{\mathbf{A}}$		South Division is con
C7			th doors dosed?						
C8	Major noise :		√ Traffic			ن	Ц	لسل	Road traffic on San 1
	•		Construction activ	ritles inside of site	e				Highway and Fanling Highway.
			Construction activ						inguway.

Page 1 of 4

	D	Water Quality	N/A or not observed	Yes	No	Remarks / Photo
	Ð٦	Is drainage system adequate?		$\checkmark$		
	D2	Are there temporary ditches for runoff discharge into appropriate: Watercourse?		V		
	D3	With slit retention pond?		abla		•
	D4	Do permanent drainage channels have: Sediment basin?		$\overline{\mathbf{V}}$		
	D5	Traps and bafiles?	V			
	D6	Is groundwater pumped out discharged via sediment traps / tanks?		V		
	<b>D</b> 7	Are there sediment tanks for settling runoff prior to disposal?		$\checkmark$		
	D8	Constructed from pre-formed individual cells?		$\overline{\mathbf{V}}$		
	D9	Adequate capacity?		<u> </u>	$\overline{\Box}$	
	D10	Free from silt and sediment?		<u></u>	$\overline{\sqcap}$	
$\bigcirc$	D11	Are there oil interceptors in drainage system?	V			
	D12	Oil and grease removed regularly?				
	D13	Bypass to prevent flushing during periods of heavy rain?	<u>-</u>			
	D14	Is drainage system well maintained?				
	D15	Is exposed earth stabilized after earthworks have been completed?		$\overline{\square}$		
	D16	Are exposed slope surfaces covered (by tarpaulin or other means)?				<u> </u>
	D17	Are open stockpiles of more than 50 m³ covered during rainstorm?		$\overline{\mathbf{V}}$		
	D18	Are manholes covered and sealed?		$ \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?				
$\bigcirc$	D22	Measures to prevent the washing away of sand/silt to drains?		$\overline{\checkmark}$		- · · · · · · · · · · · · · · · · · · ·
$\bigcirc$	D23	Rainy Season Sadiment control measures inspected and maintained after	$\square$			
	D24	rainstorms?  Is there any sediment plume observed in nearby watercourses?	<b>V</b> 1	$\Box$	П	
	E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
		General Refuse	ODJE! VEG			
	E1	Accumulation avoided?				
	E2	Receptades (e.g. rubbish bins) available?				
	E3	Disposed of regularly and properly?		$\square$		
		Chemical Waste / Weste Oil	_	_	_	
	E4	Stored properly in designated area?		$\overline{\square}$		Refer to Note No. 1
	E5	Labelled properly?		$\overline{\square}$		
	E6	Disposed of properly?		$\overline{\square}$		
	E7	Trip tickets available for inspection?		$\overline{\mathbf{V}}$		

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	E	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
		Chemical / Fuel Storage Area				
	E8	Is storage area bunded?		V	П	•
		<del>-</del>	لسا 	<u> </u>	اسا	
	E9	Adequate bund capacity? (>110% of the largest tank)		$\checkmark$		
	E10	Are storage areas provided with locks and located on sealed areas?		$\checkmark$		
		Construction Waste				•
	E11	Reused where practicable?		V		For temporary access road paving.
	E12	Disposed of properly?		V		
	E13	Are surplus Inert materials being reused where practical as an	П	$\overline{V}$		Stockpiles at N1 storage
		alternative to ordering imported filt material?	ت ا	ليا	لسينا	area for backfilling.
_	E14	Trip tickets available for inspection?		V		
ノ		Excavated Materials				
	E15	Appears contaminated? (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				Remarks
	F F1	Environmental Complaint  Number of environmental complaint received from 6/10/2006	to <u>12/10/2</u>	006 :	0	Remarks
			to <u>12/10/2</u>	006 : Yes	0 No	Remarks Remarks / Photo
	F1	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding			No	Remarks / Photo
	F1 G G1	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?	N/A or not			
	F1 G	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding	N/A or not		No	Remarks / Photo
	F1 G G1	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss	N/A or not observed	Yes	No	Remarks / Photo
)	<b>G</b> G1 G2	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?	N/A or not observed	Yes	No V	Remarks / Photo Refer to Note No. 2
)	F1 G G1 G2 H	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual	N/A or not observed	Yes Yes	No V	Remarks / Photo Refer to Note No. 2
)	F1 G G1 G2 H	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual  Are retained trees protected by fencing?	N/A or not observed	Yes  Yes	No V	Remarks / Photo Refer to Note No. 2
)	F1 G G1 G2 H H1 H2	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual  Are retained trees protected by fencing?  Is the work site confined within site boundaries?	N/A or not observed  N/A or not observed	Yes  Yes	No V	Remarks / Photo Refer to Note No. 2
)	F1 G G1 G2 H H1 H2 H3	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual  Are retained trees protected by fencing?  Is the work site confined within site boundaries?  Is damage to surrounding areas avoided?	N/A or not observed  N/A or not observed	Yes  Yes  Yes	No No	Remarks / Photo Refer to Note No. 2  Remarks / Photo
)	F1 G G1 G2 H H1 H2 H3	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual  Are retained trees protected by fencing?  Is the work site confined within site boundaries?  Is damage to surrounding areas avoided?  Land Contamination  Is protective equipment (gloves, mask) provided for site staff during	N/A or not observed  N/A or not observed	Yes Yes Yes Yes Yes	No No	Remarks / Photo Refer to Note No. 2  Remarks / Photo
)	F1 G G1 G2 H H1 H2 H3 I	Number of environmental complaint received from 6/10/2006  General Housekeeping  Are potential stagnant pools cleared and mosquito breeding prevented?  Are defined boundaries of working areas identified to prevent loss of vegetation?  Landscape and Visual  Are retained trees protected by fencing?  Is the work site confined within site boundaries?  Is damage to surrounding areas avoided?  Land Contamination  Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	N/A or not observed  N/A or not observed	Yes Yes Yes Yes Yes	No No	Remarks / Photo Refer to Note No. 2  Remarks / Photo

## Notes / Issues Recorded On Site:

- Small amount of spent lubricant stored in a plastic container was found to be leaking onto the concrete-paved ground at Slip Road 8 works area in South Division.
- Stagnant water pools were observed to have been accumulated at several locations; between pile cap BP27 and BP29 in N2
  Division and inside unused sedimentation basins in South Abutment works area in N1 Division.

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

- The Contractor was asked to clean up the leaked spent oil by using oil absorbent. The Contractor was reminded to remove spent lubricant after use.
- Stagnant water pools should be cleared promptly to prevent mosquito breeding. Unused sedimentation basin should be placed up-side-down to prevent accumulation of water.

	Inspected by:	K, L. Cheung	Tide:	Environmental Team
	Signature:	Cherry Kam Lay	Date:	12 <sup>th</sup> October 2008
	Representative of Contractor:	Jeffrey, Tang	Title:	Environmental Engineer
	Signature:	<u>-4</u> .	Date:	16 (10 106
	Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader
•	Signature:		Date:	16/10/06

									Report No. 069
Site: Co	ntract No. H		wements to San Tin I	nterchange		V I C	haune	Hower	d Chan
inspect	ion Date:	17ካ October 200	6	Inspected By:	ian:	Sunny		, 1 10 44 (1)	O Official
Time:		14:30		Weather Condit					Remarks / Photo
A :	General		<del></del>			r not irved	Yes	No	Remarks / Prioto
À1	Is the Envir	onmental Permit d	isplayed at the entrar	nces / exits?			V		
В	Air Quality	,				or not erved	Yes	No	Remarks / Photo
B1	•	ming avoided?							
В2	Are comple	eted earthworks se	ealed as soon as prac	ticable?			V		
В3°	Are vehicle	es and equipment :	switched off while not	in use?			$   \sqrt{} $		
В4	Are plant a	and equipment we	Il maintained? (i.e. wit				$   \sqrt{} $		
	smoke fro	m powered plant) dial action underta		·		$\checkmark$			
85 86	Observab		Wind erosion			Loadin	g/ unlo	ading of	materials
-	source(s):		✓ Vehicle/ Equip	ment Movements		Others		_	
В7	Are unpa	ved areas watered	regularly to avoid du	st generation?					
B8			or regularly watered?				$\checkmark$		
B9			d prior to loading?						
B10	Odorous	materials immedia	etely covered and pro	mptly removed?		V		] [	]
B10			ed during loading / un				<b>√</b>		]
B12			overed appropriately?				<b>√</b>	1 [	]
B13			s provided at all site				<b>V</b>	1 [	]
			nd the main dust-gen			<b>√</b>	1 [	] [	]
B14		e eliciodatos mos		-	_	l/A or no	at Ye	8 N	lo Remarks / Photo
c	Noise				(	observe	d 	~ F	· ¬
C1	Are all i	plant and equipme	nt well maintained an	d in good operating	g	L	يا ل		
C2	conditions to the second	on : equipment turned (	off or throttled down?					<b>Z</b> [	
C3	Are po	wered mechanical	equipment covered of	or shielded by				7 [	·
	acoust	ic materials?	used where practicab			Γ	] [	<b>7</b> [	
. C4	Are sile	enceo equipment t	ed to protect Kwu Tui	ng Road N\$Rs?		Ţ.	_		Percussive piling in the
C				-		-	` '	71	South Division is complete
С	6 Do air	compressors have	e valid noise labels?			[		<b>√</b>	
С	7 Do co	mpressors operate	with doors closed?				<b>√</b> ]		
. 0	g Major	noise source(s):	▼ Traffic						
				on activities inside					
			Constructi	on activities outsic	le of si	le			,
			Others:						

	Mator	; ' Quality		or not erved	Yes	No	Remarks / Photo
D			000.		V		·
D1	is drai	inage system adequate? nere temporary ditches for runoff discharge into appropriate:			<u> </u>	<del></del>	
2ם		rcourse?					
D3	With s	silt retention pond?	•				
D4	Do pe	ermanent drainage channels have; Sediment basin?					
D5		Traps and baffles?			M		
D6	ls gr	roundwater pumped out discharged via sediment traps / tanks?					
70	Are	there sediment tanks for settling runoff prior to disposal?		· []			, ]
D8		Constructed from pre-formed individual cells?			)   []		
D9		Adequate capacity?		_ <u>_</u>	, <u>v</u>		,
D11		Free from silt and sediment?		V	- <del>-</del>		1
D1	1 Are	e there oil interceptors in drainage system?		V		) L ] [	
D1	2	Oil and grease removed regularly?		[v		, L	-/
D1	13	Bypass to prevent flushing during periods of heavy rain?		[ <u>v</u>		4 F	
D'	14 ls	drainage system well maintained?	15	L			
. D	15 Is	exposed earth stabilized after earthworks have been complete	:d'?	L F			
D	16 A	re exposed slope surfaces covered (by tarpaulin or other mean	15)?	l. T			
C	)17 A	are open stockpiles of more than 50 m <sup>3</sup> covered during rainstor	m'?	Į. I		7 [	<u> </u>
·	18 A	Are manholes covered and sealed?		ļ			LJ
ĺ	019 7	Toilet that connects to foul sewer or chemical toilets provided?				<b>☑</b> │	
,	D20 I	Is debris and rubbish on site collected and disposed of properly	/?		·	<u>√</u>	
	D21	Is wastewater discharge license available for inspection?				<u>*</u>	
	D22	Measures to prevent the washing away of sand/silt to drains?				<u></u>	
	D23	Rainy Season Sediment control measures inspected and maintained after					
	<u>µ</u> 23	^	5?		<b>V</b>		
	D24	rainstorms? Is there any sediment plume observed in nearby watercourse		NJA .	ar not	Yes	No Remarks / Photo
	E	Waste / Chemical Management			erved	103	
		General Refuse					
•	E1	Accumulation avoided?					
	E2	Receptacles (e.g. rubbish bins) available?				$   \sqrt{} $	
•	E3	Disposed of regularly and properly?					
	<b>E</b> 4	Chemical Waste / Waste Oil Stored properly in designated area?					. U
	E5	Labelled properly?				₩   	
	E6	Disposed of properly?			<b>└</b> ~		
	<b>E</b> 7	Trip tickets available for inspection?			L	<u> </u>	

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	/·					
E	Waste / Chemical Management	N/A or not observed	Yes	No	Remai	ks / Photo
<u>.</u> د .	Chemical / Fuel Storage Area Is storage area bunded?		V			
E8 ;	Adequate bund capacity? (>110% of the largest tank)		V			
E10	Are storage areas provided with locks and located on sealed areas?	L				
E11	Construction Waste Reused where practicable?		] [		For pavi	temporary access road
E12	Disposed of properly?			7 [ 7 [	Stor	ckpiles at N1 storage
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	L	۰ د	<b>⊻</b>   . L	are:	a for backfilling.
E14	the feet inapportion?	;^ <b>_</b> _	ן נ	IJ L	J	
E15			]		]	·
E18	If suspected contaminated, appropriate procedures followed?	. <u>\</u>	<u>√</u> ]		- - -	
E17	7 Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	l		MY L		emarks
<b>F</b> F1	Environmental Complaint  Number of environmental complaint received from 13/10/2	006 to <u>17</u>	<u>110/20</u>	,	0	
G	General Housekeeping	N/A or obser			No R ─	emarks / Photo
G	Chotage	Mana			_ 	
G	nsystem in the second s		الـا			Remarks / Photo
H		N/A c obse		Yes	, . 	· ·
۲	Are retained trees protected by fencing?			<u>.</u>	$\Box$	
	ls the work site confined within site boundaries?			$\overline{\mathbf{V}}$		
t	H3 Is damage to surrounding areas avoided?	NΑ	or not	Yes	No -	Remarks / Photo
	Land Contamination	obs	erved		П	Basic personal protective
	Is protective equipment (gloves, mask) provided for site state exposure to potential contaminated soil/ groundwater?	ni Quing	153			equipment has been provided for workers when handling excavated arsenic- containing soil.
•	12 Is the contaminated soil segregated from the uncontaminated	ted soil?				
	13 Are the stockpiles of contaminated soil covered appropria	tely?	<b>√</b>			Stockpiles of excavated arsenic-containing soil were covered.

Notes / Issues Recorded On S	ito:	
No specific environmental issue	s were recorded during the ins	pection.
	•	
Corrective Actions - Mitigation	on Measures Implemented or	Proposed (if any):
NII		•
Inspected by:	K. L. Cheung	Title: Environmental Team
mspecied of-	01 21 0	
Signature:	Cheung Kamday	Date: -21st October 2006
•		Title: Environmental Engineer
Representative of Contractor:	Jeffrey Tang	IIII ETHIOTIMENE ENGINES
Clandura		Date: 24 007 06
Signature:		
Reviewed and approved by:	Susana Bezy	Title: Environmental Team Leader
		Date: 24/10/00
Signature:		Date:

	ction Date:	· · · · · · · · · · · · · · · · · · ·		in Interchange Inspected By:		K. L. (	Chaung,	Howar	d Chan
Time:		14:30		Weather Condi	tion:	Sunny			
A	General					or not arved	Yes	No	Remarks / Photo
A1	ls the Envir	onmental Permit	displayed at the ent	rances / exits?	UUS		$\checkmark$		
В	Air Quality					or not erved	Yes	No	Remarks / Photo
B1	ls open bur	ning avoided?							
B2	Are comple	eted earthworks s	ealed as soon as pi	acticable?					
B3	Are vehicle	s and equipmen	t switched off while t	not in use?			$   \sqrt{} $		
B4		nd equipment wa n powered plant)	ell maintained? (i.e.	without black					
B5		lal action undert		•		V			
B6	Observable	e dust	Wind erosion	)		Loading	/ unload	ing of r	naterials
	source(s):		✓ Vehicle/ Equ	ipment Movements	П	Others:			,
B7	Are unpav	ed aréas watered	I regularly to avoid s	•		П	<b>V</b>		
88	•		or regularly watered				$\overline{V}$		Refer to Notes No. 1 & 2
B9	•		d prior to loading?				$\checkmark$		
B10			ately covered and pr	omptly removed?		V			
B11			ed during loading / u				$\checkmark$		
B12	Are loaded	dump trucks co	vered appropriately	?			$   \sqrt{} $		
B13	Are wheel	washing facilitie	s provided at all site	exits?			$\checkmark$		
B14	Are there	enclosures arour	id the main dust-gei	nerating activities?					
С	Noise					or not served	Yes	No	Remarks / Photo
C1	Are all pla	nt and equipmer	it well maintained ar	nd in good operating			V		
C2			f or throttled down?	•					
C3	Are power acoustic n		quipment covered o	or shielded by					
Ç4	Are silenc	ed equipment us	ed where practicab	e?			$\overline{\checkmark}$		
Ç5	Are noise	barriers provide	d to protect Kwu Tur	ng Road NSRs?					Percussive piling in the South Division is complete
C6	Do air cor	npressors have	valid noise labels?				$\sqrt{}$		
C7	Do compr	essors operate v	vith doors closed?						
C8	Majornois	зе зоигсе(з):	✓ Traffic						
			Construction	n activities inside of	site				
			Construction	on activities outside o	f site				
			Others:						

Ð	Water Quality	N/A or not	Y88	No	Remarks / Photo
D1	Is drainage system adequate?	observed	V	П	•
0.	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?	$\checkmark$			
D6	Is groundwater pumped out discharged via sediment traps / tanks?		$\checkmark$		
D7	Are there sediment tanks for settling runoff prior to disposal?				
D8	Constructed from pre-formed individual cells?				
D9	Adequate capacity?		$\checkmark$		
D10	Free from silt and sediment?		$\overline{\mathbf{A}}$		
D11	Are there oil interceptors in drainage system?	V			
D12	Oil and grease removed regularly?	$\overline{\mathbf{V}}$			•
D13	Bypass to prevent flushing during periods of heavy rain?	$\checkmark$			
D14	Is drainage system well maintained?		$\overline{\checkmark}$		
D15	Is exposed earth stabilized after earthworks have been completed?				
D16	Are exposed slope surfaces covered (by tarpaulin or other means)?		V		Refer to Notes No. 1
D17	Are open stockpiles of more than 50 ms covered during rainsform?		$   \sqrt{} $		
D1B	Are manholes covered and sealed?		$\overline{\mathbf{A}}$		
D19	Toilet that connects to foul sewer or chemical toilets provided?		$\checkmark$		
D20	is debris and rubbish on site collected and disposed of properly?		$\overline{\mathbf{A}}$		
D21	Is wastewater discharge license available for inspection?		V		
D22	Measures to prevent the washing away of sand/silt to drains?				
D23					
D24	rainatorms? Is there any sadiment plume observed in nearby watercourses?	V		[-]	
E	Waste / Chemical Management	N/A or not	Yes	No	Remarks / Photo
	General Refuse				
E1	Accumulation avoided?				<u> </u>
Ę2	Receptacles (e.g. rubbish bins) available?				
E3	Disposed of regularly and properly?			L	
E4	<u>Chemical Waste / Waste Oil</u> Stored properly in designated area?				
E5	Labelled properly?				
E6	Disposed of properly?				
<b>E</b> 7	Trip tickets available for inspection?				].

<u>=</u>	Waste / Chemical Management	N/A or not observed	Yes	No	Remarks / Photo
≘8	Chemical / Fuel Storage Area Is storage area bunded?		<b>V</b>		,
Ξ9	Adequate bund capacity? (>110% of the largest tank)		$   \sqrt{} $		·
E10	Are storage areas provided with locks and located on sealed areas?				
E11	Construction Waste Reused where practicable?		$\checkmark$		For temporary access road paving.
E12	Disposed of properly?				
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?		$\square$		Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?		$ \mathbf{V} $		
	Excavated Materials	<u>-</u> 1	177	[]	Marked a marked to be
E15	Appears uncontaminated? (colour, odour)	Ш	<b>√</b> ]		Material proved to be contaminated at Site A, was excavated and stockpiled. See Item I below.
E16	If suspected contaminated, appropriate procedures followed?				
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?		$\square$		
F	Environmental Complaint				Remarks
F1	Number of environmental complaint received from 18/10/2006	to <u>26/10/2</u>	2006 :	0	
G	General Housekeeping	N/A or not observed	Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?		Ø		Refer to Note No. 3
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?		V		
Н	Landscape and Visual	N/A or not observed	Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?		$\checkmark$		
H2	is the work site confined within site boundaries?		$\checkmark$		
НЗ	Is damage to surrounding areas avoided?				
í	Land Contamination	N/A or not observed	Yes	No	Remarks / Photo
<b>1</b> 1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?				Besic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
12	Is the contaminated soil segregated from the uncontaminated soil?		V		Material proved to be contaminated at Site A, was excavated and segregated.

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V		Stockpile of excavated arsenic-containing soil were generally covered.	
		Material proved to be contaminated at Site A, was excavated and stockpiled properly.	

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#### Notes / Issues Recorded On Site:

- Tarpaulin covering the slope surface at South Abutment works area was found to be damaged.
- 2. The stockpile of excavated soil at N1 Open Lay-down area and M6 works area was not fully covered by tarpaulin.
- 3. Stagnant water was observed to have been accumulated inside the drip tray in the workshop near site office and Inside guilles along Slip Road E in N2 Division.

#### Other Observation:

A warning sign "Suspected contaminated soil" was identified at the stockpiling area at Site A where the proved contaminated material is slockpilled.

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

- The Contractor was reminded to replace the damaged tarpaulin.
- 2. Stockpile should be completely covered in order to prevent dust emission.
- Stagnant water should be cleared up promptly to prevent mosquito breeding.

#### Other Observation:

The Contractor has taken immediately action and the warning sign was removed. Warning signs indicating "Contaminated Soil" have been posted at the stockpiling area.

Inspected by:	K. L. Cheung	Title:	Environmental Team
Signature:	Chenny Kan Lay	Date:	26th October 2006
Representative of Contractor.	Jeffrey Tang	Title:	Environmental Englneer
Signature:	4.	Date:	310906
Reviewed and approved by:	Susana Bezy	Title:	Environmental Team Leader .
Signature:	of there.	Date:	31/10/06