

Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange

Inspection Date: 1st March 2007

Inspected By: K. L. Cheung, Howard Chan

Time: 14:30

Weather Condition: Cloudy

A	General	N/A or not observed	Yes	No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>B</b>	<b>Air Quality</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are completed earthworks sealed as soon as practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Are vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B6	Observable dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Loading/ unloading of materials		
		<input checked="" type="checkbox"/> Vehicle/ Equipment Movements	<input type="checkbox"/> Others:		
B7	Are unpaved areas watered regularly to avoid dust generation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B8	Are dusty material covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B9	Are dusty materials sprayed prior to loading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B10	Odorous materials immediately covered and promptly removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	Is generation of dust avoided during loading / unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are loaded dump trucks covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are wheel washing facilities provided at all site exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B14	Are there enclosures around the main dust-generating activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C</b>	<b>Noise</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
C1	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Do compressors operate with doors closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C8	Major noise source(s):	<input checked="" type="checkbox"/> Traffic			
		<input checked="" type="checkbox"/> Construction activities inside of site			
		<input type="checkbox"/> Construction activities outside of site			
		<input type="checkbox"/> Others:			

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



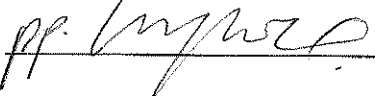
E Waste / Chemical Management		N/A or not observed	Yes	No	Remarks / Photo
<u>Chemical / Fuel Storage Area</u>					
E8	Is storage area bunded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Construction Waste</u>					
E11	Reused where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	For temporary access road paving.
E12	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Excavated Materials</u>					
E15	Appears uncontaminated? (colour, odour)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E16	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>F Environmental Complaint</b>					<b>Remarks</b>
F1	Number of environmental complaint received from	<u>23/2/2007</u>	to	<u>1/3/2007</u>	0
<b>G General Housekeeping</b>					
		N/A or not observed	Yes	No	Remarks / Photo
G1	Are potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to Note No. 1.
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>H Landscape and Visual</b>					
		N/A or not observed	Yes	No	Remarks / Photo
H1	Are retained trees protected by fencing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H2	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H3	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>I Land Contamination</b>					
		N/A or not observed	Yes	No	Remarks / Photo
I1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I3	Are the stockpiles of contaminated soil covered appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Notes / Issues Recorded On Site:**

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

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

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

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

Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange

Inspection Date: 8<sup>th</sup> March 2007

Inspected By:

K. L. Cheung, Howard Chan

Time: 14:30

Weather Condition:

Cloudy

A	General	N/A or not observed	Yes	No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>B</b>	<b>Air Quality</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are completed earthworks sealed as soon as practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Are vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B6	Observable dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Loading/ unloading of materials		
		<input checked="" type="checkbox"/> Vehicle/ Equipment Movements	<input type="checkbox"/> Others:		
B7	Are unpaved areas watered regularly to avoid dust generation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B8	Are dusty material covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B9	Are dusty materials sprayed prior to loading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B10	Odorous materials immediately covered and promptly removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	Is generation of dust avoided during loading / unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are loaded dump trucks covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are wheel washing facilities provided at all site exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B14	Are there enclosures around the main dust-generating activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C</b>	<b>Noise</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
C1	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Do compressors operate with doors closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C8	Major noise source(s):	<input checked="" type="checkbox"/> Traffic			
		<input checked="" type="checkbox"/> Construction activities inside of site			
		<input type="checkbox"/> Construction activities outside of site			
		<input type="checkbox"/> Others:			

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

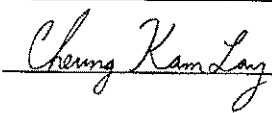

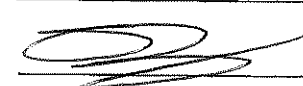
<b>E Waste / Chemical Management</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
<u>Chemical / Fuel Storage Area</u>					
E8	Is storage area bunded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Construction Waste</u>					
E11	Reused where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	For temporary access road paving.
E12	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Excavated Materials</u>					
E15	Appears uncontaminated? (colour, odour)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E16	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>F Environmental Complaint</b>					<b>Remarks</b>
F1	Number of environmental complaint received from <u>2/3/2007</u> to <u>8/3/2007</u>			0	
<b>G General Housekeeping</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
G1	Are potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>H Landscape and Visual</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
H1	Are retained trees protected by fencing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H2	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H3	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>I Land Contamination</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
I1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I3	Are the stockpiles of contaminated soil covered appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Notes / Issues Recorded On Site:**

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

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

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

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



Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange

Inspection Date: 15<sup>th</sup> March 2007

Inspected By: K. L. Cheung, Howard Chan

Time: 14:30

Weather Condition: Sunny

A	General	N/A or not observed	Yes	No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>B</b>	<b>Air Quality</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are completed earthworks sealed as soon as practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Are vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B6	Observable dust source(s): <input type="checkbox"/> Wind erosion <input checked="" type="checkbox"/> Vehicle/ Equipment Movements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Loading/ unloading of materials Others: Opened cement bags (Refer to Note No. 1)
B7	Are unpaved areas watered regularly to avoid dust generation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B8	Are dusty material covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Note No. 1
B9	Are dusty materials sprayed prior to loading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B10	Odorous materials immediately covered and promptly removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	Is generation of dust avoided during loading / unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are loaded dump trucks covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are wheel washing facilities provided at all site exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B14	Are there enclosures around the main dust-generating activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C</b>	<b>Noise</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
C1	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Do compressors operate with doors closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C8	Major noise source(s): <input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others:				

<b>D Water Quality</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
D1	Is drainage system adequate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D2	Are there temporary ditches for runoff discharge into appropriate: Watercourse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D3	With silt retention pond?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D4	Do permanent drainage channels have: Sediment basin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D5	Traps and baffles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D6	Is groundwater pumped out discharged via sediment traps / tanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7	Are there sediment tanks for settling runoff prior to disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D8	Constructed from pre-formed individual cells?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9	Adequate capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10	Free from silt and sediment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11	Are there oil interceptors in drainage system?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D12	Oil and grease removed regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D13	Bypass to prevent flushing during periods of heavy rain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D14	Is drainage system well maintained?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D15	Is exposed earth stabilized after earthworks have been completed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D16	Are exposed slope surfaces covered (by tarpaulin or other means)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D17	Are open stockpiles of more than 50 m <sup>3</sup> covered during rainstorm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D18	Are manholes covered and sealed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D19	Toilet that connects to foul sewer or chemical toilets provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D20	Is debris and rubbish on site collected and disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D21	Is wastewater discharge license available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22	Measures to prevent the washing away of sand/silt to drains?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Rainy Season</u>					
D23	Sediment control measures inspected and maintained after rainstorms?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D24	Is there any sediment plume observed in nearby watercourses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>E Waste / Chemical Management</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
<u>General Refuse</u>					
E1	Accumulation avoided?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to Note No. 2
E2	Receptacles (e.g. rubbish bins) available?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E3	Disposed of regularly and properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Chemical Waste / Waste Oil</u>					
E4	Stored properly in designated area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5	Labelled properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	



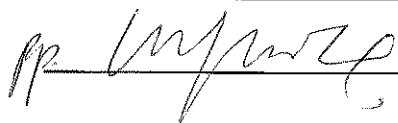
<b>E Waste / Chemical Management</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
<u>Chemical / Fuel Storage Area</u>					
E8	Is storage area bunded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Construction Waste</u>					
E11	Reused where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	For temporary access road paving.
E12	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Note No. 2
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Excavated Materials</u>					
E15	Appears uncontaminated? (colour, odour)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E16	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>F Environmental Complaint</b>					<b>Remarks</b>
F1	Number of environmental complaint received from	<u>9/3/2007</u>	to	<u>15/3/2007</u>	0
<hr/>					
<b>G General Housekeeping</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
G1	Are potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Note No. 3
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<hr/>					
<b>H Landscape and Visual</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
H1	Are retained trees protected by fencing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H2	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H3	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<hr/>					
<b>I Land Contamination</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
I1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I3	Are the stockpiles of contaminated soil covered appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Notes / Issues Recorded On Site:**

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

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

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

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

Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange

Inspection Date: 22<sup>nd</sup> March 2007

Inspected By: K. L. Cheung, Howard Chan

Time: 14:30

Weather Condition: Sunny

A	General	N/A or not observed	Yes	No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>B</b>	<b>Air Quality</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are completed earthworks sealed as soon as practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Are vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B6	Observable dust source(s):	<input type="checkbox"/> Wind erosion	<input type="checkbox"/> Loading/ unloading of materials		
		<input checked="" type="checkbox"/> Vehicle/ Equipment Movements	<input type="checkbox"/> Others:		
B7	Are unpaved areas watered regularly to avoid dust generation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B8	Are dusty material covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B9	Are dusty materials sprayed prior to loading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B10	Odorous materials immediately covered and promptly removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	Is generation of dust avoided during loading / unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are loaded dump trucks covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are wheel washing facilities provided at all site exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B14	Are there enclosures around the main dust-generating activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C</b>	<b>Noise</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
C1	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Do compressors operate with doors closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C8	Major noise source(s):	<input checked="" type="checkbox"/> Traffic			
		<input checked="" type="checkbox"/> Construction activities inside of site			
		<input type="checkbox"/> Construction activities outside of site			
		<input type="checkbox"/> Others:			

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

<b>E Waste / Chemical Management</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
<u>Chemical / Fuel Storage Area</u>					
E8	Is storage area bunded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Construction Waste</u>					
E11	Reused where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	For temporary access road paving.
E12	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Excavated Materials</u>					
E15	Appears uncontaminated? (colour, odour)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E16	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>F Environmental Complaint</b>					<b>Remarks</b>
F1	Number of environmental complaint received from <u>16/3/2007</u> to <u>22/3/2007</u>			0	
<b>G General Housekeeping</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
G1	Are potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>H Landscape and Visual</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
H1	Are retained trees protected by fencing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H2	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H3	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>I Land Contamination</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
I1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I3	Are the stockpiles of contaminated soil covered appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Notes / Issues Recorded On Site:**

No specific environmental issues were recorded during the inspection.

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

Nil.

Inspected by: K. L. Cheung

Title: Environmental Team

Signature: *Cheng Kam Long*

Date: 23<sup>rd</sup> March 2007

Representative of Contractor: Jeffrey Tang

Title: Environmental Engineer

Signature: *[Signature]*

Date: 26-3-07

Reviewed and approved by: Susana Bezy

Title: Environmental Team Leader

Signature: *[Signature]*

Date: 26/3/07



Site: Contract No. HY/2004/09 - Improvements to San Tin Interchange

Inspection Date: 29<sup>th</sup> March 2007

Inspected By: K. L. Cheung, Howard Chan

Time: 14:30

Weather Condition: Sunny

A	General	N/A or not observed	Yes	No	Remarks / Photo
A1	Is the Environmental Permit displayed at the entrances / exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>B</b>	<b>Air Quality</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are completed earthworks sealed as soon as practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Are vehicles and equipment switched off while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B4	Are plant and equipment well maintained? (i.e. without black smoke from powered plant)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B6	Observable dust source(s): <input type="checkbox"/> Wind erosion <input checked="" type="checkbox"/> Vehicle/ Equipment Movements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Loading/ unloading of materials Others:
B7	Are unpaved areas watered regularly to avoid dust generation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B8	Are dusty material covered or regularly watered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B9	Are dusty materials sprayed prior to loading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B10	Odorous materials immediately covered and promptly removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B11	Is generation of dust avoided during loading / unloading?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are loaded dump trucks covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are wheel washing facilities provided at all site exits?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B14	Are there enclosures around the main dust-generating activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>C</b>	<b>Noise</b>	<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
C1	Are all plant and equipment well maintained and in good operating condition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Is idle equipment turned off or throttled down?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Are powered mechanical equipment covered or shielded by acoustic materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are silenced equipment used where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C5	Are noise barriers provided to protect Kwu Tung Road NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Percussive piling in the South Division is completed.
C6	Do air compressors have valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Do compressors operate with doors closed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C8	Major noise source(s): <input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others:				

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

<b>E Waste / Chemical Management</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
<u>Chemical / Fuel Storage Area</u>					
E8	Is storage area bunded?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Note No. 2
<u>Construction Waste</u>					
E11	Reused where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	For temporary access road paving.
E12	Disposed of properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E13	Are surplus inert materials being reused where practical as an alternative to ordering imported fill material?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpiles at N1 storage area are used as backfill material.
E14	Trip tickets available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Excavated Materials</u>					
E15	Appears uncontaminated? (colour, odour)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E16	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>F Environmental Complaint</b>					<b>Remarks</b>
F1	Number of environmental complaint received from <u>23/3/2007</u> to <u>29/3/2007</u>			0	
<b>G General Housekeeping</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
G1	Are potential stagnant pools cleared and mosquito breeding prevented?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to Note No. 3
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>H Landscape and Visual</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
H1	Are retained trees protected by fencing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to Note No. 4
H2	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H3	Is damage to surrounding areas avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>I Land Contamination</b>		<b>N/A or not observed</b>	<b>Yes</b>	<b>No</b>	<b>Remarks / Photo</b>
I1	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I3	Are the stockpiles of contaminated soil covered appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**Notes / Issues Recorded On Site:**

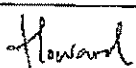

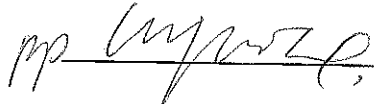
1. A drain ditch beside Pier B7 in South Division and a ditch beside Kwu Tung Road in the M5 works area in South Division were observed to have been blocked by settled sediments. Water flow in the drain was obstructed.
2. Chemical waste storage area near the site office was seen to be unlocked.
3. Stagnant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

Other Observation

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

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

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

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