

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

Inspection Date: 4th January 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	Air Quality	N/A or not observed	Yes	No	Remarks / Photo
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"/>	
C	Noise	N/A or not observed	Yes	No	Remarks / Photo
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:			

D Water Quality		N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate? Are there temporary ditches for runoff discharge into appropriate:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 ³ 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"/>	
E Waste / Chemical Management		N/A or not observed	Yes	No	Remarks / Photo
<u>General Refuse</u>					
E1	Accumulation avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Refer to Note No. 1
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

Chemical / Fuel Storage Area

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"/>	

Construction Waste

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"/>	

Excavated Materials

E15	Appears uncontaminated? (colour, odour)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures followed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled on-site, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F Environmental Complaint

Remarks

F1	Number of environmental complaint received from	<u>29/12/2006</u>	to	<u>4/1/2007</u>	0
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G General Housekeeping

N/A or not observed Yes No Remarks / Photo

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"/>	

H Landscape and Visual

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"/>	

I	Land Contamination	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"/>	Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is stockpiled separately within Site A.
I3	Are the stockpiles of contaminated soil covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpile of excavated arsenic-containing soil is generally covered. Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.

Notes / Issues Recorded On Site:

1. General refuse (plastic bottles, plastic bags, papers) was observed to have been accumulated at N1 open lay-down area beside EMDC.
2. C & D waste (wooden debris) was seen to have been accumulated at Slip Road E works area in N2 Division.

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

1. General refuse should be collected in bins and disposed of daily to keep good site tidiness.
2. The Contractor has taken immediate action to clean up the C & D waste. The Contractor was reminded to store C & D waste properly at designated storage area and dispose of on a regular basis.

Inspected by: K. L. Cheung

Title: Environmental Team

Signature: *Cheung Kam Long*

Date: 4th January 2007

Representative of Contractor: Jeffrey Tang

Title: Environmental Engineer

Signature: *JT*

Date: 5 JAN 07

Reviewed and approved by: Susana Bezy

Title: Environmental Team Leader

Signature: *[Signature]*

Date: 5/1/07

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

Inspection Date: 11th January 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 Air Quality		N/A or not observed	Yes	No	Remarks / Photo
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: Emptied / opened cement bags stored on Slip Road B.
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 type="checkbox"/>	<input checked="" 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"/>	
C Noise		N/A or not observed	Yes	No	Remarks / Photo
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:				

D Water Quality		N/A or not observed	Yes	No	Remarks / Photo
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 ³ 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"/>	
E Waste / Chemical Management		N/A or not observed	Yes	No	Remarks / Photo
	<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"/>	Refer to Note No. 2

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

Chemical / Fuel Storage Area

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"/>	

Construction Waste

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. 3
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"/>	

Excavated Materials

E15	Appears uncontaminated? (colour, odour)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures followed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled on-site, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F Environmental Complaint

F1	Number of environmental complaint received from	<u>5/1/2007</u>	to	<u>11/1/2007</u>	0	Remarks
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G General Housekeeping

N/A or not observed Yes No Remarks / Photo

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"/>	

H Landscape and Visual

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"/>	

I	Land Contamination	N/A or not observed	Yes	No	Remarks / Photo
11	Is protective equipment (gloves, mask) provided for site staff during exposure to potential contaminated soil/ groundwater?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
12	Is the contaminated soil segregated from the uncontaminated soil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is stockpiled separately within Site A.
13	Are the stockpiles of contaminated soil covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpile of excavated arsenic-containing soil is generally covered. Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.

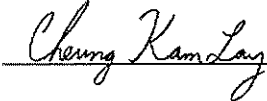
Notes / Issues Recorded On Site:

- Emptied / opened cement bags were observed to have been stored at open area along Slip Road B.
- A drum of coating oil was stored on Slip Road B near M1 works area without drip tray. Oil stain was found around the drum on the road surface.
- C & D waste (wooden debris) was seen to have been accumulated at Slip Road B and Slip Road E.


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

- Emptied / opened cement bags should be covered to prevent dust emissions. The cement leftover should be stored properly for later use, or disposed of as C & D waste if it is unusable. The emptied bags should be disposed of as general refuse.
- Oil absorbent should be used to absorb oil on surface. The oil drum should be placed inside drip tray and well covered to prevent leakage.
- The Contractor was reminded to clean up and dispose of the C & D waste on a regular basis.


Inspected by: K. L. Cheung Title: Environmental Team

Signature:  Date: 11th January 2007

Representative of Contractor: Jeffrey Tang Title: Environmental Engineer

Signature:  Date: 12-1-07

Reviewed and approved by: Susana Bezy Title: Environmental Team Leader

Signature:  Date: 12-1-07

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

Inspection Date: 18th January 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	Air Quality	N/A or not observed	Yes	No	Remarks / Photo
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"/>	
C	Noise	N/A or not observed	Yes	No	Remarks / Photo
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:			

D Water Quality		N/A or not observed	Yes	No	Remarks / Photo
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 ³ 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"/>	
E Waste / Chemical Management		N/A or not observed	Yes	No	Remarks / Photo
	<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

Chemical / Fuel Storage Area

	N/A or not observed	Yes	No	Remarks / Photo
E8	Is storage area bunded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Adequate bund capacity? (>110% of the largest tank)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Are storage areas provided with locks and located on sealed areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Construction Waste

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"/>	

Excavated Materials

E15	Appears uncontaminated? (colour, odour)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures followed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled on-site, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F Environmental Complaint

				Remarks	
F1	Number of environmental complaint received from	<u>12/1/2007</u>	to	<u>18/1/2007</u>	0

G General Housekeeping

	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"/>	

H Landscape and Visual

	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"/>	

I	Land Contamination	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"/>	Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is stockpiled separately within Site A.
I3	Are the stockpiles of contaminated soil covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpile of excavated arsenic-containing soil is generally covered. Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.

Notes / Issues Recorded On Site:

1. Stagnant water was observed to have been accumulated inside unused gullies along Slip Road B works area in South Division.

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

1. Stagnant water should be cleared promptly to prevent mosquito breeding. Unused gullies should be well covered to prevent stagnant water accumulation.

Inspected by: K. L. Cheung

Title: Environmental Team

Signature: 

Date: 19th January 2007

Representative of Contractor: Jeffrey Tang

Title: Environmental Engineer

Signature: 

Date: 22-1-07

Reviewed and approved by: Susana Bezy

Title: Environmental Team Leader

Signature: 

Date: 24/01/2007

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

Inspection Date: 25th January 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 Air Quality		N/A or not observed	Yes	No	Remarks / Photo
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 checked="" type="checkbox"/> Others: Stockpile in N1 open lay-down area		
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 type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to Note 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"/>	
C Noise		N/A or not observed	Yes	No	Remarks / Photo
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:			

D Water Quality		N/A or not observed	Yes	No	Remarks / Photo
D1	Is drainage system adequate? Are there temporary ditches for runoff discharge into appropriate:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 ³ 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"/>	
E Waste / Chemical Management		N/A or not observed	Yes	No	Remarks / Photo
<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"/>	Refer to Note No. 2 & 3

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

Chemical / Fuel Storage Area

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"/>	

Construction Waste

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"/>	

Excavated Materials

E15	Appears uncontaminated? (colour, odour)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled within Site A.
E16	If suspected contaminated, appropriate procedures followed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is temporarily stockpiled on-site, with tarpaulin sheet lining and cover, bounded by sandbags. See Item I below.
E17	Relevant license/permit/trip tickets for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F Environmental Complaint

Remarks

F1	Number of environmental complaint received from	<u>19/1/2007</u>	to	<u>25/1/2007</u>	0
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G General Housekeeping

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. 4
G2	Are defined boundaries of working areas identified to prevent loss of vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

H Landscape and Visual

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"/>	

I	Land Contamination	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"/>	Basic personal protective equipment has been provided for workers when handling excavated arsenic-containing soil.
I2	Is the contaminated soil segregated from the uncontaminated soil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contaminated material excavated from Site A is stockpiled separately within Site A.
I3	Are the stockpiles of contaminated soil covered appropriately?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stockpile of excavated arsenic-containing soil is generally covered. Contaminated material excavated from Site A is stockpiled with tarpaulin sheet cover.

Notes / Issues Recorded On Site:

1. Stockpile of soil in N1 open lay-down area was not covered.
2. Used batteries were observed to have been placed on ground at the storage yard near the site office area.
3. Diesel oil (in a plastic container) was placed at the storage yard near the site office area and without drip tray. Oil stain was found around the container on the ground surface.
4. Stagnant water and general refuse were observed to have been accumulated in several areas: inside unused gullies along Slip Road A and Slip Road B works areas in South Division; inside an opened void chamber at Slip Road B works area.

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

1. Stockpile should be fully covered with tarpaulin sheet to prevent dust emissions.
2. Used batteries should be stored in the chemical waste storage area and disposed of as chemical waste.
3. Oil absorbent should be used to absorb the oil stain on the ground. Diesel oil should be stored properly at the designated diesel storage area. If it is being used and to be stored temporarily on site, it should be placed inside drip tray and well covered to prevent leakage.
4. Stagnant water should be cleared promptly to prevent mosquito breeding. Unused gullies and void chamber should be well covered to prevent stagnant water accumulation. General refuse should be collected and disposed of properly daily.

Inspected by: K. L. Cheung Title: Environmental Team

Signature: *Cheung Kam Lay* Date: 25th January 2007

Representative of Contractor: Jeffrey Tang Title: Environmental Engineer

Signature: *[Signature]* Date: 27-1-07

Reviewed and approved by: Susana Bezy Title: Environmental Team Leader

Signature: *[Signature]* Date: 29-1-2007