

CONTRACT NO. HY/2004/09
IMPROVEMENTS TO SAN TIN INTERCHANGE

Landscape and Visual Resources Inspection Report No. 24 (20th and 30th June 2007)

Checklist landscape mitigation measure monitoring at construction stage

Advance Tree Transplanting (LMM1)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1	X			Transplanted trees in the nurseries are in fair condition. Contractor is reminded to carry out routine maintenance operation including removing weeds within the nursery areas. Some trees are leaning to one side with one tree uprooted, the contractor is reminded to straighten-up and re-staking all the trees. The contractor is reminded to repair the defective tree ID labels. The Contractor is reminded rectified the N2 nursery's protective fence which is still outstanding.	<ul style="list-style-type: none"> - Identification of trees - Root cutting - Crown pruning - Lifting and relocation
2. Division North 2	X				
3. Division South	X				
Advance boundary buffer planting (LMM2)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	Not yet commenced. The Landscaping Plan is being finalised	- Monitoring implementation and maintenance of planting
2. Division North 2			X		
3. Division South			X		
Advance screen planting (LMM3)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	Not yet commenced.	- Monitoring implementation and maintenance of planting
2. Division North 2			X		
3. Division South			X		
Soil conservation (LMM4)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1	X			N/A	<ul style="list-style-type: none"> - Existing soil will be conserved in stockpiles with a max. height of 2m - All material stockpiles should be covered with impermeable material - Sandbagging diversions should be placed around exposed soil - Least obstruction to residential and pedestrian
2. Division North 2	X				
3. Division South	X				
Sensitive design and chromatic treatment for the viaduct (LMM7)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	It is noticed that the design has been approved by ACABAS and the contractor was requested to pass the ET one set of the approved drawings for monitoring purpose (reminder).	
2. Division North 2			X		
3. Division South			X		
Semi-transparent noise barrier(LMM8)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	It is noticed that the design has been submitted to ACABAS for approval and the contractor will pass the ET one set of the approved drawings for monitoring purpose (reminder).	
2. Division North 2			X		
3. Division South			X		
Checklist landscape mitigation measure monitoring at operation stage					
Selection of fast growing native tree and shrub mixes (LMM5)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	Not yet commenced.	<ul style="list-style-type: none"> - Compensatory ratio: >1:3 - Compensatory planting will be planted along the edges to mitigate the landscape & visual impact
2. Division North 2			X		
3. Division South			X		
Foundation planting below viaduct (LMM6)					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	Not yet commenced.	- Monitoring implementation and maintenance of planting
2. Division North 2			X		
3. Division South			X		

Report Prepared by: Tran Tuan Huy

Title: ET - Registered Landscape Architect

Signature :



Date: 9th July 2007

**Contract No. HY 2004/09 Improvements to San Tin Interchange
Landscape and Visual Resources Inspection Report (Construction Phase)**

Report No.: 047

Date of Inspection: 20th June 2007 Time: 11:00 – 12:15 Weather Condition: Sunny

Location(s) Inspected: Division North 1, North 2 & South

Are Works in Compliance with:

	Y	N
1. Recommendations and requirements in the Project EIA Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Recommendations and requirements in the Project EM&A Manual	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Requirements in the Environmental Permit EP-190/2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Description of Environmental Non-compliance or Deficiency (if any):

Nil.

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


Nil.

Remarks:

- Overgrown weeds were found inside both N1 and N2 Divisions transplanted nurseries. The Contractor was reminded to clear out the weeds regularly for proper maintenance of the nurseries.
- A number of transplanting trees at the transplantation holding nursery in N2 Division were observed to be leaning, with one tree fallen over and uprooted. The Contractor was reminded to reinstate all the trees to upright position and properly re-staked the trees to prevent being blown over in strong wind conditions in future.
- Also, one tree at the transplantation nursery in N2 Division was observed to be dead. The Contractor was reminded to inform the Engineer's Representative and to replace the dead tree with a new tree of the same species and size as compensatory measures.
- Some tree identification labels for the trees inside both N1 and N2 Divisions nurseries were observed to have been worn out and illegible. The Contractor was reminded to replace all defective tree identification labels.
- Temporary protective fencing for the transplantation nursery in N2 Division that were found broken during the previous inspection were still not yet rectified. The Contractor was reminded again to replace the broken fencing to properly protect the transplantation nursery.
- Broken sandbags barrier that was found at the transplantation nursery in the N1 Division during the last inspection has been replaced and arranged properly.

Prepared by : K. L. Cheung


Title : ET – Environmental Consultant

Signature : 

Date : 21st June 2007

Reviewed by : Tuan Huy Tran


Title : ET - Registered Landscape Architect

Signature : 

Date : 22nd June 2007

Reviewed and approved by : Susana Bezy

Title : Environmental Team Leader

Signature : 

Date : 22nd June 2007

**Contract No. HY 2004/09 Improvements to San Tin Interchange
Landscape and Visual Resources Inspection Report (Construction Phase)**

Report No.: 048

Date of Inspection: 30th June 2007 Time: 13:30 – 15:00 Weather Condition: Cloudy

Location(s) Inspected: Division North 1, North 2 & South

Are Works in Compliance with:

	Y	N
1. Recommendations and requirements in the Project EIA Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Recommendations and requirements in the Project EM&A Manual	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Requirements in the Environmental Permit EP-190/2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Description of Environmental Non-compliance or Deficiency (if any):

Nil.


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

Nil.

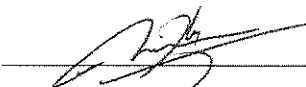
Remarks:

- Overgrown weeds that were found inside the transplantation nurseries in both N1 and N2 Divisions during the last inspection were still observed during this inspection. The Contractor was reminded again to clear out the weeds regularly as proper maintenance.
- The fallen tree that was found at the transplantation nursery in N2 Division during the last inspection was still observed during this inspection. The Contractor was reminded again to stand all trees to upright position and properly secure the trees to prevent from being blown over under strong wind condition in the future.
- The broken tree identification labels that were found in both N1 and N2 Divisions during the last inspection were still observed during this inspection. The Contractor was reminded again to replace all tree identification labels.
- Temporary protective fencings that were found broken at the transplantation nursery in N2 Division during the previous inspections were still not yet rectified. The Contractor was reminded again to replace the broken fencings to properly protect the transplantation nursery.


Prepared by : K. L. Cheung Title : ET – Environmental Consultant

Signature :  Date : 3rd July 2007

Reviewed by : Tuan Huy Tran Title : ET - Registered Landscape Architect

Signature :  Date : 9th July 2007

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

Signature :  Date : 10th July 2007