

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

Landscape and Visual Resources Inspection Report No. 15th and 28th November 2006

Checklist landscape mitigation measure monitoring at construction stage

<i>Advance Tree Transplanting (LMM1)</i>					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1	X			Some trees transplanted to the nursery near the Site Office were chopped down. Contractor reported that these trees were dead and the opinion from Project Landscape Architect was sought. Other transplanted trees in the same location are in fair condition. Contractor have to regularly water the transplanted trees to ensure their survival especially during dry season. It is found that the temporary nursery located near the site office is not properly surrounded by sand bags, soil may be washed-off during watering. Construction material was placed inside the nursery area which needs to be removed.	<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				

<i>Advance boundary buffer planting (LMM2)</i>					
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		

<i>Advance screen planting (LMM3)</i>					
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		

<i>Soil conservation (LMM4)</i>					
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				

<i>Sensitive design and chromatic treatment for the viaduct (LMM7)</i>					
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 Engineer was requested to pass the ET one set of the approved drawings for monitoring purpose.	
2. Division North 2			X		
3. Division South			X		

<i>Semi-transparent noise barrier(LMM8)</i>					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	It is noticed that the drawings of the design for ACABAS approval have been submitted, and the Engineer will pass the ET one set of the approved drawings for monitoring purpose.	
2. Division North 2			X		
3. Division South			X		

Checklist landscape mitigation measure monitoring at operation stage

<i>Selection of fast growing native tree and shrub mixes (LMM5)</i>					
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	<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		

<i>Foundation planting below viaduct (LMM6)</i>					
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		

Report Prepared by: Ryan Lin

Title: ET - Registered Landscape Architect

Signature :



Date: 29 November 2006

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

Report No.: 033

Date of Inspection: 15th November 2006 **Time:** 10:00–11:00 **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.

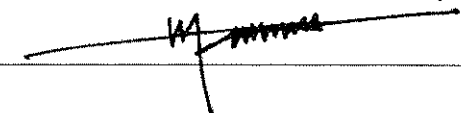
Remarks:

- The soil in the transplantation nurseries behind the site office in the N1 Division area and N2 Division area, are in drought condition. The Contractor was reminded to water the nurseries regularly, especially during the dry season.
- Some construction materials, such as wood lath were placed inside the transplantation nursery behind the site office in the N1 Division area. The Contractor was reminded to remove the construction materials and store them in an appropriate storage area.
- Insufficient sandbags barriers, as identified in the previous inspection, was still observed in the transplantation nursery behind the site office in the N1 Division area during the inspection. The Contractor was reminded again to provide sufficient sandbags to prevent soil from washing down.
- Several trees inside the transplantation nursery behind the site office in the N1 Division area were found to have been cut down. The Contractor reported that dead trees were removed under the instruction of the Engineer's Landscape Architect.


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

Signature :  Date : 23rd November 2006

Reviewed by : Ryan Lin Title : ET - Registered Landscape Architect

Signature :  Date : 27th November 2006

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

Signature :  Date : 28 November 2006

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

Report No.: 034

Date of Inspection: 28th November 2006 **Time:** 14:30–15:30 **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):

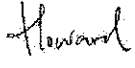
Nil.


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

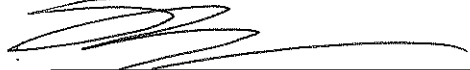
Nil.

Remarks:

- Insufficient sandbags barriers, as identified in the previous inspection, was still observed in the transplantation nursery behind the site office in the N1 Division area during the inspection. The Contractor was reminded to provide sufficient sandbags to prevent soil from washing down.
- The soil in the transplantation nurseries behind the site office in the N1 Division area and N2 Division area are in drought condition. The Contractor was reminded again to water the nurseries regularly, especially during dry seasons.
- Weeds were found to be growing inside the transplantation nurseries behind the site office in the N1 Division area and N2 Division area. The Contractor was reminded to remove weeds regularly as proper maintenance.

Prepared by : Howard Chan Title : Environmental Team
Signature :  Date : 28th November 2006

Reviewed by : Ryan Lin Title : ET - Registered Landscape Architect
Signature :  Date : 29th November 2006

Reviewed and approved by : Susana Bezy Title : Environmental Team Leader
Signature :  Date : 30 November 2006