

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

Report No.: 031

Date of Inspection: 18th October 2006 **Time:** 10:00–11:30 **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.

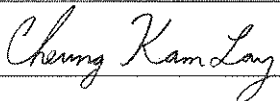
Remedial Actions – Mitigation Measures Implemented or Proposed (if any):

Nil.

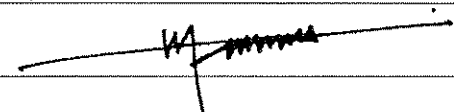
Remarks:

- More than ten trees inside the transplantation nursery behind the site office in the N1 Division area were observed to have been cut down. The Contractor advised that dead trees were removed under instruction of the Engineer's Landscape Architect.
- Some trees in the transplantation nursery in the N2 Division were removed by the Contractor. However, the same tree labels were found to be tagged on some newly transplanted trees with smaller tree trunk diameter (i.e. less than 95 mm). The Contractor reported that dead trees found in the nursery area were removed under instruction of the Engineer's Landscape Architect.
- Insufficient sandbags barriers were seen to have been provided for the transplantation nursery in the N2 Division area. The Contractor was reminded to provide sufficient sandbags to prevent soil from washing away.

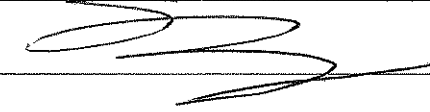
Prepared by : K. L. Cheung Title : ET – Environmental Consultant

Signature :  Date : 18th October 2006

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

Signature :  Date : 20th October 2006

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

Signature :  Date : 20/10/06

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

Report No.: 032

Date of Inspection: 25th October 2006 **Time:** 10:00–11:30 **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):


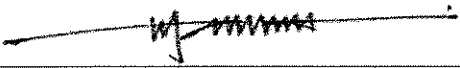

Nil.

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

Nil.

Remarks:

Insufficient sandbags barriers were identified during the previous inspection in the transplantation nursery in the N2 Division area. It was observed during this inspection that additional sandbags have not yet been provided. The Contractor was reminded again to provide sufficient sandbags in this area.

Prepared by	: K. L. Cheung	Title	: ET – Environmental Consultant
Signature	: 	Date	: 25 th October 2006
Reviewed by	: Ryan Lin	Title	: ET - Registered Landscape Architect
Signature	: 	Date	: 25 th October 2006
Reviewed and approved by	: Susana Bezy	Title	: Environmental Team Leader
Signature	: 	Date	: 25/10/06

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

Landscape and Visual Resources Inspection Report No. 16 -- 18th and 25th October 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 (approximate 10 numbers). 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. 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. Weeding also required to be carried out to prevent the overgrown of weeds. In the N2 Nursery, some newly planted standard size trees are found and are tagged with same kind of number tag. The Contractor report that these newly planted trees are to replace those tree dead or fallen down due to the typhoon in the past few months. The Contractor was reminded to carefully maintain these trees to ensure their survival.	<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 advance boundary buffer planting should be implemented as soon as the site condition is ready for planting. The Contractor has been requested to forward the ET a set of drawing of the advance boundary buffer planting plan, once available, for monitoring purpose.	- 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 advance screen planting should be implemented as soon as the site condition is adequate. The Contractor has been requested to forward the ET a set of drawing of the advance screen planting plan, once available, for monitoring purpose.	- 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	Not yet commenced.	
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	Not yet commenced.	
2. Division North 2			X		
3. Division South			X		

Checklist landscape mitigation measure monitoring at operation stage

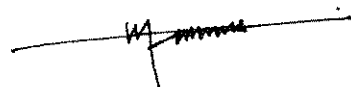
<i>Selection of fast growing native tree and shrub mixes (LMM8)</i>					
Location	Compliance			Notes/ Remarks	Items to be monitored
	Yes	No	N/A		
1. Division North 1			X	Not yet commenced.	<ul style="list-style-type: none"> - Compensatory ratio: >1:3 - Compensatory planting will be planted along the edges to mitigate the landscape & visual impact
2. Division North 2			X		
3. Division South			X		

<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.	- 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: 27 October 2006