The Nineteenth Results of Landscape and Visual Impact Monitoring for August 2011 (No.19)



JOB NO.: TCS00491/09

DSD CONTRACT No.: DC/2009/08

CONSTRUCTION OF YUEN LONG SOUTH BRANCH SEWERS AND EXPANSION OF HA TSUEN SEWAGE PUMPING STATION

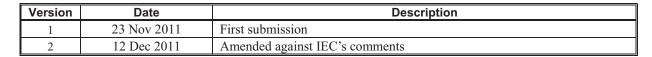
THE NINETEENTH RESULTS OF LANDSCAPE AND VISUAL IMPACT MONITORING FOR AUGUST 2011 (No.19)

PREPARED FOR

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) COMPANY LIMITED

Quality Index

Date	Reference No.	Prepared By	T.W. Tam (Environmental Team Leader)		
12 Dec 2011	TCS00 491 /09/600/R00315v2	Wong Fu Nam (Senior Environmental Consultant)			



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4 January 2012

By Post

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Our Ref:

Your Ref:

EB000586-F/THW12-3742

For attention of: Mr. T. W. Tam

Dear Mr. Tam,

Contract No.: DC/2009/08

Construction of Yuen Long South Branch Sewers and Expansion of Ha Tsuen Sewage

Pumping Station

Monthly EM&A Report for Designated Project, Landscape and Visual Impact Sections, April to September 2011 – IEC Verification

With reference to ET's captioned Landscape and Visual Impact section of monthly EM&A reports for six reporting months, April to September 2011 inclusive (ET's ref.: TCS00491/09/600/R0298v2, TCS00491/09/600/R0312v2, TCS00491/09/600/R0313v2, TCS00491/09/600/R0315v2 and TCS00491/09/600/R0316v2, all dated 12 December 2011) received on 30 December 2011, we have no comment and hereby verify the captioned Landscape and Visual Impact section of monthly EM&A reports.

Should there be any queries, please feel free to contact our William Law on 2911 2511.

Yours sincerely

F.C. TSANG

Independent Environmental Checker HYDER CONSULTING LIMITED

Tang Fambleon

FCT/WL/my

The Nineteenth Results of Landscape and Visual Impact Monitoring for August 2011 (No.19)



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The Nineteenth Results of Landscape and Visual Impact Monitoring for August 2011 (No.19)

1. INTRODUCTION

- 1.01 This Results of Landscape and Visual Impact Monitoring (hereinafter "the LVIM Results") is part of the monthly EM&A report under DSD Contract No.: DC/2009/08 Construction of Yuen Long South Branch Sewers and Expansion of Ha Tsuen Sewage Pumping Station: *Results of Landscape and Visual Impact* of Chapter 4 *Impact Monitoring Results*. The LVIM Results should therefore be read in conjunction with the corresponding monthly EM&A reports.
- 1.02 Pursuant to Chapter 6 Landscape and Visual of the EM&A Manual, EM&A for landscape and visual resources is considered to be a key aspect during both the construction and operational phases of the Project. The implementation and maintenance of landscape compensatory planting measures should therefore be checked to ensure that they are fully realized and that potential conflicts between the proposed landscape measures and any other project works and operational requirements are resolved at the earliest possible date and without compromise to the intention of the mitigation measures.
- 1.03 Monitoring of the recommended implementation of the mitigation measures is required to be conducted throughout the construction phase of the Project.
- 1.04 As a member of the ET, the landscape architect is responsible for the implementation of landscape construction works and subsequent maintenance operations during the 12 month establishment period. The establishment works should be undertaken throughout the Contractor's one year maintenance period which will be within the first operational year of the Project.
- 1.05 All measures undertaken by both the Contractor and the Landscape Contractor during the construction phase and first year of the operational phase should be audited by the landscape architect on a regular basis to ensure compliance with the intended aims of the measures.
- 1.06 Site inspections should be undertaken at least once every two weeks throughout the construction period and once every two months during the operational phase.
- 1.07 The LVIM Results has been prepared by the landscape architect and compiled by the ET upon receipt for submission to EPD after verification by the IEC.
- 1.08 To cater to closer compliance of the EM&A reporting with the EP requirements, it has been agreed among the RE, IEC and ET that The LVIM Results is submitted separately as a stand-alone submission.
- 1.09 This is the Nineteenth (No. 19) LVIM Results, covering the construction period from 1 to 31 August 2011 (hereinafter "the Result Period").

CONTENT OF THE LVIM RESULTS

- 2.01 This LVIM Results contains the site inspection checklist for the Result Period, where landscape and visual impact monitoring results are presented and where necessary, the associated recommendations are included.
- 2.02 The site inspection checklist is enclosed in *Appendix A*.



Appendix A

Site Inspection Checklist

Contract No.:		DC/2009/08							
Construction of Yuen Long South Sewer and Expansion		of Ha Ts	uen Sewa	age Pump	oing Stati	on			
Contractor: China State Const		China State Construction Engrg. (HK) Ltd.							
Location:		Ha Tsuen Sewage Pumping Station							
Ins	pection Date:	15-Aug-2011							
			S	atisfactor	y	Recti	ified		
			N/A	Yes	No	Yes	No	Ren	narks
I. G	General		_						
1.	Erect hoarding	g around site boundary properly	Ш	\checkmark	Ш	\checkmark	Ш _		
2.	Keep well ma	intenance of hoarding		\checkmark		\checkmark			
3.	All constructi	on works are carried out within site boundary properly		\checkmark		\checkmark			
4	Carry out the	initial tree survey prior to construction		\checkmark		\checkmark			
5	Provide tree la	abels according to tree survey records		\checkmark		\checkmark			
Cor	nments:								
Sta	ndard hoarding	was erected and well maintained around the works area at	Ha Tsue	n Sewage	Pumpin	g Station	(HTSPS)		
The	contruction ha	s no implication to protected tree.							
II.	Transplanting	Works							
1.	All transplant specifications	ing works are carried out in accordance with the		\checkmark		\checkmark			
2.	The transplanestablishment	ted trees are kept in regular inspection within the period		✓		\checkmark	□ _		
3.	The transplan	ted trees are kept in maintenance thoughout the establish	ment peri	od as foll	owings:				
	(i) Watering		√	П	П	П			
	(ii) Weeding		✓				\Box		
	(iii) Fertilising	g	√				\Box		
	(iv) Littering		\checkmark						
	(v) Grass cutt	ing	\checkmark						
	(vi) Firming u	ıp	\checkmark						
	(vii) Pest cont	trol	\checkmark						
	(viii) Disease	control	\checkmark				\Box _		
	(ix) Pruning		\checkmark						
	(x) Replaceme	ent	\checkmark				\Box _		
Comments:									
There had total 73 nos. of transpalnted trees in Ha Tsuen Sewage Pumping Station due to construction works under this contract.									
All	tree have been	handover back to DSD.							
III.	Landscaping \	Works							
1.	All landscapin specifications	ng works are carried out in accordance with the		\checkmark		√			
2.	The landscapi	ing plants are kept in regular inspection within the period		\checkmark		\checkmark	□ _		

Landscape and Visual Impact Assessment Site Inspection Checklist

	S	atisfacto	ry	Recti	fied	
	N/A	Yes	No	Yes	No	Remarks
3. The landscaping plants are kept in maintenance thoughout the es	tablishment per	iod as fol	lowings:			
(i) Watering		\checkmark		√		
(ii) Weeding		\checkmark		\checkmark		
(iii) Fertilising		\checkmark		\checkmark		
(iv) Littering		\checkmark		\checkmark		
(v) Grass cutting		\checkmark		\checkmark		
(vi) Firming up		\checkmark		\checkmark		
(vii) Pest control		\checkmark		\checkmark		
(viii) Disease control		\checkmark		\checkmark		
(ix) Pruning		\checkmark		\checkmark		
(x) Replacement		Y		\checkmark	\Box .	
Comments:						
No landscaping works were carried out in the reporting month						
•			•			
IV. Preservation and Protection of Trees						
All preserved trees are protected in accordance with the specifical	ations 🗸					
2. All preserved trees are fenced off properly	\checkmark					
3. No construction activities are carried out in the protection zone of	of the					
preserved trees						
Comments:						
All retained trees were fenced off and protected properly within the w	orks area of the	site.				
Conclusion						
Generally, the overall conditions of transplanting and visual are normal a satisfactory. The trees which were at Ha Tsuen Pumping Station have been monitoring since January 2011.						
Remarks						
Tomat to						
Signatures:		_	<u> </u>			
Senior Landscape Architect						
(Name: David Bloxham MLI (UK Chartered))						

Landscape and Visual Impact Assessment Site Inspection Checklist

Coi	ntract No.:	DC/2009/08					
Coı	ntract title:	Construction of Yuen Long South Sewer and Expansion	of Ha Ts	uen Sewa	ige Pump	ing Station	
Coı	ntractor:	China State Construction Engrg. (HK) Ltd.					
Loc	cation:	Ha Tsuen Sewage Pumping Station					
Ins	pection Date:	31-Aug-2011					
			S	Satisfacto	ry	Rectified	
			N/A	Yes	No	Yes No	Remarks
I. C	General						
1.	Erect hoarding	g around site boundary properly		\checkmark		✓	
2.	Keep well ma	intenance of hoarding		\checkmark		✓	
3.	All construction	on works are carried out within site boundary properly		\checkmark		✓ <u> </u>	
4	Carry out the	initial tree survey prior to construction		\checkmark		✓	
5	Provide tree la	abels according to tree survey records		\checkmark		V	
Cor	mments:						
Sta	ndard hoarding	was erected and well maintained around the works area a	t Ha Tsue	n Sewage	Pumping	g Station (HTSPS).
All	trees were label	lled as requirement.					
Π.	Transplanting	Works					
1.	All transplant specifications	ing works are carried out in accordance with the		✓		✓	
2.	The transplant establishment	ted trees are kept in regular inspection within the period		√		V	
3.	The transplan	ted trees are kept in maintenance thoughout the estanlish	ment perio	od as foll	owings:		
	(i) Watering		✓		\Box		
	(ii) Weeding		✓				
	(iii) Fertilising	y 5	√				
	(iv) Littering		√				
	(v) Grass cutt	ing	√				
	(vi) Firming u	p	√				
	(vii) Pest cont	rol	√				
	(viii) Disease	control	\checkmark				
	(ix) Pruning		\checkmark				
	(x) Replaceme	ent	\checkmark				
Cor	mments:						
The	ere had total 73	nos. of transpalnted trees in Ha Tsuen Sewage Pumping S	Station due	e to const	ruction w	vorks under this co	ontract.
Wa	tering and weed	ling should be undertaking periodically.					
III.	. Landscaping	Works					
1.	All landscapin specifications	ng works are carried out in accordance with the		√		V	
2.	The landscapi establishment	ng plants are kept in regular inspection within the period		✓		✓ <u> </u>	

		Satisfactory		Rectified			
		N/A	Yes	No	Yes	No	Remarks
3.	The landscaping plants are kept in maintenance thoughout the establish	ment per	iod as fol	lowings:			
	(i) Watering		\checkmark		\checkmark		
	(ii) Weeding		\checkmark		\checkmark		
	(iii) Fertilising		\checkmark		✓		
	(iv) Littering		\checkmark		\checkmark		
	(v) Grass cutting		\checkmark		\checkmark		
	(vi) Firming up		\checkmark		\checkmark		
	(vii) Pest control		*		\checkmark		
	(viii) Disease control		\checkmark		\checkmark		
	(ix) Pruning		\checkmark		\checkmark		
	(x) Replacement		\checkmark		\checkmark		
Coı	nments:						
No	landscaping works were carried out in the reporting month						
IV.	Preservation and Protection of Trees						
1.	All preserved trees are protected in accordance with the specifications	\checkmark					
2.	All preserved trees are fenced off properly	\checkmark					
3.	No construction activities are carried out in the protection zone of the preserved trees	√					
Cor	mments:						
Ali	retained trees were fenced off and protected properly within the works ar	ea of the	site. DSE	is carryi	ng out t	he prese	ervation
and	protection.						
Co	nclusion						
Ger	nerally, the overall conditions of transplanting and visual are normal at Ha Tsusfactory. The trees which were at Ha Tsuen Pumping Station have been return nitoring since January2011.						
Re	marks						

Signatures:
Senior Landscape Architect

(Name: David Bloxham MLI (UK Chartered))

Ha Tusen Pumping Station

Ha Tusen Pumping Station