

Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

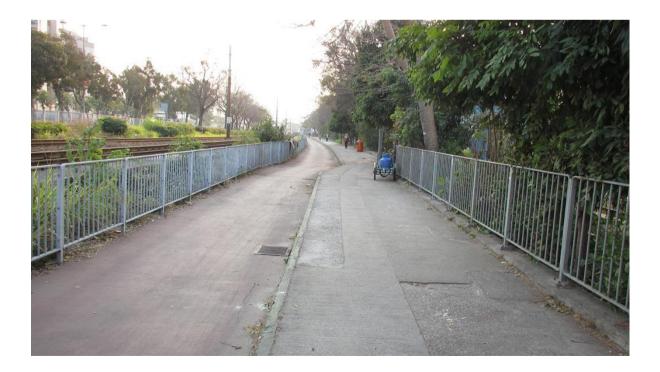
## Monthly EM&A Report for July 2014

(Designated Project Works Area)

Prepared for: Civil Engineering and Development Department



July 2014



### Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1 (DP Works Area) EM&A Report No. 3 – July 2014



Dr. James Xiong

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11 August 2014

EM&A Report No. 3

- July 2014

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#### ABBREVIATION

- CEDD Civil Engineering and Development Department
- C&D Construction & Demolition
- CNP Construction Noise Permit
- EM&A Environmental Monitoring and Audit
- EMP Environmental Management Plan
- EPD Environmental Protection Department
- ET Environmental Team
- IEC Independent Environmental Checker
- NSR Noise Sensitive Receiver
- NT New Territories
- PME Powered Mechanical Equipment
- RE Resident Engineer
- TTS# Trip-ticket System





#### EXECUTIVE SUMMARY

The ET of URS Hong Kong Ltd was commissioned in 15 April 2014 by CEDD to undertake the EM&A programme for the Contract No. YL/2013/01 entitled "Cycle Tracks from Tuen Mun to Sheung Shui" for the designated project works area (the Project). Environmental Permits have been required by the EPD for this project.

This Monthly Environmental Monitoring and Audit Report No. 3 contains the results and findings of site inspection activities and EM&A works carried out by the Works Contractor as required in the contract during 1 July 2014 to 31 July 2014.

#### **Construction Progress**

The site activities in the reporting period mainly consisted of tree felling and transplantation, site clearance works, excavation works and construction of retaining walls.

#### Site Inspections

Environmental site inspections were conducted on 9 July, 14 July, 21 July, and 28 July 2014.

Several environmental issues have been identified by the ET during inspections including storage of materials and plants next to existing trees and vegetation, trap of rainwater in excavated pit and side of road, and non-effective desilting measures.

The Contractor has implemented mitigation measures to address those problems, which were considered to be effective in minimising negative impacts to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.

#### Environmental Complaints, Notices, Summons and Remedial Action

There were no complaints from EPD & no summons notifications were received during the above said report period.

#### **Construction Programme for Coming Month**

Planned activities for 1 August 2014 to 1 September 2014 of the Project consist of:

- 1) Portion D:
  - Tree felling and transplantation;
  - Site clearance works;
  - Excavation works for trial pit
- 2) Portion E:
  - Tree felling and transplantation;
  - Site clearance works;
  - Excavation works for trial pit;
  - Construction of Retaining Wall RW8



#### 1. BASIC PROJECT INFORMATION

#### 1.1. Introduction

- 1.1.1. URS Hong Kong Ltd has been commissioned by CEDD as ET for the construction works of 'Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui Stage 1" (the Project). The Project commenced in November 2013 and is scheduled for completion by the end of 2016.
- 1.1.2. The site layout plans and the construction programme are shown in **Appendix** 1 and **Appendix 2** respectively
- 1.1.3. The Project comprises the following primary works elements:
  - Construction of a new cycle track (with footpath) section from near Yuen Long Sha Po Tsuen connecting to the end of the existing cycle track, along Castle Peak Road – Tam Mi Section and along Pok Wai South Road (namely "Section 1").
  - Construction of a new cycle track (with footpath) section from near Ho Sheung Heung along Sheung Yue River and Shek Sheung River connecting to the existing cycle track in Sheung Shui ("namely "Section 1b").
  - Construction of the associated support facilities including two Resting Stations R5 and R9 integrated with Information Kiosk
  - The associated streetscape, landscape, utilities diversions, traffic aids installation, street lighting, water, sewerage and drainage works;
  - Provision of environmental mitigation measures.
- 1.1.4. The Project is regulated under the Environmental Permit no. EP-450/2013 (EP). According to the EP, the monitoring and audit programme shall be implemented in accordance with the procedures and requirements as set out in the EIA Report and EM&A Manual (Register No. AEIAR–133/2009) & the "Construction of Cycle tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River Stage 1 Environmental Review EM&A Manual (2013) (EM&A Manual).
- 1.1.5. This EM&A report is prepared in accordance with Section 12.3 of the EM&A Manual to records the results of regular site inspections, once per week, which identified environmental impacts & verification of implementation of the mitigation measures as recommended in the EM&A Manual, the Contractor's EMP. The report is to be submitted to the ER, the Contractor, the IEC and EPD.
- 1.1.6. The contact persons and telephone numbers of key personnel are shown in **Appendix 3**.

### Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1 (DP Works Area) EM&A Report No. 3 – July 2014



#### 1.2. Project Organization and Management

1.2.1. The Project Organization Chart of the ET is shown in **Figure 1.1**.

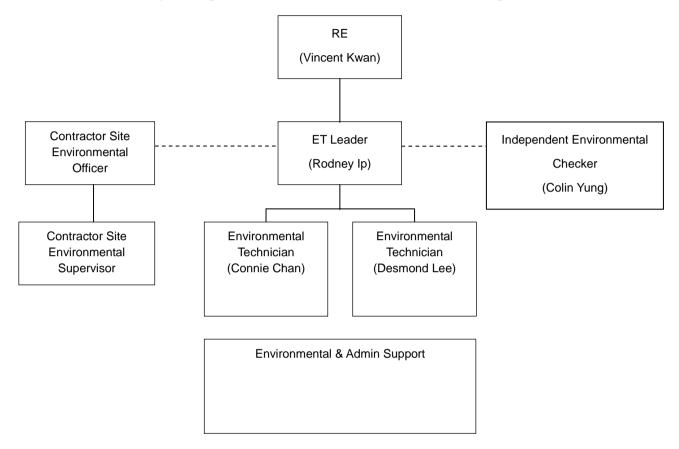


Figure 1.1 Organization Chart of ET

### Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1 (DP Works Area) EM&A Report No. 3 – July 2014



#### 2. SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS

#### 2.1. Works Undertaken during the Month

- 2.1.1. The main construction works in this reporting month relate to tree felling and transplantation, site clearance works, excavation works and construction of retaining walls.
- 2.1.2. A summary of the works in this reporting month, with the information of locations, activities, equipment/materials and dates of occurrence, is provided by the Contractor, as shown in Table 2.1. Locations can be referred to Appendix 1.

Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion D	<ul> <li>Site Clearance</li> <li>Tree Felling and Transplant</li> <li>Construction of Trial Pit</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of solid waste</li> <li>Production of dust</li> <li>Noise</li> <li>Production of dusty site run off</li> </ul>	<ul> <li>No soil, materials or equipment shall be stockpiled within the tree protection zones</li> <li>Implementing TTS#</li> <li>Works should not be commenced during restricted hours</li> <li>Existing structures can be used to reduce noise</li> <li>Temporary noise baffles/ screen to noisy machines has been provided</li> <li>Extra sand bags and silt traps are to be provided</li> </ul>
Portion E	<ul> <li>Site Clearance</li> <li>Tree Felling and Transplant</li> <li>Construction of Trial Pit</li> <li>Construction of Retaining Wall RW8</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of solid waste</li> <li>Production of dust</li> <li>Noise</li> <li>Production of dusty site runoff</li> </ul>	<ul> <li>No soil, materials or equipment shall be stockpiled within the tree protection zones</li> <li>Implementing TTS#</li> <li>Works should not be commenced during restricted hours</li> <li>Existing structures can be used to reduce noise</li> <li>Temporary noise baffles/ screen to noisy machines has been provided</li> <li>Extra sand bags and silt traps are to be provided</li> </ul>

**Table 2.1**Work Activities for July 2014





#### 2.2. Future Key Issues

2.2.1. The Contractor has provided an updated construction program in **Table 2.2** to show the planned activities for the coming two months (August & September 2014). The anticipated environmental issues are summarised as follows:

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul> <li>Site Clearance</li> <li>Tree Felling and Transplant</li> <li>Construction of Retaining Walls RW 2, 4</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of solid waste</li> <li>Production of dust</li> <li>Noise</li> <li>Production of site run off</li> </ul>	<ul> <li>No soil, materials or equipment shall be stockpiled within the tree protection zones</li> <li>Implementing TTS#</li> <li>Spray water to minimize dust condition</li> <li>Works should not be commenced during restricted hours</li> <li>Extra sand bags and silt traps are to be provided</li> </ul>
Portion E (Shek Sheung River)	<ul> <li>Site Clearance</li> <li>Tree Felling and Transplant</li> <li>Construction of Retaining Walls RW 1, 5, 8</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of solid waste</li> <li>Production of dust</li> <li>Noise</li> <li>Production of site run off</li> </ul>	<ul> <li>No soil, materials or equipment shall be stockpiled within the tree protection zones</li> <li>Implementing TTS#</li> <li>Spray water to minimize dust condition</li> <li>Works should not be commenced during restricted hours</li> <li>Existing structures can be used to reduce noise</li> <li>Extra sand bags and silt traps are to be provided</li> </ul>

2.2.2. The site inspection schedule for the next month (1 August 2014 to 1 September 2014) is designated on 6 August, 13 August, 18 August and 25 August 2014.

#### 3. STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS

#### 3.1. Environmental Requirements

#### Air Quality

3.1.1. The EM&A Manual identified that no significant impacts could arise during construction and operation of the project. No specific construction dust monitoring was recommended in the EM&A Manual given proper implementation of the dust control measures under the Air Pollution Control (Construction Dust) Regulation. General air quality control measures are recommended for implementation as good site practice.



#### <u>Noise</u>

- 3.1.2. The EM&A Manual identifies that with the use of quiet / silenced PME and noise barriers, where applicable, will result in no unacceptable construction noise. General noise control measures are recommended for implementation as good site practice. No NSR has been identified within 300m of the site working areas. No noise monitoring therefore is recommended from the EP as well as the Contract.
- 3.1.3. No construction is planned during restricted hours. If construction is required during restricted hours the Contractor is required to apply for a CNP.

#### Water Quality

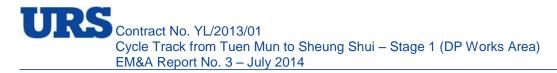
3.1.4. The EM&A Manual identifies that best practicable pollution control measures during construction should be effective to control the potential water quality impacts resulting from stormwater runoff into receiving waters. Water Discharge License has been applied by the Contractor. No specific water quality monitoring is considered necessary.

#### Waste Management

- 3.1.5. The EM&A Manual identifies that with proper on-site handling and storage (covered containers), reuse (of inert construction wastes) and off-site disposal (via approved waste collectors to approved waste facilities and/or disposal grounds) the generation, handling and disposal of these wastes will not give rise to any adverse environmental impacts. Control and mitigation should be implemented as general good site practices.
- 3.1.6. The quantities of waste for disposal from the construction site in this month are summarized in **Table 3.1**.

Type of Wa	Quantity	
	Total Quantity Generated (in '000m <sup>3</sup> )	0.663
Inert C&D Materials	Hard Rock and Large Broken Concrete (in '000m <sup>3</sup> )	0
	Reused in the Contract (in '000m <sup>3</sup> )	0
	Reused in other Projects (in '000m <sup>3</sup> )	0
	Disposed as Public Fill (in '000m <sup>3</sup> )	0.663
	Imported Fill (in '000m <sup>3</sup> )	0
	Metals (in '000kg)	0.01
C&D	Paper/cardboard packing (in '000kg)	0.01
Waste	Plastic (in '000kg)	0.01
vvasie	Chemical Waste (in '000kg)	0
	Others, e.g. general refuse (in '000m <sup>3</sup> )	0.01

 
 Table 3.1
 Summary of Quantities of Waste for Disposal in this Reporting Month





#### Land Contamination

3.1.7. The EM&A Manual considers that no specific EM&A requirements are necessary for Land Contamination.

#### **Ecology and Fisheries**

3.1.8. The EM&A Manual identifies that no significant overall loss of valuable ecological habitat and fishponds and it is considered that no significant negative impacts to surrounding habitats and species and aquaculture or water quality will arise from the construction and operation of the cycle track given that appropriate mitigation measures and good practices are properly implemented. No specific ecological or fisheries monitoring is required.

#### Cultural Heritage

3.1.9. The EM&A Manual identifies that no adverse impacts on cultural heritage resources would be expected from the construction or operational phase of the Project. No specific monitoring is required during the construction phase. However, care has been taken during construction stage to report any signs of possible discovery of artefacts to minimize potential impacts during the construction phase.

#### Landscape and Visual

3.1.10. Based on the EM&A Manual's recommendation, all measures undertaken during the construction stage shall be audited by the Landscape Architect as a member of the Environmental Team. The site inspections were undertaken for twice a month during this reporting period to ensure all the recommended landscape and visual mitigation measures have been effectively implemented.





#### 3.2. Environmental Site Inspections

- 3.2.1. Environmental site inspections are required to inspect the construction activities of the Project in order to ensure that appropriate environmental protection and pollution control mitigation measures are properly implemented. Regular site inspections should be carried out once per week during the construction phase.
- 3.2.2. Regular weekly environmental walk records with follow up actions of this reporting period have been attached in Appendix 5 and have been filed by RE in Site Office .
- 3.2.3. The Contractor has implemented mitigation measures to address those problems. The measures taken by the contractor were considered as effective to minimize negative impact to the environment. On-going investigation will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 3.2.4. A summary of the findings and results of site inspections are provided in **Table 3.2**.





#### Table 3.2 Summary of Findings from Site Inspections

ltem No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	9 July 2014	Portion E (Shek Sheung River)	Rainwater has been trapped in excavated pit	Trapped rainwater has been removed	14 July 2014
2	9 July 2014	Portion E (Shek Sheung River)	Materials& plants were not kept away from existing trees & vegetation	Materials & plants kept away from existing trees & vegetation	21 July 2014
3	14 July 2014	Portion E (Shek Sheung River)	Rainwater has been trapped in excavated pit and side of road	Trapped rainwater has been removed	19 July 2014
4	14 July 2014	Portion E (Shek Sheung River)	Materials& plants were not kept away from existing trees & vegetation	Materials & plants kept away from existing trees & vegetation	19 July 2014
5	21 July 2014	Portion E (Shek Sheung River)	Rainwater has been trapped in excavated pit	Trapped rainwater has been removed	28 July 2014
6	21 July 2014	Portion E (Shek Sheung River)	Desilting measures no longer effective	Follow-up action required	-
7	28 July 2014	Portion E (Shek Sheung River)	Rainwater has been trapped in excavated pit	-	-
8	28 July 2014	Portion E (Shek Sheung River)	Desilting measures no longer effective (issue found at 21 July 2014)	-	-

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#### 4. SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES

4.1.1. The Summary of Environmental Permits/Licenses required for the Project is summarised in Table 4.1.

ltem No.	Description	Date of Issue	Ref. No	Date of Expiry
	Registration			
	as a			
1	Chemical	10/1/2014	WPN5213-524-S3777-01	N.A.
	Waste			
	Producer			
	Effluent			
2	Discharge	25/2/2014	W5/1I384/1	28/2/2019
	License			
	Billing			
	Account for			
3	Disposal of	16/12/2013	7018953	N.A.
	Construction			
	Waste			
4	Construction	N.A.	N.A.	N.A.
4	Noise Permit	IN.A.	IN.A.	IN.A.

#### Table 4.1 Summary of Environmental Permits/ Licenses

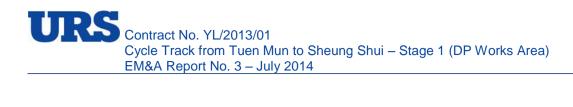
# 5. CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMEDIAL ACTION

5.1.1. The cumulative log of complaints, notices and summons is provided in **Appendix 4** where there were no complaints, summons nor notices reported since the commencement of the construction work so far.



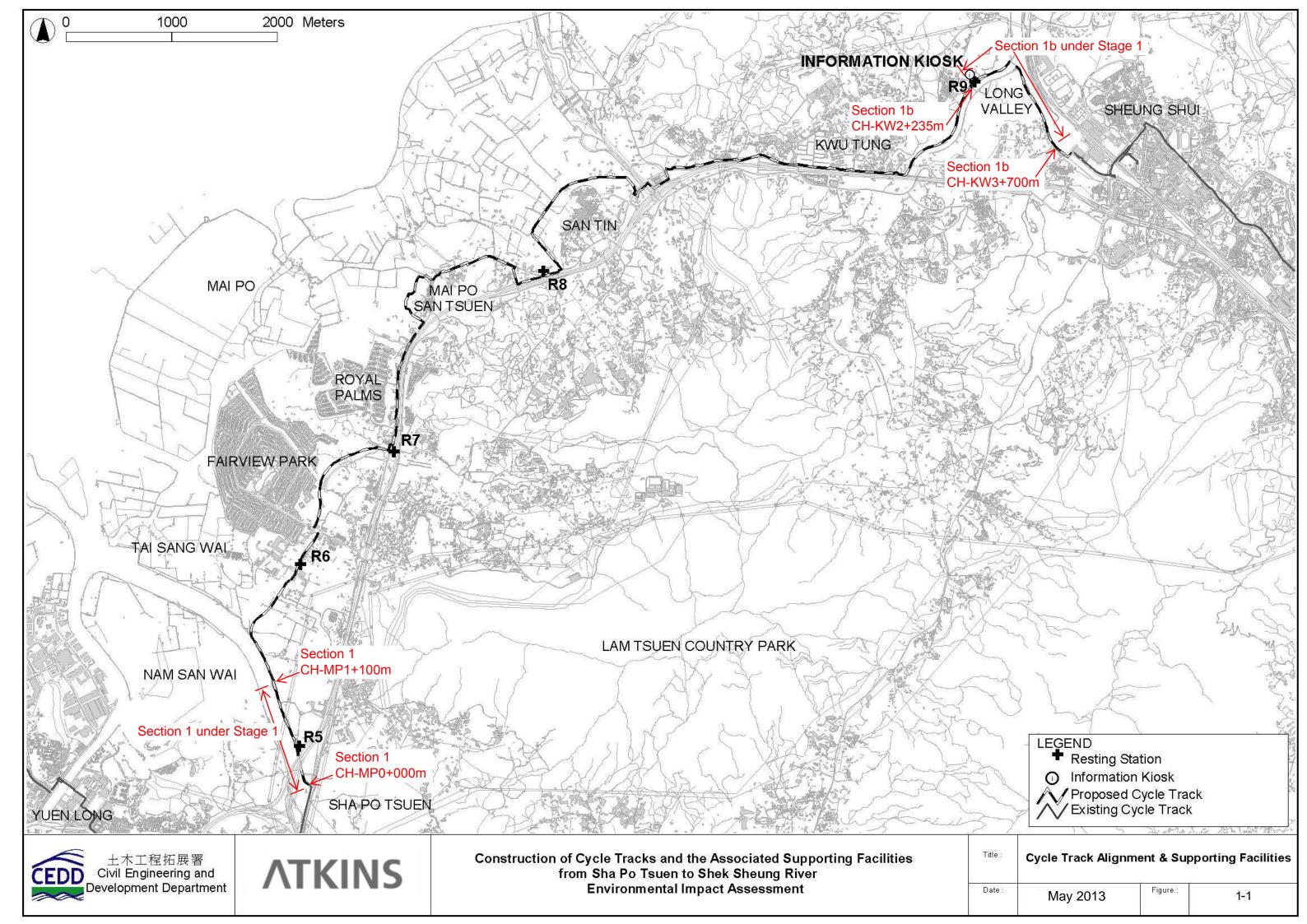
#### 6. CONCLUSIONS

- 6.1.1. There were no complaints, summons nor notices reported since the commencement of the construction work so far.
- 6.1.2. Several environmental issues have been identified by ET during site inspections in the reporting period, including storage of materials and plants next to existing trees and vegetation, trap of rainwater in excavated pit and side of road, and non-effective desilting measures.
- 6.1.3. The Contractor has implemented mitigation measures to address those problems. The measures taken by the Contractor were considered as effective to minimize negative impacts to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 6.1.4. The Contractor has been using the waste management and record system including allocation of waste storage areas and the trip ticket system as proposed in the EMP.
- 6.1.5. The ET will continue to implement the environmental monitoring & audit programme in accordance with the EM&A Manual requirements.





# APPENDIX 1 SITE LAYOUT PLANS





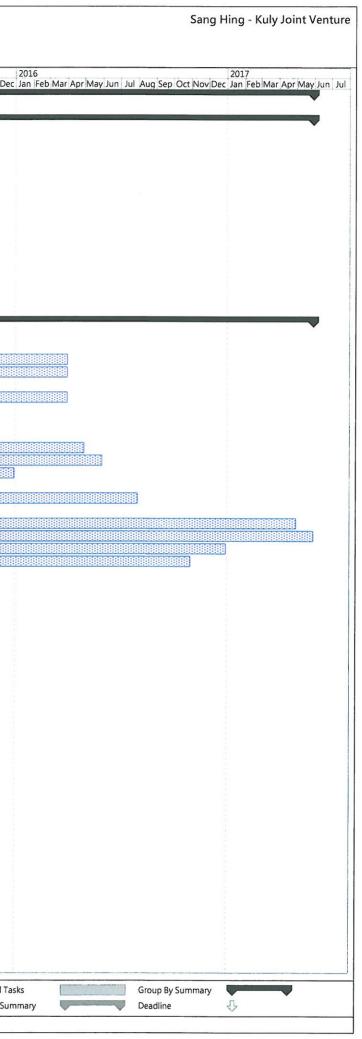


# APPENDIX 2 CONSTRUCTION PROGRAMME

#### Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

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Poriton I Portion J Portion K Portion M Section Completion of the Works Section W1A - Portions C1, C3 & G Section W1B - Portion C2 Section W2 - Portions D & E Section W2 - Portions D & E Section W4 - Portions H, 1 & K Section W4 - Portion J Section W5 - Portion J Section W8 - Landscape Softwor Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor	C4 rks within Portions C1, C3 & C4 rks within Portion C2	0 days 0 days 0 days 0 days 0 days 1279 days 548 days 854 days 854 days 701 days 854 days 639 days 609 days	Wed 14 Apr 30 Wed 14 Apr 30 Fri 13 Nov 29 Wed 14 Apr 30 Fri 13 Nov 29 Fri 13 Nov 29	Wed 14 Apr 30 4FS+153 days Wed 14 Apr 30 4FS+153 days Fri 13 Nov 29 Wed 14 Apr 30 4FS+153 days Fri 13 Nov 29 Tue 17 May 30 Sat 15 May 30 Fri 14 Aug 29 Thu 16 Mar 31 Thu 16 Mar 31 Fri 15 Oct 30	◆	1 11 1			
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Section W1A - Portions C1, C3 & C Section W1B - Portion C2 Section W2 - Portions D & E Section W3 - Portions D & E Section W4 - Portions H, 1 & K Section W5 - Portion J Section W7 - Portion M Section W8A - Landscape Softwor Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor Section W8D - Landscape Softwor	C4 rks within Portions C1, C3 & C4 rks within Portion C2	548 days 274 days 854 days 854 days 701 days 854 days 639 days 609 days	Fri 13 Nov 29 Fri 13 Nov 29	Sat 15 May 30 Fri 14 Aug 29 Thu 16 Mar 31 Thu 16 Mar 31 Fri 15 Oct 30					
Section W1B - Portion C2 Section W2 - Portions D & E Section W3 - Portions D & E Section W4 - Portions H, I & K Section W5 - Portion J Section W7 - Portion M Section W8A - Landscape Softwore Section W8B - Landscape Softwore Section W8C - Landscape Softwore Section W8D - Landscape Softwore	rks within Portions C1, C3 & C4 rks within Portion C2	274 days 854 days 854 days 701 days 854 days 639 days 609 days	Fri 13 Nov 29 Fri 13 Nov 29	Fri 14 Aug 29 Thu 16 Mar 31 Thu 16 Mar 31 Fri 15 Oct 30					
ection W3 - Portions G1 & G2 fection W4 - Portions H, I & K fection W5 - Portion J fection W7 - Portion M fection W8A - Landscape Softwor fection W8B - Landscape Softwor fection W8C - Landscape Softwor fection W8D - Landscape Softwor	ks within Portion C2	854 days 854 days 701 days 854 days 639 days 609 days	Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29	Thu 16 Mar 31 Thu 16 Mar 31 Fri 15 Oct 30					
ection W4 - Portions H, I & K ection W5 - Portion J ection W7 - Portion M ection W8A - Landscape Softwor ection W8B - Landscape Softwor ection W8C - Landscape Softwor ection W8D - Landscape Softwor	ks within Portion C2	701 days 854 days 639 days 609 days	Fri 13 Nov 29 Fri 13 Nov 29	Fri 15 Oct 30					
ection W5 - Portion J ection W7 - Portion M ection W8A - Landscape Softwor ection W8B - Landscape Softwor ection W8C - Landscape Softwor ection W8D - Landscape Softwor	ks within Portion C2	854 days 639 days 609 days	Fri 13 Nov 29		tel procession and the				
ection W7 - Portion M ection W8A - Landscape Softwor ection W8B - Landscape Softwor ection W8C - Landscape Softwor ection W8D - Landscape Softwor	ks within Portion C2	639 days 609 days							
ection W8A - Landscape Softwor ection W8B - Landscape Softwor ection W8C - Landscape Softwor ection W8D - Landscape Softwor	ks within Portion C2	609 days	Fri 13 Nov 70	Thu 16 Mar 31					
ection W8B - Landscape Softwor ection W8C - Landscape Softwor ection W8D - Landscape Softwor	ks within Portion C2			Sat 15 Aug 29					
ection W8C - Landscape Softwor ection W8D - Landscape Softwor			Fri 13 Nov 29 Fri 13 Nov 29	Thu 15 Jul 30 Fri 14 Aug 29					<u></u>
ection W8D - Landscape Softwor	AS WILLING FOR LUND OF COL	883 days	Fri 13 Nov 29	Fri 16 Apr 29					
		914 days	Fri 13 Nov 29	Mon 16 May 30					
ection W8E - Landscape Softwor		762 days	Fri 13 Nov 29	Wed 15 Dec 30					
ection W8F - Landscape Softwor		701 days	Fri 13 Nov 29	Fri 15 Oct 30					
ection W9A - Establishment Wor		975 days	Fri 13 Nov 29	Sat 16 Jul 30					
ection W9B - Establishment Worl ection W9C - Establishment Wor		639 days 1249 days	Fri 13 Nov 29 Fri 13 Nov 29	Sat 15 Aug 29					
ection W9D - Establishment Wor		1249 days	Fri 13 Nov 29	Sun 17 Apr 30 Tue 17 May 30					
ection W9E - Establishment Work		1128 days	Fri 13 Nov 29	Fri 16 Dec 30					
ection W9F - Establishment Work	s within Portion M	1067 days	Fri 13 Nov 29	Sun 16 Oct 30					
inary Works	an - an a	120 days	Fri 13 Nov 29	Fri 14 Mar 28					
in and approval of Hoarding & Fe		21 days	Fri 13 Nov 29	Thu 13 Dec 19 4					
truction of Hoarding & Fencing for p Engineer's Office & Temp Acco		21 days	Fri 13 Dec 20	Thu 14 Jan 9 41 Mon 14 Feb 17 41	188				
p Contractor's Site Office	Innonuation	60 days 45 days	Fri 13 Dec 20 Sat 14 Jan 4	Mon 14 Feb 17 41 Mon 14 Feb 17 43SS+15 days					
ission and construction of Projec	t Signboard	45 days	Fri 13 Dec 20	Sun 14 Feb 2 41					
topographic survey		120 days	Fri 13 Nov 29	Fri 14 Mar 28 4					
re, submit & Approve ICE		30 days	Fri 13 Nov 29	Sat 13 Dec 28 4	2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
re, Submit Draft Safety Plan		14 days	Fri 13 Nov 29	Thu 13 Dec 12 4					
w & Approve Safety Plan		35 days	Fri 13 Nov 29	Thu 14 Jan 2 4					
re, Submit Draft Environmental N		21 days	Fri 13 Nov 29	Thu 13 Dec 19 4					
w & Approve Environmental Mar re, Submit & Approve Traffic Cor		45 days	Fri 13 Nov 29 Fri 13 Nov 29	Sun 14 Jan 12 4 Sat 13 Dec 28 4					
re and Submit Smart Card Syster		30 days 30 days	Fri 13 Nov 29	Sat 13 Dec 28 4					
Sector System		50 0095	111 20 1404 20	50, 13 DUCED 7	Estera				
n W1A of the works - Portion C1	, C3 & C4	548 days	Fri 13 Nov 29	Sat 15 May 30					j.
	provement	548 days	Fri 13 Nov 29	Sat 15 May 30					1
on C3 - Tuen Mun Cycle Track Im		90 days	Fri 13 Nov 29	Wed 14 Feb 26				•	
on C3 - Tuen Mun Cycle Track Im reparation work and submissions		60 days	Fri 14 Oct 10	Mon 14 Dec 8 7655,57				<b>1</b>	
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a		128 days	Tue 14 Dec 9	Wed 15 Apr 15 58					
on C3 - Tuen Mun Cycle Track Im reparation work and submissions FM design & submission and XP a pad Works	application	60 days	Wed 15 Apr 1	Sat 15 May 30 59FS-15 days				4	
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a pad Works stallation of street furnitures / Rc	application		Fri 13 Nov 29	Mon 14 Dec 8	THE REAL PROPERTY OF		~	/	
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14	application pad marking	375 days	Fri 13 Nov 29 Mon 14 Mar 3	Wed 14 Feb 26 Sun 14 Mar 23 86SS,62	E				
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submissions	application pad marking	375 days 90 days	C IDIVI 14 IVIOI	Sun 14 Mar 23 8655,62 Sun 14 Mar 30 63					
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a oad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submissions ree Survey and submission	application pad marking	375 days 90 days 21 days							
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submissions	application pad marking	375 days 90 days 21 days 7 days	Mon 14 Mar 24 Mon 14 Mar 24	Sun 14 Apr 6 63	1 2 2 1 4	Tech II I			
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a oad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submissions ree Survey and submission te Clearance	application bad marking	375 days 90 days 21 days	Mon 14 Mar 24 Mon 14 Mar 24	Sun 14 Apr 6 63 Wed 14 May 21 65,64		HIRE I.			
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a oad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submissions ree Survey and submission te Clearance ree felling	application bad marking	375 days 90 days 21 days 7 days 14 days	Mon 14 Mar 24 Mon 14 Mar 24					8	
on C3 - Tuen Mun Cycle Track Im reparation work and submissions FM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submission ree Survey and submission te Clearance ee felling ection of Type 1 Hoarding (100m rainage works able duct laying with draw pits	application bad marking 1)	375 days 90 days 21 days 7 days 14 days 45 days	Mon 14 Mar 24 Mon 14 Mar 24 Mon 14 Apr 7	Wed 14 May 21 65,64			h		
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submission ree Survey and submission te Clearance ee felling ection of Type 1 Hoarding (100m rainage works able duct laying with draw pits stallation of irrigation pipe and ir	application bad marking 1)	375 days 90 days 21 days 7 days 14 days 45 days 45 days 28 days 21 days	Mon 14 Mar 24 Mon 14 Mar 24 Mon 14 Apr 7 Thu 14 May 22	Wed 14 May 21 65,64 Sat 14 Jul 5 66					
on C3 - Tuen Mun Cycle Track Im reparation work and submissions FM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submission ree Survey and submission te Clearance ee felling ection of Type 1 Hoarding (100m rainage works able duct laying with draw pits	application bad marking 1)	375 days 90 days 21 days 7 days 14 days 45 days 45 days 28 days	Mon 14 Mar 24 Mon 14 Mar 24 Mon 14 Apr 7 Thu 14 May 22 Sun 14 Jul 6	Wed 14 May 21 65,64 Sat 14 Jul 5 66 Sat 14 Aug 2 67					
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submission ree Survey and submission te Clearance ee felling ection of Type 1 Hoarding (100m rainage works able duct laying with draw pits stallation of irrigation pipe and ir	application bad marking n) rrigation point (3 nos.)	375 days 90 days 21 days 7 days 14 days 45 days 45 days 28 days 21 days 34 days	Mon 14 Mar 24 Mon 14 Mar 24 Mon 14 Apr 7 Thu 14 May 22 Sun 14 Jul 6 Sun 14 Jul 6 Sun 14 Aug 3	Wed 14 May 21 65,64 Sat 14 Jul 5 66 Sat 14 Aug 2 67 Sat 14 Jul 26 67 Fri 14 Sep 5 69,68		Rolled Lip Critical T		Rolled Lip Program	Eidersel 7-
on C3 - Tuen Mun Cycle Track Im reparation work and submissions IM design & submission and XP a bad Works stallation of street furnitures / Rc on C1 - Resting Station R14 reparation work and submission ree Survey and submission te Clearance ee felling ection of Type 1 Hoarding (100m rainage works able duct laying with draw pits stallation of irrigation pipe and ir	application bad marking 1)	375 days 90 days 21 days 7 days 14 days 45 days 45 days 28 days 21 days	Mon 14 Mar 24 Mon 14 Mar 24 Mon 14 Apr 7 Thu 14 May 22 Sun 14 Jul 6 Sun 14 Jul 6 Sun 14 Aug 3	Wed 14 May 21 65,64 Sat 14 Jul 5 66 Sat 14 Aug 2 67 Sat 14 Jul 26 67 Fri 14 Sep 5 69,68		Rolled Up Critical Tr Rolled Up Mileston		Rolled Up Progress	External Tas Project Surr
on orep TM oac sta on o rep ree te o	design & submission and XP a d Works Illation of street furnitures / Ro C1 - Resting Station R14 aration work and submissions Survey and submission Clearance	aration work and submissions Survey and submission Clearance	Clearance 7 days			reling 14 days Mon 14 Mar 24 Sun 14 Apr 6 63		tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64



Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

D	Task Name	Duration	Start	Finish Predecessors	2014 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De
1	Coordinate and request HyD to install Public lighting (5 nos)	60 days	Sun 14 Aug 3	Wed 14 Oct 1 70SS	
2	Installation of bicycle parking racks, shelter with bench	45 days	Sat 14 Sep 6		
3	Pavement	49 days	Tue 14 Oct 21	Mon 14 Dec 8 72	
1	Portion C4 - Bike Parking Area at Choy Yee Bridge	146 days	Fri 14 Oct 10	Wed 15 Mar 4	VIDEODCE
;	Submission and consent from MTRCL	45 days	Sat 14 Oct 25	Mon 14 Dec 8 77SS-45 days	
-	TTM design & submission and XP application	60 days	Fri 14 Oct 10	Mon 14 Dec 8 77SS-60 days Mon 14 Dec 15 73	
-	Site clearance	7 days	Tue 14 Dec 9	Mon 15 Jan 5 77	
-	Kerb laying Installation of bicycle parking racks	21 days 28 days	Tue 14 Dec 16 Tue 15 Jan 6	Mon 15 Feb 2 78	
	Paving block laying	30 days	Tue 15 Feb 3	Wed 15 Mar 4 79	
-	Completion of Section W1A	0 days	Sat 15 May 30	Sat 15 May 30 60,80	
		0 00,5	50(15 may 50	54(15)(16) 50 00,00	Y Y
-	4. Section W1B of the Works - Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
-	Resting Station R2 at Pui To Road (South) Rest Garden	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
-	Pocession of site	94 days	Fri 13 Nov 29	Sun 14 Mar 2	
	Site clearance	7 days	Mon 14 Mar 3	Sun 14 Mar 9 9,85	
1	Erection of Type 3 Hoarding	21 days	Mon 14 Mar 10	Sun 14 Mar 30 86	
1	Construction of DWAFT wall	58 days	Mon 14 Mar 31	Tue 14 May 27 87	
	Cable duct laying with draw pits	21 days	Wed 14 May 28	Tue 14 Jun 17 88	
	kerb laying	15 days	Wed 14 Jun 18	Wed 14 Jul 2 89	
1	Coordinate and request HyD to install Public lighting	30 days	Thu 14 Jul 3	Fri 14 Aug 1 90	
]	Installation of bicycle parking racks, shelter with bench	28 days	Thu 14 Jul 3	Wed 14 Jul 30 90	
	Pavement	30 days	Thu 14 Jul 31	Fri 14 Aug 29 92	
	Completion of Section W1B	0 days	Fri 14 Aug 29	Fri 14 Aug 29 93,91	₹
_					
-	5. Section W2 of the Works - Portions D & E	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
	Portion D	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
-	Tree survey and submission	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
	Preparation work	300 days	Mon 14 Jan 13	Sat 14 Nov 8	
-	tree felling / site clearance	120 days	Mon 14 Jan 13		
-	tree transplant	180 days	Fri 14 Mar 14	Tue 14 Sep 9 100SS+60 days	
-	Geotechnical instrumentation	180 days	Tue 14 May 13 Sat 14 Jun 14	Sat 14 Nov 8 10155+60 days Thu 16 Mar 31	
-	Construction of RW2 (29 Bays) and cycle track / footpath	657 days		Tue 16 Mar 29	
-	Bay 1 - Bay 8 Preloading exercise	515 days 140 days	Sat 14 Nov 1 Sat 14 Nov 1	Fri 15 Mar 20 111	The construction works adjacent to e
11	RC structure	60 days	Sun 15 Nov 1		
	Backfilling	60 days	Tue 15 Dec 1	Fri 16 Jan 29 106SS+30 days	
-	Drainage works & duct laying for lighting	30 days	Thu 15 Dec 31	Fri 16 Jan 29 107SS+30 days	
-	Road works - cycle track & footpath	60 days	Sat 16 Jan 30	Tue 16 Mar 29 108,107	
(12) ·	Bay 9 - Bay 16	290 days	Sat 14 Jun 14		
1	Preloading exercise	140 days	Sat 14 Jun 14	Fri 14 Oct 31 102SS+32 days	
-	RC structure	60 days	Sat 14 Nov 1	Tue 14 Dec 30 111	
1	Backfilling	60 days	Mon 14 Dec 1	Thu 15 Jan 29 112SS+30 days	
-	Drainage works & duct laying for lighting	30 days	Wed 14 Dec 31	Thu 15 Jan 29 113SS+30 days	
	Road works - cycle track & footpath	60 days	Fri 15 Jan 30	Mon 15 Mar 30 113,114	
	Bay 17 - Bay 24	290 days	Sat 15 Mar 21	Mon 16 Jan 4	
	Preloading exercise	140 days	Sat 15 Mar 21	Fri 15 Aug 7 105	
	RC structure	60 days	Sat 15 Aug 8	Tue 15 Oct 6 117,112	
	Backfilling	60 days	Mon 15 Sep 7	Thu 15 Nov 5 118SS+30 days,1	
	Drainage works & duct laying for lighting	30 days	Wed 15 Oct 7	Thu 15 Nov 5 1195S+30 days	
	Road works - cycle track & footpath	60 days	Fri 15 Nov 6	Mon 16 Jan 4 119,120,115	
-	Bay 25 - Bay 29	237 days	Sat 15 Aug 8	Thu 16 Mar 31	
-	Preloading exercise	135 days	Sat 15 Aug 8	Sun 15 Dec 20 117	
-	RC structure	45 days	Mon 15 Dec 21	Wed 16 Feb 3 123,118	
_	Backfilling	45 days	Tue 16 Jan 5	Thu 16 Feb 18 124SS+15 days,1	
-	Drainage works & duct laying for lighting	30 days	Wed 16 Jan 20	Thu 16 Feb 18 12555+15 days	
-	Road works - cycle track & footpath	42 days	Fri 16 Feb 19	Thu 16 Mar 31 125,126,121	
	Construction of Resting Station R9	60 days	Sat 16 Jan 30	Tue 16 Mar 29 107	
-	Construction RW4 (17 Bays) and cycle track / footpath	517 days	Sat 14 Nov 1	Thu 16 Mar 31	
_	Bay 1 - Bay 6	220 days	Sat 14 Nov 1	Mon 15 Jun 8	It is expected the duration of preloa
-	Preloading exercise	145 days	Sat 14 Nov 1	Wed 15 Mar 25 111	
-	RC structure	30 days	Thu 15 Mar 26	Fri 15 Apr 24 131	
-	Backfilling Drainage works & duct laving for lighting	30 days	Fri 15 Apr 10 Sat 15 Apr 25	Sat 15 May 9 132SS+15 days Sat 15 May 9 133SS+15 days	
-	Drainage works & duct laying for lighting	15 days	and the second se	Mon 15 Jun 8 133,134	
-	Road works - cycle track & footpath Bay 7 - Bay 12	30 days	Sun 15 May 10 Thu 15 Mar 26	Sat 15 Oct 31	
	Bay 7 - Bay 12 Preloading exercise	220 days 145 days	Thu 15 Mar 26	Mon 15 Aug 17 131	
-	RC structure	30 days	Tue 15 Aug 18	Wed 15 Sep 16 137,132,135	
	Backfilling	30 days	Wed 15 Sep 2	Thu 15 Oct 1 138SS+15 days,1	
_	Drainage works & duct laying for lighting	15 days	Thu 15 Sep 17	Thu 15 Oct 1 13955+15 days,1	
		10 0035			
YL/2013 ate: 29 N	D1 Task	Prog	ress	Summary	Rolled Up Critical Task Rolled Up Progress
te: 29 N sion: 09 D	ec 2013 Critical Task		stone	Rolled Up Task	States (States) Balled Up Milectone C Split Project

Page 2

Sang Hing	g - Kuly	Joint	Venture
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2016 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct No	2017
Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct No	ov Dec Jan Feb Mar Apr May Jun Jul
existing fish pond to be undertaken during Dry Seas	on
The construction work adjacent to existing fish	n pond to be undertaken during Dry
ding exercise would be shortened, so the 2nd batch	of concrete blocks may not require.
2	1
al Tasks Group By Summ	
	ary 🖓
t Summary Deadline	V

#### Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

	sk Name	Duration	Start	Finish Predecessors	2014
141 141	Road works - cycle track & footpath				2014 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
142	Bay 13 - Bay 17	30 days 227 days	Fri 15 Oct 2 Tue 15 Aug 18	Sat 15 Oct 31 139,140 Thu 16 Mar 31	
143	Preloading exercise	152 days	Tue 15 Aug 18	Sat 16 Jan 16 137	
144	RC structure	30 days	Sun 16 Jan 17		
145	Backfilling	30 days	Mon 16 Feb 1	Tue 16 Mar 1 144SS+15 days	
146	Drainage works & duct laying for lighting	15 days	Tue 16 Feb 16	Tue 16 Mar 1 145SS+15 days	
147	Road works - cycle track & footpath	30 days	Wed 16 Mar 2	Thu 16 Mar 31 145,146	
148	Portion E	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
149	Tree Survey and submission	60 days	Fri 13 Nov 29	Mon 14 Jan 27	
150	Preparation works	255 days	Tue 14 Jan 28	Thu 14 Oct 9	
151	tree felling / site clearance	120 days	Tue 14 Jan 28	,	T <sup>E</sup>
152 153	tree transplant	240 days	Wed 14 Feb 12	Thu 14 Oct 9 151SS+15 days	
153	Construction of RW1 (36 Bays) and cycle track/footpath/treepits/drainage	734 days	Sat 14 Mar 29	Thu 16 Mar 31	
154	Bay 1 - Bay 5	150 days	Tue 15 Nov 3	Thu 16 Mar 31 160	
155	Bay 6 - Bay 10	95 days	Sat 14 Mar 29	Tue 14 Jul 1 152SS+45 days	<b>₩3 33 3333</b> .
156	Bay 11 - Bay 15	95 days	Wed 14 Jul 2	Sat 14 Oct 4 155	
157	Bay 16 - Bay 20	95 days	Sun 14 Oct 5	Wed 15 Jan 7 156	
158	Bay 21 - Bay 25	95 days	Thu 15 Jan 8	Sun 15 Apr 12 157	
159	Bay 26 - Bay 30	95 days	Mon 15 Apr 13	Thu 15 Jul 16 158	
160	Bay 31 - Bay 36	109 days	Fri 15 Jul 17	Mon 15 Nov 2 159	
161	Construction of RW5 (14 Bays) and cycle	284 days	Mon 15 Jun 22	Thu 16 Mar 31	
162	track/footpath/treepits/drainage Bay 1 - Bay 5	95 days	Mon 15 Jun 22	Thu 15 Sep 24 171	
163	Bay 6 - Bay 10	95 days	Fri 15 Sep 25	Mon 15 Dec 28 162	
164	Bay 11 - Bay 14	94 days	Tue 15 Dec 29	Thu 16 Mar 31 163	
165	Construction of RW8 (28 Bays) and cycle track/footpath/o		Sat 14 Mar 29	Sun 15 Jun 21	
		5			
166	Bay 1 - Bay 5	75 days	Sat 14 Mar 29	Wed 14 Jun 11 152SS+45 days	
167 168	Bay 6 - Bay 10	75 days	Thu 14 Jun 12	•	
169	Bay 11 - Bay 15	75 days	Tue 14 Aug 26	Sat 14 Nov 8 167	
170	Bay 16 - Bay 20 Bay 21 - Bay 25	75 days	Sun 14 Nov 9	Thu 15 Jan 22 168	
171	Bay 26 - Bay 28	75 days	Fri 15 Jan 23	Tue 15 Apr 7 169	
172	Completion of Section W2	75 days 0 days	Wed 15 Apr 8 Thu 16 Mar 31	Sun 15 Jun 21 170 Thu 16 Mar 31 127,128,147,154	
173		0 00,0	1110 10 1110 01	110 10 101 11 12/,120,14/,134	
	6. Section W3 of the Works - Portions G1 & G2	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
175	Tree survey and submission	21 days	Fri 13 Nov 29	Thu 13 Dec 19	
176	Tree felling / site clearance	60 days	Fri 13 Dec 13	Mon 14 Feb 10 175SS+14 days	
177 178	Hoarding erection	120 days	Fri 13 Dec 27	Fri 14 Apr 25 176SS+14 days	
179	Temp foothpath diversion / Trial pits (2 nos.) Footpath diversion	28 days	Fri 13 Nov 29	Thu 13 Dec 26	
180	Utility detection / utility mapping / submission	60 days	Fri 13 Dec 27	Mon 14 Feb 24 176SS+14 days,	Provide the second
181	Utility diversion - CLP/HKBN & removal of street lighting / irriga	45 days ation pipe 180 days	Fri 13 Nov 29 Fri 13 Nov 29	Sun 14 Jan 12 Tue 14 May 27	
	w/ water points	stion pipe 100 days	FIT 15 NOV 25	Tue 14 May 27	
182	Consent from MTRCL	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
183	Tree transplant	150 days	Fri 13 Dec 20	Sun 14 May 18 175	
184	Constructed & removal of existing underground drainage	90 days	Tue 14 Feb 25	Sun 14 May 25 180,179,182	
185	Construction of public toilet	363 days	Mon 14 Jan 13	Sat 15 Jan 10	
186	Excavation for sub-structure	21 days	Mon 14 Jan 13	Sun 14 Feb 2 180,182	
187	Disposal of excavated material to Employer's tip at LianTang	-	Mon 14 Jan 13	Sun 14 Feb 2 186SS	
188	Construction of concrete footing	42 days	Mon 14 Feb 3	Sun 14 Mar 16 187,186	
189 190	RC structures Internal finishes	105 days	Mon 14 Mar 17	Sun 14 Jun 29 188	
190	Electrical installation	105 days	Mon 14 Jun 30	Sun 14 Oct 12 189	
192	External finishes	105 days	Fri 14 Aug 29	Thu 14 Dec 11 190SS+60 days	
192	Construction of Kiosks	105 days 462 days	Sun 14 Sep 28 Wed 14 May 28	Sat 15 Jan 10 190SS+90 days	
194	Excavation for sub-structure	462 days 42 days	Wed 14 May 28 Wed 14 May 28	Tue 15 Sep 1 Tue 14 Jul 8 181,183SS+90 da	
195	Disposal of excavated material to Employer's tip at LianTang		Wed 14 May 28 Wed 14 May 28	Tue 14 Jul 8 194SS	
196	Construction of concrete footing	60 days	Wed 14 May 28 Wed 14 Jul 9	Sat 14 Sep 6 195,194,184	
197	RC structures	135 days	Sun 14 Sep 7	Mon 15 Jan 19 196,189	10000000000000000000000000000000000000
198	Internal finishes	135 days	Tue 15 Jan 20	Wed 15 Jun 3 197,190	
199	Electrical installation	135 days	Sat 15 Mar 21	Sun 15 Aug 2 198SS+60 days,1	
200	External finishes	135 days	Mon 15 Apr 20	Tue 15 Sep 1 1985S+90 days,1	
201	Drainage works	90 days		Mon 15 Nov 30 200,198,199	
202	Laying of watermains and irrigation system	60 days	Fri 15 Oct 2	Mon 15 Nov 30 201SS+30 days	
203	Kerb laying / planter	90 days	Tue 15 Dec 1	Sun 16 Feb 28 202	
204	Construction of paving slab	77 days	Fri 16 Jan 15	Thu 16 Mar 31 203SS+45 days	
205	Construction of cycle track and footpath	90 days	Tue 15 Dec 1	Sun 16 Feb 28 202	
206	TTM submission for relocation of Bus Stop	90 days	Wed 15 Sep 2	Mon 15 Nov 30 207SS-90 days	
207	Relocation of Bus Stop and construction of layby for cyclists pickup/drop off	90 days	Tue 15 Dec 1	Sun 16 Feb 28 205SS	
oject: YL/2013/01					
ta Date: 29 Nov 2013 bmission: 09 Dec 2013	Task Critical Task	Prog		Summary	Rolled Up Critical Task Rolled Up Progress External Ta
	Critical Task	Miles	itone	Rolled Up Task	Rolled Up Milestone 🛇 Split Project Sur
					Page 3

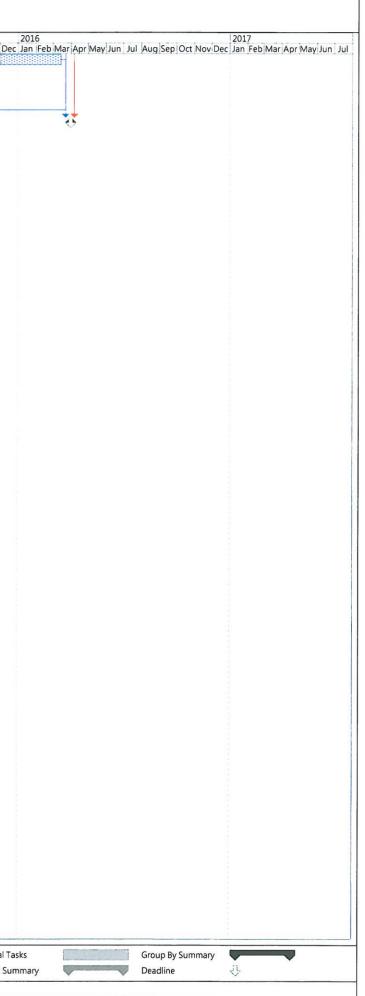
# 2016 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Tasks Group By Summary -Summary Deadline S

### Sang Hing - Kuly Joint Venture

#### Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

75 ect: YL/2013/01 a Date: 29 Nov 20	Task	Progr	ess 🗖	Summary	Rolled Up Critical Task Rolled Up Progress
5					
0	CHA - E2+265 ~ E2+370 Wan Tat Road	46 days	Tue 15 Sep 15	Fri 15 Oct 30 274	
74	E1+700 ~ E1+700 E1+700 ~ E1+800	52 days	Sat 15 Jul 25	Mon 15 Sep 14 273	
73	E1+500 ~ E1+600 E1+600 ~ E1+700	25 days 25 days	Fri 15 Jun 5 Tue 15 Jun 30	Mon 15 Jun 29 271 Fri 15 Jul 24 272	
71 72	E1+400 ~ E1+500 E1+500 ~ E1+600	52 days	Tue 15 Apr 14	Thu 15 Jun 4 270	
70	E1+300 ~ E1+400	25 days	Fri 15 Mar 20	Mon 15 Apr 13 269	
59	E1+200 ~ E1+300	25 days	Mon 15 Feb 23	Thu 15 Mar 19 268	
58	E1+100 ~ E1+200	25 days	Thu 15 Jan 29	Sun 15 Feb 22 258	
57	CHA - E1+100 ~ E1+800 Ping Shan	229 days	Thu 15 Jan 29	Mon 15 Sep 14	
56	Works at Yuen Long Preparation work, TTM and submsions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
55	Improvement of Cycle Tracks, Footpaths & associated Road Works at Yuen Long	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
54	Portion K	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
3	D0+300 ~ D0+380	68 days	Mon 15 Aug 24	Fri 15 Oct 30 262	
52	D0+200 ~ D0+300	71 days	Sun 15 Jun 14	Sun 15 Aug 23 261	h h
51	D0+100 ~ D0+200	68 days	Tue 15 Apr 7	Sat 15 Jun 13 260	
50	D0+000 ~ D0+100	68 days	Thu 15 Jan 29 Thu 15 Jan 29	Mon 15 Apr 6 258	BROOKING.
9	CHA - D0+000 ~ D0+380	68 days 275 days	Sat 14 Nov 22 Thu 15 Jan 29	Wed 15 Jan 28 257 Fri 15 Oct 30	
3	E0+200 ~ E0+300 E0+300 ~ E0+345	68 days	Mon 14 Sep 15	Fri 14 Nov 21 256	
5	$E0+100 \sim E0+200$ $E0+200 \sim E0+300$	68 days	Wed 14 Jul 9	Sun 14 Sep 14 255	
	$E0+000 \sim E0+100$	68 days	Fri 14 May 2	Tue 14 Jul 8 1555+1 day	
4 5	CHA - E0+000 ~ E0+345	272 days	Fri 14 May 2	Wed 15 Jan 28	
3	A10+100 ~ A10+169	71 days	Fri 15 Aug 21	Fri 15 Oct 30 252	
2	A10+000 ~ A10+100	68 days	Sun 15 Jun 14	Thu 15 Aug 20 251	
L	A9+900 ~ A10+000	68 days	Tue 15 Apr 7	Sat 15 Jun 13 250	
)	A9+800 ~ A9+900	68 days	Thu 15 Jan 29	Mon 15 Apr 6 249	
	A9+700 ~ A9+800	68 days	Sat 14 Nov 22	Wed 15 Jan 28 248	
	A9+500 ~ A9+600 A9+600 ~ A9+700	68 days 68 days	Wed 14 Jul 9 Mon 14 Sep 15	Sun 14 Sep 14 246 Fri 14 Nov 21 247	ESSERE F
	A9+400 ~ A9+500 A9+500 ~ A9+600	68 days	Fri 14 May 2	Tue 14 Jul 8 15SS+1 day	
_	A9+300 ~ A9+400	68 days	Mon 15 Aug 24	Fri 15 Oct 30 244	
-	A9+200 ~ A9+300	68 days	Wed 15 Jun 17	Sun 15 Aug 23 243	
	A9+100 ~ A9+200	68 days	Fri 15 Apr 10	Tue 15 Jun 16 242	
2	A9+000 ~ A9+100	68 days	Sun 15 Feb 1	Thu 15 Apr 9 241	
i i i i i i i i i i i i i i i i i i i	A8+900 ~ A9+000	68 days	Tue 14 Nov 25	Sat 15 Jan 31 240	
)	A8+800 ~ A8+900	68 days	Thu 14 Sep 18	Mon 14 Nov 24 239	
	A8+585 ~ A8+700 A8+700 ~ A8+800	71 days 68 days	Fri 14 May 2 Sat 14 Jul 12	Fri 14 Jul 11 15SS+1 day Wed 14 Sep 17 238	
	CHA - A8+585 ~ A10+169 A8+585 ~ A8+700	547 days	Fri 14 May 2 Fri 14 May 2	Fri 15 Oct 30	
	Preparation work, TTM and submissions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
	Works at Hung Shui Kiu				
5	Improvement of Cycle Tracks, Footpaths & associated Road	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
1	Portion I	701 days	Thu 15 Aug 13 Fri 13 Nov 29	Fri 15 Oct 30	
3	A8+500 ~ A8+500 A8+500 ~ A8+560	78 days 79 days	Wed 15 May 27	Wed 15 Aug 12 231 Fri 15 Oct 30 232	
1	A8+300 ~ A8+400 A8+400 ~ A8+500	78 days	Tue 15 Mar 10	Tue 15 May 26 230	
)	A8+200 ~ A8+300	78 days	Mon 14 Dec 22	Mon 15 Mar 9 229	
9	A8+100 ~ A8+200	78 days	Sun 14 Oct 5	Sun 14 Dec 21 228	
8	A8+000 ~ A8+100	78 days	Sat 14 Jul 19	Sat 14 Oct 4 227	La contra da contra d
7	A7+900 ~ A8+000	78 days	Fri 14 May 2	Fri 14 Jul 18 14SS+1 day	
5	A7+800 ~ A7+900	79 days	Thu 15 Aug 13	Fri 15 Oct 30 225	
5	A7+700 ~ A7+800	78 days	Wed 15 May 27	Wed 15 Aug 12 224	
4	A7+600 ~ A7+700	78 days	Tue 15 Mar 10	Tue 15 May 26 223	
3	A7+400 ~ A7+500 A7+500 ~ A7+600	78 days 78 days	Sun 14 Oct 5 Mon 14 Dec 22	Sun 14 Dec 21 221 Mon 15 Mar 9 222	
21 22	A7+300 ~ A7+400	78 days	Sat 14 Jul 19	Sat 14 Oct 4 220	
0	A7+200 ~ A7+300	78 days	Fri 14 May 2	Fri 14 Jul 18 14SS+1 day	
9	CHA - A7+200 ~ A8+560	547 days	Fri 14 May 2	Fri 15 Oct 30	
8	Preparation work, TTM and submissions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
/	Improvement of Cycle Tracks, Footpaths & associated Road Works at Lam Tei	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
l6	Portion H	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
5	7. Section W4 of the Works - Portions H, I & K	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
.4		0 days		110 10 101 01 212,20 1,207,200,	
13	Backfilling and construction of cycle track and footpath Completion of Section W3	150 days 0 days	Wed 15 May 20 Thu 16 Mar 31	Fri 15 Oct 16 211 Thu 16 Mar 31 212,204,207,208,	
1 2	Construction of RWH1	120 days	Tue 15 Jan 20	Tue 15 May 19 197	
0	TTM submission	90 days	Wed 14 Oct 22	Mon 15 Jan 19 211SS-90 days	
9	Realignment of Cycle track and footpath at Ng Lau Road	360 days	Wed 14 Oct 22	Fri 15 Oct 16	
	Construction of bicycle parking racks	105 days	Tue 15 Dec 1	Mon 16 Mar 14 201	



Sang Hing - Kuly Joint Venture

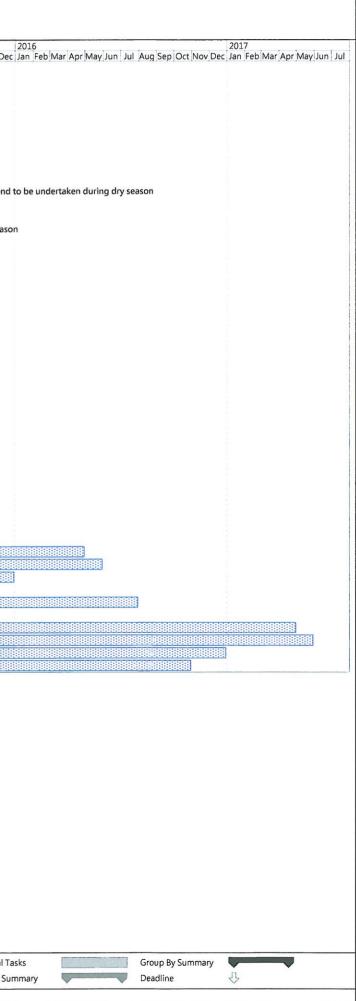
	from Tuen Mun to Sheugn Shui - Stage 1				
	amme of the Works				
0	fask Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De
5	CHA - m0+00 ~ m0+200 YOHO Town Phase 3 Development	125 days	Mon 14 Oct 13	Sat 15 Feb 14 282	
	CHA - E5+840 ~ E5+915 Pok Io	50 days	Sun 15 Feb 15	Sun 15 Apr 5 276	
	Stream Decking STR1	240 days	Thu 14 May 1	Fri 14 Dec 26	
	Submission and consent from MTRCL	30 days	Thu 14 May 1	Fri 14 May 30 17SS	
	ELS / Excavation	60 days	Sat 14 May 31	Tue 14 Jul 29 279	
	Base slab	30 days	Wed 14 Jul 30	Thu 14 Aug 28 280	
	Wall and top Slab	45 days	Fri 14 Aug 29		
	Railing	45 days	Mon 14 Oct 13		
	Road works / Pavement	30 days	Thu 14 Nov 27	Fri 14 Dec 26 283	
	Resting Station R4	208 days	Mon 15 Apr 6	Fri 15 Oct 30	
_	Tree survey and submission	14 days	Mon 15 Apr 6	Sun 15 Apr 19 277	
	Site clearance	7 days	Mon 15 Apr 20	Sun 15 Apr 26 286	
_	Erection of temporary chain-link fence	14 days	Mon 15 Apr 27		
_	Tree felling	7 days	Mon 15 May 11	-	
-	Drainage works	21 days	Mon 15 May 18	Sun 15 Jun 7 289	
	Cable duct laying with draw pits Installation of irrigation pipe and irrigation point (3 nos.)	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
-	Kerb laying	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
-	Coordinate and request HyD to install Public lighting (4 nos)	30 days 60 days	Fri 15 Jul 3 Fri 15 Jul 3	Sat 15 Aug 1 291,292 Mon 15 Aug 31 293SS	
-	Installation of bicycle parking racks, shelter with bench	45 days	Sun 15 Aug 2	Tue 15 Sep 15 293	
	Pavement	45 days 45 days	Wed 15 Sep 16	Fri 15 Oct 30 295	
	Completion of Section W4	0 days	Fri 15 Oct 30	Fri 15 Oct 30 226,233,245,253	
		o days	11115 000 50	111 15 000 50 220,255,245,255	$\nabla$
	8. Section W5 of the Works - Portion J	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
	Tree survey and submission	14 days	Fri 13 Nov 29	Thu 13 Dec 12	
	Tree felling / site clearance	14 days	Fri 13 Dec 6	Thu 13 Dec 19 300SS+7 days	
1	Hoarding erection	90 days	Fri 13 Dec 20	Wed 14 Mar 19 301	
1	Trial pits (4 nos.)	48 days	Fri 13 Nov 29	Wed 14 Jan 15	
	Utility detection / detection of existing DN1000 rising main sewer / utility	30 days	Fri 13 Nov 29	Sat 13 Dec 28	
_	mapping / submission				
	Utility diversion - gas main & PCCW cable by others	90 days	Sun 13 Dec 29	Fri 14 Mar 28 304	
	Tree transplant Construction of food kiosk and metter room	90 days	Fri 13 Dec 13	Wed 14 Mar 12 300	
-	Excavation for sub-structure	426 days	Mon 14 Feb 3	Sat 15 Apr 4	
	Disposal of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days 21 days	Mon 14 Feb 3 Mon 14 Feb 3	Sun 14 Feb 23 302SS+45 days, Sun 14 Feb 23 308SS	
	Construction of concrete footing	45 days	Mon 14 Feb 24	Wed 14 Apr 9 309,308	
-	RC structures	150 days	Thu 14 Apr 10	Sat 14 Sep 6 310	
	Internal finishes	120 days	Sun 14 Sep 7	Sun 15 Jan 4 311	
	Electrical installation	120 days	Thu 14 Nov 6	Thu 15 Mar 5 312SS+60 days	
	External finishes	120 days	Sat 14 Dec 6	Sat 15 Apr 4 312SS+90 days	
_	Construction of first aid and cycle rental kiosks	426 days	Sat 14 Mar 29	Thu 15 May 28	
	Excavation for sub-structure	21 days	Sat 14 Mar 29	Fri 14 Apr 18 302SS+60 days,	31
	Disposla of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Sat 14 Mar 29	Fri 14 Apr 18 316SS	
	Construction of concrete footing	45 days	Sat 14 Apr 19	Mon 14 Jun 2 317,316,310	
-	RC structures	150 days	Tue 14 Jun 3	Thu 14 Oct 30 318	
1	Internal finishes	120 days	Fri 14 Oct 31	Fri 15 Feb 27 319	
1	Electrical installation	120 days	Tue 14 Dec 30	Tue 15 Apr 28 320SS+60 days	
1	External finishes	120 days	Thu 15 Jan 29	Thu 15 May 28 320SS+90 days	
	Construction of public toilet	426 days	Mon 14 Apr 28	Sat 15 Jun 27	
	Excavation for sub-structure	21 days	Mon 14 Apr 28	Sun 14 May 18 316SS+30 days	
	Disposal of excavated material to Employer's tip at LianTang and DSD	21 days	Mon 14 Apr 28	Sun 14 May 18 324SS	
	Contract DC/2010/02 Construction of concrete footing	45 -1	Man 1414	Mi-11/10 205 201 210	
	RC structures	45 days 150 days	Mon 14 May 19	Wed 14 Jul 2 325,324,310	
	Internal finishes	150 days 120 days	Thu 14 Jul 3 Sun 14 Nov 30	Sat 14 Nov 29 326 Sun 15 Mar 29 327	
	Electrical installation	120 days 120 days	Thu 15 Jan 29	Thu 15 May 28 328SS+60 days	
	External finishes	120 days	Sat 15 Feb 28	Sat 15 Jun 27 328SS+90 days	
	Drainage works	90 days	Sun 15 Jun 28	Fri 15 Sep 25 314,322,330,312	
	Laying of watermains and irrigation system	60 days	Tue 15 Jul 28	Fri 15 Sep 25 331SS+30 days	
	Kerb laying / planter	120 days	Sat 15 Sep 26	Sat 16 Jan 23 332,331	
	Construction of paving slab	128 days	Wed 15 Nov 25	Thu 16 Mar 31 333SS+60 days	
-	Completion of Section W5	0 days	Thu 16 Mar 31	Thu 16 Mar 31 334	
1	el Capital de la companya de la compa				V
1	9. Section W7 of the Works - Portion M	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
	Cycle Tracks, Footpaths & associated Road Works at Kam Tin River	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
	CH - MP0+000 ~ MP1+100	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
	Tree survey and submission	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
	Tree Transplant	150 days	Mon 14 Jan 13	Wed 14 Jun 11 340	
	Construction of cycle track / footpath	504 days	Sun 14 Apr 13	Sat 15 Aug 29	
YL/2013/01 te: 29 Nov 2013	Task 🔛	Progr	ess	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
	a bounded			outinity	tened op entities take protocological     tened op indiges      External rasks     Gloup by summary

#### Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

0	Task Name	Duration	Start	Finish	Predecessors	2014 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov I
3	MP0+000 ~ MP0+080 proposed fill slope	120 days	Wed 14 Oct 29	Wed 15 Feb 25	368	
4	MP0+100 ~ MP0+160 L-shape RW3	90 days	Wed 15 Apr 1	Mon 15 Jun 29	361,343	
5	MP0+160 ~ MP0+300 widening of existing footpath	60 days	Tue 15 Jun 30	Fri 15 Aug 28	344	
6	MP0+300 ~ MP0+400	45 days	Thu 15 Jul 16	Sat 15 Aug 29	372,347	
7	MP0+400 ~ MP0+500	45 days	Mon 15 Jun 1	Wed 15 Jul 15	348	
3	MP0+500 ~ MP0+580 U-shape RW6	87 days	Fri 15 Mar 6	Sun 15 May 31	349	
	MP0+580 ~ MP0+760	60 days	Mon 15 Jan 5	Thu 15 Mar 5	353	
	MP0+760 ~ MP0+830 U-shape RW7	87 days	Mon 14 Aug 11	Wed 14 Nov 5	351	
	MP0+830 ~ MP1+025	60 days	Thu 14 Jun 12	Sun 14 Aug 10	352	
	MP1+025 ~ MP1+050 U-shape RW	60 days	Sun 14 Apr 13	Wed 14 Jun 11	341SS+90 days	
	MP1+050 ~ MP1+100 DWARF wall	60 days	Thu 14 Nov 6	Sun 15 Jan 4	350	The construction works adjacent existing fish po
	Stream Decking STR2	331 days	Sun 14 Aug 3	Mon 15 Jun 29		
	TDMP design and submission	90 days	Sun 14 Aug 3	Fri 14 Oct 31	356SS-90 days	
111	Temporary flow diversion for south half portion	14 days	Sat 14 Nov 1	Fri 14 Nov 14		The construction works to be undertaken during Dry Se
	Demolition of exisitng base slab and wing wall	21 days	Sat 14 Nov 15	Fri 14 Dec 5	356	
	Construction of box culvert and base slab / wing wall W2 of outlet	41 days	Sat 14 Dec 6	Thu 15 Jan 15	357	
	Temporary flow diversion for north half portion	14 days	Fri 15 Jan 16	Thu 15 Jan 29		
	Demolition of existing base slab and wing wall	21 days	Fri 15 Jan 30	Thu 15 Feb 19		
	Construction of box culvert and base slab / wing wall W1 of outlet	40 days	Fri 15 Feb 20	Tue 15 Mar 31	360	
	Railing installation and road works	90 days	Wed 15 Apr 1	Mon 15 Jun 29		
	Resting Station R5	322 days	Sun 14 Apr 13	Sat 15 Feb 28		
	Site Clearance	7 days	Sun 14 Apr 13	Sat 14 Apr 19	341SS+90 days	
	Erection of Type 1 Hoarding	30 days	Sun 14 Apr 20	Mon 14 May 19	364	
	Tree felling / tree tranplant	162 days	Tue 14 May 20	Tue 14 Oct 28	365	
1	Construction of planter wall	120 days	Tue 14 Jun 10	Tue 14 Oct 7	366SS+21 days	
1	Backfilling	21 days	Wed 14 Oct 8	Tue 14 Oct 28	367	
	Drainage works	60 days	Wed 14 Oct 29	Sat 14 Dec 27	368,366	
	Cable duct laying with draw pits	21 days	Wed 14 Oct 29	Tue 14 Nov 18	368,366	
	Installation of irrigation pipe and irrigation point (2 nos.)	21 days	Wed 14 Nov 19	Tue 14 Dec 9	370	
	Kerb laying	30 days	Wed 14 Dec 10	Thu 15 Jan 8	370,371	
	Coordinate and request HyD to install Public lighting (3 nos)	60 days	Wed 14 Dec 10	Sat 15 Feb 7	372SS	
	Installation of bicycle parking racks, shelter with bench	21 days	Fri 15 Jan 9	Thu 15 Jan 29	372	
	Pavement	30 days	Fri 15 Jan 30	Sat 15 Feb 28	374	
	Completion of Section W7	0 days	Sat 15 Aug 29	Sat 15 Aug 29	345,346,362,375	
	Section W8A - Landscape Softworks within Portions C1, C3 & C4	609 days	Fri 13 Nov 29	Thu 15 Jul 30		
-	Section W8B - Landscape Softworks within Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29		
	Section W8C - Landscape Softworks within Portion G1 & J	883 days	Fri 13 Nov 29	Fri 16 Apr 29		
1	Section W8D - Landscape Softworks within Portion D & E	914 days	Fri 13 Nov 29	and the second second second		
	Section W8E - Landscape Softworks within Portions I & K	762 days	Fri 13 Nov 29	Wed 15 Dec 30		
	Section W8F - Landscape Softworks within Portion M	701 days	Fri 13 Nov 29	Fri 15 Oct 30		
	Section W9A - Establishment Works within Portions C1, C3 & C4	975 days	Fri 13 Nov 29	Sat 16 Jul 30		
-	Section W9B - Establishment Works within Portion C2	639 days	Fri 13 Nov 29	Sat 15 Aug 29		
	Section W9C - Establishment Works within Portions G1 & J	1249 days	Fri 13 Nov 29	Sun 17 Apr 30		
	Section W9D - Establishment Works within Portions D & E	1279 days	Fri 13 Nov 29	Tue 17 May 30		
-	Section W9E - Establishment Works within Portion I & K	1128 days	Fri 13 Nov 29	Fri 16 Dec 30		
	Section W9F - Establishment Works within Portion M	1067 days	Fri 13 Nov 29	Sun 16 Oct 30		

Project: YL/2013/01 Data Date: 29 Nov 2013	Task	Progress		Summary		Rolled Up Critical Task	Rolled Up Progress	External Task
Submission: 09 Dec 2013	Critical Task	Milestone	•	Rolled Up Task		Rolled Up Milestone	Split	 Project Sumr
				and a second	Page 6			



Sang Hing - Kuly Joint Venture





# APPENDIX 3 THE CONTACT DETAILS OF KEY PERSONNEL





### Contact Details of Key Personnel for the Project

Company / Department	Name	Position	Telephone
URS Hong Kong Ltd.	Mr. Rodney Ip	Environmental Team Leader	2410 3750
URS Hong Kong Ltd.	Mr. Vincent Kwan	Resident Engineer	2672 7938
Sang Hing – Kuly Joint Venture	Mr. Jeff Chan	Project Manager	9606 2398
Sang Hing – Kuly Joint Venture	Mr. Brian Ho	Site Agent	9485 0823
Sang Hing – Kuly Joint Venture	Mr. Michael Wan	Site Environmental Officer	9222 3089
Fugro Hong Kong Ltd.	Mr. Colin Yung	Independent Environmental Checker	3565 4114





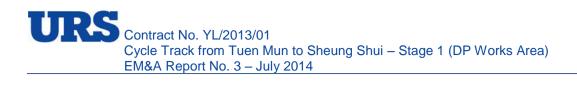
# APPENDIX 4 CUMULATIVE LOG OF COMPLAINTS





#### CUMULATIVE LOG OF COMPLAINTS

Environmental Parameters	No. of Outstanding Complaints	No. of complaints received in July 2014	Cumulative no. of complaints received since commencement of project
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Total	0	0	0





# APPENDIX 5 WEEKLY ENVIRONMENTAL WALK RECORDS

#### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1

# Weekly Environmental Walk No. 2 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

<u>Weekly Environmental Walk Inspection Report</u> <u>Part I :</u>		
Contract No. <u>YL/2013/01</u>	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u>	
Date of Inspection $4/7/2014$	Time 9730-1130	
Persons making the inspection:		
Name in Block Letters 1 2 3 4 5 6 7 Name in Block Letters Jest Chan Jest Chan Lee Jest Chan Lee Lee Lee Lee Lee Lee Lee Le	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature
8		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Sheing Kiver	Kain water trapped in excavated pit	16/7/2014	12014	
3.	Shek Sheving River	Materials & plants not kept, gway from existing trees & vegetation	2317/2014	2/12/2016	Issue found on 16-6-2014
4.				1	
5.					
<u>6.</u> 7.					
8.					

#### To be signed at the end of inspection:

The Contractor's performance on nuisance abatement and waste management \*is/is not to the satisfaction of the Environmental Team's Representative at the time of inspection. (\* delete as appropriate)

The Engineer's Nominated Site Representative Environmental Team's Representative

2~

Contractor's Agent or his Representative Landscape Architect

Part II : (To be countersigned after ALL actions are completed) Contractor's \*Environmental Officer/Assigned Person

Date

The Environmental Team's Representative

Date \_\_\_\_\_

#### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk No. (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist** 12014 Date of Inspection: 9=30 -11=30 Time: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Weather: Temperature: 34 Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low Locations: Person(s) making the inspection: Name in Block Letters Designation Organisation Chan 1041 Contractor Sana Wan Canà Michael miran porto 1100 Mah NOAL Enginter 1 fak K-POU Patatel nvicomenta Team's Representat 0.4 Sius andscape Work ribligh Prot tudia Linded Bon EC Unutfonts Ltd YES NO N/A REMARK GENERAL 1 a. Environmental Permit (EP) copy at place of work b. Environmental posters/notices at place of work Site kept clean and tidy C. d. Engine shut off when not in use Proper maintenance of site plant and equipment e. Other: Please specify f 2. AIR POLLUTION a. Site Perimeter Hoardings provided as required b. Haul road paved or kept wet c. Water spraying during loading and unloading of dusty material d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required Dust suppression measures taken and/or dust Screen e. erected for dusty site activities V Wheel washing bays provided at site vehicle exits and f maintained in good working order Vehicle wheels washed before leaving site $(\mathbf{v})$ Dump trucks fitted with mechanical tarpaulin cover ĥ. (~ Dusty loads on vehicles covered by tarpaulin i. Vehicle speed control (8KM/hr) on site į. ĸ. Black smoke emission control from site plant $(\checkmark$ No opening burning of debris on site 1. Use of Ultra Low Surphur Diesel (ULSD) for m constructional plant and equipment n. Other: Please specify WATER POLLUTION 3 Tightly sealed closed grab excavator used for river a. channel excavation works $(\mathbf{v})$ b. River excavation works sections by sections as required C. Splashing of sediment avoided during transfer 1 Floating debris in river cleared d. ( 🗸 ) Leakage from plant & vessel avoided e f. Wheel washing bay desilted regularly $(\mathbf{v})$ Temporary drainage diversion provided as required $(\checkmark$ Site run-off towards silt traps h. Silt traps & drainages cleared i. (V Sand bags provided at site entrance and around road I gullies as necessary Water Discharge License applied as necessary N Wastewater treated as required 1 m. Chemical toilets provided as necessary n. Heavy Rainstorm Response Procedure displayed Construction works adjacent to the fishponds near

- Kam Tin River and Long Valley should not be undertaken in April to October
- p. Other: Please specify
- Page 1 of 3

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trapped in

<u>Rainwater</u> pit excounter

N/A

4. NOISE POLLUTION

- a. Temporary noise barriers installed at works area as needed
- b. Noisy plant and equipment sited away from noisy sensitive receiver as possible
- c. Air Compressors and portable percussive breakers with Noise Emission Labels
- d. Pneumatic percussive breakers fitted with sound mufflers
- e. Engine flap covers kept closed of construction plant during operations
- f. Excavator breaker tip wrapped with sound insulating material for breaking work
- g. Noise baffles/screens to noisy machines/site activities as necessary
- h. Valid Construction Noise Permits (CNP) for works in restricted hours
- i. Full compliance with CNP conditionsj. Other: Please specify
- 6. WASTE MANAGEMENT
  - a. Designated area for sorting and temporary storage of C & D materials on site
  - b. Proper sorting of inert and non-inert materials
  - c. Recycle bins for recycling of different materials
  - d. Rubbish bins for general rubbish
  - e. Measures taken to avoid cross contamination of different wastes
  - f. Disposed of regularly to avoid excessive accumulation
  - g. Trip tickets and EPD chits duly completed and used in C & D waste disposal
  - h. Registration as Chemical Waste Producer as required
  - i. Chemical wastes properly labeled and packaged
  - j. Chemical wastes pending collection stored properly to avoid leakage
  - k. Used trip tickets kept for chemical waste disposal
  - 1. Proper handling of contaminated soil samples in land contamination investigation work
  - m. Proper storage of contaminated soil samples in land contamination investigation work
  - n. Emergency spillage procedure posted and correctly implemented
  - o. Other: Please specify
- 7. Others

a. b. c.

- a. Existing trees and vegetation maintained and protected as required
- b. Materials & plant kept way from existing trees and vegetation
- c. Topsoil conserved and re-use in landscape works
- d. Night-time lighting controlled to minimize glare
- e. In situ compensation planting should occur at the Information Kiosk and R9
- f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.
- g. Others: Please specify
- 9. OTHER COMMENTS

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Signed By

Name: Sulam Lee Environmental Team's Representative

Signed By

Twong, Con)

Name & Fitle: Engineer's Nominated Site Representative

Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No.\_12\_ (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

Definition of House Identified during Woolds Site Walls	Status often Destification
Deficiency Items Identified during Weekly Site Walk	Status after Rectification         Image: status after Rectification         Image: status after Rectification         Image: status after Rectification         Image: status after Rectification         Rectified Date: 14/7/2014         Follow up Action Taken: Rainwater was pumped away
Location: Shek Sheung River	
Item no. 7(b) Description: Materials and plant were not kept away from	Rectified Date: 21/7/2014 Follow up Action Taken: Materials and plant were moved
existing trees and vegetation Location: Shek Sheung River	away from existing trees and vegetation
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	

#### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk No. [3] (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

<u>Weekly Environmental Walk Inspection Report</u>		
Part I :		
Contract No. <u>YL/2013/01</u> Date of Inspection <u>1417/2014</u> Persons making the inspection:	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u> Time <u><math>9:3</math> - 11:3 o</u>	
Name in Block Letters       1.     Brian Ho       2.     Michael Wan       3.     hwar Tak Wah       4.     Sueting Lee       5.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	<u>Signature</u> <u>Manager</u> <u>Ag</u>

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1. 2.	Shek Sheung Kiler Shek Sheung River	Rain water trapped in exavated pitting of ro Mithemal dated next to existing theer	z1/7/2014 z(7/2014)	R/ 2/2014	
3.	J			1177 2204	
4.					
5.					
0.					
7.					
8.					

#### To be signed at the end of inspection:

The Contractor's performance on nuisance abatement and waste management \*is/is not to the satisfaction of the Environmental Team's Representative at the time of inspection. (\* delete as appropriate)

The Engineer's Nominated Site Representative Environmental Team's Representative

10

Contractor's Agent or his Representative Landscape Architect

**Part II :** (To be countersigned after ALL actions are completed) Contractor's \*Environmental

Date

Officer/Assigned Person

The Environmental Team's Representative \_\_\_\_\_

2014 Date

# Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No. <u>13</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities

# from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Environmental	Inspection	Checkiis

Weather:       Charlendownersat/Drizzle/Kain/Storm/Hazy       Temperature:       3.5       *C         Person(s) making the inspection:       Main in Block Letters       Designation       Interface       Interface         Parts of the       Environmental premit (EP) copy of place of work       Environmental premit (EP) copy of place of work       Interface	Weather:	Date	of Inspection:	+1712014	ispection Cl	IICCAIL	Time:	9:30-11:30	
Wind:       EndingEnglet/Deczet/Strong       Humidity:       High/Modergid/Low         Locations:       Marking the inspector:       Designation       Designation         State Air       Designation       Intel Air	Wind:       Imm2 infut/Direct/Storag       Humidity:       High/Midergie/Low         Decentions:       Mark in Nick Cetters:       Designation       Greanisation         Start Main       In Nick Letters:       Designation       Interview         Andrei A       Environmental Prime       Designation       Interview         Jacken Let       Environmental Prime       Designation       Interview         Jacken Let       Environmental Prime       Designation       Interview       Interview         Jacken Let       Environmental Prime       Environmental Prime       Interview       Interview         Jacken Let       Environmental Prime       Environmental Prime       Interview       Interview         Interview       Environmental Prime       Environmental Prime       Interview       Interview         Interview       Environmental Prime       Interview				n/Storm/Haz	zy	Temperature:	33	°C
Locations:       The Muse Cut         Person(s) making the inspection:       Designation (and the figure figu	Locations:       Multium Rule         Person(s) making the inspection:       Designation       Designation         Marcin II. Mode       Designation       Designation         Instance in Record       Designation       Description         Instance in Record       Description       Description         Instance       Description       Description       Description         Instance	Wind	l: Calm	Light/Breeze/Strong			*	High/Moderate/Lo	W
Person(s) making the inspection:       Organisation         Size App       Control App         Jusc Man       Instruct App         Image       Instruct App         Jusc Man       Instruct App         Image       Instruct App         Ima       Instruct App	Person(s) making the inspection:       Organisation         Marke in Block Letters       Designation         Just All Ma       Ison and all All Mat         Just All Ma       Ison and all All Mat         Just All Ma       Ison and all All Mat         Just All Mat       Ison and all All Mat         I GENERAL       Ison and All Mat         a. Tavisonmental Permit (EP) copy at place of work       Ison and all Mat         C Sile Aprit Clean and Iddy       Ison and all Mat         B. Sile Aprit Clean and Iddy       Ison and paved or kept wet         B. Sile Aprit Clean and Iddy       Ison and paved or kept wet         B. Sile Aprit Clean and Iddy       Ison and paved or kept wet         B. Sile Aprit Clean and Iddy       Ison and paved or kept wet         B. Sile Aprit Clean and equipment       Ison and paved or kept wet         F. Water Sampa during Basing and miloading of dusty       Ison and paved or kept wet         B. Sile Aprit Clean and or works       Ison and paved o	Loca	tions:	It Shiwa River			·		
1 GENERAL       a. Environmental Permit (EP) copy at place of work         b. Environmental posters/notices at place of work       ()         c. Stick keyt clean and id vigy       ()         d. Engine shut off when not in use       ()         e. Proper maintenance of site plant and equipment       ()         f. Other. Please specify       ()         2. ALR POLLUTION       ()         a. Site Perimeter Hoardings provided as required       ()         b. Haul road paved or kept wet       ()         c. Water spraying during loading and unloading of dusty       ()         material       ()       ()         d. Exposed stockpile       & dusty materials in storage wetted         g. Vehicle wheels washed before leaving site       ()       ()         h. Dump trucks fitted with mechanical tarpaulin cover       ()       ()         g. Vehicle wheels washed before leaving site       ()       ()         h. Duny trucks fitted with mechanical tarpaulin cover       ()       ()         g. Whice wheels washed before leaving site       ()       ()         h. Duny trucks fitted with mechanical tarpaulin cover       ()       ()         g. Whice wheels washed before leaving site       ()       ()         h. Dump trucks fitted with mechanical tarpaulin cover       ()	1 GENERAL       Environmental Permit (EP) copy at place of work         a. Environmental posters/notices at place of work       ()         c. Site kept clean and idy       ()         d. Engine shut off when not in use       ()         e. Proper maintenance of site plant and equipment       ()         f. Other: Please specify       ()         2. MAR POLLUTION       ()         a. Site Portmeter Hoardings provided as required       ()         b. Haur road paved or kept wet       ()         c. Water spraying during loading and unbading of dusty material       ()         c. Proper maintenance of the dusty material and/or dust Screen excerted for dusty site activities       ()         f. Wheel websis washed before leaving site       ()         h. Dump trucks fitted with mechanical tarpaulin oxvert       ()         i. Dust purpeison measures taken and/or dust Screen excenter outrol (6 KM/hr) on site       ()         k. Black smoke emission control from site plant       ()         i. Water POLLUTION       ()         a. Tightly sealed closed grab excavator used for river channel decavation works sections as required       ()         g. Water reclared       ()       ()         i. Stit traps & drimages cleared       ()       ()         j. Stit traps & drimages cleared       ()       ()	Perso Nam	on(s) making the inspec e in Block Letters להמא לום להנאמן Wan אמת למג Wah	tion: <u>Designation</u> <u>Contractor</u> <u>Environmental</u> <u>The Engineers</u>	fillr Nominated Sit	e Repre	Sang F Sang Hij Ratative UR		
1 GENERAL       a. Environmental Permit (EP) copy at place of work         b. Environmental posters/notices at place of work       ()         c. Stick keyt clean and id vigy       ()         d. Engine shut off when not in use       ()         e. Proper maintenance of site plant and equipment       ()         f. Other. Please specify       ()         2. ALR POLLUTION       ()         a. Site Perimeter Hoardings provided as required       ()         b. Haul road paved or kept wet       ()         c. Water spraying during loading and unloading of dusty       ()         material       ()       ()         d. Exposed stockpile       & dusty materials in storage wetted         g. Vehicle wheels washed before leaving site       ()       ()         h. Dump trucks fitted with mechanical tarpaulin cover       ()       ()         g. Vehicle wheels washed before leaving site       ()       ()         h. Duny trucks fitted with mechanical tarpaulin cover       ()       ()         g. Whice wheels washed before leaving site       ()       ()         h. Duny trucks fitted with mechanical tarpaulin cover       ()       ()         g. Whice wheels washed before leaving site       ()       ()         h. Dump trucks fitted with mechanical tarpaulin cover       ()	1 GENERAL       Environmental Permit (EP) copy at place of work         a. Environmental posters/notices at place of work       ()         c. Site kept clean and idy       ()         d. Engine shut off when not in use       ()         e. Proper maintenance of site plant and equipment       ()         f. Other: Please specify       ()         2. MAR POLLUTION       ()         a. Site Portmeter Hoardings provided as required       ()         b. Haur road paved or kept wet       ()         c. Water spraying during loading and unbading of dusty material       ()         c. Proper maintenance of the dusty material and/or dust Screen excerted for dusty site activities       ()         f. Wheel websis washed before leaving site       ()         h. Dump trucks fitted with mechanical tarpaulin oxvert       ()         i. Dust purpeison measures taken and/or dust Screen excenter outrol (6 KM/hr) on site       ()         k. Black smoke emission control from site plant       ()         i. Water POLLUTION       ()         a. Tightly sealed closed grab excavator used for river channel decavation works sections as required       ()         g. Water reclared       ()       ()         i. Stit traps & drimages cleared       ()       ()         j. Stit traps & drimages cleared       ()       ()								
<ul> <li>a. Site Perimeter Hoardings provided as required</li> <li>b. Haul road paved or kept wet</li> <li>c. Water spraying during loading and unloading of dusty material</li> <li>d. Exposed stockpile &amp; dusty materials in storage wetted or covered by tarpaulin as required</li> <li>e. Dust suppression measures taken and/or dust Screen erected for dusty site activities</li> <li>f. Wheel washing bays provided at site vehicle exits and maintained in good working order</li> <li>g. Vehicle speed control from site plant</li> <li>l. No opening burning of debris on site</li> <li>m Use of Ultra Low Surphur Diesel (ULSD) for constructional plant and equipment</li> <li>n. Other: Please specify</li> <li>3. WATER POLLUTION</li> <li>a. Tightly sealed closed grab excavator used for river channel excavation works sections as required</li> <li>e. Leakage from plant &amp; vessel avoided during transfer</li> <li>d. C. O. C. C.</li></ul>	a. Site Perimeter Hoardings provided as required         b. Haul road paved or kept wet         c. Water spraying during loading and unloading of dusty         material         d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required         c. Dust suppression measures taken and/or dust Screen erected for dusty site activities         f. Wheel washing bays provided at site vehicle exits and maintained in good working order         g. Vehicle wheels washed before leaving site         h. Dump trucks fitted with mechanical tarpaulin cover         i. Water work (ULSD) for constructional plant and equipment         n. Other: Please specify         3         WATER POLLUTION a. Tightly sealed closed grab excavator used for river channel excavation works channel excavation works sections as required         g. Vehicle greater from plant and equipment structured         g. Water Pollution Maining definent avoided during transfer d. Floating debris in river cleared         g. Subting of sediment avoided during transfer d. Splashing of sediment avoided as it required         g. Subting of sediment avoided as it engined         g. Water Bochust as an eccessary d. Subtage from plant day esilet regularly g. Water backmarke as dajacent to the fishponds near Kam Tin River and Long Valley should not be undertakten in April to October         g. Watewater treated as required m. Chemical toites provided as necessary f. Other: Please specify       C. Splashorm Response Procedure displayed	a b c. d e.	Environmental Permit ( Environmental posters/r Site kept clean and tidy Engine shut off when no Proper maintenance of s	notices at place of work ot in use	$ \begin{array}{c} (\checkmark) & ( \\ (\land) & ()$	NO	N/A () () () () () () ()	REMARK	-
<ul> <li>3 WATER POLLUTION <ul> <li>a. Tightly sealed closed grab excavator used for river channel excavation works</li> <li>b. River excavation works sections by sections as required</li> <li>c. Splashing of sediment avoided during transfer</li> <li>d. Floating debris in river cleared</li> <li>e. Leakage from plant &amp; vessel avoided</li> <li>f. Wheel washing bay desilted regularly</li> <li>g. Temporary drainage diversion provided as required</li> <li>h. Site run-off towards silt traps</li> <li>i. Silt traps &amp; drainages cleared</li> <li>J. Sand bags provided at site entrance and around road gullies as necessary</li> <li>k. Water Discharge License applied as necessary</li> <li>i. Wastewater treated as required</li> <li>i. Wastewater treated as required</li> <li>i. Heavy Rainstorm Response Procedure displayed</li> <li>o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October</li> </ul></li></ul>	3       WATER POLLUTION         a. Tightly sealed closed grab excavator used for river channel excavation works         b. River excavation works sections by sections as required         c. Splashing of sediment avoided during transfer         d. Floating debris in river cleared         e. Leakage from plant & vessel avoided         f. Wheel washing bay desilted regularly         g. Temporary drainage diversion provided as required         h. Site run-off towards silt traps         i. Silt traps & drainages cleared         J. Sand bags provided at site entrance and around road gullies as necessary         k. Water Discharge License applied as necessary         h. Heavy Rainstorm Response Procedure displayed         o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October         p. Other: Please specify	a.         b.         c.         d.         e.         f.         j.         k.         l.         m	Site Perimeter Hoarding Haul road paved or kept Water spraying during le material Exposed stockpile & du or covered by tarpaulin a Dust suppression measu erected for dusty site act Wheel washing bays pro- maintained in good worl Vehicle wheels washed I Dump trucks fitted with Dusty loads on vehicles Vehicle speed control (8 Black smoke emission c No opening burning of Use of Ultra Low Surph constructional plant and	wet bading and unloading of dusty sty materials in storage wetted as required res taken and/or dust Screen ivities by ded at site vehicle exits and king order before leaving site mechanical tarpaulin cover covered by tarpaulin KM/hr) on site ontrol from site plant lebris on site ur Diesel (ULSD) for	$\begin{array}{c} ( ) & ( \\$	) ) ) ) ) ) ) ) ) ) ) ) ) )	$( \begin{array}{c} ( \begin{array}{c} \vee \end{array} ) \\ ( \begin{array}{c} \vee \end{array} ) \\ ( \begin{array}{c} \vee \end{array} ) \end{array} $		-
p. outer rease speen, Provide the speen, Base 1 of 3 d side of would		3 <u>W</u> a. b. c. d. e. f. g. h. i. J k. l. m. o.	ATER POLLUTION Tightly sealed closed gra channel excavation works River excavation works sequired Splashing of sediment av Floating debris in river c Leakage from plant & ve Wheel washing bay desil Temporary drainage dive Site run-off towards silt t Silt traps & drainages cle Sand bags provided at sit gullies as necessary Water Discharge License Wastewater treated as rec Chemical toilets provided Heavy Rainstorm Respor Construction works adjact Kam Tin River and Long undertaken in April to Oc	ts sections by sections as voided during transfer leared essel avoided tted regularly traps eared te entrance and around road e applied as necessary quired d as necessary nese Procedure displayed cent to the fishponds near Valley should not be	( ) ( $( ) ($ $( )$		(~) (~) (~) (~) (~) (~) (~) (~) (~) (~)		ex canated pít

#### 4. NOISE POLLUTION

- a. Temporary noise barriers installed at works area as needed
- b. Noisy plant and equipment sited away from noisy sensitive receiver as possible
- Air Compressors and portable percussive breakers with Noise Emission Labels c.
- Pneumatic percussive breakers fitted with sound d. mufflers
- Engine flap covers kept closed of construction plant e. during operations
- Excavator breaker tip wrapped with sound insulating f. material for breaking work Noise baffles/screens to noisy machines/site activities
- g. as necessary
- h. Valid Construction Noise Permits (CNP) for works in restricted hours
- Full compliance with CNP conditions i.
- Other: Please specify i.
- WASTE MANAGEMENT 6.
  - a. Designated area for sorting and temporary storage of C & D materials on site
  - b. Proper sorting of inert and non-inert materials
  - c. Recycle bins for recycling of different materials
  - Rubbish bins for general rubbish d.
  - Measures taken to avoid cross contamination of e. different wastes
  - Disposed of regularly to avoid excessive accumulatio f
  - Trip tickets and EPD chits duly completed and used in C & D waste disposal g.
  - h. Registration as Chemical Waste Producer as required
  - i.
  - Chemical wastes properly labeled and packaged Chemical wastes pending collection stored properly to j. avoid leakage
  - Used trip tickets kept for chemical waste disposal k Proper handling of contaminated soil samples in land 1. contamination investigation work
  - m. Proper storage of contaminated soil samples in land contamination investigation work
  - Emergency spillage procedure posted and correctly n. implemented
  - 0. Other: Please specify
- 7. <u>Others</u> a. Existing trees and vegetation maintained and protected as required
  - b. Materials & plant kept way from existing trees and vegetation
  - c. Topsoil conserved and re-use in landscape works
  - d. Night-time lighting controlled to minimize glare In situ compensation planting should occur at the
  - Information Kiosk and R9 f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise
  - levels and activities should be kept to a minimum. g. Others: Please specify

#### 9. OTHER COMMENTS

- a. b.
- C.

Signed By

Name: ) 6 pany LU Environmental Team's Representative

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Signed By

Name & Title: Work Tak Wah Engineer's Nominated Site Representative

Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No. <u>13</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>



#### Civil Engineering and Development Department Contract No. YL/2013/01

Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1

Weekly Environmental Walk No. (4) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

#### Weekly Environmental Walk Inspection Report

#### Part I :

Contract No.YL/2013/01Date of Inspection $2(1712014)$ Persons making the inspection:	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u> Time <u>9:30 – 11:30</u>	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature Marcharter Zo

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Shownay River	Kainwater trapped in exclavated pit	28/712014	28/7/2014	*
2.	Shek Sheung River	Desilting measures no longer effective	281712014	Follow up Action Required	4
3.	C			f i con i cynice	<u> </u>
4.					
5.					
6.					
7.					
8.					

#### To be signed at the end of inspection:

The Contractor's performance on nuisance abatement and waste management \*is/is not to the satisfaction of the Environmental Team's Representative at the time of inspection. (\* delete as appropriate)

The Engineer's Nominated Site Representative

Contractor's Agent or his Representative

Part II : (To be countersigned after ALL actions are completed) Contractor's \*Environmental Officer/Assigned Person

The Environmental Team's Representative

Date \_\_\_\_\_

Date \_\_\_\_\_

# Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No.

Da	te	of Inspection:	2	[/ ]/20	• 1	Time:	9:30 - (1:30 am
We	eatl	her:	Sunny/Fine/Overcast/Drizzle/Rai	n/Storm/l	Hazy	Temperature:	32 °C
Wi	nd	•	Calm/Light/Breeze/Strong			Humidity:	High/Moderate/Low
Lo	cat	tions:	Shek Shevry Riser			2	
			Stak Shear Plata				
Pe	rso	n(s) making the	inspection:				
Na	me	Brian 40	<u>Designation</u>	Agent		Organisation Sim Min -	Kuly John Wentur
		Michael Wan	Environmenta	Office	V	Sana Hind	- Killy what Ugature
		Work Tak Wa	h The Engineer	1 Noninate	d lite Repr	event of up	URST PIK Ltd
		Sur Handles	Environagental		spresentation	p	URC UK LA
		<u>Crutapa Sac</u>			T		- the flin of a
1	0			YES	NO	N/A	REMARK
1	<u>G</u> .	ENERAL Environmental l	Permit (EP) copy at place of work	$(\mathbf{A}_{\mathbf{A}})$	()	( )	
			posters/notices at place of work	$(\checkmark)$	-	$\left( \right)$	
	c.	Site kept clean a	nd tidy		()	(	
	d.	Engine shut off	when not in use		( )	( )	
	e.	Proper maintena	nce of site plant and equipment	$(\checkmark)$	( )	( )	
	f	Other: Please sp	ecify	( )	( )	( )	
~							
2.		IR POLLUTION	loondings provided as required	$\langle \rangle$	( )	$(l, \tau)$	
		Haul road paved	loardings provided as required	-()			
	о. с.		luring loading and unloading of dusty				
	0.	material	and unioading of dusty	()	()	$(\boldsymbol{\vee})$	
	d.		le & dusty materials in storage wetted				
		or covered by ta	rpaulin as required	_( < < )	( )	( )	
	e.	Dust suppression	n measures taken and/or dust Screen				
	£	erected for dusty		_(``)	()	( )	
	f.	wheel washing	bays provided at site vehicle exits and od working order	()	()	(1/1)	
	g.		vashed before leaving site	-	()		
			ed with mechanical tarpaulin cover	-	$\left( \right)$		
	i.		vehicles covered by tarpaulin	$\left( \right)$	$\left( \right)$	$( \boldsymbol{\nu} )$	
	j.		ntrol (8KM/hr) on site	$(\checkmark)$	()	( )	
	k.		ission control from site plant	()	()	( )	
	1.	No opening burr	ing of debris on site	( 🗸 )	( )	( )	
	m	Use of Ultra Lov	v Surphur Diesel (ULSD) for		<pre>/ ````````````````````````````````````</pre>	<i>/ &gt;</i>	
		Other: Please sp	ant and equipment			(	
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3	W	ATER POLLUTIO	)N				
-	a.	Tightly sealed cl	osed grab excavator used for river				
		channel excavati	on works	_()	( )	( 🗸 )	
	b.		works sections by sections as				
	~	required	in and an aid at the in a torus of a		( )	$(\checkmark)$	
	c. d	Floating debris in	iment avoided during transfer	()			
			ant & vessel avoided	$-(\checkmark)$			
	f.		bay desilted regularly		()		
	g.		age diversion provided as required		()	$( \checkmark )$	
	h.	Site run-off towa		(~)	( )	( )	
	i.	Silt traps & drain		$( \lor )$	()	( )	
	j.		led at site entrance and around road				
	1	gullies as necess	ary	(~)	()	( )	
		water Discharge	License applied as necessary		()		
	l. m		harged in accordance with WPCO on site effluent conducted regularly				
	m. n.	Wastewater treat					
	п. 0.	Chemical toilets	provided as necessary		()	$( \underbrace{ \checkmark } )$	
	p.		Response Procedure displayed		$\left( \right)$		
	р. q.		ks adjacent to the fishponds near				
	-	Kam Tin River a	nd Long Valley should not be			. /	
		undertaken in Ap	ril to October	( )	( )	( )	

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Page 1 of 3

) Rainwater tropped in excavated pit Desilting measures no longer effective

r. Other: Please specify

YES NO N/A

)

REMARK

#### 4. NOISE POLLUTION

- a. Temporary noise barriers installed at works area as needed
- b. Noisy plant and equipment sited away from noisy sensitive receiver as possible
- Air Compressors and portable percussive breakers C. with Noise Emission Labels
- d. Pneumatic percussive breakers fitted with sound mufflers
- Engine flap covers kept closed of construction plant e. during operations
- Excavator breaker tip wrapped with sound insulating material for breaking work
- Noise baffles/screens to noisy machines/site activities g. as necessary
- Valid Construction Noise Permits (CNP) for works in h. restricted hours
- Full compliance with CNP conditions i.
- Other: Please specify j.

#### 6. WASTE MANAGEMENT

- Designated area for sorting and temporary storage of C a. & D materials on site
- Proper sorting of inert and non-inert materials b.
- Recycle bins for recycling of different materials C.
- Rubbish bins for general rubbish d.
- e. Measures taken to avoid cross contamination of different wastes
- Disposed of regularly to avoid excessive accumulation f Trip tickets and EPD chits duly completed and used in g C & D waste disposal
- h. Registration as Chemical Waste Producer as required
- Chemical wastes properly labeled and packaged i.
- Chemical wastes pending collection stored properly to j. avoid leakage
- Used trip tickets kept for chemical waste disposal k Proper handling of contaminated soil samples in land 1. contamination investigation work
- m. Proper storage of contaminated soil samples in land contamination investigation work
- Emergency spillage procedure posted and correctly n. implemented
- o. Other: Please specify

#### 7. Others

- a. Existing trees and vegetation maintained and protected as required
- b. Materials & plant kept way from existing trees and vegetation
- c. Topsoil conserved and re-use in landscape works
- d. Night-time lighting controlled to minimize glare
- e. In situ compensation planting should occur at the Information Kiosk and R9
- f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.
- g. Others: Please specify
- OTHER COMMENTS 9.
  - a. b. C.

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Signed By

Name: Ju Chan Lee Environmental Team's Representative Signed By

Wong Takwoh, JOW Name & Title:

Engineer's Nominated Site Representative

Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No. <u>14</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>



#### Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1

Weekly Environmental Walk No. 📂 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

#### Weekly Environmental Walk Inspection Report Part I: Contract No. YL/2013/01 Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Date of Inspection 28/7/2014 Time 11=10m - 12-00 non Persons making the inspection: Name in Block Letters Designation Signature Brian Ho 1. Contractor's Agent (or his Representative) Michael Wan 2. Environmental Officer (or Environmental Supervisor) Wone Tak Wah 3 The Engineer's Nominated Site Representative Desmond Lee 4. Environmental Team's Representative Diovsius Won? Landscope Architect 5. 6. 7. -8.

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Sheung River	Rainwater trapped in execurated pit	4/87 2014	A	
2.	Shek sheing River	Desilting measures no longer effective	4181 2014		Issue Sound on 21/1/2014
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To be signed at the end of inspection:

The Contractor's performance on nuisance abatement and waste management \*is/is not to the satisfaction of the Environmental Team's Representative at the time of inspection. (\* delete as appropriate)

The Engineer's Nominated Site Representative . ist Environmental Team's Representative () IA

Contractor's Agent or his	Representative	M	
Landscape Architect	SOV		

Part II : (To be countersigned after ALL actions are completed) Contractor's \*Environmental Officer/Assigned Person

The Environmental Team's Representative \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

#### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk No. 15 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection:	28/7/2014	Time:	11-10 Jun- 12200 noon
Weather:	-Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy-	Temperature:	3.2° °C
Wind:	Calm/Light/Breeze/Strong-	Humidity:	High/Moderate/Low
Locations:	Shek Sheunp River	-	

#### Person(s) making the inspection:

()		
Name in Block Letters	Designation	Organisation
Brian Ho	Contractor's Agent	Sing Hing - Kuly Joint Venture
Michael Wan	Environmental officet	Song Hing - Keely Joshit Vanture
Wonp Tak Wah	The Engineer's Nominated Site Representative	
Desmond Lee	Environmental Team Representative	UBS Hong King LTd.
Aloysius Wong	Londscope Architect	Terra Studio Led.

- GENERAL
  - a. Environmental Permit (EP) copy at place of work
  - b. Environmental posters/notices at place of work
  - Site kept clean and tidy c.
  - d. Engine shut off when not in use
  - e. Proper maintenance of site plant and equipment
  - f Other: Please specify

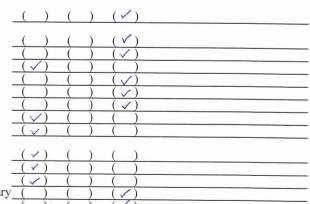
- 2. <u>AIR POLLUTION</u> a. Site Perimeter Hoardings provided as required
  - b. Haul road paved or kept wet
  - c. Water spraying during loading and unloading of dusty material
  - d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required
  - Dust suppression measures taken and/or dust Screen e. erected for dusty site activities
  - f. Wheel washing bays provided at site vehicle exits and maintained in good working order
  - Vehicle wheels washed before leaving site
  - h. Dump trucks fitted with mechanical tarpaulin cover
  - Dusty loads on vehicles covered by tarpaulin i.
  - Vehicle speed control (8KM/hr) on site
  - k. Black smoke emission control from site plant
  - No opening burning of debris on site 1
  - Use of Ultra Low Surphur Diesel (ULSD) for m constructional plant and equipment
  - n. Other: Please specify

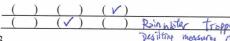
#### 3 WATER POLLUTION

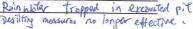
- Tightly sealed closed grab excavator used for river a. channel excavation works
- b. River excavation works sections by sections as required
- Splashing of sediment avoided during transfer C.
- d. Floating debris in river cleared
- e. Leakage from plant & vessel avoided
- Wheel washing bay desilted regularly f.
- Temporary drainage diversion provided as required
- h. Site run-off towards silt traps
- i. Silt traps & drainages cleared
- Sand bags provided at site entrance and around road j. gullies as necessary
- k. Water Discharge License applied as necessary
- 1. Site effluent discharged in accordance with WPCO
- m. Self-monitoring on site effluent conducted as necessary n.
- Wastewater treated as required
- o. Chemical toilets provided as necessary
- p. Heavy Rainstorm Response Procedure displayed Construction works adjacent to the fishponds near q. Kam Tin River and Long Valley should not be undertaken in April to October
- Other: Please specify r.

YES	NO	N/A	REMARK
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#### 4 NOISE POLLUTION

- Temporary noise barriers installed at works area as a. needed
- b. Noisy plant and equipment sited away from noisy sensitive receiver as possible
- Air Compressors and portable percussive breakers C. with Noise Emission Labels
- d. Pneumatic percussive breakers fitted with sound mufflers
- Engine flap covers kept closed of construction plant e. during operations
- f Excavator breaker tip wrapped with sound insulating material for breaking work
- Noise baffles/screens to noisy machines/site activities g. as necessary
- h. Valid Construction Noise Permits (CNP) for works in restricted hours
- i Full compliance with CNP conditions j. Other: Please specify

### 6.

- WASTE MANAGEMENT a. Designated area for sorting and temporary storage of C & D materials on site
- b Proper sorting of inert and non-inert materials
- c. Recycle bins for recycling of different materials
- d. Rubbish bins for general rubbish
- Measures taken to avoid cross contamination of e. different wastes
- f. Disposed of regularly to avoid excessive accumulation Trip tickets and EPD chits duly completed and used in C & D waste disposal g.
- h. Registration as Chemical Waste Producer as required
- Chemical wastes properly labeled and packaged i.
- j. Chemical wastes pending collection stored properly to avoid leakage
- k. Used trip tickets kept for chemical waste disposal
- 1. Proper handling of contaminated soil samples in land contamination investigation work
- Proper storage of contaminated soil samples in land m. contamination investigation work
- Emergency spillage procedure posted and correctly n. implemented
- o. Other: Please specify

#### 7. Others

- a. Existing trees and vegetation maintained and protected as required
- Materials & plant kept way from existing trees and b. vegetation
- -c. Topsoil conserved and re-use in landscape works
- d. Night-time lighting controlled to minimize glare
- e. In situ compensation planting should occur at the Information Kiosk and R9
- f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.
- g. Others: Please specify

#### 9. OTHER COMMENTS

- a. b.
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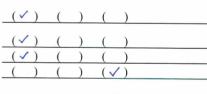
Signed By

Name: Desmond Lee

Environmental Team's Representative

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Signed By

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Name & Title: Engineer's Nominated Site Representative

#### Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No.\_15\_ (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
Denerative view of the view of	
Item no. 3(r)	Rectified Date:
Description: Rain water has been trapped in excavated pit	Follow up Action Taken:
Description: Rain water has been trapped in excavated pit Location: Shek Sheung River	
Item no. 3(r)	Rectified Date:
Description: Desilting measures are no longer effective	Follow up Action Taken:
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	
Location.	