

#### FAX MESSAGE

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То	AECOM Consulting Services Limited	Ref. No.	MCLF3360	
Country		Email	rodney.ip@a	ecom.com
Attn.	Mr. Rodney Ip	Date	17 June 201	5
		No. of		
From	Colin Yung	Pages	1 ·	(Incl. this page)
	Mr. Vincent Kwan			
C.c. To	(AECOM Consulting Services Limited)	Email	vincent.kwan@aecom.com	
	Agreement No. CE 22/2006 (HY)			
	Cycle Tracks Connecting North West New	Territories wit	h	
Subject	North East New Territories - Investigation			
	Contract No. YL/2013/01 (Cycle Tracks fro	· •		- Stage 1) -
	· •		-	
	Monthly Environmental Monitoring & Audi	t Report for Ma	IY 2015	

We refer to the revised Monthly EM&A Report Rev. 0 for May 2015 that we received through email on 16 June 2015 and are pleased to verify the captioned submission is in accordance with Condition 3.5 of the EP-450/2013.

We would like to remind the Environmental Team to improve on their timely submission of monthly EM&A report.

Should you require further information, please feel free to contact us.

Best Regards,

Colin Yung Independent Environmental Checker

CY/VC/by

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Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

Monthly EM&A Report for May 2015

(Designated Project Works Area)







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REVISION SCHEDULE							
Rev	Date	Details	Prepared by	Reviewed by	Approved by		
0	8 Jun 2015	EM&A Report No. 13 – May 2015	Patrick Ma	Rodney Ip	Harold Insley		
		Signature	HNES	Rodnag	Anda		

REVISION RECORD						
Rev	Date	Details	Prepared by	Reviewed by	Approved by	
0	8 Jun 2015	EM&A Report No. 13 – May 2015	Patrick Ma	Rodney Ip	Harold Insley	

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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 AECOM Consulting Services Limited (former URS Hong Kong Ltd) was commissioned 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. 13 contains the results and findings of site inspection activities and EM&A works carried out by the Works Contractor as required in the contract from 1 - 31 May 2015.

#### Construction Progress

The construction works of the Project was commenced in 28 April 2014.

The main construction works in this reporting month relate to backfilling of retaining wall, and construction of cycle track, drainage, resting station, and retaining wall (concreting, formworks, steelworks).

#### Site Inspections

Environmental site inspections were conducted on 7 May, 14 May, 20 May, and 27 May 2015.

Several environmental issues have been identified by the ET during inspections including stocking of materials & plants next to existing trees and vegetation, existing trees and vegetation not maintained and protected well, chemical not stored properly, presence of stagnant water and chemical leakage from machine.

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 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.

#### Environmental Monitoring

According to 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 2013), no air, water and noise monitoring is required.

According to Section 4 of the EM&A Manual 2013, no noise monitoring was specified. In this connection, setting up of Action/ Limit Levels is not required.





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

Planned activities for 1 to 30 Jun 2015 of the Project consist of:

- 1) Portion D (Sheung Yue River):
  - Tree Transplant
  - Construction of Retaining Wall
  - Backfilling of Retaining Wall
  - Construction of Drainage
- 2) Portion E (Shek Sheung River):
  - Construction of Retaining Wall
  - Backfilling of Retaining Wall
  - Construction of Drainage
  - Installation of Bicycle Parapet
- 3) Portion M (Kam Tin River):
  - Construction of Resting Station
  - Construction of Cycle Track
  - Construction of Retaining Wall

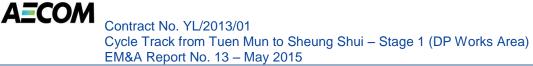
#### **Reporting Changes**

In the reporting period, there was no reporting change of circumstances which may affect the compliance with the recommendations of the EIA Report.

#### Future Key Issues

Considering the nature of construction activities, key environmental issues in the coming months include the followings:

- Protection of Trees;
- Production of solid waste;
- Production of dust;
- Production of Noise; and
- Production of site run off





#### 1 BASIC PROJECT INFORMATION

#### 1.1 Introduction

- 1.1.1 AECOM Consulting Services Limited (former 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; and
  - 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 2013).
- 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**.





#### 1.2 Project Organization and Management

1.2.1 The Project Organization Chart of the ET is shown in **Figure 1**.

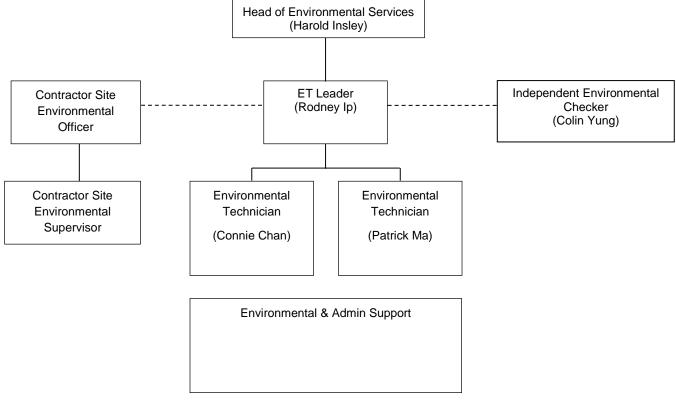


Figure 1 Organization Chart of ET





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

#### 2.1 Works Undertaken during the Reporting Month

- 2.1.1 The main construction works in this reporting month relate to backfilling of retaining wall, and construction of cycle track, drainage, resting station, and retaining wall (concreting, formworks, steelworks).
- 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**.

#### Table 2.1 Work Activities for This Reporting Month

Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion D (Sheung Yue River)	<ul> <li>Construction of Retaining Wall (Concreting, Formworks, Steelworks)</li> <li>Backfilling of Retaining Wall</li> <li>Construction of Drainage</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>
Portion E (Shek Sheung River)	<ul> <li>Construction of Retaining Wall (Concreting, Formworks, Steelworks)</li> <li>Backfilling of Retaining Wall</li> <li>Construction of Drainage</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>





Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion M (Kam Tin River)	<ul> <li>Construction of Cycle Track</li> <li>Construction of Retaining Wall</li> <li>Construction of Resting Station</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>

#### Future Key Issues

2.1.3 The Contractor has provided an updated construction program in **Table 2.2** to show the planned activities for the coming two months (Jun & July 2015). The anticipated environmental issues are summarised as follows:

#### Table 2.2Planned Activities for the Coming Two Months (Jun & July 2015)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul> <li>Construction of Retaining Wall (Concreting, Formworks, Steelworks)</li> <li>Backfilling of Retaining Wall</li> <li>Construction of Drainage</li> <li>Tree Transplant</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>





Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion E (Shek Sheung River)	<ul> <li>Construction of Retaining Wall (Concreting, Formworks, Steelworks)</li> <li>Backfilling of Retaining Wall</li> <li>Construction of Drainage</li> <li>Installation of Bicycle Parapet</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>
Portion M (Kam Tin River)	<ul> <li>Construction of Retaining Wall (Concreting, Formworks, Steelworks)</li> <li>Construction of Cycle Track</li> <li>Construction of Resting Station</li> </ul>	<ul> <li>Protection of Trees</li> <li>Production of Solid Waste</li> <li>Production of Dust</li> <li>Production of 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>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>Temporary noise baffles/screen to noisy machines shall be provided</li> <li>Extra sand bags and silt traps shall be provided</li> </ul>

2.1.4 The site inspection schedule for the next month (Jun 2015) is designated on 3 Jun (Wed), 11 Jun (Thu), 17 Jun (Wed), and 24 Jun 2015 (Wed).





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

#### 3.1 Environmental Requirements

#### <u>Air Quality</u>

3.1.1 The EM&A Manual (2013) 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 (2013) 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 (2013) 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 and no noise exceedance within the stage 1 designated project works areas were predicted based on the Environmental Review findings, therefore no noise monitoring is recommended under the EM&A Manual (2013).
- 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 (2013) 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.
- 3.1.5 According to the EM&A Manual (2013), no water quality monitoring is considered necessary within stage 1 designated project works areas based on the Environmental Review findings.

#### Waste Management

- 3.1.6 The EM&A Manual (2013) 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.
- 3.1.7 The quantities of waste for disposal from the construction site in this month are summarized in **Table 3.1**.





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

Type of Was	Type of Waste		
	Total Quantity Generated (in '000m <sup>3</sup> )	0	
	Hard Rock and Large Broken Concrete (in '000m <sup>3</sup> )	0	
Inert C&D	Reused in the Contract (in '000m <sup>3</sup> )	0	
Materials	Reused in other Projects (in '000m <sup>3</sup> )	0	
	Disposed as Public Fill (in '000m <sup>3</sup> )	0	
	Imported Fill (in '000m <sup>3</sup> )	0	
	Metals (in '000kg)	0.01	
	Paper/cardboard packing (in '000kg)	0.01	
C&D Waste	Plastic (in '000kg)	0.01	
	Chemical Waste (in '000kg)	0	
	Others, e.g. general refuse (in '000m <sup>3</sup> )	0.09	

#### Land Contamination

3.1.8 The EM&A Manual (2013) considers that no specific EM&A requirements are necessary for Land Contamination.

#### Ecology and Fisheries

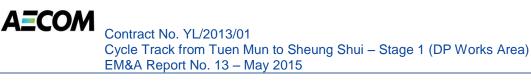
3.1.9 The EM&A Manual (2013) identifies that no significant overall loss of valuable ecological habitat and fishponds and it is considered that no significant negative impacts to surrounding habitats and species and aquaculture or water quality will arise from the construction and operation of the cycle track given that appropriate mitigation measures and good practices are properly implemented. No specific ecological or fisheries monitoring is required.

#### Cultural Heritage

3.1.10 The EM&A Manual (2013) 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

3.1.11 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 the problems identified during site inspections. The measures taken by the contractor were considered as effective to minimize negative impact 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.
- 3.2.4 A summary of the findings and results of site inspections are provided in **Table 3.2**.





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

ltem No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	07/05/2015	Kam Tin River	Existing trees and vegetation are not maintained and protected as required	Protected and maintained the existing trees and vegetation as required	14/05/2015
2	07/05/2015	Sheung Yue River	Material & Plant stocked next to existing trees and vegetation	Relocated the material and plant stocked next to existing trees and vegetation	21/05/2015
3	07/05/2015	Shek Sheung River	Material & Plant stocked next to existing trees and vegetation	Relocated the material and plant stocked next to existing trees and vegetation	11/06/2015
4	14/05/2015	Kam Tin River	Chemicals are not stored properly	Stored the chemical properly	21/05/2015
5	14/05/2015	Kam Tin River	Stagnant water was noted	Removed stagnant water	21/05/2015
6	14/05/2015	Sheung Yue River	Material & Plant stocked next to existing trees and vegetation	Relocated the material and plant stocked next to existing trees and vegetation	27/05/2015
7	20/05/2015	Kam Tin River	Chemicals are not stored properly	Stored the chemical properly	27/05/2015
8	20/05/2015	Kam Tin River	Material & Plant stocked next to existing trees and vegetation	Relocated the material and plant stocked next to existing trees and vegetation	11/6/2015
9	20/05/2015	Sheung Yue River	Material & Plant stocked next to existing trees and vegetation	Relocated the material and plant stocked next to existing trees and vegetation	27/05/2015





	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
10	27/05/2015	Kam Tin River	5	Removed the machine from the site for repairing	27/05/2015
11	27/05/2015	Kam Tin River	Chemicals are not stored properly	Stored the chemical properly	27/05/2015





#### 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**.

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

Item No.	Description	Date of Issue	Ref. No	Date of Expiry
1	Environmental Permit (EP)	30 May 2013	EP-450/2013	N.A.
2	Registration as a Chemical Waste Producer	10 Jan 2014	WPN5213-524- S3777-01	N.A.
3	Effluent Discharge License	25 Feb 2014	W5/1I384/1	28 Feb 2019
4	Billing Account for Disposal of Construction Waste	16 Dec 2013	7018953	N.A.
5	Construction Noise Permit	N.A.	N.A.	N.A.





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

5.1.1 The cumulative log of complaints, notices and summons is provided in Appendix4 where there were no complaints, summons nor notices reported since the commencement of the construction work so far.





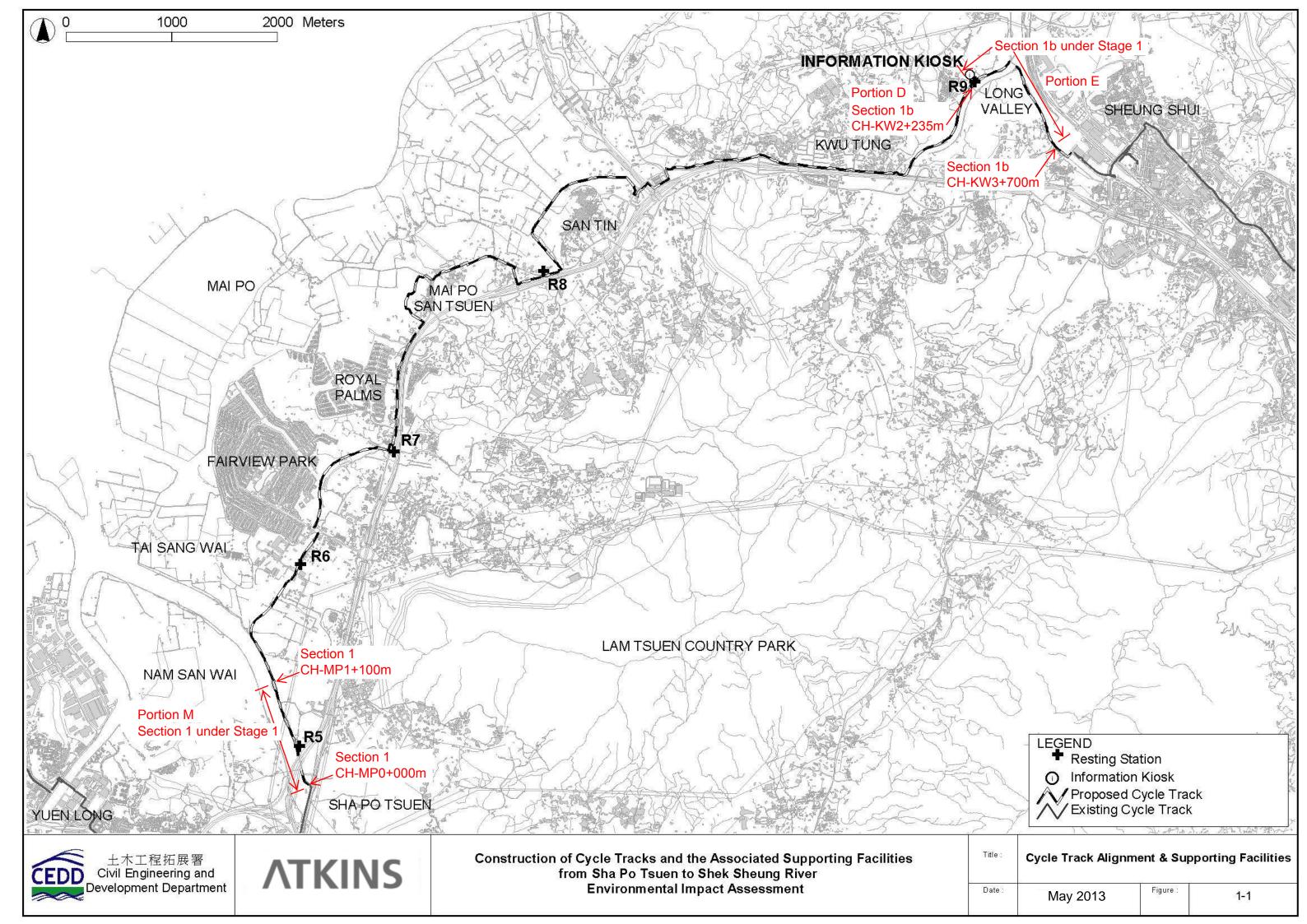
#### 6 CONCLUSIONS

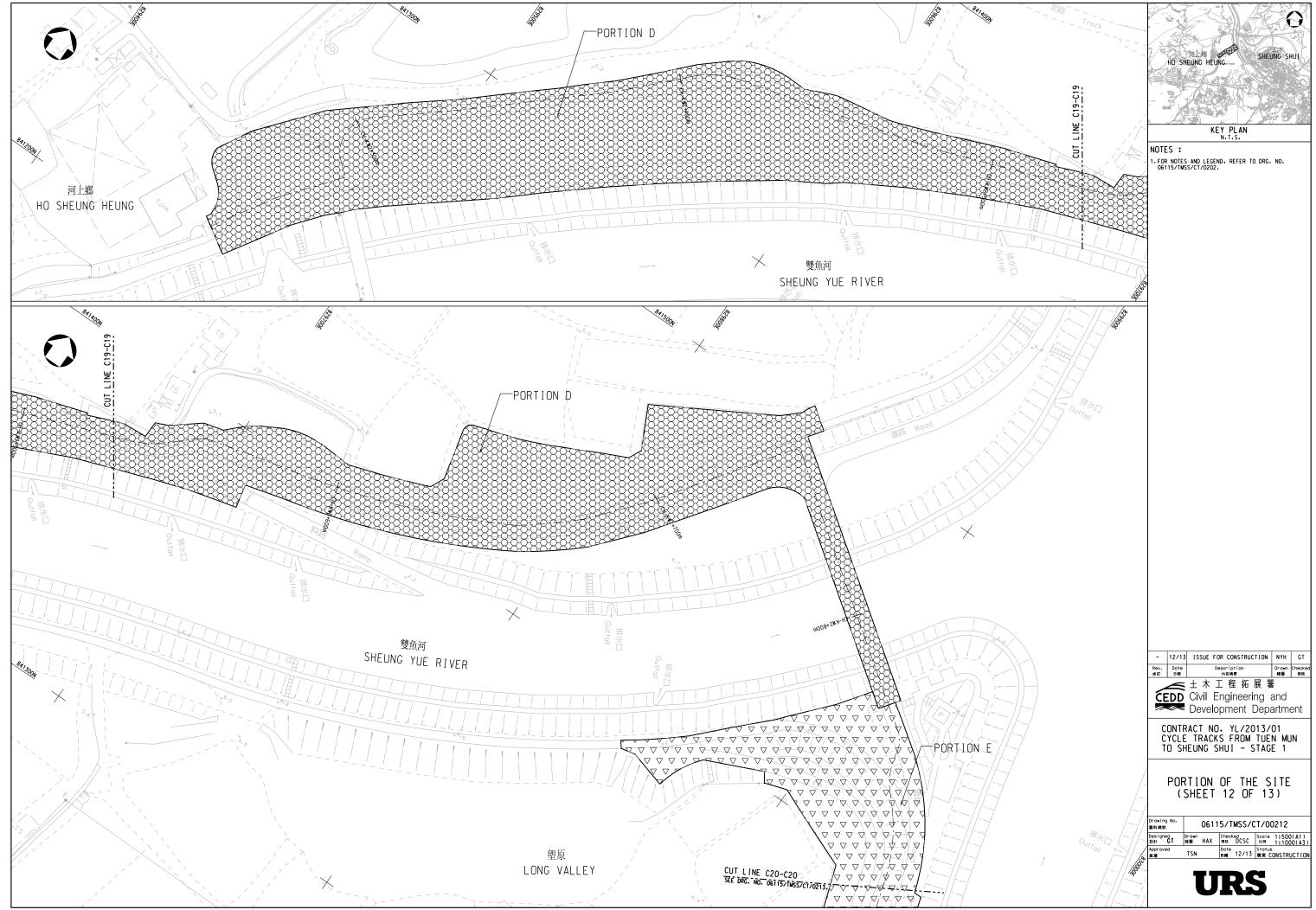
- 6.1.1 There were no complaints, summons nor notices reported since the commencement of the construction work so far.
- 6.1.2 Several environmental issues have been identified by the ET during inspections including stocking of materials & plants next to existing trees and vegetation, existing trees and vegetation not maintained and protected well, chemical not stored properly, presence of stagnant water and leakage from machine.
- 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 impact 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.





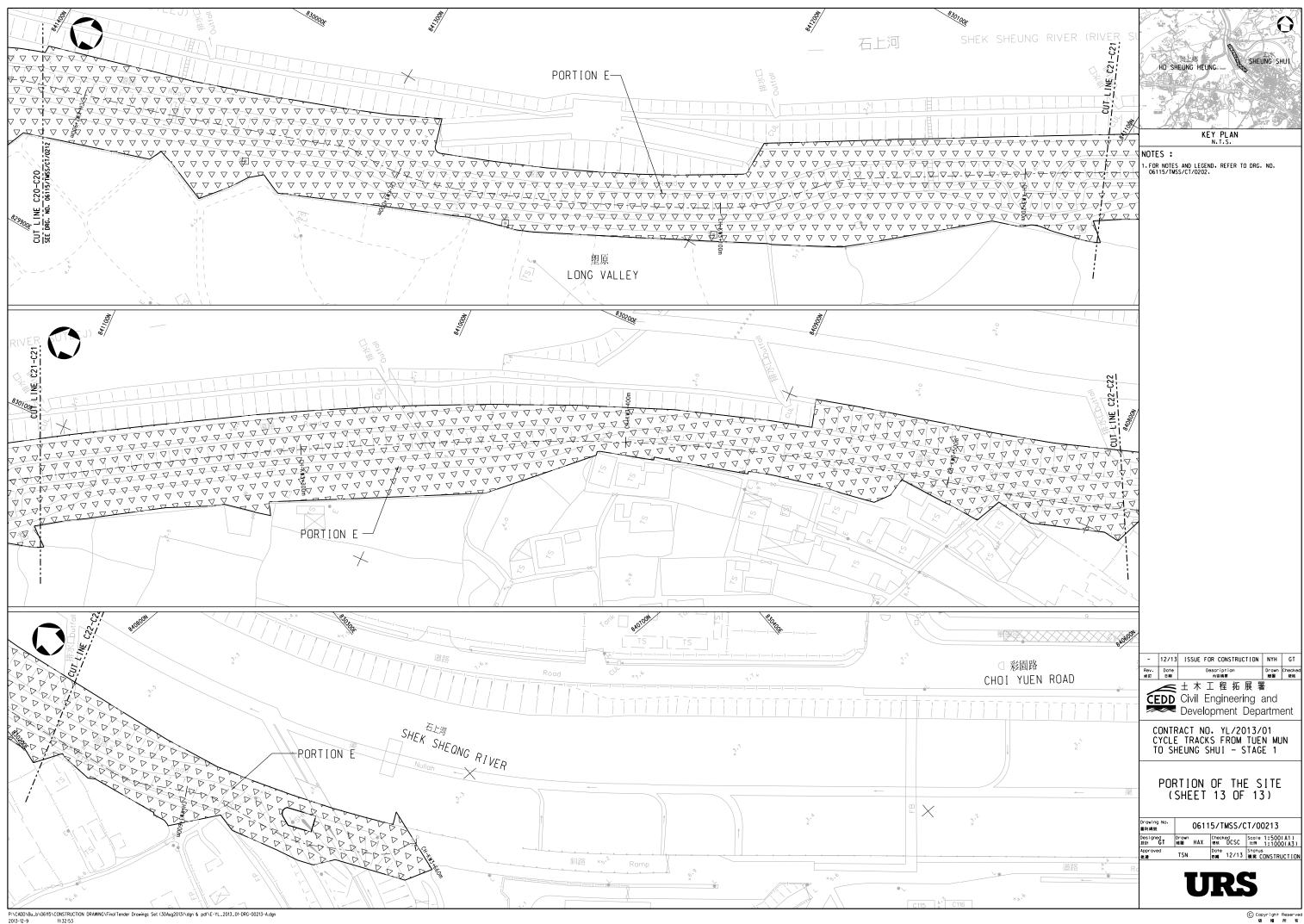
# APPENDIX 1 SITE LAYOUT PLANS



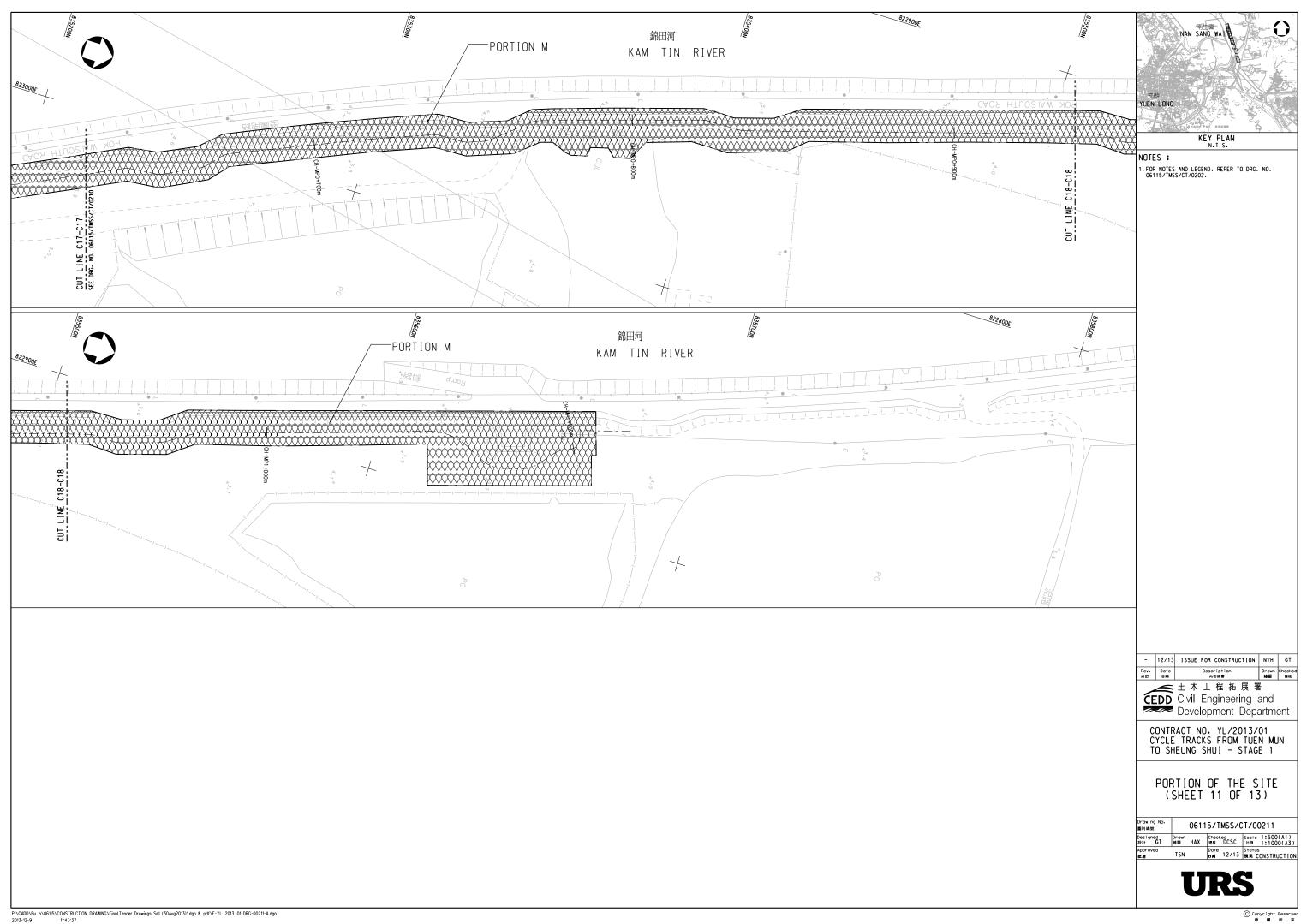


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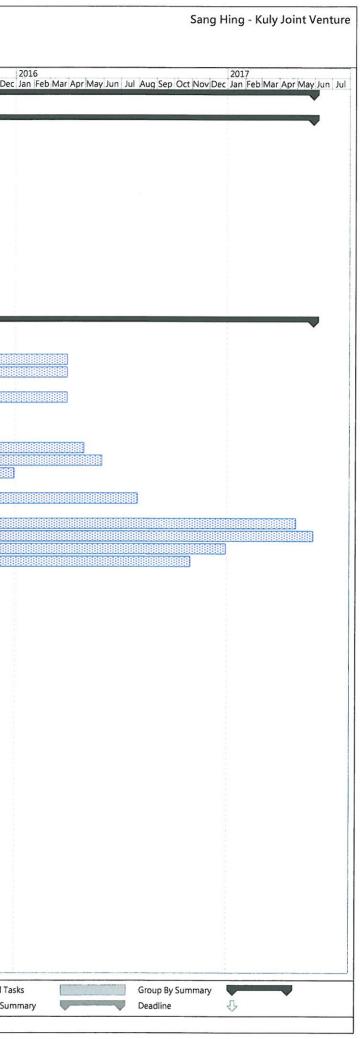


# APPENDIX 2 CONSTRUCTION PROGRAMME

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

Project Programme of the Works

ramme of the Works ract Key Dates Date for Commencement of the Site Possession Dates Portion A Portion B Portion C1, C3 & C4 Portion C2 Portion D Portion C2 Portion G1 Portion G2 Portion G2 Portion G2 Portion K Portion K Portion K Portion S1 & C4 Portion K Portion S2 Portion K Portion S2 Portion K Portion S2 Portion S2 Portion S2 Portion S3 Portion S4 Portion J Portion J Portion J Portion J Portion J Portion J Portion J Portion J Portion M Portion M Portion J Portion J Portion M Portion M Portion M Portion S4 Portion J Portion M Portion M	s C4 rks within Portions C1, C3 & C4 rks within Portion C2	Duration 1279 days 0 days 548 days 854 days 854 days 639 days 609 days 274 days 8274 days 854 days 639 days 609 days 274 days 609 days 274 days 609 days 274 days 609 days 274 days 609 days 274 days 607 days 609 days 274 days 609 days 274 days 609 days 274 days 609 days 274 days 609 days 701 days 609 days 701 da	Start Fri 13 Nov 29 Fri 13 Nov 29 Wed 14 Apr 30 Fri 13 Nov 29 Fri 13 Nov 29	Finish         Predecessors           Tue 17 May 30           Tue 17 May 30           Fri 13 Nov 29           Sat 14 May 31           Fri 13 Nov 29           Sat 14 May 31           Fri 13 Nov 29           Fri 13 Nov 29           Sun 14 Mar 2           Fri 13 Nov 29           Fri 13 Nov 29           Fri 13 Nov 29           Fri 13 Nov 29           Sat 14 May 31           4FS+184 days           Wed 14 Apr 30           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	2014 Oct Nov Dec Jan Feb N	tar Apr May Jun Ju	ıl Aug Sep Oct Nov'l	2015 Dec Jan Feb Mar Apr May	Jun Jul Aug Sep Oct Nov Dec
ract Key Dates Date for Commencement of the Site Possession Dates Portion A Portion B Portion C1, C3 & C4 Portion C2 Portion C2 Portion D Portion E Portion G1 Portion G2 Portion G2 Portion M Portion M Portion N Portion K Portion M Section Completion of the Work: Section W1A - Portions C1, C3 & G Section W1A - Portions C1, C3 & G Section W1A - Portions D & E Section W1A - Portions D & E Section W3 - Portions D & E Section W4 - Portions J & K Section W7 - Portion J Section W7 - Portion J Section W8 - Landscape Softwor Section W8D - Landscape Softwor Section W8D - Landscape Softwor	s C4 rks within Portions C1, C3 & C4 rks within Portion C2	1279 days 0 days 184 days 0 days 548 days 774 days 854 days 701 days 639 days 609 days 609 days 854 days 701 days 609 days 700 days	Fri 13 Nov 29 Fri 13 Nov 29 Sun 14 Mar 2 Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29 Sat 14 May 31 Wed 14 Apr 30 Fri 13 Nov 29 Wed 14 Apr 30 Fri 13 Nov 29 Fri 13 Nov 29	Tue 17 May 30 Fri 13 Nov 29 Sat 14 May 31 Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29 Sun 14 Mar 2 4FS+94 days Fri 13 Nov 29 Fri 13 Nov 29 Fri 13 Nov 29 Sat 14 May 31 4FS+184 days Wed 14 Apr 30 4FS+153 days Fri 13 Nov 29 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 Fri 15 Oct 30					
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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 - at the	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	8				
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 I to Progress	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	
1	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 0033			
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.
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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 Tas	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
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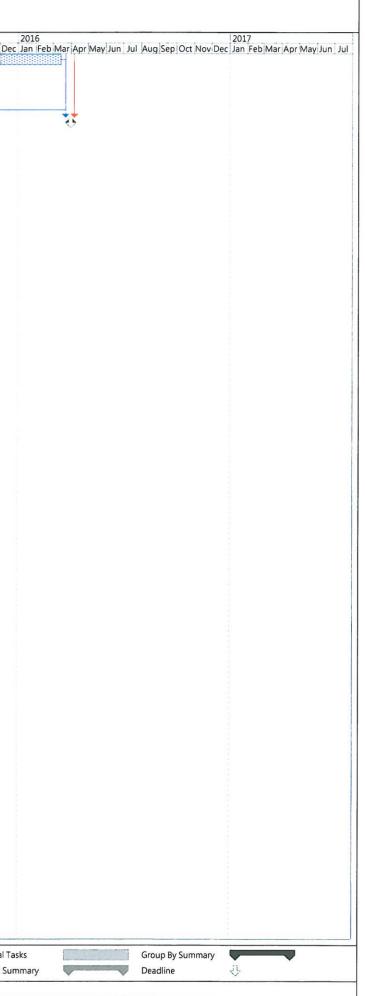
# 2016 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Tasks Group By Summary -Summary Deadline S

#### 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	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

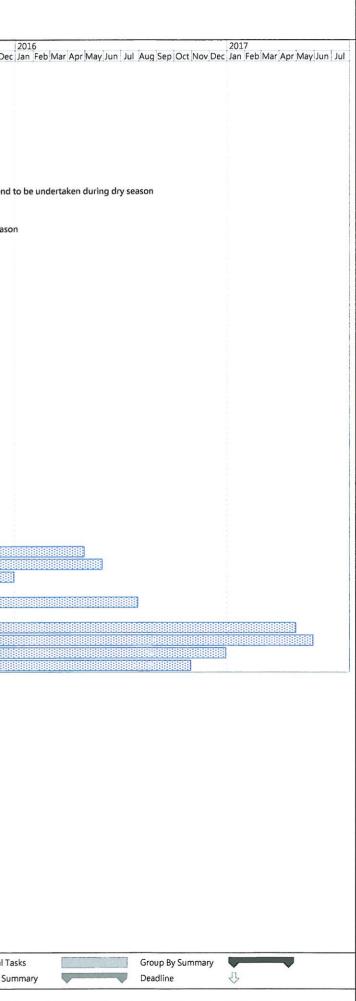
	from Tuen Mun to Sheugn Shui - Stage 1				
	amme of the Works				
0	fask Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De
5	CHA - m0+00 ~ m0+200 YOHO Town Phase 3 Development	125 days	Mon 14 Oct 13	Sat 15 Feb 14 282	
	CHA - E5+840 ~ 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	Mad 14 / 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 \Rightarrow	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
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Rodney Ip	Environmental Team Leader	2410 3750
AECOM Consulting Services Limited (former 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. W.K. Tang	Site Agent	9300 7037
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 this reporting month	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



Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1 (DP Works Area) EM&A Report No. 13 – May 2015



# 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 55 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

## Weekly Environmental Walk Inspection Report

<u>Part I:</u>		
Contract No. YL/2013/01	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u>	
Date of Inspection 7 May 2015	Time $12:00$	
Persons making the inspection: /		
Name in Block Letters 1. 2. Michael War 3. Wors Tak Wah 4. Patrick Ma	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature Hares
5. <u>Alovísius Wong</u> 6 7	Landscape Architect	

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Existing trees and vegetation are not maintained and	14 May 2015	14 May 2015	
2.		protected as required			
3.	Showna Yune River	Material & Plant storked next to existing trees	14 MAN 2015	21 May 2015	Issue found on 29Apr-2015
4.		and imprestation			- A Coperation
5.	Shek Sheuna Riva-	Noterial & Plant staded next to existing trees	14 May 2015	11 Jun 2015	
6.		and vegetation			
7.		(October )			
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 Landscape Architect

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

Officer/Assigned Person	
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Date \_\_\_\_\_

The Environmental Team's Representative \_\_\_\_\_ Date 15 June 2015

### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No.355) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection:	7 May 2015	
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	
Wind:	Calm/Light/Breeze/Strong	
Location(s):	Kam Tin River, Sek Snewy River, Shewing Yue Rive-	

Time 10:30 - 12:00 Temperature: <u>27</u> <sup>0</sup>C Humidity: High/Moderate/Low

Person(s) making the inspection:

Name in Block Letters Designation						<b>Organisat</b>	ion
		/	Contractor's Agent			Sang Hing	g – Kuly Joint Venture
Ha	hael	Wan	Environmental Officer				g – Kuly Joint Venture
W	on Ta	K. Wah	The Engineer's Nominated Sit	e Represe	entative		g Kong Ltd.
Patrick Ma Environmental Team's Repres							g Kong Ltd.
4		/	Independent Environmental C		EC)		ong Kong) Ltd.
1	MAIL	- Wonar	Landscape Architect	neeker (11		Terra Stuc	
-11	<del>oysus</del>		Landscape Arenneet	YES	NO	N/A	REMARK*
1	GEN	ERAL		1 20	110		
	a.		mit (EP) copy at place of work	( 🗸 )	( )	( )	
	b.		sters/notices at place of work	( / )	( )	( )	
	c. d.	Site kept clean and Engine shut off wh			()	()	
	u. e.		e of site plant and equipment			$\left(\begin{array}{c} \\ \end{array}\right)$	
	f.	Other: Please spec			()		
		1	5		. ,		
2.		POLLUTION			5 G I		
	a.		rdings provided as required	()	<u>()</u>	(~)	
	b. с.	Haul Road paved of Water spraying due	ring loading and unloading of		( )	( )	19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -
	С.	dusty material	ing loading and unloading of	()	()	$(\checkmark)$	
	d.		& dusty materials in storage		//		
		wetted or covered	by tarpaulin as required	()	( )	( )	
	e.		neasures taken and/or dust Screen	0	$\langle \rangle$	$\langle \rangle$	
	f.	erected for dusty si Wheel washing has	ys provided at site vehicle exits	(•)	( )	( ).	
	1.	and maintained in	good working order	$(\cdot)$	()	()	
	g.		shed before leaving site	$(\checkmark)$	( )	( )	
	h.		with mechanical tarpaulin cover	( )	( )	$(\checkmark)$	
	i.		nicles covered by tarpaulin	(2)	( )	<u>()</u>	
	j. k.		rol (8KM/hr) on site sion control from site plant	$\frac{(\checkmark)}{(\checkmark)}$	()		
	к. 1.	No opening burnin	g of debris on site		()		
	m		Surphur Diesel (ULSD) for				
		constructional plan	t and equipment	(~)	( )	( )	
	n.	Other: Please spec	ify	( )	( )	( )	
3	WAT	ER POLLUTION					
5	a.	Tightly sealed clos	ed grab excavator used for river				
		channel excavation	n works	( )	( )	$(\checkmark)$	
	b.		vorks sections by sections as		<i>(</i> )	<i>(</i> )	
	0	required Splashing of sedim	ent avoided during transfer		()		
	c. d.	Floating debris in r					
	е.	Leakage from plan			()	()	
	f.	Wheel washing bay			( )	( )	
	g.		e diversion provided as required	( )	( )	( )	
	h.		ater discharge through silt traps or			$\langle \rangle$	
	i.	sedimentation tank	s tation tank & drainages cleared			()	
	I. J		d at site entrance and around road				
	-	gullies as necessary		$(\checkmark)$	( )	( )	
	k.		icense applied as necessary	$(\checkmark)$	( )	( )	
	1.	Self-monitoring on	site runoff/wastewater conducted				
		as necessary			()	( )	

Page 1 of 3

- Chemical toilets provided as necessary Heavy Rainstorm Response Procedure displayed m.
- n.
- Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October Other: Please specify 0.
- p.

	YES	NO	С	N/A	REMARK*
<u>NOISE POLLUTION</u> a. Temporary noise barriers installed at works area as					
a. Temporary noise barriers installed at works area as needed	(1)	(	)	()	
b. Noisy plant and equipment sited away from noisy			)	()	
sensitive receiver as possible	( )	(	)	$(\checkmark)$	
c. Air Compressors and portable percussive breakers				/	
with Noise Emission Labels	_( )	(	)	(1)	
d. Pneumatic percussive breakers fitted with sound	(	,	`	1	
e. Engine flap covers kept closed of construction plant	_()	(	)	()	
during operations	()	(	)	$(\checkmark)$	
f. Excavator breaker tip wrapped with sound insulating					
material for breaking work	( )	(	)	(1)	
g. Noise baffles/screens to noisy machines/site activities		,			
h. Valid Construction Noise Permits (CNP) for works in	( )	(	)	( )	
restricted hours	()	(	)	$(\checkmark)$	
i. Full compliance with CNP conditions	$\overrightarrow{()}$	(	)	( )	
j. Other: Please specify	( )	(	)	( )	
<u>WASTE MANAGEMENT</u> a. Designated area for sorting and temporary storage of					
a. Designated area for sorting and temporary storage of C & D materials on site	$(\cdot \land )$	(	)	()	
b. Proper sorting of inert and non-inert materials		(	5	$\left( \right)$	
c. Recycle bins for recycling of different materials		(	)	()	
d. Rubbish bins for general rubbish	$(\checkmark)$	Ì	)	()	
e. Measures taken to avoid cross contamination of					
different wastes	( )	(	)	( )	
f. Disposed of regularly to avoid excessive accumulation	$\langle \rangle$	(	)	()	
g. Trip tickets and EPD chits duly completed and used			)		
in C & D waste disposal	$(\vee)$	(	)	()	
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	( )	(	)	$( \cdot )$	
k. Used trip tickets kept for chemical waste disposal	-(-)		$\frac{1}{2}$		
1 Proper handling of contaminated soil samples in land			/		
contamination investigation work	( )	(	)	( 🗸 )	
m. Proper storage of contaminated soil samples in land		(	`		
n. Emergency spillage procedure posted and correctly	_(_)_	(	)	$( \mathbf{\nabla} )$	
implemented	(1)	(	)	()	
o. Other: Please specify		Ì	)	()	
× •					
OTHERS					
a. Existing trees and vegetation maintained and protected as required	()	(./	1	()	
b. Materials & Plant kept way from existing trees and			)	()	
vegetation	( )	$( \vee$	5	( )	
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.	()	(	)	$(\cdot / \cdot)$	
g. Others: Please specify	()	(	)		
5. Outers, i lease specify		(	)	()	*To record the details of
					compliance for the checked
OTHER COMMENTS					items if applicable
Signed By	Signed	Bv			
	Signed				
1			/	2	
HAS			7	Su	

Name & Title: Patrick Ma Environmental Team's Representative

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Twoway (1000) esentative 6

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>55</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 <u>56</u> (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. YL/2013/01	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u>	
Date of Inspection <u>4 May 2015</u>	Time 0130 - 12:00	
Persons making the inspection:		
Name in Block Letters	Designation	Signature
1. WK Tang	Contractor's Agent (or his Representative)	EY W.F
2. Micheal Wan	Environmental Officer (or Environmental Supervisor)	
3. Wong Tak Wah	The Engineer's Nominated Site Representative	
4. Banky Ho	Environmental Team's Representative	Ho
5. Bong Yu	Independent Environmental Cheeker	\$73
6		
7		
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kaim Tin River	Chemicals are not stored properly.	21 May 2015	21 May 2015	
2.	Kann Tin River	Stagnaut Water Was noted	21 May 2015	21 May 2015	
3.	Shewing the River	Materials & Plant stocked to existing trees and	21 May 2015	27 May 2015	Issue found on 29 April 2015
4.	0	vegations.			
5.		0			
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 Environmental Team's Representative Ao

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 \_\_\_\_\_ 15 June 2015

### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No.56) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection: $14 \text{ May 2015}$ Time $10.30 - 12.30$	
Weather: <u>Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy</u> Temperature: <u>32</u> <sup>0</sup> C	
Wind: Calm/Ligh/Breeze/Strong Humidity: High/Moderati	e/Low
Location(s): Kom Tin River, Shek Shewing River Shewing The River	

Derson(s) making the inspection

reison(s) making me ms	pecuoli.	
Name in Block Letters	Designation	<u>Organisation</u>
WK Jang	Contractor's Agent	Sang Hing – Kuly Joint Venture
Michenl Wan	Environmental Officer	Sang Hing - Kuly Joint Venture
Wong Tak Wah	The Engineer's Nominated Site Representative	URS Hong Kong Ltd.
BOWNY HO	Environmental Team's Representative	URS Hong Kong Ltd.
Bongru	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.
	Landscape Architect	Terra Studio Ltd.

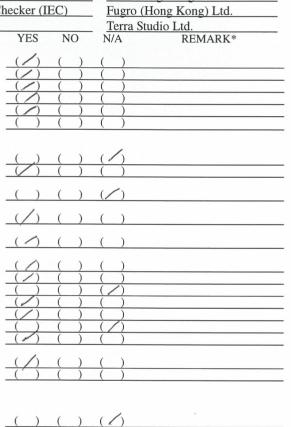
- GENERAL 1
  - Environmental Permit (EP) copy at place of work a.
  - Environmental posters/notices at place of work b.
  - C.
  - Site kept clean and tidy Engine shut off when not in use d.
  - Proper maintenance of site plant and equipment e.
  - Other: Please specify

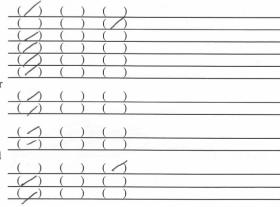
#### 2.

- AIR POLLUTION a. Site Perimeter Hoardings provided as required
- Haul Road paved or kept wet b. Water spraying during loading and unloading of c.
- 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
- Wheel washing bays provided at site vehicle exits and maintained in good working order Vehicle wheels washed before leaving site f.
- h. Dump trucks fitted with mechanical tarpaulin cover
- Dusty loads on vehicles covered by tarpaulin i.
- Vehicle speed control (8KM/hr) on site i.
- Black smoke emission control from site plant k.
- 1. No opening burning of debris on site m
- Use of Ultra Low Surphur Diesel (ULSD) for constructional plant and equipment
- Other: Please specify n.

#### WATER POLLUTION 3

- 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
- Leakage from plant & vessel avoided e.
- Wheel washing bay desilted regularly f.
- Temporary drainage diversion provided as required h. Site runoff/wastewater discharge through silt traps or sedimentation tanks
- Silt traps, sedimentation tank & drainages cleared i.
- Sand bags provided at site entrance and around road J gullies as necessary
- k. Water Discharge License applied as necessary
- Self-monitoring on site runoff/wastewater conducted 1. as necessary
- Chemical toilets provided as necessary m.
- Heavy Rainstorm Response Procedure displayed n.
- Construction works adjacent to the fishponds near 0. Kam Tin River and Long Valley should not be undertaken in April to October
- Other: Please specify p.







Stagnant water was noted.

- 4. NOISE POLLUTION Temporary noise barriers installed at works area as a.
  - needed Noisy plant and equipment sited away from noisy b.
  - 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 activitie g. as necessary
  - Valid Construction Noise Permits (CNP) for works in h. restricted hours
  - Full compliance with CNP conditions i.

#### Other: Please specify j.

#### WASTE MANAGEMENT 5

Designated area for sorting and temporary storage o a. C & D materials on site

- b. Proper sorting of inert and non-inert materials
- Recycle bins for recycling of different materials C.
- Rubbish bins for general rubbish d.
- 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 g. in C & D waste disposal
- Registration as Chemical Waste Producer as require h.
- Chemical wastes properly labeled and packaged i. Chemical wastes pending collection stored properly
- j. to avoid leakage
- k. Used trip tickets kept for chemical waste disposal Proper handling of contaminated soil samples in lan 1...
- contamination investigation work Proper storage of contaminated soil samples in land m. contamination investigation work
- n. Emergency spillage procedure posted and correctly implemented
- Other: Please specify 0.

#### 6 OTHERS

- Existing trees and vegetation maintained and a. 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.
- Others: Please specify g

### OTHER COMMENTS

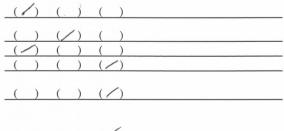
- 7. a.
- b. c.

Signed By

Name & Title: Bowy 1+ Environmental Team's Representative

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		(/)	<u>Chemicals are not sto</u> red probably



To record the details of compliance for the checked items if applicable

TUNA ION

Name & Title: Engineer's Nominated Site Representative

Signed By

#### NI/A DEMADK\*

VEC

NO

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>56</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
Item no. 5(o)	Rectified Date: 21 May 2015
Description: Chemicals are not stored probably.	Follow up Action Taken: Stored the chemical probably
Location: Kam Tin River	
Item no. 3(p)	Rectified Date: 21 May 2015
Description: Stagnant water was noted. Location: Kam Tin River	Follow up Action Taken: Remove of stagnant water
Excation: Kain Tin Kiver	Rectified Date: 27 May 2015
Description: Material & Plant stocked next to existing trees	Follow up Action Taken: Relocate the material and plant
and vegetation	stocked next to existing trees and vegetation
Location: Sheung Yue River	

### **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<sup>57</sup> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Weekly Environmental Walk Inspection Report		
<u>Part I :</u>		
Contract No. YL/2013/01	Contract Title <u>Cycle Track from Tuen Mun to Sheung Shui – Stage 1</u>	
Date of Inspection 20 May 2015	Time 10:30 - 12:00	
Persons making the inspection:		
Name in Block Letters	Designation	Signature
1. WK Tang	Contractor's Agent (or his Representative)	Trange
2. Micheel Way	Environmental Officer (or Environmental Supervisor)	1 Ans
3. Wang Tak Wah	The Engineer's Nominated Site Representative	
4. Barry Ho	Environmental Team's Representative	4
5. Alaysins Wong	Landscope Architect	
6		
7		
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Chemicals are not stored properly	27 May 2015	27 Nay 2015	Issue found on 14 May
2.	Kom Tin River	Materials & plant stocked next to existing	27 May 205	11 Jun 2015	
3.		trees & regetation			
4.	Shenny Kue River	Materials & plant stocked heart to existing	27 May 2015	27 May 2015	Isine Found on 29 April
5.	5	trees & vegetation.	l l		the man of a providence of the
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 Environmental Team's Representative 1AD

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

15

.105 2015 June

### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No. 57) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection:	20 May 2015	Time 10:30 - 12:00
	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: <u>29</u> <sup>0</sup> C
Wind:	Calm/Light/Breeze/Strong	Humidity: High Moderate/Low
Location(s):	Kam Tin River, Shek Sheung River, Sheung the River	

### Person(s) making the inspection:

r erson(s) making the ms	peedon	
Name in Block Letters	Designation	<u>Organisation</u>
WK Tang	Contractor's Agent	Sang Hing – Kuly Joint Venture
Micheal Wow	Environmental Officer	Sang Hing - Kuly Joint Venture
Wong Tak Wah	The Engineer's Nominated Site Representative	URS Hong Kong Ltd.
Barry Ho	Environmental Team's Representative	URS Hong Kong Ltd.
· · · ·	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.
Aloysius Wong	Landscape Architect	Terra Studio Ltd.
	VEC NO	

- GENERAL 1
  - Environmental Permit (EP) copy at place of work a.
  - 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

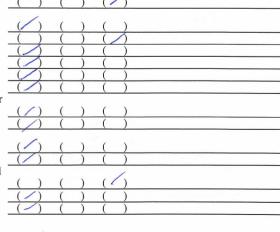
#### 2 AIR POLLUTION

- Site Perimeter Hoardings provided as required a.
- Haul Road paved or kept wet b.
- Water spraying during loading and unloading of c. dusty material
- Exposed stockpile & dusty materials in storage d. wetted or covered by tarpaulin as required
- Dust suppression measures taken and/or dust Screen erected for dusty site activities e.
- f. Wheel washing bays provided at site vehicle exits and maintained in good working order
- Vehicle wheels washed before leaving site g
- Dump trucks fitted with mechanical tarpaulin cover h.
- Dusty loads on vehicles covered by tarpaulin i.
- Vehicle speed control (8KM/hr) on site 1.
- 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
- Other: Please specify n.

#### 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.
- Floating debris in river cleared d.
- Leakage from plant & vessel avoided e.
- f. Wheel washing bay desilted regularly
- Temporary drainage diversion provided as required g. h. Site runoff/wastewater discharge through silt traps or sedimentation tanks
- i. Silt traps, sedimentation tank & drainages cleared J Sand bags provided at site entrance and around road
- gullies as necessary
- Water Discharge License applied as necessary k.
- Self-monitoring on site runoff/wastewater conducted 1. as necessary
- m. Chemical toilets provided as necessary
- Heavy Rainstorm Response Procedure displayed n. Construction works adjacent to the fishponds near 0. Kam Tin River and Long Valley should not be undertaken in April to October
- Other: Please specify p.

sentative Checker (IEC)	URS Hong Kong Ltd. Fugro (Hong Kong) Ltd.	
YES NO	Terra Studio Ltd.N/AREMARK*	



4.		ISE POLLUTION	YES	N	0	N/A	REMARK*
	a.	Temporary noise barriers installed at works area as	. /.	,			
	b.	needed Noisy plant and equipment sited away from noisy	_( / )	(	)	( )	
	υ.	sensitive receiver as possible	( )	(	)	$( \land )$	
	c.	Air Compressors and portable percussive breakers	()	(	)	( / )	
		with Noise Emission Labels	()	(	)	$\langle \rangle$	
	d.	Pneumatic percussive breakers fitted with sound		(	)	( )	7
		mufflers	( )	(	)	( )	
	e.	Engine flap covers kept closed of construction plant			/		
		during operations	( )	(	).	$( \land )$	
	f.	Excavator breaker tip wrapped with sound insulating				1	
	~	material for breaking work	( )	(	)	( 1 )	
	g.	Noise baffles/screens to noisy machines/site activities as necessary		,			
	h.	Valid Construction Noise Permits (CNP) for works in		(	)	( )	
		restricted hours	()	(	>	$( \cap$	
	i.	Full compliance with CNP conditions	$\left( \right)$	$\left( \right)$			
	j.	Other: Please specify	$\left( \right)$	$\overline{(}$		$\left( \right)$	
	5			(	)	()	
i.	WA:	STE MANAGEMENT					
	a.	Designated area for sorting and temporary storage of					
	1.	C & D materials on site		(	)	( )	
	b.	Proper sorting of inert and non-inert materials		(	)	( )	
	c. d.	Recycle bins for recycling of different materials		(	)	( )	
	e.	Rubbish bins for general rubbish Measures taken to avoid cross contamination of		(	)	( )	
	C.	different wastes	$( \land )$	(	>	$\langle \rangle$	
	f.	Disposed of regularly to avoid excessive	( / )	(	)	( )	
	~	accumulation	$( \land )$	(	)	()	
	g.	Trip tickets and EPD chits duly completed and used		(	)	()	
	-	in C & D waste disposal	( )	(	)	()	
	h.	Registration as Chemical Waste Producer as required	$\overline{()}$	(	)	(	
	i.	Chemical wastes properly labeled and packaged	( )	Ì	)	$\hat{()}$	
	j.	Chemical wastes pending collection stored properly					
	1-	to avoid leakage	_( )	(	)		
	k.	Used trip tickets kept for chemical waste disposal	_()	(	)	(/)	
	1	Proper handling of contaminated soil samples in land contamination investigation work		,		1	
	m.	Proper storage of contaminated soil samples in land	( )	(	)	$( \ )$	
		contamination investigation work	()	(	)	$( \land )$	
	n.	Emergency spillage procedure posted and correctly		(	)	()	
		implemented	( )	(	)	()	
9	о.	Other: Please specify		(	5	()	Memicale are not stored prob
	OTT						Alemiatic are not stored prop
		IERS					
1	a.	Existing trees and vegetation maintained and					
1	b.	protected as required Materials & Plant kept way from existing trees and	( / )	(	)	( )	
_	υ.	vegetation	$\langle \rangle$		~		
(	c.	Topsoil conserved and re-use in landscape works	()	( -	)	()	
	d.	Ni-le di la		(	)	()	
		Night-time lighting controlled to minimize glare	( )	(	)	( / )	
	e.	In situ compensation planting should occur at the				1	
		Information Kiosk and R9	( )	(	)	( )	
f	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.	()	(	)	$\langle \rangle$	
۶	g.	Others: Please specify		(	<u>)</u>	$(\cdot)$	
		- mouse speeny	()	(	)	()	*Te second the day '1 c
							*To record the details of compliance for the checked
(	OTHI	ER COMMENTS					items if applicable
							neme il applicable

Signed By

41.

Name & Title: Bovry HD Environmental Team's Representative Signed By

Torde L

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>57</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 27 May 2015 15:00 - 16:30 Time Persons making the inspection: Name in Block Letters Designation 1. Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) 2. Nichael Wan Wong Tak Wah The Engineer's Nominated Site Representative 3. Patrick MA 4 Environmental Team's Representative 5. 6.

/.					
8.					
Item	Location	Situation Requiring Follow-up Action	Agreed Due Date	Date	Damal
No.		Situation Requiring Follow-up Action	for Completion	Completed	Remark
1.	Kam Tin River	Leakage from tesse machine	27 May 2015	27 May 2015_	
2.	Kan Tin River	Leakage from tessel machine	27 May 2015	27 May 2015	
3.			1	1	
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

The	7	The second s
NAK	)	Contra
25		Lands

Date \_\_\_\_\_

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

Signature

### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No. 58) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

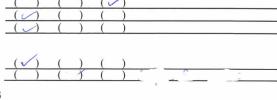
Date of Inspection	27 May 2015	Time <u>15:00 - 16:30</u>
Weather:	Sunny/Fine/Overcast/Drizzte/Rain/Storm/Hazy	Temperature: <u><u></u><sup>3</sup><i>O</i> <sup>0</sup>C</u>
	Calm/Light/Breeze/Strong	Humidity: <u>High/Moderate/Low</u>
Location(s):	Kam Tin River, Shek Sheung River, Sheung Yue. River	

Person(s) making the inspection:

Na	ame in	Block Letters Designation			Organisa	tion
		Contractor's Agent			Sang Hir	<u>ng – Kuly Joint Venture</u>
M	ichael	Wan Environmental Officer			Sang Hir	ng – Kuly Joint Venture
V	Vona To	The Engineer's Nominated Si	te Represe	entative		Consulting Services Ltd.
	Patrick					Consulting Services Ltd.
	-	Independent Environmental C		FC)		long Kong) Ltd.
		Landscape Architect	IICCKCI (II		Terra Stu	
		Landscape Architect	YES	NO	N/A	REMARK*
1	GEN	ERAL	1113	NO	IN/A	KEWI AKK
-	<u>a</u> .	Environmental Permit (EP) copy at place of work	$(\checkmark)$	()	( )	
	b.	Environmental posters/notices at place of work		( )	( )	
	c.	Site kept clean and tidy	$(\checkmark)$	( )	( )	
	d.	Engine shut off when not in use	$(\checkmark)$	( )	( )	
	e.	Proper maintenance of site plant and equipment		( )	()	
	f	Other: Please specify	( )	()	( )	
2.	AIR	POLLUTION				
2.	a.	Site Perimeter Hoardings provided as required	()	()	$(\checkmark)$	
	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		()	( )	
	e.	Dust suppression measures taken and/or dust Screen erected for dusty site activities	$( \land$	()	( )	
	f.	Wheel washing bays provided at site vehicle exits		(		
	1.	and maintained in good working order	$(\checkmark)$	()	()	
	g.	Vehicle wheels washed before leaving site	$\overline{()}$	()	()	
	h.	Dump trucks fitted with mechanical tarpaulin cover	( )	()	$(\checkmark)$	
	i.	Dusty loads on vehicles covered by tarpaulin	(~)	( )	()	
	j.	Vehicle speed control (8KM/hr) on site	( )	( )	( )	
	k.	Black smoke emission control from site plant	()	()	$(\checkmark)$	
	1.	No opening burning of debris on site	()	()	( )	
	m	Use of Ultra Low Surphur Diesel (ULSD) for constructional plant and equipment	()	()	( )	
	n.	Other: Please specify	$\frac{()}{()}$	()	$\left(\begin{array}{c} \end{array}\right)$	
		Strict. I loase speeny				
3	WAT	ER POLLUTION				
	a.	Tightly sealed closed grab excavator used for river				
		channel excavation works	( )	( )	( )	

River excavation works sections by sections as b. required

- c. Splashing of sediment avoided during transfer
- d. Floating debris in river cleared
- e. f. Leakage from plant & vessel avoided
- Wheel washing bay desilted regularly
- Temporary drainage diversion provided as required g. h. Site runoff/wastewater discharge through silt traps or sedimentation tanks
- Silt traps, sedimentation tank & drainages cleared i. J Sand bags provided at site entrance and around road
- gullies as necessary k. Water Discharge License applied as necessary
- Self-monitoring on site runoff/wastewater conducted 1.
- as necessary Chemical toilets provided as necessary m.
- Heavy Rainstorm Response Procedure displayed n.
- Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be 0. undertaken in April to October
- Other: Please specify p.



Page 1 of 3

		YES	N	С	N/A	REMARK*
	ISE POLLUTION					
a.	Temporary noise barriers installed at works area as needed		(	)	()	
b.	Noisy plant and equipment sited away from noisy		(	<u> </u>	( )	
c.	sensitive receiver as possible Air Compressors and portable percussive breakers	_()_	(	)		
d.	with Noise Emission Labels Pneumatic percussive breakers fitted with sound	( )	(	)	( 🗸 )	
u.	mufflers	( )	(	)	( )	
e.	Engine flap covers kept closed of construction plant during operations	( )	(	)	$(\checkmark)$	
f.	Excavator breaker tip wrapped with sound insulating material for breaking work	( )	(	)	$\langle \rangle$	
g.	Noise baffles/screens to noisy machines/site activities			)	( )	
h.	as necessary Valid Construction Noise Permits (CNP) for works in	_( )	(	)	( )	
i.	restricted hours Full compliance with CNP conditions	()		${}$		
ı. j.	Other: Please specify		(	)	()	
117.4	STE 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. d.	Recycle bins for recycling of different materials Rubbish bins for general rubbish		(	$\frac{1}{2}$	()	
а. Э.	M easures taken to avoid cross contamination of	_(•)		)		
f.	different wastes Disposed of regularly to avoid excessive	_(	(	)	( )	
	accumulation	_(`)	(	)	( )	
g.	Trip tickets and EPD chits duly completed and used in C & D waste disposal	$(\checkmark)$	(	)	()	
h.	Registration as Chemical Waste Producer as required			)	()	
i.	Chemical wastes properly labeled and packaged	( )	(	)	( 🖌 )	
j.	Chemical wastes pending collection stored properly		,			
k.	to avoid leakage Used trip tickets kept for chemical waste disposal	()		${}$	( )	
к. 1	Proper handling of contaminated soil samples in land			)		
	contamination investigation work	( )	(	)	( < )	
m.	Proper storage of contaminated soil samples in land	$\langle \rangle$	,	`	~	
n.	contamination investigation work Emergency spillage procedure posted and correctly	_()	(	)	()	
	implemented	$(\checkmark)$	(	)	()	
0.	Other: Please specify	( )	$(\checkmark$	5	( )	Chemicals are not stard probably
OTF	<u>HERS</u>					
a.	Existing trees and vegetation maintained and	/				
1.	protected as required	( )	(	)	( )	
b.	Materials & Plant kept way from existing trees and vegetation	()	(~	)	()	
c.	Topsoil conserved and re-use in landscape works	(1)	(	)	()	
d.	Night-time lighting controlled to minimize glare	()	(	)	$(\checkmark)$	
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.	( )	(	)	$\langle \cdot \rangle$	
g.	Others: Please specify	()	(	)	( )	
0	chiefs, i lease speenj		(	)		*To record the details of
OTF	IER COMMENTS					compliance for the checked items if applicable
1						
Si	gned By	Signed	By			
51	Such Dy	Signeu	Бу			
			_	/	2	

Name & Title: Patrick HA Environmental Team's Representative

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a. b. с.

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5(10W)

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>58</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

