

FAX MESSAGE

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olin Yung	Pages	1	(Incl. this page)
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We refer to the Monthly EM&A Report Rev. 0 for September 2015 that we received through email on 27 October 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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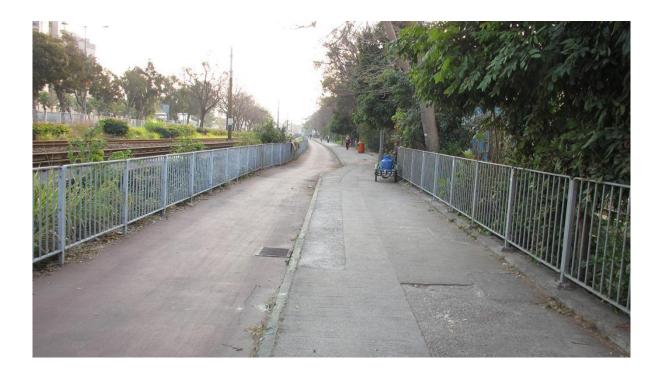
Prepared for the Civil Engineering and Development Department September 2015

## Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

Monthly EM&A Report for September 2015

(Designated Project Works Area)







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REVISION SCHEDULE						
Rev	Date	Details	Prepared by	Reviewed by	Approved by	
0	16 October 2015	EM&A Report No. 17 – Sep 2015	Dorathy Choi	Rodney Ip	Harold Insley	
		Signature	Dy	Pedag	PP DE	

REVISION RECORD						
Rev	Date	Details	Prepared by	Reviewed by	Approved by	
0	16 October 2015	EM&A Report No.17 – Sep 2015	Dorathy Choi	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. 17 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 - 30 September 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, installation of bicycle parapet, backfilling and construction of cycle track, drainage, fill slope, resting station and retaining wall.

#### Site Inspections

Environmental site inspections were conducted on 1, 9, 16, 23 and 29 September 2015.

Several environmental issues have been identified by the ET during inspections including not well enclosing stockpile and dusty materials near the river, presence of stagnant water, not well maintaining and protecting of existing tree, stocking of materials and stockpiles next to trees, not well protecting of existing bamboo grove, improper storage of chemical containers with no label, improper disposal of empty chemical containers & materials at Ushaped channel, and waste was not disposed regularly.

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.

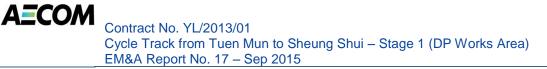
#### Environmental Complaints, Notices, Summons and Remedial Action

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 31 October 2015 of the Project consist of:

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

#### **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

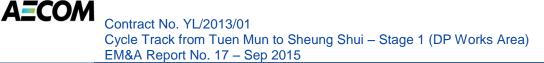
Considering the nature of construction activities, key environmental issues in the coming months include the followings:

- 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**.

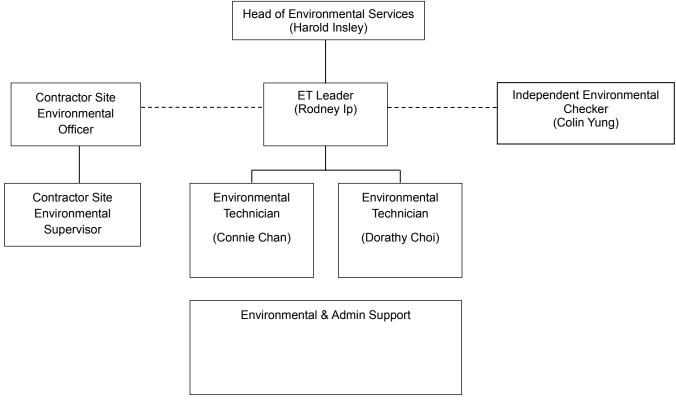


Figure 1 Organization Chart of ET





#### 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, installation of bicycle parapet, backfilling and construction of cycle track, drainage, fill slope, resting station and retaining wall.
- 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>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 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>





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 (Concreting, Formworks, Steelworks)</li> <li>Backfilling of Retaining Wall</li> <li>Construction of Resting station</li> <li>Construction of Fill Slope</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 (October & November 2015). The anticipated environmental issues are summarised as follows:

## Table 2.2Planned Activities for the Coming Two Months (October & November2015)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul> <li>Construction of Drainage</li> <li>Installation of Bicycle Parapet</li> <li>Construction of Cycle Track</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> <li>Construction of Cycle Track</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> <li>Construction of Fill Slope</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 (October 2015) is designated on 9 October (Fri), 14 October (Wed), 20 October (Tue) and 28 October (Wed) 2015.





#### 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 ³ )	0	
	Hard Rock and Large Broken Concrete (in '000m ³ )	0	
Inert C&D	Reused in the Contract (in '000m ³ )	0	
Materials	Reused in other Projects (in '000m ³ )	0	
	Disposed as Public Fill (in '000m ³ )	0	
	Imported Fill (in '000m ³ )	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 ³ )	0.03	

#### 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	1 September 2015	Kam Tin River	Exposed stockpile & dusty materials in storage near the river were not covered	The stockpile and dusty materials were removed or covered properly	9 September 2015
2	1 September 2015	Kam Tin River	Stagnant water was noted	Refers to Item 11	16 September 2015
3	1 September 2015	Kam Tin River	Existing tree is not well maintained and protected	Refers to Item 12	23 September 2015
4	1 September 2015	Kam Tin River	Materials and stockpile were stocked next to trees	The materials and stockpile were removed from trees	9 September 2015
5	1 September 2015	Sheung Yue River	Existing bamboo grove is not well protected		
6	9 September 2015	Kam Tin River	The chemical containers are not labeled and stored properly	The chemical containers were removed	16 September 2015
7	9 September 2015	Kam Tin River	Materials and stockpile were stocked next to trees	Refers to Item 15	29 September 2015
8	9 September 2015	Kam Tin River	Materials and stockpile were stocked next to trees	The materials and stockpile were removed from trees	16 September 2015
9	9 September 2015	Kam Tin River	Empty chemical containers and materials pending disposed at U-shaped channel	The chemical containers and materials were removed	16 September 2015





10	9 September 2015	Kam Tin River	Materials were stocked next to trees	Materials were removed from trees	16 September 2015
11	9 September 2015	Kam Tin River	Stagnant water was noted	Stagnant water was removed	16 September 2015
12	16 September 2015	Kam Tin River	Existing tree is not well maintained and protected	The tree is maintained and protected properly	23 September 2015
13	16 September 2015	Sheung Yue River	Existing bamboo grove is not well protected	None – Follow-up action is required	N/A
14	16 September 2015	Kam Tin River	Materials were stocked next to trees	The materials were removed from trees	23 September
15	23 September 2015	Kam Tin River	Materials were stocked next to trees	The materials were removed from trees	29 September 2015
16	29 September 2015	Shek Sheung River	Waste was not disposed regularly	The waste is removed	30 September 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 There was no complaint, summonses and notices reported in this reporting month. The cumulative log of complaints, notices and summons is provided in Appendix 4.





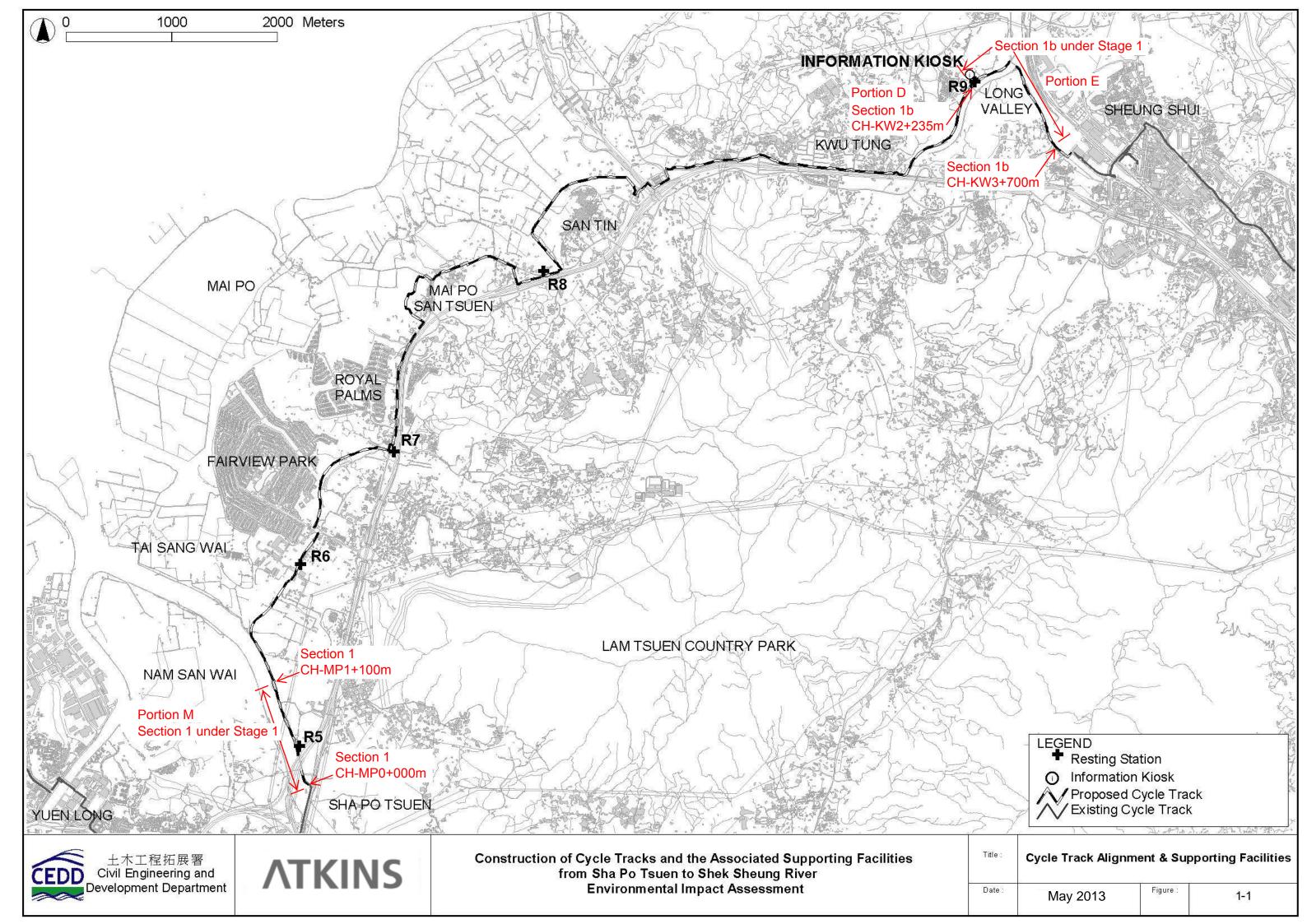
#### 6 CONCLUSIONS

- 6.1.1 There was no complaint, summonses and notices reported in this reporting.
- 6.1.2 Several environmental issues have been identified by the ET during inspections including not well enclosing stockpile and dusty materials near the river, presence of stagnant water, not well maintaining and protecting of existing tree, stocking of materials and stockpiles next to trees, not well protecting of existing bamboo grove, improper storage of chemical containers with no label, improper disposal of empty chemical containers & materials at U-shaped channel, and waste was not disposed regularly.
- 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.





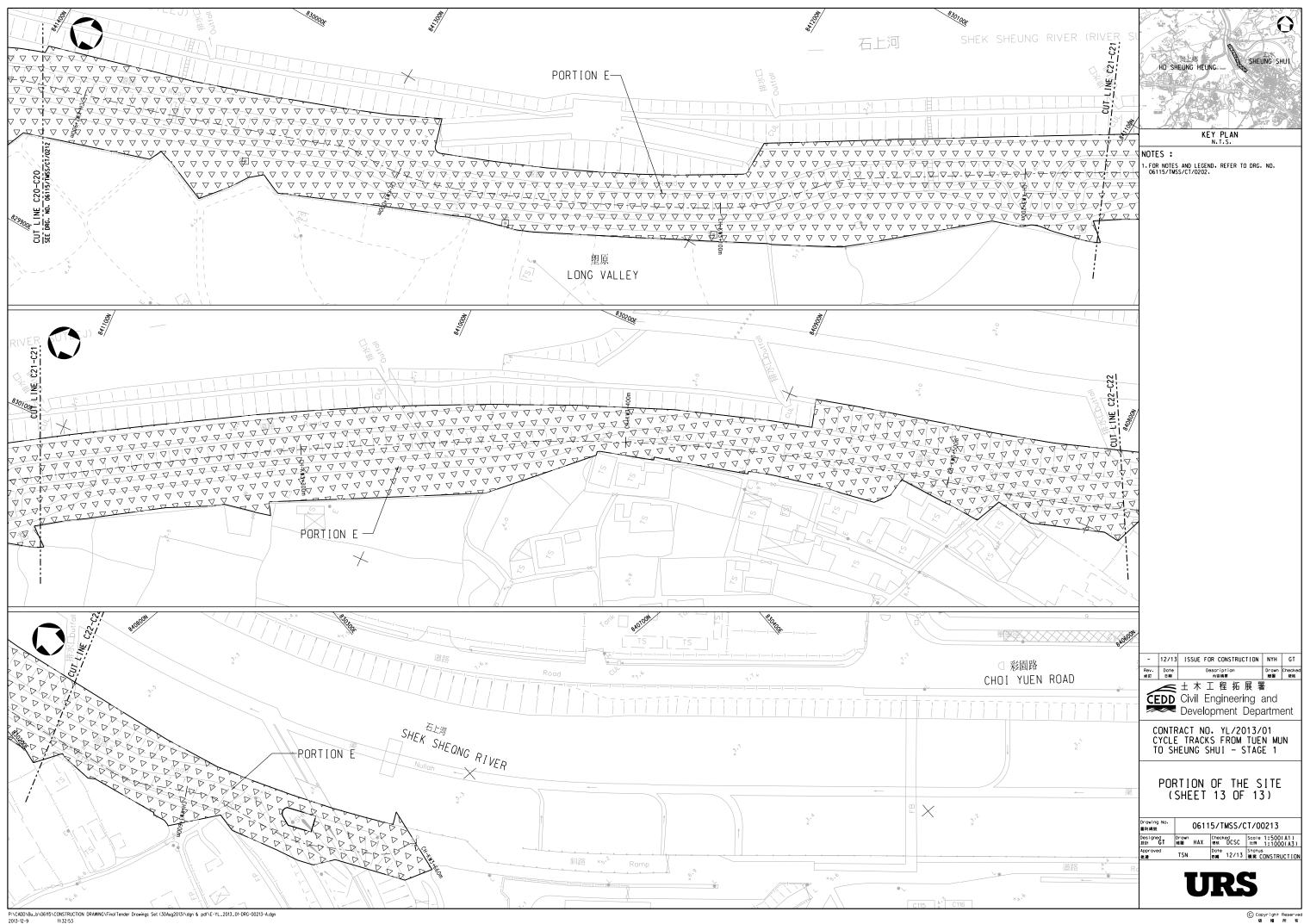
## APPENDIX 1 SITE LAYOUT PLANS



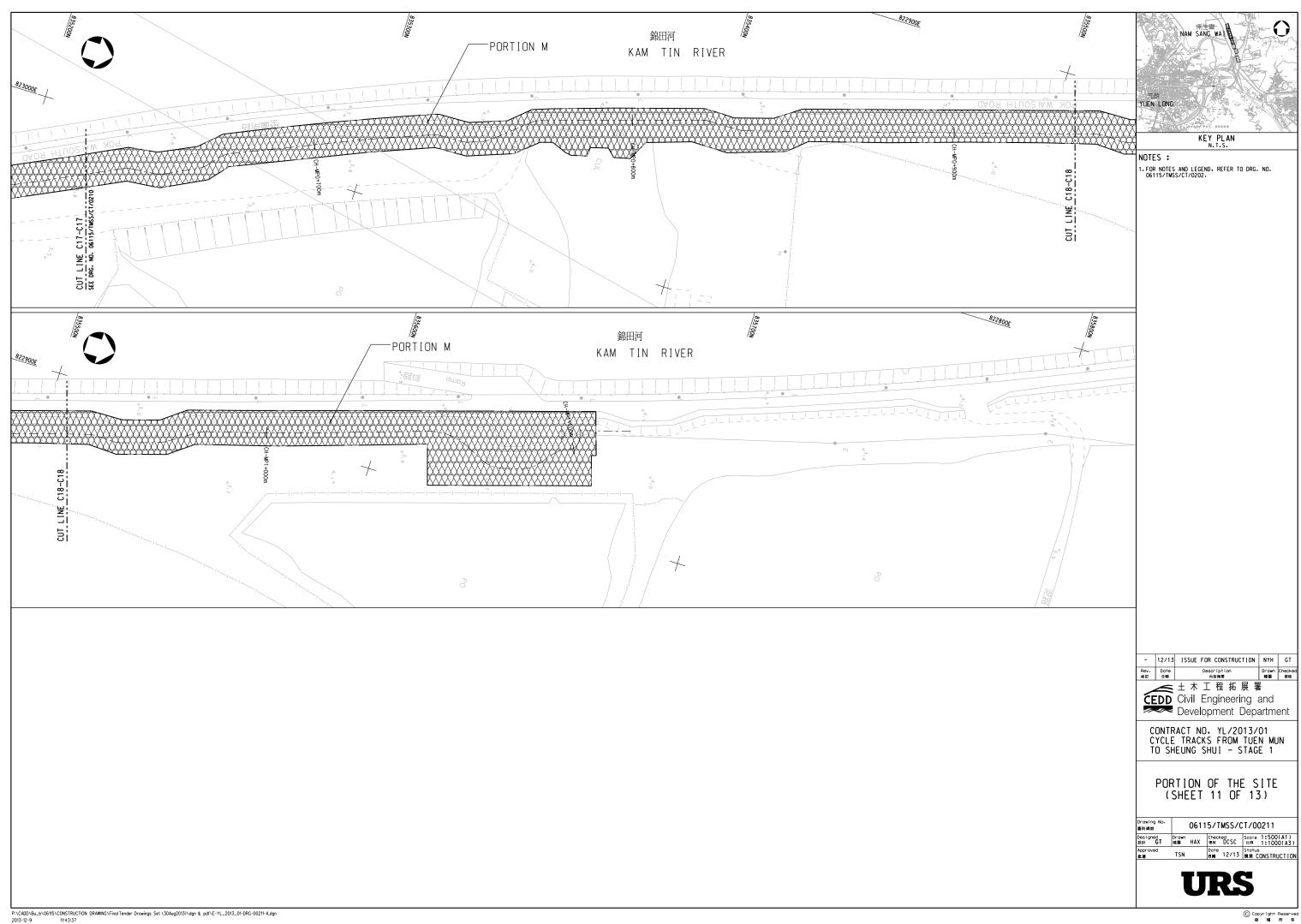


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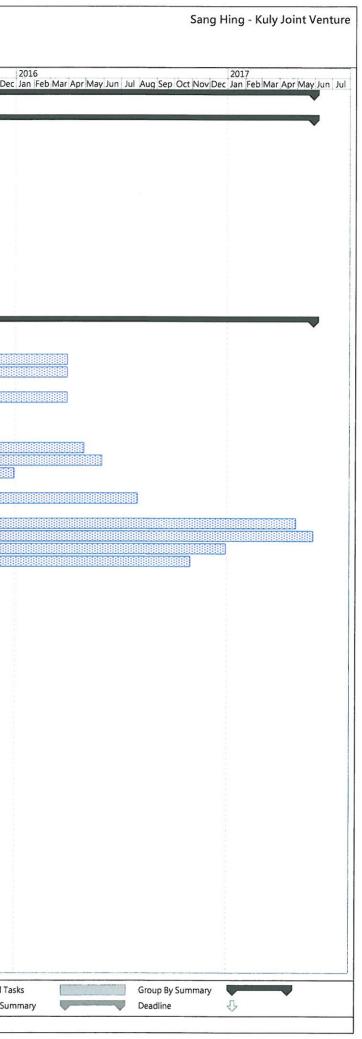


## APPENDIX 2 CONSTRUCTION PROGRAMME

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

Project Programme of the Works

gramme of the Works Tract Key Dates Date for Commencement of the Site Possession Dates Portion A Portion B Portion C1, C3 & C4 Portion C2 Portion D Portion E Portion G1 Portion G2 Portion G2 Portion H Portion J Portion J Portion K Portion M Section Completion of the Works Section W1A - Portions C1, C3 & C Section W1A - Portions C1, C3 & C Section W1A - Portions C1 & G2 Section W1A - Portions G1 & G2 Section W3 - Portion S G1 & G2 Section W4 - Portion J Section W4 - Portion J Section W8 - Landscape Softwor Section W8D - Landscape Softwor	ks within Portions C1, C3 & C4 ks within Portion C2 ks within Portion G1 & J	Duration 1279 days 0 days 184 days 0 days 548 days 854 days 854 days 854 days 639 days 609 days 274 days 854 days 639 days 747 d	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           Sat 14 May 31           4FS+184 days           Wed 14 Apr 30           4FS+153 days           Wed 14 Apr 30           4FS+153 days           Fri 13 Nov 29           Wed 14 Apr 30           4FS+153 days           Fri 13 Nov 29           Wed 14 Apr 30           AFS+153 days           Fri 13 Nov 29           Wed 14 Apr 30           Sat 15 May 30           Sat 15 May 30           Fri 14 Aug 29           Thu 16 Mar 31           Thu 16 Mar 31           Fri 15 Oct 30           Thu 16 Mar 31	2014 Oct Nov Dec Jan Feb N		ig Sep Oct Nov Dec Jan Feb	eb Mar Apr May Jun Jul A	Aug Sep Oct Nov De
rract Key Dates Date for Commencement of the Site Possession Dates Portion A Portion B Portion C1, C3 & C4 Portion C2 Portion D Portion G1 Portion G1 Portion G2 Portion H Portion J Portion J Portion J Portion K Portion M Section Completion of the Works Section W1A - Portions C1, C3 & C Section W1B - Portion C2 Section W1B - Portion S G1 & G2 Section W3 - Portion S G1 & G2 Section W4 - Portion J Section W5 - Portion J Section W7 - Portion M Section W8A - Landscape Softwor Section W8B - Landscape Softwor Section W8D - Landscape Softwor	ks within Portions C1, C3 & C4 ks within Portion C2 ks within Portion G1 & J	1279 days 0 days 184 days 0 days 548 days 854 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 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 G1 & G2 Section W4 - Portions H, I & 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	ks within Portions C1, C3 & C4 ks within Portion C2 ks within Portion G1 & J	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 G1 & G2 Section W4 - Portions H, I & 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	ks within Portions C1, C3 & C4 ks within Portion C2 ks within Portion G1 & J	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			<u></u>		
Section W3 - Portions G1 & G2 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	ks within Portion C2 ks within Portion G1 & J	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					
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	ks within Portion C2 ks within Portion G1 & J	701 days 854 days 639 days 609 days	Fri 13 Nov 29 Fri 13 Nov 29	Fri 15 Oct 30					
Section W5 - Portion J Section W7 - Portion M Section W8A - Landscape Softwor Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor	ks within Portion C2 ks within Portion G1 & J	854 days 639 days 609 days	Fri 13 Nov 29		Etc. and the second sec				
Section W7 - Portion M Section W8A - Landscape Softwor Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor	ks within Portion C2 ks within Portion G1 & J	639 days 609 days		Thu 16 Mar 31					
Section W8A - Landscape Softwor Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor	ks within Portion C2 ks within Portion G1 & J	609 days	Fri 13 Nov 29						
Section W8B - Landscape Softwor Section W8C - Landscape Softwor Section W8D - Landscape Softwor	ks within Portion C2 ks within Portion G1 & J			Sat 15 Aug 29					<u></u>
Section W8C - Landscape Softwor Section W8D - Landscape Softwor	ks within Portion G1 & J	27 Tudys	Fri 13 Nov 29 Fri 13 Nov 29	Thu 15 Jul 30 Fri 14 Aug 29			<u>4000000000000000000000000000000000000</u>		
Section W8D - Landscape Softwor		883 days	Fri 13 Nov 29	Fri 16 Apr 29					
*	NO WITHIN FUILION D & E	914 days	Fri 13 Nov 29	Mon 16 May 30					
Section W8E - Landscape Softwork		762 days	Fri 13 Nov 29	Wed 15 Dec 30					
Section W8F - Landscape Softwork		701 days	Fri 13 Nov 29	Fri 15 Oct 30					
Section W9A - Establishment Worl		975 days	Fri 13 Nov 29	Sat 16 Jul 30					
Section W9B - Establishment Worl Section W9C - Establishment Worl		639 days 1249 days	Fri 13 Nov 29 Fri 13 Nov 29	Sat 15 Aug 29					
Section W9D - Establishment Work		1249 days	Fri 13 Nov 29	Sun 17 Apr 30 Tue 17 May 30					
Section W9E - Establishment Work		1128 days	Fri 13 Nov 29	Fri 16 Dec 30					
Section W9F - Establishment Work	s within Portion M	1067 days	Fri 13 Nov 29	Sun 16 Oct 30					
ninary Works		120 days	Fri 13 Nov 29	Fri 14 Mar 28					
gn and approval of Hoarding & Fe		21 days	Fri 13 Nov 29	Thu 13 Dec 19 4					
struction of Hoarding & Fencing fo IP Engineer's Office & Temp Accor		21 days	Fri 13 Dec 20	Thu 14 Jan 9 41 Mon 14 Feb 17 41	12				
p Contractor's Site Office	Innonation	60 days 45 days	Fri 13 Dec 20 Sat 14 Jan 4	Mon 14 Feb 17 41 Mon 14 Feb 17 43SS+15 days					
nission and construction of Projec	Signboard	45 days	Fri 13 Dec 20	Sun 14 Feb 2 41					
l topographic survey		120 days	Fri 13 Nov 29	Fri 14 Mar 28 4					
are, submit & Approve ICE		30 days	Fri 13 Nov 29	Sat 13 Dec 28 4					
are, Submit Draft Safety Plan		14 days	Fri 13 Nov 29	Thu 13 Dec 12 4					
ew & Approve Safety Plan		35 days	Fri 13 Nov 29	Thu 14 Jan 2 4					
are, Submit Draft Environmental Man		21 days	Fri 13 Nov 29	Thu 13 Dec 19 4					
ew & Approve Environmental Man are, Submit & Approve Traffic Con		45 days	Fri 13 Nov 29 Fri 13 Nov 29	Sun 14 Jan 12 4 Sat 13 Dec 28 4					
are and Submit Smart Card System		30 days 30 days	Fri 13 Nov 29	Sat 13 Dec 28 4					
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on W1A of the works - Portion C1,	C3 & C4	548 days	Fri 13 Nov 29	Sat 15 May 30					
on C3 - Tuen Mun Cycle Track Im	provement	548 days	Fri 13 Nov 29	Sat 15 May 30					
Preparation work and submissions		90 days	Fri 13 Nov 29	Wed 14 Feb 26				•	
The design Providents	pplication	60 days	Fri 14 Oct 10	Mon 14 Dec 8 76SS,57					
TM design & submission and XP a	ad as address	128 days	Tue 14 Dec 9	Wed 15 Apr 15 58	1				
Road Works	ad marking	60 days	Wed 15 Apr 1	Sat 15 May 30 59FS-15 days					
Road Works nstallation of street furnitures / Ro		375 days	Fri 13 Nov 29	Mon 14 Dec 8 Wed 14 Eeb 26					
Road Works nstallation of street furnitures / Ro on C1 - Resting Station R14		90 days 21 days	Fri 13 Nov 29 Mon 14 Mar 3	Wed 14 Feb 26 Sun 14 Mar 23 86SS,62	Esseeth	1			
Road Works nstallation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions		7 days	Mon 14 Mar 3	Sun 14 Mar 30 63	1				
Road Works nstallation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions free Survey and submission		, days	Mon 14 Mar 24						
Road Works nstallation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions		14 days				h			
Road Works nstallation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions ree Survey and submission ite Clearance		14 days 45 days	and the second se	Sat 14 Jul 5 66		h			
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling			Thu 14 May 22						
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling rection of Type 1 Hoarding (100m Drainage works cable duct laying with draw pits	)	45 days	Sun 14 Jul 6	Sal 14 AUG 2 01					
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling rection of Type 1 Hoarding (100m Drainage works Cable duct laying with draw pits installation of irrigation pipe and irrigation pip	)	45 days 45 days 28 days 21 days		Sat 14 Jul 26 67					
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling rection of Type 1 Hoarding (100m Drainage works cable duct laying with draw pits	)	45 days 45 days 28 days	Sun 14 Jul 6	-			Sh		
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling rection of Type 1 Hoarding (100m Drainage works Cable duct laying with draw pits installation of irrigation pipe and irrigation pip	) igation point (3 nos.)	45 days 45 days 28 days 21 days 34 days	Sun 14 Jul 6 Sun 14 Jul 6 Sun 14 Aug 3	Sat 14 Jul 26 67 Fri 14 Sep 5 69,68		Rolled Lip Critical Tark	Dellad II		External Tax
Road Works Installation of street furnitures / Ro on C1 - Resting Station R14 Preparation work and submissions iree Survey and submission ite Clearance iree felling rection of Type 1 Hoarding (100m Drainage works Cable duct laying with draw pits installation of irrigation pipe and irrigation pip	)	45 days 45 days 28 days 21 days	Sun 14 Jul 6 Sun 14 Jul 6 Sun 14 Aug 3	Sat 14 Jul 26 67 Fri 14 Sep 5 69,68 Summary		Rolled Up Critical Task [ Rolled Up Milestone		Up Progress	External Tas Project Sum
nsta on f rep ree	aration work and submissions Survey and submission Clearance		tion of Type 1 Hoarding (100m) 45 days	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 nage works 45 days Thu 14 May 22	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64 nage works 45 days Thu 14 May 22 Sat 14 Jul 5 66	tion of Type 1 Hoarding (100m)       45 days       Mon 14 Apr 7       Wed 14 May 21       65,64         nage works       45 days       Thu 14 May 22       Sat 14 Jul 5       66         e duct laying with draw pits       28 days       Sun 14 Jul 6       Sat 14 Aug 2       67	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64 hage works 45 days Thu 14 May 22 Sat 14 Jul 5 66 e duct laying with draw pits 28 days Sun 14 Jul 6 Sat 14 Aug 2 67 Illation of irrigation point (3 nos.) 21 days Sun 14 Jul 6 Sat 14 Jul 26 67	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64 hage works 45 days Thu 14 May 22 Sat 14 Jul 5 66 e duct laying with draw pits 28 days Sun 14 Jul 6 Sat 14 Aug 2 67 Illation of irrigation pipe and irrigation point (3 nos.) 21 days Sun 14 Jul 6 Sat 14 Jul 26 67	tion of Type 1 Hoarding (100m) 45 days Mon 14 Apr 7 Wed 14 May 21 65,64 hage works 45 days Thu 14 May 22 Sat 14 Jul 5 66 e duct laying with draw pits 28 days Sun 14 Jul 6 Sat 14 Aug 2 67 Illation of irrigation pipe and irrigation point (3 nos.) 21 days Sun 14 Jul 6 Sat 14 Jul 26 67



Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

DO	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	Mon 14 Oct 20 70	
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	
	completion of occion with	0 00,5	50(15 may 50	54(15), 10, 50, 60,00	Y Y
-	4. Section W1B of the Works - Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
	Resting Station R2 at Pui To Road (South) Rest Garden	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
	Pocession of site	94 days	Fri 13 Nov 29	Sun 14 Mar 2	
	Site clearance	7 days	Mon 14 Mar 3	Sun 14 Mar 9 9,85	
1	Erection of Type 3 Hoarding	21 days	Mon 14 Mar 10	Sun 14 Mar 30 86	
1	Construction of DWAFT wall	58 days	Mon 14 Mar 31	Tue 14 May 27 87	
	Cable duct laying with draw pits	21 days	Wed 14 May 28	Tue 14 Jun 17 88	
	kerb laying	15 days	Wed 14 Jun 18	Wed 14 Jul 2 89	
1	Coordinate and request HyD to install Public lighting	30 days	Thu 14 Jul 3	Fri 14 Aug 1 90	
]	Installation of bicycle parking racks, shelter with bench	28 days	Thu 14 Jul 3	Wed 14 Jul 30 90	
_	Pavement	30 days	Thu 14 Jul 31	Fri 14 Aug 29 92	
	Completion of Section W1B	0 days	Fri 14 Aug 29	Fri 14 Aug 29 93,91	₹
_					
-	5. Section W2 of the Works - Portions D & E	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
1	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 Nov 8 10155+60 days	
-	Construction of RW2 (29 Bays) and cycle track / footpath	657 days	Sat 14 Jun 14	Thu 16 Mar 31 Tue 16 Mar 29	
-	Bay 1 - Bay 8 Preloading exercise	515 days	Sat 14 Nov 1 Sat 14 Nov 1	Fri 15 Mar 20 111	The construction works adjacent to e
	RC structure	140 days 60 days	Sun 15 Nov 1		
12	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 10755+30 days	
-	Road works - cycle track & footpath	60 days	Sat 16 Jan 30	Tue 16 Mar 29 108,107	
-	Bay 9 - Bay 16	290 days	Sat 14 Jun 14	Mon 15 Mar 30	
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	
-	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 119SS+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 125SS+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	LESS
	Backfilling Drainage worke & duct laving for lighting	30 days	Fri 15 Apr 10	Sat 15 May 9 132SS+15 days	
	Drainage works & duct laying for lighting	15 days	Sat 15 Apr 25	Sat 15 May 9 133SS+15 days	
-	Road works - cycle track & footpath	30 days	Sun 15 May 10	Mon 15 Jun 8 133,134	
	Bay 7 - Bay 12 Preloading eversion	220 days	Thu 15 Mar 26	Sat 15 Oct 31	
	Preloading exercise	145 days	Thu 15 Mar 26 Tue 15 Aug 18	Mon 15 Aug 17 131 Wod 15 Son 16 137 132 135	
	RC structure Backfilling	30 days	Wed 15 Sep 2	Wed 15 Sep 16 137,132,135 Thu 15 Oct 1 138SS+15 days,1	
-	Drainage works & duct laying for lighting	30 days 15 days	Thu 15 Sep 17	Thu 15 Oct 1 13855+15 days,1 Thu 15 Oct 1 13955+15 days	
		15 Udys	110 15 Sep 17	110 13 OCC 1 13333+13 0895	
YL/2013/ ate: 29 No	D1Task	Proc	gress	Summary	Rolled Up Critical Task Rolled Up Progress
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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 Seaso	on
The construction work adjacent to existing fish	pond to be undertaken during Dry
ding exercise would be shortened, so the 2nd batch	of concrete blocks may not require.
2	1
al Tasks Group By Summ	any Canada and Canada a
	ary 🖓
t Summary Deadline	V

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

Project Programme of the Works

• • • • • • • • • • • • • • • • • • •	Road works - cycle track & footpath Bay 13 - Bay 17 Preloading exercise	30 days 227 days	Fri 15 Oct 2	Sat 15 Oct 31 139,140	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
43 44 45		227 dave			
14 15	Preloading exercise	ZZ/ uays	Tue 15 Aug 18	Thu 16 Mar 31	
15		152 days	Tue 15 Aug 18	Sat 16 Jan 16 137	
	RC structure	30 days	Sun 16 Jan 17	Mon 16 Feb 15 143,138,141	
	Backfilling	30 days	Mon 16 Feb 1	Tue 16 Mar 1 144SS+15 days	
46 17	Drainage works & duct laying for lighting	15 days	Tue 16 Feb 16	Tue 16 Mar 1 145SS+15 days	
18	Road works - cycle track & footpath Portion E	30 days	Wed 16 Mar 2	Thu 16 Mar 31 145,146	
19	Tree Survey and submission	854 days	Fri 13 Nov 29	Thu 16 Mar 31	14-555553
50	Preparation works	60 days 255 days	Fri 13 Nov 29 Tue 14 Jan 28	Mon 14 Jan 27 Thu 14 Oct 9	
51	tree felling / site clearance	120 days	Tue 14 Jan 28	Tue 14 May 27 149	
2	tree transplant	240 days	Wed 14 Feb 12	Thu 14 Oct 9 1515S+15 days	
53	Construction of RW1 (36 Bays) and cycle track/footpath/treepits/drainage	734 days	Sat 14 Mar 29	Thu 16 Mar 31	
4	Bay 1 - Bay 5	150 days	Tue 15 Nov 3	Thu 16 Mar 31 160	
5	Bay 6 - Bay 10	95 days	Sat 14 Mar 29	Tue 14 Jul 1 152SS+45 days	
6	Bay 11 - Bay 15	95 days	Wed 14 Jul 2	Sat 14 Oct 4 155	
7	Bay 16 - Bay 20	95 days	Sun 14 Oct 5	Wed 15 Jan 7 156	
8	Bay 21 - Bay 25	95 days	Thu 15 Jan 8	Sun 15 Apr 12 157	
9	Bay 26 - Bay 30	95 days	Mon 15 Apr 13	Thu 15 Jul 16 158	
	Bay 31 - Bay 36	109 days	Fri 15 Jul 17	Mon 15 Nov 2 159	
2	Construction of RW5 (14 Bays) and cycle track/footpath/treepits/drainage Bay 1 - Bay 5	284 days	Mon 15 Jun 22	Thu 16 Mar 31	
3	Bay 6 - Bay 10	95 days 95 days	Mon 15 Jun 22 Fri 15 Sep 25	Thu 15 Sep 24 171 Mon 15 Dec 28 162	
4	Bay 11 - Bay 14	94 days	Tue 15 Dec 29	Thu 16 Mar 31 163	
5	Construction of RW8 (28 Bays) and cycle track/footpath/drainage	450 days	Sat 14 Mar 29	Sun 15 Jun 21	
6	Bay 1 - Bay 5	75 days	Sat 14 Mar 29	Wed 14 Jun 11 152SS+45 days	
7	Bay 6 - Bay 10	75 days	Thu 14 Jun 12	Mon 14 Aug 25 166	
	Bay 11 - Bay 15	75 days	Tue 14 Aug 26	Sat 14 Nov 8 167	
	Bay 16 - Bay 20	75 days	Sun 14 Nov 9	Thu 15 Jan 22 168	
)	Bay 21 - Bay 25	75 days	Fri 15 Jan 23	Tue 15 Apr 7 169	
	Bay 26 - Bay 28	75 days	Wed 15 Apr 8	Sun 15 Jun 21 170	
	Completion of Section W2	0 days	Thu 16 Mar 31	Thu 16 Mar 31 127,128,147,154	
The second s	Section W3 of the Works - Portions G1 & G2	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
	Tree survey and submission	21 days	Fri 13 Nov 29	Thu 13 Dec 19	
	Tree felling / site clearance	60 days	Fri 13 Dec 13	Mon 14 Feb 10 175SS+14 days	
	Hoarding erection	120 days	Fri 13 Dec 27	Fri 14 Apr 25 176SS+14 days	
	Temp foothpath diversion / Trial pits (2 nos.) Footpath diversion	28 days	Fri 13 Nov 29	Thu 13 Dec 26	
	Utility detection / utility mapping / submission	60 days	Fri 13 Dec 27 Fri 13 Nov 29	Mon 14 Feb 24 176SS+14 days,	
	Utility diversion - CLP/HKBN & removal of street lighting / irrigation pipe	45 days 180 days	Fri 13 Nov 29	Sun 14 Jan 12 Tue 14 May 27	
	w/ water points	100 days	FIT 15 NOV 29	Tue 14 May 27	
	Consent from MTRCL	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
	Tree transplant	150 days	Fri 13 Dec 20	Sun 14 May 18 175	
	Constructed & removal of existing underground drainage	90 days	Tue 14 Feb 25	Sun 14 May 25 180,179,182	
_	Construction of public toilet	363 days	Mon 14 Jan 13	Sat 15 Jan 10	
	Excavation for sub-structure	21 days	Mon 14 Jan 13	Sun 14 Feb 2 180,182	
	Disposal of excavated material to Employer's tip at LianTang	21 days	Mon 14 Jan 13	Sun 14 Feb 2 186SS	
	Construction of concrete footing	42 days	Mon 14 Feb 3	Sun 14 Mar 16 187,186	
	RC structures Internal finishes	105 days	Mon 14 Mar 17	Sun 14 Jun 29 188	
	Electrical installation	105 days	Mon 14 Jun 30	Sun 14 Oct 12 189	
-	Electrical Installation External finishes	105 days	Fri 14 Aug 29	Thu 14 Dec 11 1905S+60 days	
	Construction of Kiosks	105 days 462 days	Sun 14 Sep 28 Wed 14 May 28	Sat 15 Jan 10 190SS+90 days Tue 15 Sep 1	
	Excavation for sub-structure	402 days 42 days	Wed 14 May 28 Wed 14 May 28	Tue 15 Sep 1 Tue 14 Jul 8 181,183SS+90 d	
	Disposal of excavated material to Employer's tip at LianTang	42 days	Wed 14 May 28 Wed 14 May 28	Tue 14 Jul 8 194SS	
	Construction of concrete footing	60 days	Wed 14 May 28 Wed 14 Jul 9	Sat 14 Sep 6 195,194,184	
	RC structures	135 days	Sun 14 Sep 7	Mon 15 Jan 19 196,189	
	Internal finishes	135 days	Tue 15 Jan 20	Wed 15 Jun 3 197,190	
	Electrical installation	135 days	Sat 15 Mar 21	Sun 15 Aug 2 198SS+60 days,1	
	External finishes	135 days	Mon 15 Apr 20	Tue 15 Sep 1 198SS+90 days,1	
	Drainage works	90 days	Wed 15 Sep 2	Mon 15 Nov 30 200,198,199	
	Laying of watermains and irrigation system	60 days	Fri 15 Oct 2	Mon 15 Nov 30 201SS+30 days	
	Kerb laying / planter	90 days	Tue 15 Dec 1	Sun 16 Feb 28 202	
	Construction of paving slab	77 days	Fri 16 Jan 15	Thu 16 Mar 31 203SS+45 days	
	Construction of cycle track and footpath	90 days	Tue 15 Dec 1	Sun 16 Feb 28 202	r i i i i i i i i i i i i i i i i i i i
	TTM submission for relocation of Bus Stop	90 days		Mon 15 Nov 30 207SS-90 days	
	Relocation of Bus Stop and construction of layby for cyclists pickup/drop off	90 days	Tue 15 Dec 1	Sun 16 Feb 28 205SS	
t: YL/2013/01 Date: 29 Nov 2013		Progr	ress	Summary	Rolled Up Critical Task Rolled Up Progress
ssion: 09 Dec 2013	Critical Task	Miles	stone 🔶	Rolled Up Task	Rolled Up Milestone 🛇 Split Projec

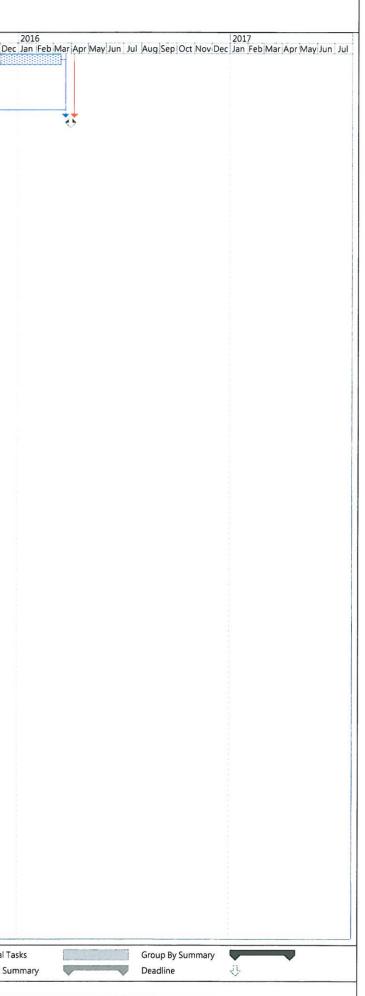
# 2016 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Tasks Group By Summary -Summary Deadline S

#### 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	CHA - E2+265 ~ E2+370 Wan Tat Road Task	Progr	ess	Summary	Rolled Up Critical Task Rolled Up Progress
0	CHA - E2+205 ~ E2+370 Wan Tal 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	
65	Improvement of Cycle Tracks, Footpaths & associated Road	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
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	Mon 15 Apr 6 258	Excession,
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	
5	$E0+000 \sim E0+100$	68 days	Fri 14 May 2	Tue 14 Jul 8 1555+1 day	
4	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	
1	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	
	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	
!	A9+000 ~ A9+100	68 days	Sun 15 Feb 1	Thu 15 Apr 9 241	
1	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	Exercise and the second s
	A8+700 ~ A8+800	68 days	Sat 14 Jul 12	Wed 14 Sep 17 238	
	CHA - A8+585 ~ A10+169 A8+585 ~ A8+700	547 days 71 days	Fri 14 May 2 Fri 14 May 2	Fri 15 Oct 30 Fri 14 Jul 11 15SS+1 day	
5	Preparation work, TTM and submissions CHA - A8+585 ~ A10+169	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	
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	Essential Essential
21 22	A7+300 ~ A7+400	78 days	Sat 14 Jul 19	Sat 14 Oct 4 220	
0	A7+200 ~ A7+300	78 days	Fri 14 May 2	Fri 14 Jul 18 14SS+1 day	
9	CHA - A7+200 ~ A8+560	547 days	Fri 14 May 2	Fri 15 Oct 30	
8	Preparation work, TTM and submissions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
/	Improvement of Cycle Tracks, Footpaths & associated Road Works at Lam Tei	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
.6	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	
.3	Completion of Section W3	0 days	Thu 16 Mar 31	Thu 16 Mar 31 212,204,207,208,	
12	Backfilling and construction of cycle track and footpath	150 days	Wed 15 May 20	Fri 15 Oct 16 211	
1	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	
B 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	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oc



Sang Hing - Kuly Joint Venture

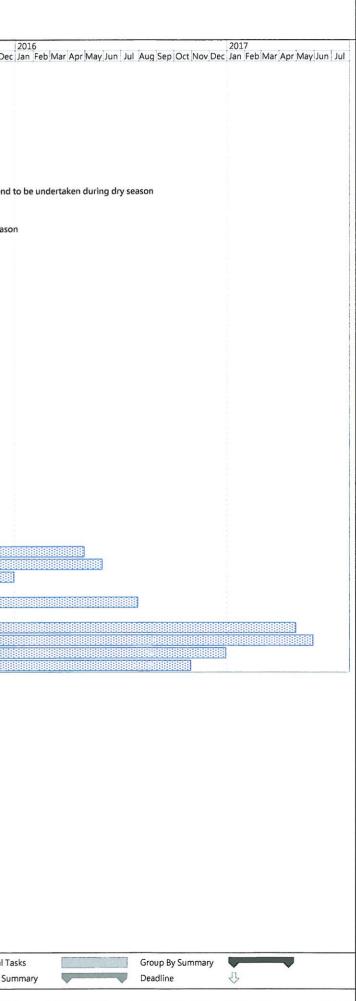
	from Tuen Mun to Sheugn Shui - Stage 1				
	ramme of the Works				
0	Task Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep 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 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De
76	CHA - m0+00 ~ m0+200 YOHO Town Phase 3 Development	125 days	Mon 14 Oct 13	Sat 15 Feb 14 282	
77	CHA - E5+840 ~ E5+915 Pok Io	50 days	Sup 15 Ech 15	Sun 15 Apr 5 276	
278	Stream Decking STR1	240 days	Sun 15 Feb 15 Thu 14 May 1	Fri 14 Dec 26	
279	Submission and consent from MTRCL	30 days	Thu 14 May 1	Fri 14 May 30 17SS	
280	ELS / Excavation	60 days	Sat 14 May 31	Tue 14 Jul 29 279	
281	Base slab	30 days	Wed 14 Jul 30	Thu 14 Aug 28 280	
282	Wall and top Slab	45 days	Fri 14 Aug 29	Sun 14 Oct 12 281	
283	Railing	45 days	Mon 14 Oct 13	Wed 14 Nov 26 282	
84	Road works / Pavement	30 days	Thu 14 Nov 27	Fri 14 Dec 26 283	
285	Resting Station R4	208 days	Mon 15 Apr 6	Fri 15 Oct 30	
86	Tree survey and submission	14 days	Mon 15 Apr 6	Sun 15 Apr 19 277	
87	Site clearance	7 days	Mon 15 Apr 20	Sun 15 Apr 26 286	
88	Erection of temporary chain-link fence	14 days	Mon 15 Apr 27	Sun 15 May 10 287	
89	Tree felling	7 days	Mon 15 May 11	Sun 15 May 17 288	
90	Drainage works	21 days	Mon 15 May 18	Sun 15 Jun 7 289	
291	Cable duct laying with draw pits	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
292	Installation of irrigation pipe and irrigation point (3 nos.)	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
293	Kerb laying	30 days	Fri 15 Jul 3	Sat 15 Aug 1 291,292	
294	Coordinate and request HyD to install Public lighting (4 nos)	60 days	Fri 15 Jul 3	Mon 15 Aug 31 293SS	
295 296	Installation of bicycle parking racks, shelter with bench	45 days	Sun 15 Aug 2	Tue 15 Sep 15 293	
296	Pavement Completion of Section W/4	45 days	Wed 15 Sep 16	Fri 15 Oct 30 295	
297	Completion of Section W4	0 days	Fri 15 Oct 30	Fri 15 Oct 30 226,233,245,253	3n (
99	8. Section W5 of the Works - Portion J	PEA days	Eri 13 Mar 20	Thu 16 Mar 21	
00	Tree survey and submission	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
01	Tree felling / site clearance	14 days	Fri 13 Nov 29	Thu 13 Dec 12	
02	Hoarding erection	14 days 90 days	Fri 13 Dec 6 Fri 13 Dec 20	Thu 13 Dec 19 300SS+7 days Wed 14 Mar 19 301	
03	Trial pits (4 nos.)	48 days	Fri 13 Nov 29	Wed 14 Jan 15	
04	Utility detection / detection of existing DN1000 rising main sewer / utility	30 days	Fri 13 Nov 29	Sat 13 Dec 28	
	mapping / submission	50 0ays	111151100/25	38(15 Dec 26	
05	Utility diversion - gas main & PCCW cable by others	90 days	Sun 13 Dec 29	Fri 14 Mar 28 304	
06	Tree transplant	90 days	Fri 13 Dec 13	Wed 14 Mar 12 300	
07	Construction of food kiosk and metter room	426 days	Mon 14 Feb 3	Sat 15 Apr 4	
08	Excavation for sub-structure	21 days	Mon 14 Feb 3	Sun 14 Feb 23 302SS+45 days,	31
09	Disposal of excavated material to Employer's tip at LianTang and DSD	21 days	Mon 14 Feb 3	Sun 14 Feb 23 308SS	
10	Contract DC/2010/02				
	Construction of concrete footing RC structures	45 days	Mon 14 Feb 24	Wed 14 Apr 9 309,308	
11 12	Internal finishes	150 days	Thu 14 Apr 10	Sat 14 Sep 6 310	
13	Electrical installation	120 days	Sun 14 Sep 7	Sun 15 Jan 4 311 Thu 15 Mar 5 312SS+60 days	
14	External finishes	120 days 120 days	Thu 14 Nov 6 Sat 14 Dec 6	Sat 15 Apr 4 312SS+90 days	
15	Construction of first aid and cycle rental kiosks	426 days	Sat 14 Dec 8	Thu 15 May 28	
16	Excavation for sub-structure	21 days	Sat 14 Mar 29	Fri 14 Apr 18 302SS+60 days,	2/
17	Disposla of excavated material to Employer's tip at LianTang and DSD	21 days	Sat 14 Mar 29	Fri 14 Apr 18 316SS	
	Contract DC/2010/02	210095	50(14)(0) 25	1114 Apr 10 51055	
18	Construction of concrete footing	45 days	Sat 14 Apr 19	Mon 14 Jun 2 317,316,310	
19	RC structures	150 days	Tue 14 Jun 3	Thu 14 Oct 30 318	
20	Internal finishes	120 days	Fri 14 Oct 31	Fri 15 Feb 27 319	
21	Electrical installation	120 days	Tue 14 Dec 30	Tue 15 Apr 28 320SS+60 days	
22	External finishes	120 days	Thu 15 Jan 29	Thu 15 May 28 320SS+90 days	
23	Construction of public toilet	426 days	Mon 14 Apr 28	Sat 15 Jun 27	
24	Excavation for sub-structure	21 days	Mon 14 Apr 28	Sun 14 May 18 316SS+30 days	
25	Disposal of excavated material to Employer's tip at LianTang and DSD	21 days	Mon 14 Apr 28	Sun 14 May 18 32455	
26	Contract DC/2010/02 Construction of concrete footing	A5 days	Mon 14 May 10	Wed 14 1.1 2 225 224 210	
27	RC structures	45 days 150 days	Mon 14 May 19 Thu 14 Jul 3	Wed 14 Jul 2 325,324,310 Sat 14 Nov 29 326	
28	Internal finishes	120 days	Sun 14 Nov 30	Sun 15 Mar 29 327	
29	Electrical installation	120 days	Thu 15 Jan 29	Thu 15 May 28 328SS+60 days	
0	External finishes	120 days	Sat 15 Feb 28	Sat 15 Jun 27 328SS+90 days	
31	Drainage works	90 days	Sun 15 Jun 28	Fri 15 Sep 25 314,322,330,312	
32	Laying of watermains and irrigation system	60 days	Tue 15 Jul 28	Fri 15 Sep 25 331SS+30 days	
13	Kerb laying / planter	120 days	Sat 15 Sep 26	Sat 16 Jan 23 332,331	
34	Construction of paving slab	128 days	Wed 15 Nov 25	Thu 16 Mar 31 333SS+60 days	
5	Completion of Section W5	0 days	Thu 16 Mar 31	Thu 16 Mar 31 334	
36					
37	9. Section W7 of the Works - Portion M	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
38	Cycle Tracks, Footpaths & associated Road Works at Kam Tin River	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
39	CH - MP0+000 ~ MP1+100	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
10	Tree survey and submission	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
41	Tree Transplant	150 days	Mon 14 Jan 13	Wed 14 Jun 11 340	
12	Construction of cycle track / footpath	504 days	Sun 14 Apr 13	Sat 15 Aug 29	
ect: YL/2013/01 a Date: 29 Nov 201	Task	Progr	255	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
		- 9.	2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 -		

#### 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
3	MP0+000 ~ MP0+080 proposed fill slope	120 days	Wed 14 Oct 29	Wed 15 Feb 25	368	
1	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	
5	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	
	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	
1	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 p
1	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	
	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 S
	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	
1	Temporary flow diversion for north half portion	14 days	Fri 15 Jan 16	Thu 15 Jan 29	358	
	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	
1	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	
1	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		
-	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
					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
Others	0	0	1
Total	0	0	1

# APPENDIX 5 WEEKLY ENVIRONMENTAL WALK RECORDS

DP Section EMA Report No 17 - Sep 2015 16-Oct-15

# 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

10	0			
r	a	ιι	. R.	

Part I:	Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1	
Date of Inspection September 2015	Time $10:30 - 12:30$	
Persons making the inspection:		

#### Name in Block Letters

1.	W-K. Tang
2.	nichnel Wan
3.	Work TAK WAN
4.	Josephile lam
5.	
6.	
7.	
8.	

### Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative

Signature

Itom		The second strength and the se	Agreed Due Date	Date	Remarks
Item No.	Location	Situation Requiring Follow-up Action	for Completion	Completed	
1.	Kam Tin River	Exposed Stockpile & dusty materials year the river neve	9 September 2015	9. Sep. 2015	
2.		not covered	Q Contraction ) it	16 SPD. 2015	
3.	Kam Tin River	Stagnant water was noted	9 September 2015 9 September 2015	23, 500.2015	
4.	Kam Tin River	Existing thee is not well maintained and protected		9. Sep. 2015	
6	Kam Tin River	Materials & stockpile were stocked next to trees Existing pamboo grave is not well protected	9 September 2015		
6.	Sheung Yne River	Dristing pampob groves not not reter was	•		
8.					

To be signed at the end of inspection:

Environmental Team's Representative

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

· no

Contractor's Agent or his Representative ______ W___ Landscape Architect ______

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

Officer/Assigned Person

The Environmental Team's Representative _____

Date _____

Date _____

### Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk (No. 72) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Environmental Inspection Checklist

Date of Inspectio	n: September 2015	Time 10:30-12: 30
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: ⁰ C
Wind:	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	Kam Tin River, Sheung Yne River, Shek	Sheung River

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
W.K. Tana	Contractor's Agent	<u>Sang Hing – Kuly Joint Venture</u>
Michael Wan	Environmental Officer	<u>Sang Hing – Kuly Joint Venture</u>
TW Wong	The Engineer's Nominated Site Representative	AECOM Consulting Services Ltd.
Josephine Lam	Environmental Team's Representative	AECOM Consulting Services Ltd.
	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.
	Landscape Architect	Terra Studio Ltd.

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

2. AIR POLLUTION

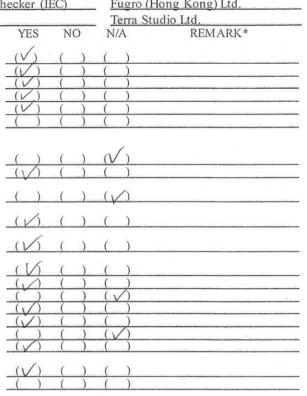
- a. Site Perimeter Hoardings provided as required
- b. Haul Road paved or kept wet
- c. Water spraying during loading and unloading of dusty material
- d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required
- e. Dust suppression measures taken and/or dust Screen erected for dusty site activities
- f. Wheel washing bays provided at site vehicle exits and maintained in good working order
- g. Vehicle wheels washed before leaving site
- h. Dump trucks fitted with mechanical tarpaulin cover
- i. Dusty loads on vehicles covered by tarpaulin
- j. Vehicle speed control (8KM/hr) on site
- k. Black smoke emission control from site plant
- 1. No opening burning of debris on site

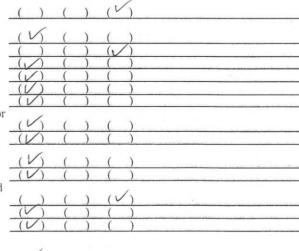
m Use of Ultra Low Surphur Diesel (ULSD) for constructional plant and equipment

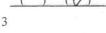
n. Other: Please specify

#### WATER POLLUTION

- a. Tightly sealed closed grab excavator used for river channel excavation works
- b. River excavation works sections by sections as required
- c. Splashing of sediment avoided during transfer
- d. Floating debris in river cleared
- e. Leakage from plant & vessel avoided
- f. Wheel washing bay desilted regularly
- g. Temporary drainage diversion provided as required
- h. Site runoff/wastewater discharge through silt traps or sedimentation tanks
- Silt traps, sedimentation tank & drainages cleared
   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 as necessary
- m. Chemical toilets provided as necessary
- n. Heavy Rainstorm Response Procedure displayed
- Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October
- p. Other: Please specify







<u>versed stockpile and durty</u>
 materials in storage near the river
 were not wetted or covered
 Stagnant water was noted

Page 1 of 3

YES NO N/A

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

### 5. WASTE MANAGEMENT

j.

4

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

6 OTHERS

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

OTHER COMMENTS

7.

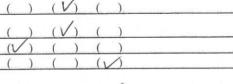
a. b.

Signed By

Name & Title: Environmental Team's Representative

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

Signed By

Twildorp & 1021 )

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>72</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>



Item no. 6(b)         Description: Materials & stockpile were stocked next to trees         Location: Kam Tin River	Rectified Date: 9 September 2015         Follow up Action Taken: The materials and stockpile were removed from trees
	Portified Data: N/A
Item no. 6(a) Description: Existing bamboo grove is not well protected	Rectified Date: N/A Follow up Action Taken: None – Follow-up action is
	required
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. 🔁 (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. <u>YL/2013/01</u>	Contract Title Cycle Track from Tuen Mun to Sheung Shui - Sta	ge 1	
Date of Inspection <u>9 September 2015</u>	Time 1030-1230	11	
Persons making the inspection:		31	
Name in Block Letters         1.       W.K.TANG         2.       MICHEAL WAN         3.       T.W.WONG         4.       DORATHY CHOI         5.       BONG YU         6.       AIOYSIUS WONG         7.       8.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative IEC Landscape Architect		Signature THE THE State The State The State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States States

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks	
1.	Kam Tin River	The chemical containers are not labeled and	1 16. SPD. 2015	16. SP. 2015		
2.		stored properly.				
3.	Kam Tin River	Materials & stockpile inere stocked nett	16. Sep. 2015	29. (00.2015		
4.		totiles	i v = v = f			
5.	Kam Tin River	Empty chemical containers and	16. (10. 2015	16.500.2015	Issue found on 26 Augus	st 2015
6.		materials rending signosed at U-shaped			mile jeccent ore-orie	01.2013
7.		channel	alation with any solution the			
8.	Kam The River	Stagnant water was noted	16. Sep. 2015	16. Sep. 2015		

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 _	Zewfa	
Landscape Architect		

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

Officer/Assigned Person

The Environmental Team's Representative

Date _____

### **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. 73) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Date of Inspection:	9. September. 2015 !!	Time $1030 - 1230$
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: <u>29</u> °C
Wind: -	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	Kam TTh Fiver, Shenng Ywe Fiver, shek s	illeung river

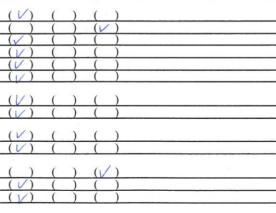
#### Pers

Person(s) makin	g the inspection:		
Name in Block			<u>Organisation</u>
W.K. TANG	7 Contractor's Agent		Sang Hing - Kuly Joint Venture
MICHEAL	WAN Environmental Officer		Sang Hing - Kuly Joint Venture
T.W. WON	The Engineer's Nominated S	Site Representative	AECOM Consulting Services Ltd.
DORATHY	CHOI Environmental Team's Representation	•	AECOM Consulting Services Ltd.
RONGY	<u>U</u> <u>Independent Environmental</u>		Fugro (Hong Kong) Ltd.
- Review	1	Checker (IEC)	
Aloysius	Wong Landscape Architect	YES NO	Terra Studio Ltd. N/A REMARK*
1 GENERAL		YES NO	N/A KEMAKK*
a. Enviro	nmental Permit (EP) copy at place of work	$(\checkmark)$ ()	( )
	nmental posters/notices at place of work	$(\mathbf{V})$ $(\mathbf{V})$	
	pt clean and tidy	$\overline{\left( \right) \left( \right)}$	
d. Engine	shut off when not in use	$(\mathbf{v})$ $($	( )
e. Proper	maintenance of site plant and equipment	$(\mathbf{V})$ $($	( )
f Other:	Please specify		( )
2. AIR POLLU			( h
	rimeter Hoardings provided as required		
	oad paved or kept wet spraying during loading and unloading of		( )
	naterial	( ) ( )	$(\mathcal{V})$
-	d stockpile & dusty materials in storage		
	or covered by tarpaulin as required	$(\vee)$ ()	( )
	appression measures taken and/or dust Screen	n	
	for dusty site activities	( 🗸 ) ( )	( )
f. Wheel	washing bays provided at site vehicle exits		
	intained in good working order	<u>(v)</u> ()	( )
	wheels washed before leaving site	$(\mathbf{v})$ ()	( )
h. Dump	trucks fitted with mechanical tarpaulin cover		
	loads on vehicles covered by tarpaulin		
	speed control (8KM/hr) on site		
	smoke emission control from site plant		
	ening burning of debris on site		( )
	Ultra Low Surphur Diesel (ULSD) for	$(\mathbf{N})$	( )
constru	actional plant and equipment	(⊻) ()	

Other: Please specify n.

#### 3 WATER POLLUTION

- Tightly sealed closed grab excavator used for river a. 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
- Leakage from plant & vessel avoided e.
- f. Wheel washing bay desilted regularly
- Temporary drainage diversion provided as required g.
- ĥ. 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
- 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.



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noted

Page 1 of 3

		YES	NC	)	N/A	REM ARK*
	ISE POLLUTION Temporary poise barriers installed at works area as					
a.	Temporary noise barriers installed at works area as needed	$(\sqrt{)}$	(	) (	)	
b.	Noisy plant and equipment sited away from noisy					
	sensitive receiver as possible	( )	(	) (	V)	
c.	Air Compressors and portable percussive breakers	( )	(			
d.	with Noise Emission Labels Pneumatic percussive breakers fitted with sound		(	) (	V	
a.	mufflers	()	(	) (	$\left  \right\rangle$	
e.	Engine flap covers kept closed of construction plant	<u> </u>		/	VI	
	during operations	× ( )	(	) (	V)	
f.	Excavator breaker tip wrapped with sound insulating					
	material for breaking work	_(_)_	(	) (	()	
g.	Noise baffles/screens to noisy machines/site activities as necessary	S (1/)	7	) (	)	
h.	Valid Construction Noise Permits (CNP) for works in		_(			
	restricted hours	()	(	) (	V	
i.	Full compliance with CNP conditions	()	(	) (	V	
j.	Other: Please specify	( )	(	) (	)	
XX7A	STE MANAGEMENT					
a,	<u>STEMANAGEMENT</u> Designated area for sorting and temporary storage of	6				
	C & D materials on site	(1)	(	) (	)	
b.	Proper sorting of inert and non-inert materials	$(\checkmark)$	(	) (	)	
c.	Recycle bins for recycling of different materials	$(\mathbf{V})$	(	) (	)	
d.	Rubbish bins for general rubbish Measures taken to avoid cross contamination of	(/)	(	) (	)	
e.	different wastes	(12)	(	) (	)	
f.	Disposed of regularly to avoid excessive		1	, (		
_,	accumulation	(V)	(	) (	)	
g.	Trip tickets and EPD chits duly completed and used					
1	in Ĉ & D waste disposal	(V)	(	) (	)	
h.	Registration as Chemical Waste Producer as required Chemical wastes properly labeled and packaged	$(\vee)$		$\frac{1}{2}$		
1. j.	Chemical wastes pending collection stored properly			) (	V	
J.	to avoid leakage	()	(v	) (	)	Empty chemical containers
k.	Used trip tickets kept for chemical waste disposal	()	(	) (	V)	Rending Joposed a
1	Proper handling of contaminated soil samples in land					U-shaped channel.
962	contamination investigation work	_()_	(	) (	<b>V</b> )	
m.	Proper storage of contaminated soil samples in land contamination investigation work	()	(	) (	1/)	
n.	Emergency spillage procedure posted and correctly			/ (	V	
424560	imp lemented	$(\vee)$	(	) (	)	
0.	Other: Please specify	$(\mathbf{v})$	(	) (	)	<u>Chemical containers were not</u>
OT	LIEDC					labelled and stored properly
<u>01</u>	HERS Existing trees and vegetation maintained and					10 I. I. I. I.
ц.	protected as required	(V)	(	) (	)	
b.	Materials & Plant kept way from existing trees and			<u> </u>		ALLENT THE REAL PROPERTY OF
	vegetation	( )	(1	) (	)	Materials and stockpilewere stocked net to trees
C.	Topsoil conserved and re-use in landscape works	(1)	(			lotrees
d.	Night-time lighting controlled to minimize glare	( )	(	) (	V)	
e.	In situ compensation planting should occur at the					
	Information Kiosk and R9	( )	(	) (	V)	
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.	()	(	)(	V)	
g.	Others: Please specify	( )	(	) (	)	
						*To record the details of
0.7	UED COMMENTS					compliance for the checked
	HER COMMENTS					items if applicable
~		<u> </u>	D			
S	ligned By	Signed	By			
1				-	N-Dense	$\sim$

Name & Title: DOrathy Choj Environmental Team's Representative

now) 1

Name & Title: T.W. Wong 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>73</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>





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

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

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

#### Weekly Environmental Walk Inspection Report Part I: Contract No. YL/2013/01 Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Date of Inspection 16 Sep 2015 Time 10:30 am - 12:30 pm Persons making the inspection: Fri Name in Block Letters Designation Signature Michael Wan Contractor's Agent (or his Representative) 1. 2. michael I am Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative 3 TheWork Togethine Lam Environmental Team's Representative 4. 5. 6. 7. 8.

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Existing tree is not well maintained and	23 September 2015	23. Sep. 2015	Issue faind on 1 sep 2015
3.	Shewing Yue River	Protected Existing bamboo anale is not well protected	23 September 2015		Issue found on 1 Sep 2015
4.	Kam tin River	Materials are stocked next to trees	23 September 2015	23. Sep. 2015	
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 Environmental Team's Representative

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$\leq$		
7	and a state	
A		

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

The Environmental Team's Representative

Date _____

Date _____

### **Civil Engineering and Development Department** Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No.74) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection: Weather:	16 September 2015 Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Time $\frac{10:30-12:30}{\text{Temperature: } 30^{\circ}\text{C}}$
	Calm/Light/Breeze/Strong Kam lin River, Sheung Yue River, Shek	Humidity: High/Moderate/Low

Person(s) making the inspection.

reroon(o) manning the more	Jeetion.	
Name in Block Letters	Designation	<u>Organisation</u>
Michael Wan	Contractor's Agent	Sang Hing - Kuly Joint Venture
Michael Wan	Environmental Officer	Sang Hing - Kuly Joint Venture
The Wong	The Engineer's Nominated Site Representative	AECOM Consulting Services Ltd.
Josephine Lam	Environmental Team's Representative	AECOM Consulting Services Ltd.
1	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.
	Landscape Architect	Terra Studio Ltd.

#### 1 GENERAL

- Environmental Permit (EP) copy at place of work a.
- Environmental posters/notices at place of work b.
- 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

#### 2. **AIR POLLUTION**

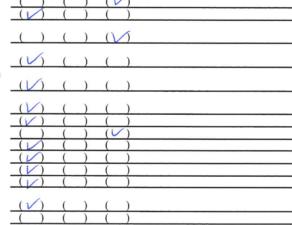
- Site Perimeter Hoardings provided as required a.
- Haul Road paved or kept wet b.
- Water spraying during loading and unloading of C. dusty material
- d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required
- Dust suppression measures taken and/or dust Screen e.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

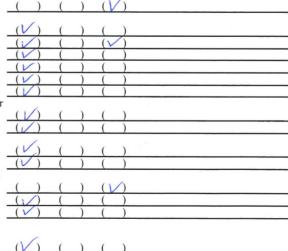
#### WATER POLLUTION 3

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. 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
- Silt traps, sedimentation tank & drainages cleared i. 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
- 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.

YES	N	0	Ν	/A	REM ARK*
(V)	(	)	(	)	
( <b>1</b> )	(	)	(	)	
$(\mathbf{i})$	(	)	(	)	
$(\checkmark)$	(	)	(	)	
$(\mathbf{V})$	(	)	(	)	
( )	(	)	(	)	





			YES	NO	N	J/A	REM ARK*
4.	NOIS	E POLLUTION					
	a.	Temporary noise barriers installed at works area as needed	$(\mathbf{V})$	(	) (	)	
	b.	Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	(			
	c.	Air Compressors and portable percussive breakers with Noise Emission Labels	()	(	) ()		
	d.	Pneumatic percussive breakers fitted with sound		(			
	e.	mufflers Engine flap covers kept closed of construction plant			) ()		
	f.	during operations Excavator breaker tip wrapped with sound insulating	<u>()</u>	(	) (9		
	g.	material for breaking work Noise baffles/screens to noisy machines/site activities	<u>()</u>	(	) (		
	h.	as necessary Valid Construction Noise Permits (CNP) for works in	_(\)	(	) (	)	
	i.	restricted hours Full compliance with CNP conditions	$\left( \right)$		) (	R	
	j.	Other: Please specify		(	) (	)	
5.	WAS	TE MANAGEMENT					
•••	a.	Designated area for sorting and temporary storage of					
		C & D materials on site		(	) (	)	
	b.	Proper sorting of inert and non-inert materials Recycle bins for recycling of different materials					
	c. d.	Rubbish bins for general rubbish					
	e.	Measures taken to avoid cross contamination of				)	
	0.	different wastes	$(\mathbf{V})$	(	) (	)	
	f.	Disposed of regularly to avoid excessive accumulation		(	) (	)	
	g.	Trip tickets and EPD chits duly completed and used			/		
		in C & D waste disposal	(V)	(	) (	)	
	h.	Registration as Chemical Waste Producer as required	$(\checkmark)$	(	) (		
	1. j.	Chemical wastes properly labeled and packaged Chemical wastes pending collection stored properly		(	) (		
		to avoid leakage	( )	(	) (	V)	
	k.	Used trip tickets kept for chemical waste disposal	( )	(	) (	i/)	
	1	Proper handling of contaminated soil samples in land contamination investigation work	( )	(	) (	$\langle \rangle$	
	m.	Proper storage of contaminated soil samples in land contamination investigation work	( )	(	) (1	$\checkmark$	
	n.	Emergency spillage procedure posted and correctly implemented		(			
	0.	Other: Please specify	(	(	) (	)	
6	ОТН	FRS					
0	a.	Existing trees and vegetation maintained and		/			
	b.	Materials & Plant kept way from existing trees and	( )	(V	) (	)	
		vegetation	()	$(\mathbf{V}$	) (	)	
	c.	Top soil conserved and re-use in landscape works	$(\mathbf{V})$	(	) (	)	
	d.	Night-time lighting controlled to minimize glare	( )	(	) (	V)	
	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.		(	) (	V.	
	σ	Others: Please specify			$\frac{1}{2}$		
	g.	Others. Flease specify		(	) (	)	*To record the details of
7.	OTH	ER COM M ENTS					*To record the details of compliance for the checked items if applicable

Signed By

7.

a. b. c.

Name & Title: Environmental Team's Representative

Signed By

C.L Tr

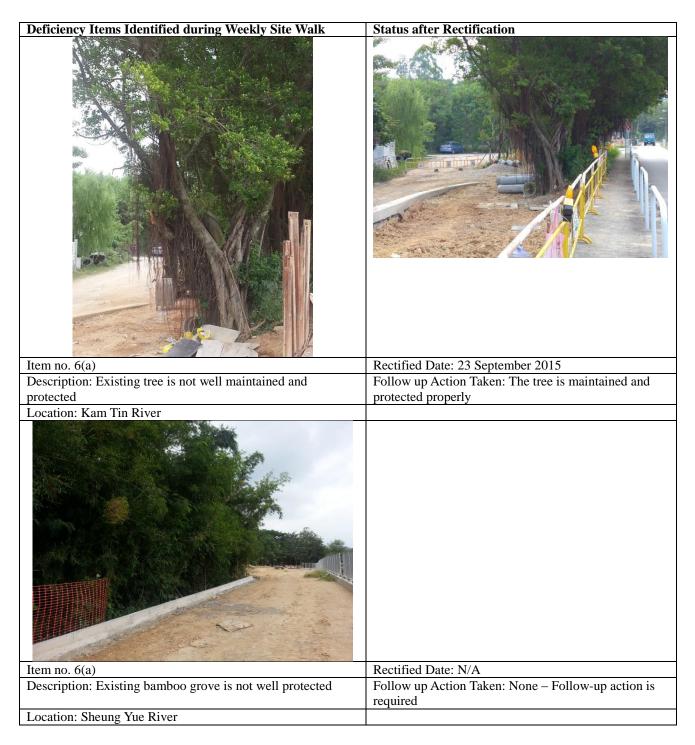
Name & Title: Engineer's Nominated Site Representative

To Yrow)

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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>74</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>



Item no. 6(b)Rectified Date: The materials were removed from treesDescription: Materials were stocked next to treesFollow up Action Taken: 23 Sep 2015Location: Kam Tin RiverImage: Content of the stock of the stoc		
	Description: Materials were stocked next to trees	Follow up Action Taken: 23 Sep 2015

#### 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>15</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

# Weekly Environmental Walk Inspection Report

rait I.		
Contract No. YL/2013/01	Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1	
Date of Inspection 23 Sep 2015	Time $1030 - 1200$	
Persons making the inspection:	ant and	
Name in Block Letters1. $\mathcal{N} \cdot \mathcal{K} \cdot \mathcal{T} A \vee G$ 2. $\mathcal{M} \cdot \mathcal{L} + A \in \mathcal{L}$ 3. $\mathcal{L} \vee A \vee \mathcal{T} A \vee G$ 4. $\mathcal{D} \cap \mathcal{R} \wedge \mathcal{T} + \mathcal{V}$ $\mathcal{L} \cap \mathcal{L}$	<u>Designation</u> Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature TW
5. <u>ALOYSTINS WONG</u> 6 7 8	LANDSCAPE ARCHITECT	- Al

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Materials were stocked next to trees	29. Sep. 2015	29.500.2015	issnetound on 9. sep. 2015
2.	2		1		10 0 0
3.					
4.					
5.					
6.			22		
7.					
8.					

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

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

The Engineer's Nominated Site Representative	Contractor's Agent or his Representative 7 w 7 h
<b>Part II :</b> (To be countersigned after ALL actions are completed) Contractor's *Environmental	
Officer/Assigned Person	The Environmental Team's Representative
Date	Date 29. Sep. 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.75) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection:	23. Sep. 2015	Time $1030 - 1200$
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: <u>3</u> C
Wind:	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	Kain Tin River, Sheung Yue River, Shek Shei	ing fiver

Person(s) making the inspection:

Name in Block Letters	Designation		Organisation	
W.K. TANG	Contractor's Agent		Sang Hing - Kuly Joint Ver	nture
MICHAEL WAN	Environmental Officer		Sang Hing - Kuly Joint Ver	nture
IVAN TANG	The Engineer's Nominated Site Rep	AECOM Consulting Service	ces Ltd.	
DORATHY CHOI	Environmental Team's Representati	/e	AECOM Consulting Service	ces Ltd.
1	Independent Environmental Checke	(IEC)	Fugro (Hong Kong) Ltd.	
	Landscape Architect		Terra Studio Ltd.	
	YE	S NO	N/A REMARK*	

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.
- Engine shut off when not in use d.
- Proper maintenance of site plant and equipment
- e. f Other: Please specify

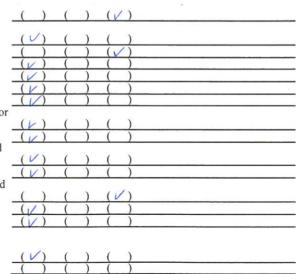
#### 2 **AIR POLLUTION**

- Site Perimeter Hoardings provided as required a.
- Haul Road paved or kept wet b.
- Water spraying during loading and unloading of c. dusty material
- 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
- 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 j.
- Black smoke emission control from site plant k.
- 1. No opening burning of debris on site
- Use of Ultra Low Surphur Diesel (ULSD) for m constructional plant and equipment Other: Please specify n.

#### WATER POLLUTION 3

- a. Tightly sealed closed grab excavator used for river channel excavation works
- River excavation works sections by sections as b. required
- Splashing of sediment avoided during transfer C. d. Floating debris in river cleared
- 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
- k. Water Discharge License applied as necessary
- 1. Self-monitoring on site runoff/wastewater conducted 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.

1LS	NO	19/75	KEMAKK
(V) $(V)$ $(V)$ $(V)$ $(V)$ $(V)$		( )	
	( ) ( )	( ✓ ) ( ✓ )	
	()	( )	
(v)	()	( )	



Page 1 of 3

			YES	NO	N/A	KEM AKK*	
4.		<u>SE POLLUTION</u> Temporary noise barriers installed at works area as					
	a.	needed	$(\vee)$	()	()		
	b.	Noisy plant and equipment sited away from noisy	<u> </u>				
	c.	sensitive receiver as possible Air Compressors and portable percussive breakers	( )	( )	(V)		
	с.	with Noise Emission Labels	( )	()	(1)		
	d.	Pneumatic percussive breakers fitted with sound mufflers	( )	( )	(1)		
	e.	Engine flap covers kept closed of construction plant		()	(V)		
		during operations	⁽¹⁾ ( )	( )	(V)		
	f.	Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	$(\mathbf{V})$		
	g.	Noise baffles/screens to noisy machines/site activities	3				
	h.	as necessary Valid Construction Noise Permits (CNP) for works in	(1)	(	( )		
	п.	restricted hours	)	( )	(V)		
	i.	Full compliance with CNP conditions	()	()	$(\mathbf{V})$		
	j.	Other: Please specify					
5.		TE MANAGEMENT					
	a.	Designated area for sorting and temporary storage of C & D materials on site	(V)	()	()		
	b.	Proper sorting of inert and non-inert materials	$(\mathbf{V})$	$\left( \right)$	()		
	c.	Recycle bins for recycling of different materials	$(\mathbf{V})$	()	()		
	d. e.	Rubbish bins for general rubbish Measures taken to avoid cross contamination of		()	( )		
		different wastes	(V)	( )	( )		
	f.	Disposed of regularly to avoid excessive accumulation	(V)	()	()		
	g.	Trip tickets and EPD chits duly completed and used					
	h.	in Č & D waste disposal Registration as Chemical Waste Producer as required	$(\vee)$	()	()		
	i.	Chemical wastes properly labeled and packaged		$\left( \right)$	$(\mathbf{V})$		
	j.	Chemical wastes pending collection stored properly	X				
	k.	to avoid leakage Used trip tickets kept for chemical waste disposal	$\left( \right)$	+			
	1	Proper handling of contaminated soil samples in land			/		
	m.	contamination investigation work Proper storage of contaminated soil samples in land	_()	( )	( 🗸 )		
		contamination investigation work	()	()	(V)		
	n.	Emergency spillage procedure posted and correctly implemented	(12)	()	()		
	0.	Other: Please specify		()	()		
4	OTU	EDS					
6	<u>OTH</u> a.	Existing trees and vegetation maintained and					
	1-	protected as required Materials & Plant kept way from existing trees and	( 1)	()	()		
	b.	vegetation	()	$(\mathbf{V})$	( )	Materials were stocked next to tre	es.
	c.	Topsoil conserved and re-use in landscape works	(V)	()	( )		
	d.	Night-time lighting controlled to minimize glare	( )	( )	(V)		
	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.	( )	( )	(V)		
	g.	Others: Please specify	( )	( )	( )		
7.						*To record the details of compliance for the checked	
		ER COM MENTS				items if applicable	
a. b.							
c.					1		
	Sig	gned By	Signed	By			
1	X						
-					-	~	
		¥.	2	Jam	6	1	
$\subset$	NI	me & Title: Dorathy Choi	Nor	Title	12/201	n Tang	
		vironmental Team's Representative	Enginee	r's Non	inated	Site Representative	
	1.41						

YES NO N/A REMARK*

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>75</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. 16 (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 29.5ep. 2015	Time100 - 1230	
Persons making the inspection:	5n'	
Name in Block Letters         1.       W.K. TANG         2.       MICHAEL WAN         3.       I VAN TANG         4.       DORATHY CHOI         5.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature Fyw-fu- Company Signature Signature

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Shenng River	Waste was not disposed regulary	9. Oct. 2015	30 SED. 2015	
2.					
3.					
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative

Contractor's Agent or his I	Representative	Tophe	Ne
Landscape Architect	/	1	V

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

Date _____

The Environmental Team's Represe	entative
Date	31. Sep. 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. 76) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Date of Inspection:	29-Sep. 2015	Time 1100 - 1230
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: $3^2 - {}^0C$
Wind:	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	Kam Tin River, Sheung Yue River, Shek	sheung River

Person(s) making the inspection:

	P			
Name in Block Letters	Designation	Organisation		
W.K. TANG	Contractor's Agent	Sang Hing – Kuly Joint Venture		
MIGHAEL WAN	Environmental Officer	Sang Hing – Kuly Joint Venture		
IVAN TANG	The Engineer's Nominated Site Representative	AECOM Consulting Services Ltd.		
DORATHY CHOI	Environmental Team's Representative	AECOM Consulting Services Ltd.		
1	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.		
/	Landscape Architect	Terra Studio Ltd.		
	YES NO	N/A REMARK*		

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

#### 2. AIR POLLUTION

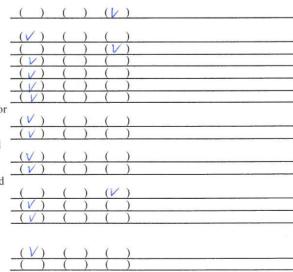
- a. Site Perimeter Hoardings provided as required
- b. Haul Road paved or kept wet
- Water spraying during loading and unloading of dusty material
- d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required
- e. Dust suppression measures taken and/or dust Screen erected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

#### 3 WATER POLLUTION

- a. Tightly sealed closed grab excavator used for river channel excavation works
- b. River excavation works sections by sections as required
- c. Splashing of sediment avoided during transfer
   d. Floating debris in river cleared
- e. Leakage from plant & vessel avoided
- f. Wheel washing bay desilted regularly
- g. Temporary drainage diversion provided as required
- h. Site runoff/wastewater discharge through silt traps or sedimentation tanks
- Silt traps, sedimentation tank & drainages cleared
   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 as necessary
- m. Chemical toilets provided as necessary
- n. Heavy Rainstorm Response Procedure displayed
   o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be
  - undertaken in April to October
- p. Other: Please specify

YES	NO	N/A	REMARK*
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4.	NOT	SE POLLUTION	ILS NO N/A KLMARK
ч.	<u>nor</u> a.	Temporary noise barriers installed at works area as	
		needed	
	b.	Noisy plant and equipment sited away from noisy	
		sensitive receiver as possible	
	c.	Air Compressors and portable percussive breakers with Noise Emission Labels	( ) ( ) ( ) ( ) ( )
	d.	Pneumatic percussive breakers fitted with sound	
	u.	mufflers	( ) ( ) (V)
	e.	Engine flap covers kept closed of construction plant	
	12270	during operations	$\mathcal{F}^{(n)}(\mathbf{r}) = (\mathbf{r}) = (\mathbf{r})$
	f.	Excavator breaker tip wrapped with sound insulating	
	-	material for breaking work Noise baffles/screens to noisy machines/site activitie	
	g.	as necessary	(1/) ( ) ( )
	h.	Valid Construction Noise Permits (CNP) for works in	
		restricted hours	( ) ( ) ( <del>/</del> )
	i.	Full compliance with CNP conditions	() $()$ $()$ $()$
	j.	Other: Please specify	
5	WAS	TEMANAGEMENT	
5.	a.	<u>TEMANAGEMENT</u> Designated area for sorting and temporary storage of	f
	ш.	C & D materials on site	
	b.	Proper sorting of inert and non-inert materials	
	c.	Recycle bins for recycling of different materials	
	d.	Rubbish bins for general rubbish	
	e.	Measures taken to avoid cross contamination of	
	f.	different wastes Disposed of regularly to avoid excessive	
	1.	accumulation	() (V) () Waste was not d'Epo sed regulary
	g.	Trip tickets and EPD chits duly completed and used	() () () () () () () () () () () () () (
	<i>D</i> .	in C & D waste disposal	(✔) () ()
	h.	Registration as Chemical Waste Producer as required	
	i.	Chemical wastes properly labeled and packaged	
	j.	Chemical wastes pending collection stored properly	
	k.	to avoid leakage Used trip tickets kept for chemical waste disposal	
	к. l	Proper handling of contaminated soil samples in land	
	1	contamination investigation work	· ( ) ( ) ( // )
	m.	Proper storage of contaminated soil samples in land	
		contamination investigation work	( ) ( ) ( V )
	n.	Emergency spillage procedure posted and correctly	
	0.	implemented Other: Please specify	$\frac{(\mathcal{V})}{(\mathcal{V})} \stackrel{()}{(\mathcal{V})} \stackrel{()}{(\mathcal{V})}$
	0.	other. I lease speeny	
,	OTH	ERS	
	a.	Existing trees and vegetation maintained and	a fine as an as
	1	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	
	c	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.	( ) ( ) ( V )
	g.	Others: Please specify	
			*To record the details of
	OTU	ERCOMMENTS	compliance for the checked
			items if applicable
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		to	1 1
	Na	me & Title: DORATHY CHOI	Name & Title: IVAN TANG
		vironmental Team's Representative	Engineer's Nominated Site Representative
		and a second sec	ingineer b tronaitated bite representative

YES NO N/A REMARK*

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>76</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

