

FAX MESSAGE

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То	AECOM Consulting Services Limited	Ref. No.	MCLF3414	1
Country		Email	yw.fung@a	aecom.com
Attn.	Mr. Y. W. Fung	Date	11 May 20	16
		No. of		
From	Colin Yung	Pages	1	(Incl. this page)
	Mr. Vincent Kwan			· · · · · · · · · · · · · · · · · · ·
C.c. To	(AECOM Consulting Services Limited)	Email	vincent.kw	an@aecom.com
	Agreement No. CE 22/2006 (HY)			
	Cycle Tracks Connecting North West New	Territories wit	:h	
Subject	North East New Territories – Investigation			1
	Contract No. YL/2013/01 (Cycle Tracks fro	· •		
	Monthly Environmental Monitoring & Audi		-	
	monthly Entriestantonal monitoring & Add			

We refer to the Monthly EM&A Report Rev. 0 for April 2016 that we received through email on 11 May 2016 and are pleased to verify the captioned submission is in accordance with Condition 3.5 of the EP-450/2013.

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

Best Regards,

Colin Yung Independent Environmental Checker

CY/by

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Prepared for the Civil Engineering and Development Department

Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

Monthly EM&A Report for April 2016

(Designated Project Works Area)







REV	ISION SCHEI	DULE			
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	11 May 2016	EM&A Report No. 24 – Apr 2016	Adam Zhu	YW Fung	YT Tang
		Signature	A.	7	Tanthi

REVISION RECORD					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	11 May 2016	EM&A Report No. 24 – Apr 2016	Adam Zhu	YW Fung	YT Tang

AECOM Consulting Services Limited 38th Floor, Metroplaza Tower 1 223 Hing Fong Road Kwai Fong, Hong Kong

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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. 24 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 April 2016.

Construction Progress

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

The main construction works in this reporting month relate to installation of bicycle parapet and construction of cycle track, drainage, fill slope and resting station.

Site Inspections

Environmental site inspections were conducted on 7, 13, 20 and 27 April 2016.

Several environmental issues have been identified by the ET during inspections including : stagnant water was observed accumulated in the U-channel, chemical containers without drip tray was observed, general wastes were observed accumulated in site and muddy water accumulated on site was found.

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.

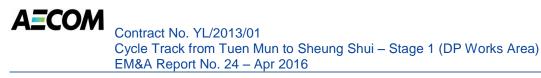
Environmental Monitoring

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 May 2016 of the Project consist of:





- 1) Portion D (Sheung Yue River):
 - Construction of Cycle Track
 - Construction of Resting Station
- 2) Portion E (Shek Sheung River):
 - Construction of Cycle Track
 - Construction of Drainage
- 3) Portion M (Kam Tin River):
 - Construction of Cycle Track
 - Construction of Footpath

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**.

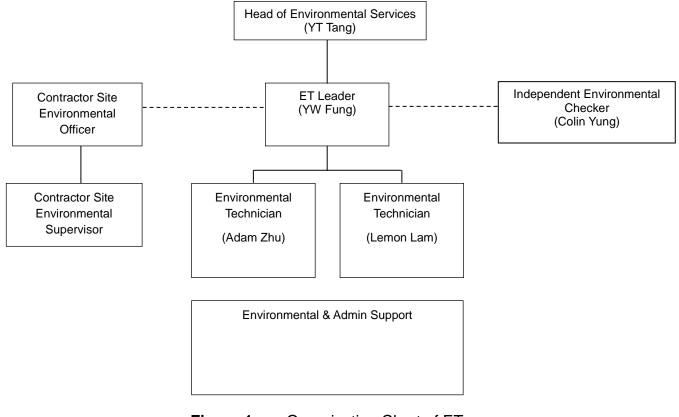


Figure 1 Organization Chart of ET





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 installation of bicycle parapet and construction of cycle track, drainage, fill slope and resting station.
- 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)	 Construction of Drainage Installation of Bicycle Parapet Construction of Resting Station Construction of Cycle Track 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided
Portion E (Shek Sheung River)	 Construction of Drainage Installation of Bicycle Parapet Construction of Cycle Track 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided





Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion M (Kam Tin River)	 Construction of Cycle Track Installation of Bicycle Parapet Construction of Resting Station Construction of Fill Slope 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided

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 (May and June 2016). The anticipated environmental issues are summarised as follows:

Table 2.2 Planned Activities for the Coming Two Months (May and June 2016)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	 Construction of Cycle Track Construction of Resting Station 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided





Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion E (Shek Sheung River)	 Construction of Drainage Construction of Cycle Track 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided
Portion M (Kam Tin River)	 Construction of Cycle Track Construction of Footpath 	 Protection of Trees Production of Solid Waste Production of Dust Production of Noise Production of dusty site runoff 	 No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS Spray water to minimize dust condition Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/screen to noisy machines shall be provided Extra sand bags and silt traps shall be provided

2.1.4 The site inspection schedule for the next month (May 2016) is designated on 4, 11, 18 and 25 May 2016.





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	te	Quantity
	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

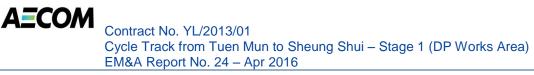
3.1.9 The EM&A Manual (2013) identifies that no significant overall loss of valuable ecological habitat and fishponds and it is considered that no significant negative impacts to surrounding habitats and species and aquaculture or water quality will arise from the construction and operation of the cycle 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

	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	7 April 2016	Sheung Yue River	Stagnant water was observed accumulated in U-channel	Stagnant water had been removed properly	13 Apr 2016
2	13 April 2016	Shek Sheung River	Chemical containers without drip trays were observed	Chemical containers had been removed	20 Apr 2016
3	20 April 2016	Sheung Yue River	General wastes were observed accumulated in site	General wastes had been removed and construction materials had been properly covered	27 Apr 2016
4	27 April 2016	Sheung Yue River	Muddy water accumulated was found on site	Muddy water had been removed	4 May 2016





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.





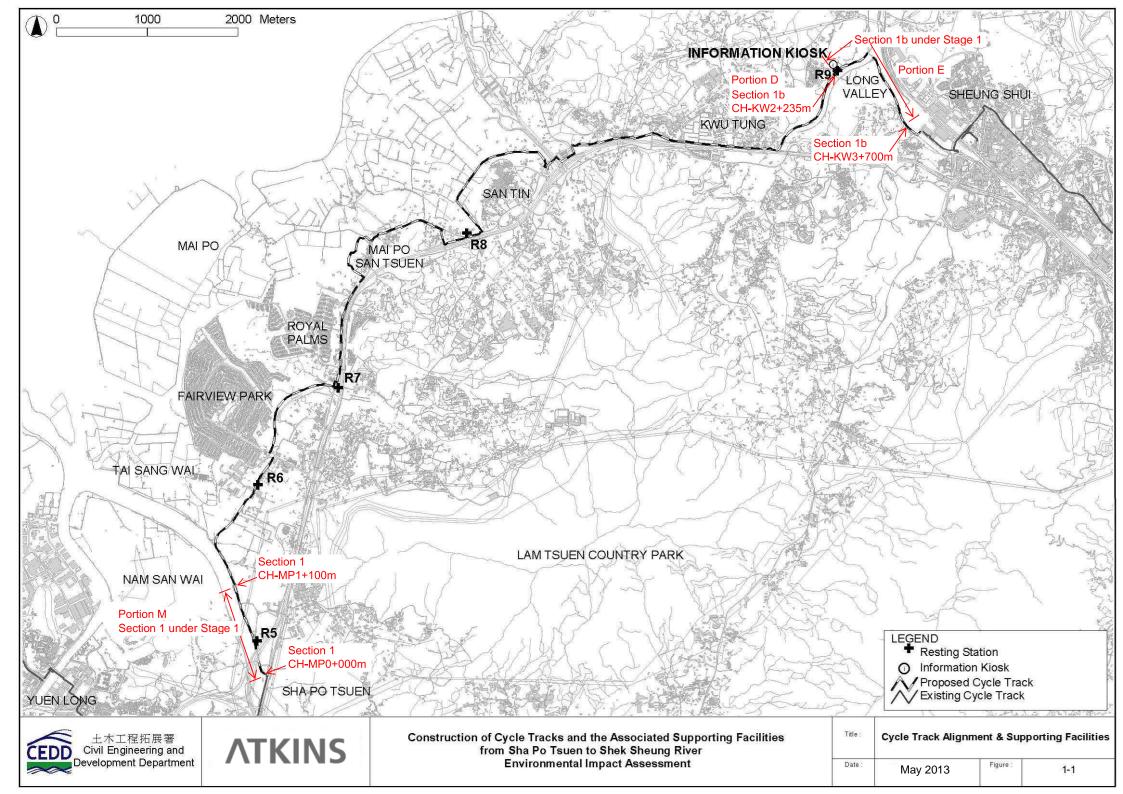
6 CONCLUSIONS

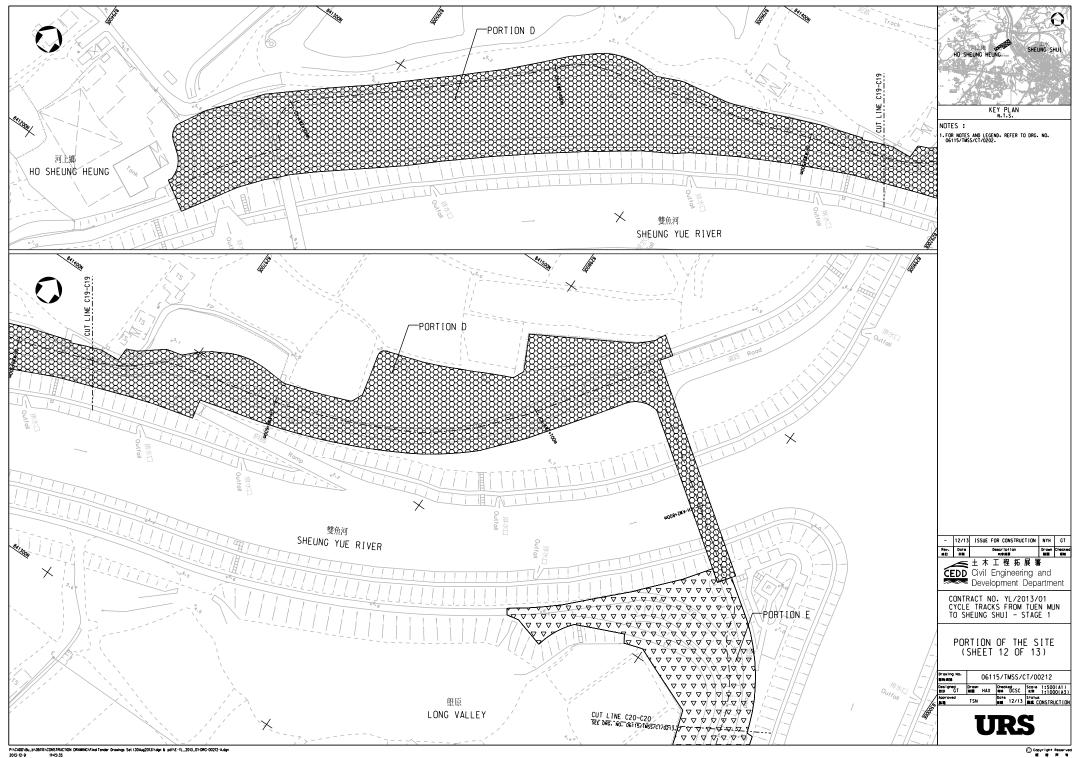
- 6.1.1 There was no complaint, summonses and notices reported in this reporting.
- 6.1.2 Several environmental issues have been identified by the ET during inspections including stagnant water was observed accumulated in the U-channel, chemical containers without drip tray was observed, general wastes were observed accumulated in site and muddy water accumulated on site was found.
- 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.

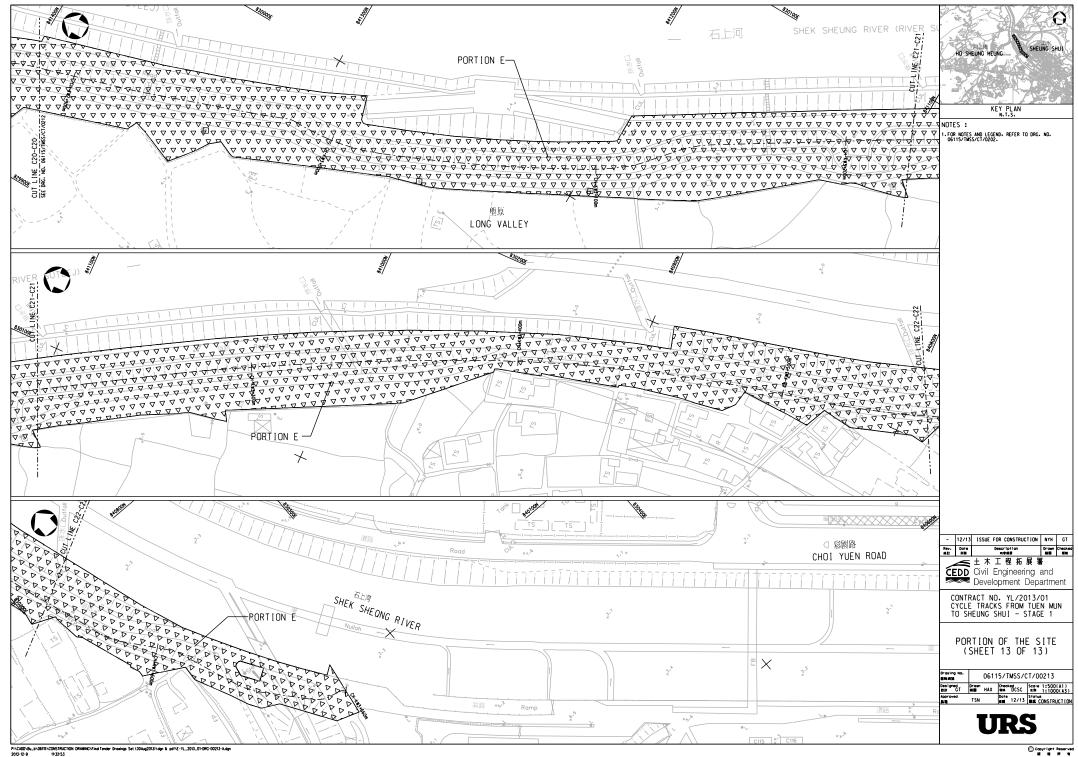


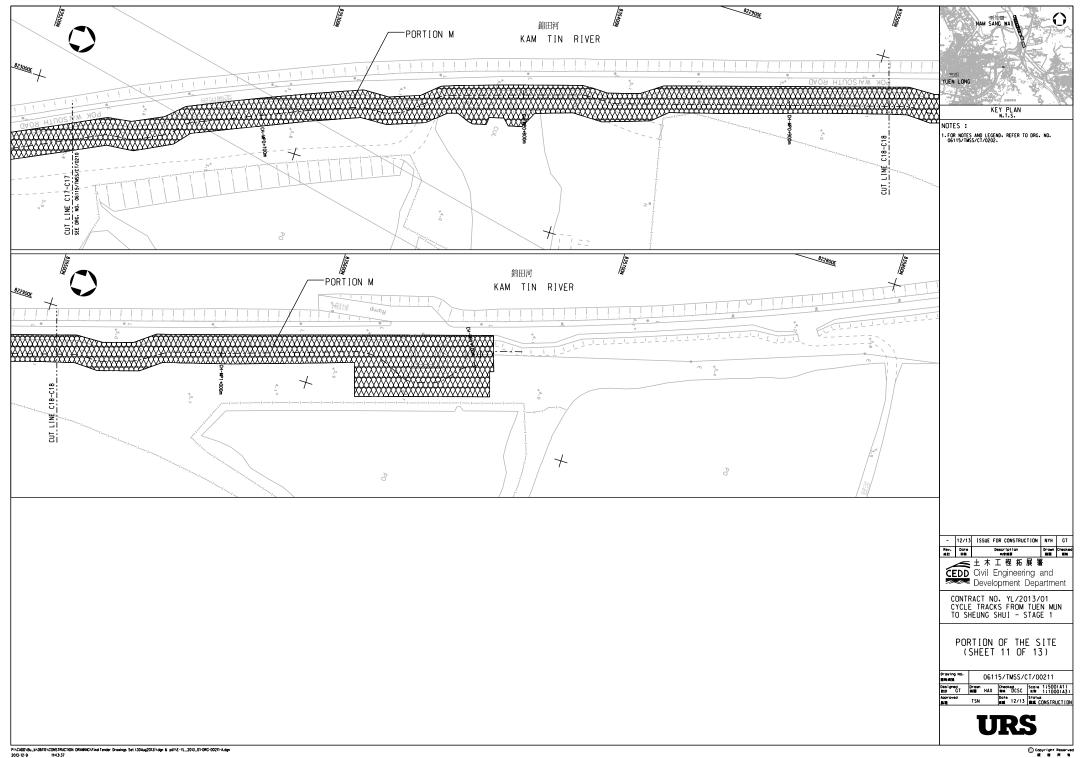


APPENDIX 1 SITE LAYOUT PLANS













APPENDIX 2 CONSTRUCTION PROGRAMME

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1 Project Programme of the Works

ID	Task Name	Duration	Start	Finish Drodococross	2014 2015 2016
0		Duration	Start	Finish Predecessors	2014 2015 2016 2017 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De
1	Project Programme of the Works	1279 days	Fri 13 Nov 29	Tue 17 May 30	
2 3					
-	1. Contract Key Dates	1279 days	Fri 13 Nov 29	Tue 17 May 30	
4	1.2 Date for Commencement of the Works	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
5	1.3 Site Possession Dates	184 days	Fri 13 Nov 29	Sat 14 May 31	
6	Portion A	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
7	Portion B	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
8	Portion C1, C3 & C4	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
9	Portion C2	0 days	Sun 14 Mar 2	Sun 14 Mar 2 4FS+94 days	
10	Portion D	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
1	Portion E	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
2	Portion G1	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
3	Portion G2	0 days	Sat 14 May 31	Sat 14 May 31 4FS+184 days	
4	Portion H	0 days	Wed 14 Apr 30	Wed 14 Apr 30 4FS+153 days	
.5	Poriton I				
.6		0 days	Wed 14 Apr 30	Wed 14 Apr 30 4FS+153 days	
	Portion J	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
7	Portion K	0 days	Wed 14 Apr 30	Wed 14 Apr 30 4FS+153 days	
8	Portion M	0 days	Fri 13 Nov 29	Fri 13 Nov 29	
9	1.4 Section Completion of the Works	1279 days	Fri 13 Nov 29	Tue 17 May 30	
0	Section W1A - Portions C1, C3 & C4	548 days	Fri 13 Nov 29	Sat 15 May 30	
1	Section W1B - Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
2	Section W2 - Portions D & E	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
3	Section W3 - Portions G1 & G2	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
4	Section W4 - Portions H, I & K	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
5	Section W5 - Portion J	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
6	Section W7 - Portion M	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
7	Section W8A - Landscape Softworks within Portions C1, C3 & C4		Fri 13 Nov 29		
8	Section W88 - Landscape Softworks within Portions C1, C3 & C4 Section W88 - Landscape Softworks within Portion C2	609 days		Thu 15 Jul 30	
9		274 days	Fri 13 Nov 29	Fri 14 Aug 29	
10	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	Mon 16 May 30	
1	Section W8E - Landscape Softworks within Portions I & K	762 days	Fri 13 Nov 29	Wed 15 Dec 30	
2	Section W8F - Landscape Softworks within Portion M	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
3	Section W9A - Establishment Works within Portions C1, C3 & C4	975 days	Fri 13 Nov 29	Sat 16 Jul 30	
4	Section W9B - Establishment Works within Portion C2	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
5	Section W9C - Establishment Works within Portions G1 & J	1249 days	Fri 13 Nov 29	Sun 17 Apr 30	
6	Section W9D - Establishment Works within Portions D & E	1279 days	Fri 13 Nov 29	Tue 17 May 30	
7	Section W9E - Establishment Works within Portion I & K	1128 days	Fri 13 Nov 29	Fri 16 Dec 30	
8	Section W9F - Establishment Works within Portion M	1067 days	Fri 13 Nov 29	Sun 16 Oct 30	
9		1007 0893	11113140425	381110 000 30	
0	2. Preliminary Works	100	5 · 12 11	F	
1		120 days	Fri 13 Nov 29	Fri 14 Mar 28	
1	Design and approval of Hoarding & Fencing	21 days	Fri 13 Nov 29	Thu 13 Dec 19 4	
2	Construction of Hoarding & Fencing for Site Offices	21 days	Fri 13 Dec 20	Thu 14 Jan 9 41	
3	Set up Engineer's Office & Temp Accommondation	60 days	Fri 13 Dec 20	Mon 14 Feb 17 41	
4	Set up Contractor's Site Office	45 days	Sat 14 Jan 4	Mon 14 Feb 17 43SS+15 days	
5	Submission and construction of Project Signboard	45 days	Fri 13 Dec 20	Sun 14 Feb 2 41	
5	Initial topographic survey	120 days	Fri 13 Nov 29	Fri 14 Mar 28 4	
7	Prepare, submit & Approve ICE	30 days	Fri 13 Nov 29	Sat 13 Dec 28 4	
3	Prepare, Submit Draft Safety Plan	14 days	Fri 13 Nov 29	Thu 13 Dec 12 4	
9	Review & Approve Safety Plan	35 days	Fri 13 Nov 29	Thu 14 Jan 2 4	
5	Prepare, Submit Draft Environmental Management Plan	21 days	Fri 13 Nov 29	Thu 13 Dec 19 4	
1	Review & Approve Environmental Management Plan				
2	Prepare, Submit & Approve Traffic Consultant	45 days	Fri 13 Nov 29	Sun 14 Jan 12 4	
		30 days	Fri 13 Nov 29	Sat 13 Dec 28 4	
3	Prepare and Submit Smart Card System	30 days	Fri 13 Nov 29	Sat 13 Dec 28 4	
	0 Contra 101 A Col	1000			
5	3. Section W1A of the works - Portion C1, C3 & C4	548 days	Fri 13 Nov 29	Sat 15 May 30	
6	Portion C3 - Tuen Mun Cycle Track Improvement	548 days	Fri 13 Nov 29	Sat 15 May 30	
'	Preparation work and submissions	90 days	Fri 13 Nov 29	Wed 14 Feb 26	
3	TTM design & submission and XP application	60 days	Fri 14 Oct 10	Mon 14 Dec 8 7655,57	
3	Road Works	128 days	Tue 14 Dec 9	Wed 15 Apr 15 58	
)	Installation of street furnitures / Road marking	60 days	Wed 15 Apr 1	Sat 15 May 30 59FS-15 days	
1	Portion C1 - Resting Station R14	375 days	Fri 13 Nov 29	Mon 14 Dec 8	TEACOURT
2	Preparation work and submissions	90 days	Fri 13 Nov 29	Wed 14 Feb 26	
3	Tree Survey and submission	21 days		Sun 14 Mar 23 86SS,62	
	Site Clearance				
		7 days		Sun 14 Mar 30 63	
	Tree felling	14 days	Mon 14 Mar 24	Sun 14 Apr 6 63	
5	Erection of Type 1 Hoarding (100m)	45 days		Wed 14 May 21 65,64	
7	Drainage works	45 days	Thu 14 May 22	Sat 14 Jul 5 66	
3	Cable duct laying with draw pits	28 days	Sun 14 Jul 6	Sat 14 Aug 2 67	
9	Installation of irrigation pipe and irrigation point (3 nos.)	21 days	Sun 14 Jul 6	Sat 14 Jul 26 67	
)	Kerb laying	34 days	Sun 14 Aug 3	Fri 14 Sep 5 69,68	
terras produces					
ct: YL/2013/0 Date: 29 Nov	Task	Progre	ss 💼	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
ission: 09 De	c 2013 Critical Task	Milest			Rolled Up Milestone 🖒 Split Project Summary Deadline 🖓

Sang Hing - Kuly Joint Venture

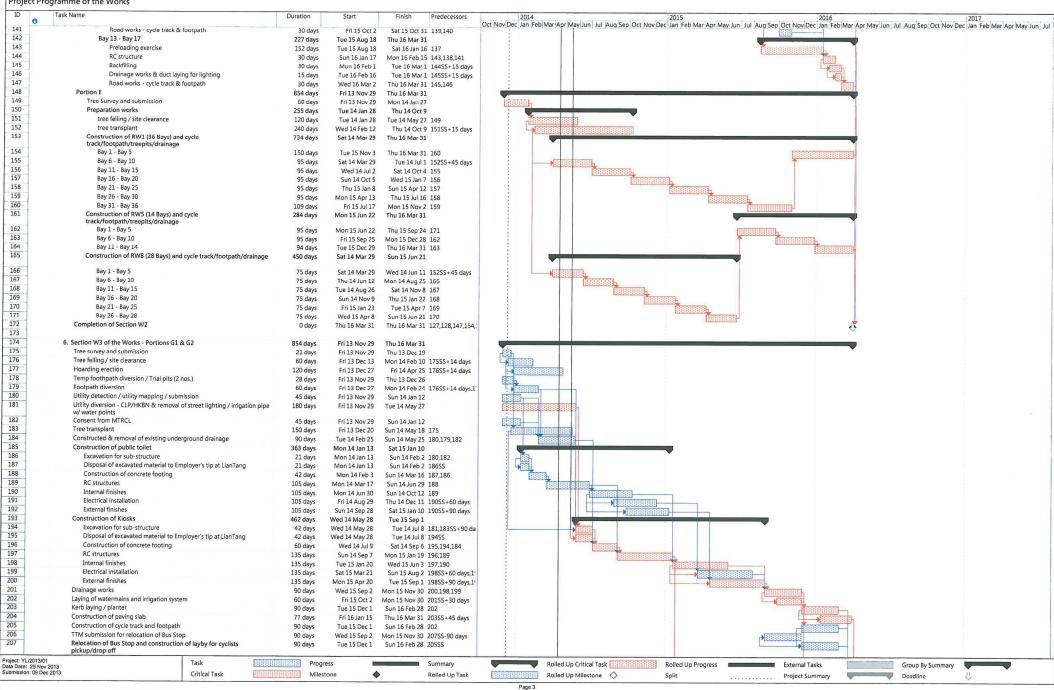
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

Project Pro	ogramme of the Works				
ID	Task Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017
71	Coordinate and request HyD to install Public lighting (5 nos)	60 days	Sun 14 Aug 3	Wed 14 Oct 1 70SS	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
72	Installation of bicycle parking racks, shelter with bench	45 days	Sat 14 Sep 6	Mon 14 Oct 20 70	
73	Pavement	49 days	Tue 14 Oct 21	Mon 14 Dec 8 72	
74	Portion C4 - Bike Parking Area at Choy Yee Bridge	146 days	Fri 14 Oct 10	Wed 15 Mar 4	
75	Submission and consent from MTRCL	45 days	Sat 14 Oct 25	Mon 14 Dec 8 775S-45 days	
76	TTM design & submission and XP application	60 days	Fri 14 Oct 10	Mon 14 Dec 8 775S-60 days	H H H H H H H H H H H H H H H H H H H
77	Site clearance	7 days	Tue 14 Dec 9	Mon 14 Dec 15 73	
78	Kerb laying	21 days	Tue 14 Dec 16	Mon 15 Jan 5 77	
79	Installation of bicycle parking racks	28 days	Tue 15 Jan 6	Mon 15 Feb 2 78	
80	Paving block laying	30 days	Tue 15 Feb 3	Wed 15 Mar 4 79	
81	Completion of Section W1A	0 days	Sat 15 May 30	Sat 15 May 30 60,80	
82					
83	Section W1B of the Works - Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
84	Resting Station R2 at Pui To Road (South) Rest Garden	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
85	Pocession of site	94 days	Fri 13 Nov 29	Sun 14 Mar 2	
86	Site clearance	7 days	Mon 14 Mar 3	Sun 14 Mar 9 9,85	
87	Erection of Type 3 Hoarding	21 days	Mon 14 Mar 10	Sun 14 Mar 30 86	
88	Construction of DWAFT wall	58 days	Mon 14 Mar 31	Tue 14 May 27 87	
89	Cable duct laying with draw pits	21 days	Wed 14 May 28	Tue 14 Jun 17 88	
90	kerb laying	15 days	Wed 14 Jun 18	Wed 14 Jul 2 89	
91 92	Coordinate and request HyD to install Public lighting	30 days 28 days	Thu 14 Jul 3 Thu 14 Jul 3	Fri 14 Aug 1 90 Wed 14 Jul 30 90	
92	Installation of bicycle parking racks, shelter with bench Pavement	28 days 30 days	Thu 14 Jul 3 Thu 14 Jul 31	Wed 14 Jul 30 90 Fri 14 Aug 29 92	
93	Completion of Section W1B	30 days 0 days	Fri 14 Aug 29	Fri 14 Aug 29 92 Fri 14 Aug 29 93,91	
94 95	completion of section with	o days	FIT 14 AUG 29	11114 MUA 52 22'2T	V
96	5. Section W2 of the Works - Portions D & E	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
97	Portion D	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
98	Tree survey and submission	45 days	Fri 13 Nov 29	Sun 14 Jan 12	REES.
99	Preparation work	300 days	Mon 14 Jan 13	Sat 14 Nov 8	
100	tree felling / site clearance	120 days	Mon 14 Jan 13	Mon 14 May 12 98	
101	tree transplant	180 days	Fri 14 Mar 14	Tue 14 Sep 9 100SS+60 days	
102	Geotechnical instrumentation	180 days	Tue 14 May 13	Sat 14 Nov 8 1015S+60 days	
103	Construction of RW2 (29 Bays) and cycle track / footpath	657 days	Sat 14 Jun 14	Thu 16 Mar 31	
104	Bay 1 - Bay 8	515 days	Sat 14 Nov 1	Tue 16 Mar 29	
105	Preloading exercise	140 days	Sat 14 Nov 1	Fri 15 Mar 20 111	The construction works adjacent to existing fish pond to be undertaken during Dry Season
106	RC structure	60 days	Sun 15 Nov 1	Wed 15 Dec 30 105	The construction work adjacent to existing fish pond to be undertaken during Dry
107	Backfilling	60 days	Tue 15 Dec 1	Fri 16 Jan 29 10655+30 days	
108	Drainage works & duct laying for lighting	30 days	Thu 15 Dec 31	Fri 16 Jan 29 107SS+30 days	
109	Road works - cycle track & footpath	60 days	Sat 16 Jan 30	Tue 16 Mar 29 108,107	
110	Bay 9 - Bay 16	290 days	Sat 14 Jun 14	Mon 15 Mar 30	
111	Preloading exercise	140 days	Sat 14 Jun 14	Fri 14 Oct 31 10255+32 days	
112	RC structure	60 days	Sat 14 Nov 1	Tue 14 Dec 30 111	
113	Backfilling	60 days	Mon 14 Dec 1	Thu 15 Jan 29 112SS+30 days	
114	Drainage works & duct laying for lighting	30 days	Wed 14 Dec 31	Thu 15 Jan 29 113SS+30 days	
115	Road works - cycle track & footpath	60 days	Fri 15 Jan 30	Mon 15 Mar 30 113,114	
116	Bay 17 - Bay 24	290 days	Sat 15 Mar 21	Mon 16 Jan 4	
117	Preloading exercise	140 days	Sat 15 Mar 21	Fri 15 Aug 7 105	
118	RC structure	60 days	Sat 15 Aug 8	Tue 15 Oct 6 117,112	
119	Backfilling	60 days	Mon 15 Sep 7	Thu 15 Nov 5 11855+30 days,	
120 121	Drainage works & duct laying for lighting	30 days	Wed 15 Oct 7	Thu 15 Nov 5 119SS+30 days Mon 16 Jan 4 119,120,115	
121	Road works - cycle track & footpath	60 days	Fri 15 Nov 6 Sat 15 Aug 8	Mon 16 Jan 4 119,120,115 Thu 16 Mar 31	
122	Bay 25 - Bay 29 Preloading exercise	237 days 135 days	Sat 15 Aug 8 Sat 15 Aug 8	Sun 15 Dec 20 117	
123	RC structure	45 days	Mon 15 Dec 21	Wed 16 Feb 3 123,118	
124	Backfilling	45 days	Tue 16 Jan 5	Thu 16 Feb 18 124SS+15 days,	
125	Drainage works & duct laying for lighting	30 days	Wed 16 Jan 20	Thu 16 Feb 18 12555+15 days	
127	Road works - cycle track & footpath	42 days	Fri 16 Feb 19	Thu 16 Mar 31 125,126,121	
128	Construction of Resting Station R9	60 days	Sat 16 Jan 30	Tue 16 Mar 29 107	
129	Construction RW4 (17 Bays) and cycle track / footpath	517 days	Sat 14 Nov 1	Thu 16 Mar 31	
130	Bay 1 - Bay 6	220 days	Sat 14 Nov 1	Mon 15 Jun 8	
131	Preloading exercise	145 days	Sat 14 Nov 1	Wed 15 Mar 25 111	It is expected the duration of preloading exercise would be shortened, so the 2nd batch of concrete blocks may not require.
132	RC structure	30 days	Thu 15 Mar 26	Fri 15 Apr 24 131	
133	Backfilling	30 days	Fri 15 Apr 10	Sat 15 May 9 13255+15 days	
134	Drainage works & duct laying for lighting	15 days	Sat 15 Apr 25	Sat 15 May 9 133SS+15 days	
135	Road works - cycle track & footpath	30 days	Sun 15 May 10	Mon 15 Jun 8 133,134	
136	Bay 7 - Bay 12	220 days	Thu 15 Mar 26	Sat 15 Oct 31	
137	Preloading exercise	145 days	Thu 15 Mar 26	Mon 15 Aug 17 131	
138	RC structure	30 days	Tue 15 Aug 18	Wed 15 Sep 16 137,132,135	
139	Backfilling	30 days	Wed 15 Sep 2	Thu 15 Oct 1 138SS+15 days,	
140	Drainage works & duct laying for lighting	15 days	Thu 15 Sep 17	Thu 15 Oct 1 139SS+15 days	
Project: YL/2013/0	11 Task		-	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
Data Date: 29 Nov	v 2013	Prog			
Submission: 09 De	ac 2013 Critical Task	Miles	tone	Rolled Up Task	Rolled Up Milestone 🔷 Split Project Summary Deadline
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Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



Sang Hing - Kuly Joint Venture

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1 Project Programme of the Works

ID T	Task Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017
0					2014 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
208	Construction of bicycle parking racks	105 days	Tue 15 Dec 1	Mon 16 Mar 14 201	
209	Realignment of Cycle track and footpath at Ng Lau Road	360 days	Wed 14 Oct 22	Fri 15 Oct 16	
210	TTM submission	90 days	Wed 14 Oct 22	Mon 15 Jan 19 2115S-90 days	
211	Construction of RWH1	120 days	Tue 15 Jan 20	Tue 15 May 19 197	
212	Backfilling and construction of cycle track and footpath	150 days	Wed 15 May 20	Fri 15 Oct 16 211	
213	Completion of Section W3	0 days	Thu 16 Mar 31	Thu 16 Mar 31 212,204,207,208,	
214					
215	7. Section W4 of the Works - Portions H, I & K	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
216	Portion H	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
217	Improvement of Cycle Tracks, Footpaths & associated Road	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
Provident and a second s	Works at Lam Tei			in ab ottoo	
218	Preparation work, TTM and submissions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
219	CHA - A7+200 ~ A8+560	547 days	Fri 14 May 2	Fri 15 Oct 30	
220	A7+200 ~ A7+300	78 days	Fri 14 May 2	Fri 14 Jul 18 14SS+1 day	
221	A7+300 ~ A7+400	78 days	Sat 14 Jul 19	Sat 14 Oct 4 220	
222	A7+400 ~ A7+500	78 days	Sun 14 Oct 5	Sun 14 Dec 21 221	Noncorport
223	A7+500 ~ A7+600				
223	A7+600 ~ A7+700	78 days	Mon 14 Dec 22	Mon 15 Mar 9 222	
		78 days	Tue 15 Mar 10	Tue 15 May 26 223	
225	A7+700 ~ A7+800	78 days	Wed 15 May 27	Wed 15 Aug 12 224	
226	A7+800 ~ A7+900	79 days	Thu 15 Aug 13	Fri 15 Oct 30 225	
227	A7+900 ~ A8+000	78 days	Fri 14 May 2	Fri 14 Jul 18 14SS+1 day	
228	A8+000 ~ A8+100	78 days	Sat 14 Jul 19	Sat 14 Oct 4 227	
229	A8+100 ~ A8+200	78 days	Sun 14 Oct 5	Sun 14 Dec 21 228	
230	A8+200 ~ A8+300	78 days	Mon 14 Dec 22	Mon 15 Mar 9 229	
231	A8+300 ~ A8+400	78 days	Tue 15 Mar 10	Tue 15 May 26 230	
232	A8+400 ~ A8+500	78 days	Wed 15 May 27	Wed 15 Aug 12 231	
233	A8+500 ~ A8+560	79 days	Thu 15 Aug 13	Fri 15 Oct 30 232	
234	Portion I	701 days	Fri 13 Nov 29	Fri 15 Oct 30	Ecocodo Companya Comp
235	Improvement of Cycle Tracks, Footpaths & associated Road	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
	Works at Hung Shui Kiu	701 dily3	11113110113	in is det so	
236	Preparation work, TTM and submissions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
237	CHA - A8+585 ~ A10+169	547 days	Fri 14 May 2	Fri 15 Oct 30	
238	A8+585 ~ A8+700	71 days	Fri 14 May 2	Fri 14 Jul 11 15SS+1 day	
239	A8+700 ~ A8+800	68 days	Sat 14 Jul 12	Wed 14 Sep 17 238	Production
240	A8+800 ~ A8+900	68 days		Mon 14 Nov 24 239	PERSONAL 1
240			Thu 14 Sep 18		
	A8+900 ~ A9+000	68 days	Tue 14 Nov 25	Sat 15 Jan 31 240	
242	A9+000 ~ A9+100	68 days	Sun 15 Feb 1	Thu 15 Apr 9 241	
243	A9+100 ~ A9+200	68 days	Fri 15 Apr 10	Tue 15 Jun 16 242	
244	A9+200 ~ A9+300	68 days	Wed 15 Jun 17	Sun 15 Aug 23 243	
245	A9+300 ~ A9+400	68 days	Mon 15 Aug 24	Fri 15 Oct 30 244	
246	A9+400 ~ A9+500	68 days	Fri 14 May 2	Tue 14 Jul 8 15SS+1 day	
247	A9+500 ~ A9+600	68 days	Wed 14 Jul 9	Sun 14 Sep 14 246	
248	A9+600 ~ A9+700	68 days	Mon 14 Sep 15	Fri 14 Nov 21 247	
249	A9+700 ~ A9+800	68 days	Sat 14 Nov 22	Wed 15 Jan 28 248	
250	A9+800 ~ A9+900	68 days	Thu 15 Jan 29	Mon 15 Apr 6 249	
251	A9+900 ~ A10+000	68 days	Tue 15 Apr 7	Sat 15 Jun 13 250	
252	A10+000 ~ A10+100	68 days	Sun 15 Jun 14	Thu 15 Aug 20 251	
253					
253	A10+100 ~ A10+169	71 days	Fri 15 Aug 21	Fri 15 Oct 30 252	
	CHA - E0+000 ~ E0+345	272 days	Fri 14 May 2	Wed 15 Jan 28	
255	E0+000 ~ E0+100	68 days	Fri 14 May 2	Tue 14 Jul 8 15SS+1 day	
256	E0+100 ~ E0+200	68 days	Wed 14 Jul 9	Sun 14 Sep 14 255	
257	E0+200 ~ E0+300	68 days	Mon 14 Sep 15	Fri 14 Nov 21 256	
258	E0+300 ~ E0+345	68 days	Sat 14 Nov 22	Wed 15 Jan 28 257	
259	CHA - D0+000 ~ D0+380	275 days	Thu 15 Jan 29	Fri 15 Oct 30	
260	D0+000 ~ D0+100	68 days	Thu 15 Jan 29	Mon 15 Apr 6 258	
261	D0+100 ~ D0+200	68 days	Tue 15 Apr 7	Sat 15 Jun 13 260	
262	D0+200 ~ D0+300	71 days	Sun 15 Jun 14	Sun 15 Aug 23 261	
263	D0+200 ~ D0+380	68 days	Mon 15 Aug 24	Fri 15 Oct 30 262	
264	Portion K	701 days	Fri 13 Nov 29	Fri 15 Oct 30	Eccence - Eccence
265	Improvement of Cycle Tracks, Footpaths & associated Road	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
	Works at Yuen Long	, 51 days	11123 1404 23		
266	Preparation work, TTM and submsions	210 days	Fri 13 Nov 29	Thu 14 Jun 26	
267	CHA - E1+100 ~ E1+800 Ping Shan	229 days		Mon 15 Sep 14	
268	E1+100 ~ E1+200	25 days	Thu 15 Jan 29	Sun 15 Feb 22 258	
269	E1+200 ~ E1+300	25 days	Mon 15 Feb 23	Thu 15 Mar 19 268	
270	E1+300 - E1+400			Mon 15 Apr 13 269	
271	E1+400 ~ E1+500	25 days			5231 (202020)
271 272		52 days	Tue 15 Apr 14	Thu 15 Jun 4 270	
	E1+500 ~ E1+600	25 days		Mon 15 Jun 29 271	
273	E1+600 ~ E1+700	25 days	Tue 15 Jun 30	Fri 15 Jul 24 272	
274	E1+700 ~ E1+800	52 days		Mon 15 Sep 14 273	
275	CHA - E2+265 ~ E2+370 Wan Tat Road	46 days	Tue 15 Sep 15	Fri 15 Oct 30 274	
roject: YL/2013/01	Task	Progr	acc .	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
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ata Date: 29 Nov 201		and a second sec	-		
roject: YL/2013/01 ata Date: 29 Nov 201 ubmission: 09 Dec 20	13 Critical Task	Milest	one 🗳	Rolled Up Task	Rolled Up Milestone 🔷 Split Project Summary Deadline 🖑

Sang Hing - Kuly Joint Venture

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1 Project Programme of the Works

ID	Task Name	Duration	Start	Finish Predecessors	2014 2015 2016 2017
276	CHA - m0+00 ~ m0+200 YOHO Town Phase 3 Development	125 days	Mon 14 Oct 13	Sat 15 Feb 14 282	Oct Nov Dec Jan FebiMar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan FebiMar 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 Ma
277	CHA - E5+840 ~ E5+915 Pok Io	50 days	Sun 15 Feb 15	Sun 15 Apr 5 276	
279	Stream Decking STR1 Submission and consent from MTRCL	240 days	Thu 14 May 1	Fri 14 Dec 26	
280	ELS / Excavation	30 days	Thu 14 May 1	Fri 14 May 30 17SS	
81	Base slab	60 days 30 days	Sat 14 May 31 Wed 14 Jul 30	Tue 14 Jul 29 279 Thu 14 Aug 28 280	E3553531 F779
82	Wall and top Slab	45 days	Fri 14 Aug 29	Sun 14 Oct 12 281	
83	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	
85	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	
91	Cable duct laying with draw pits	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
92 93	Installation of irrigation pipe and irrigation point (3 nos.)	25 days	Mon 15 Jun 8	Thu 15 Jul 2 290	
94	Kerb laying	30 days	Fri 15 Jul 3	Sat 15 Aug 1 291,292	
95	Coordinate and request HyD to install Public lighting (4 nos) Installation of bicycle parking racks, shelter with bench	60 days	Fri 15 Jul 3	Mon 15 Aug 31 293SS	
96	Pavement	45 days 45 days	Sun 15 Aug 2 Wed 15 Sep 16	Tue 15 Sep 15 293 Fri 15 Oct 30 295	
97	Completion of Section W4	45 days 0 days	Fri 15 Oct 30	Fri 15 Oct 30 226,233,245,25	
8		0 days		. 11 13 000 30 220,233,243,23	
99	8. Section W5 of the Works - Portion J	854 days	Fri 13 Nov 29	Thu 16 Mar 31	
00	Tree survey and submission	14 days	Fri 13 Nov 29	Thu 13 Dec 12	·
01	Tree felling / site clearance	14 days	Fri 13 Dec 6	Thu 13 Dec 19 300SS+7 days	Line Line Line Line Line Line Line Line
02	Hoarding erection	90 days	Fri 13 Dec 20	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	
05	mapping / submission Utility diversion - gas main & PCCW cable by others	22.1			
06	Tree transplant	90 days	Sun 13 Dec 29	Fri 14 Mar 28 304	
07	Construction of food klosk and metter room	90 days 426 days	Fri 13 Dec 13	Wed 14 Mar 12 300 Sat 15 Apr 4	
08	Excavation for sub-structure	21 days	Mon 14 Feb 3 Mon 14 Feb 3	Sun 14 Feb 23 302SS+45 days	20
09	Disposal of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Mon 14 Feb 3	Sun 14 Feb 23 308SS	
10	Construction of concrete footing	45 days	Mon 14 Feb 24	Wed 14 Apr 9 309,308	
11	RC structures	150 days	Thu 14 Apr 10	Sat 14 Sep 6 310	
12	Internal finishes	120 days	Sun 14 Sep 7	Sun 15 Jan 4 311	
13 14	Electrical installation	120 days	Thu 14 Nov 6	Thu 15 Mar 5 312SS+60 days	
15	External finishes Construction of first aid and cycle rental kiosks	120 days	Sat 14 Dec 6	Sat 15 Apr 4 312SS+90 days	
16	Excavation for sub-structure	426 days	Sat 14 Mar 29	Thu 15 May 28	
17	Disposla of excavated material to Employer's tip at LianTang and DSD	21 days	Sat 14 Mar 29	Fri 14 Apr 18 302SS+60 days	
	Contract DC/2010/02	21 days	Sat 14 Mar 29	Fri 14 Apr 18 316SS	
8	Construction of concrete footing	45 days	Sat 14 Apr 19	Mon 14 Jun 2 317,316,310	
.9	RC structures	150 days	Tue 14 Jun 3	Thu 14 Oct 30 318	
0	Internal finishes	120 days	Fri 14 Oct 31	Fri 15 Feb 27 319	
1	Electrical installation	120 days	Tue 14 Dec 30	Tue 15 Apr 28 320SS+60 days	
2	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	
0	Disposal of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Mon 14 Apr 28	Sun 14 May 18 32455	
6	Construction of concrete footing	45 days	Mon 14 May 19	Wed 14 Jul 2 325,324,310	
7	RC structures	150 days	Thu 14 Jul 3	Sat 14 Nov 29 326	
8	Internal finishes	120 days	Sun 14 Nov 30	Sun 15 Mar 29 327	
9	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	
1	Drainage works	90 days	Sun 15 Jun 28	Fri 15 Sep 25 314,322,330,31	22 1
2	Laying of watermains and irrigation system	60 days	Tue 15 Jul 28	Fri 15 Sep 25 331SS+30 days	
3	Kerb laying / planter	120 days	Sat 15 Sep 26	Sat 16 Jan 23 332,331	
4	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	
6				and the second se	
7	9. Section W7 of the Works - Portion M	639 days		Sat 15 Aug 29	
8	Cycle Tracks, Footpaths & associated Road Works at Kam Tin River	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
9	CH - MP0+000 ~ MP1+100	639 days	Fri 13 Nov 29	Sat 15 Aug 29	1 Control 1
0	Tree survey and submission Tree Transplant	45 days	Fri 13 Nov 29	Sun 14 Jan 12	
2	Construction of cycle track / footpath	150 days		Wed 14 Jun 11 340	
		504 days	Sun 14 Apr 13	Sat 15 Aug 29	
ct: YL/2013/01 Date: 29 Nov	2013	Progr	ess 💼	Summary	Rolled Up Critical Task Rolled Up Progress External Tasks Group By Summary
nission: 09 Dec				Rolled Up Task	Rolled Up Milestone 🔇 Split Project Summary Deadline

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

ID	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
343	MP0+000 ~ MP0+080 proposed fill slope	120 days	Wed 14 Oct 29	Wed 15 Feb 25 368	Loct now bec han tep wai Api wayhun hui Aug sep Oct now bec han rep wai Api wa
344	MP0+100 ~ MP0+160 L-shape RW3	90 days	Wed 15 Apr 1	Mon 15 Jun 29 361,343	
845	MP0+160 ~ MP0+300 widening of existing footpath	60 days	Tue 15 Jun 30	Fri 15 Aug 28 344	
46	MP0+300 ~ MP0+400	45 days	Thu 15 Jul 16	Sat 15 Aug 29 372,347	
47	MP0+400 ~ MP0+500	45 days	Mon 15 Jun 1	Wed 15 Jul 15 348	
48	MP0+500 ~ MP0+580 U-shape RW6	87 days	Fri 15 Mar 6	Sun 15 May 31 349	
49	MP0+580 ~ MP0+760	60 days	Mon 15 Jan 5	Thu 15 Mar 5 353	
50	MP0+760 ~ MP0+830 U-shape RW7	87 days	Mon 14 Aug 11	Wed 14 Nov 5 351	
51	MP0+830 ~ MP1+025	60 days	Thu 14 Jun 12	Sun 14 Aug 10 352	
52	MP1+025 ~ MP1+050 U-shape RW	60 days	Sun 14 Apr 13	Wed 14 Jun 11 3415S+90 days	
53	MP1+050 ~ MP1+100 DWARF wall	60 days	Thu 14 Nov 6	Sun 15 Jan 4 350	The construction works adjacent ekisting fish pond to be undertaken during dry season
54	Stream Decking STR2	331 days	Sun 14 Aug 3	Mon 15 Jun 29	
55	TDMP design and submission	90 days	Sun 14 Aug 3	Fri 14 Oct 31 356SS-90 days	
56 🔤	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 Season
57	Demolition of exisitng base slab and wing wall	21 days	Sat 14 Nov 15	Fri 14 Dec 5 356	
58	Construction of box culvert and base slab / wing wall W2 of outlet	41 days	Sat 14 Dec 6	Thu 15 Jan 15 357	
59	Temporary flow diversion for north half portion	14 days	Fri 15 Jan 16	Thu 15 Jan 29 358	a a a a a a a a a a a a a a a a a a a
50	Demolition of existing base slab and wing wall	21 days	Fri 15 Jan 30	Thu 15 Feb 19 359	
51	Construction of box culvert and base slab / wing wall W1 of outlet	40 days	Fri 15 Feb 20	Tue 15 Mar 31 360	
52	Railing installation and road works	90 days	Wed 15 Apr 1	Mon 15 Jun 29 361	Processors and a second s
53	Resting Station R5	322 days	Sun 14 Apr 13	Sat 15 Feb 28	
4	Site Clearance	7 days	Sun 14 Apr 13	Sat 14 Apr 19 34155+90 days	
55	Erection of Type 1 Hoarding	30 days	Sun 14 Apr 20	Mon 14 May 19 364	
56	Tree felling / tree tranplant	162 days	Tue 14 May 20	Tue 14 Oct 28 365	
57	Construction of planter wall	120 days	Tue 14 Jun 10	Tue 14 Oct 7 366SS+21 days	
58	Backfilling	21 days	Wed 14 Oct 8	Tue 14 Oct 28 367	
59	Drainage works	60 days	Wed 14 Oct 29	Sat 14 Dec 27 368,366	
70	Cable duct laying with draw pits	21 days	Wed 14 Oct 29	Tue 14 Nov 18 368,366	
1	Installation of irrigation pipe and irrigation point (2 nos.)	21 days	Wed 14 Nov 19	Tue 14 Dec 9 370	
2	Kerb laying	30 days	Wed 14 Dec 10	Thu 15 Jan 8 370.371	
3	Coordinate and request HyD to install Public lighting (3 nos)	60 days	Wed 14 Dec 10	Sat 15 Feb 7 372SS	
14	Installation of bicycle parking racks, shelter with bench	21 days	Fri 15 Jan 9	Thu 15 Jan 29 372	
75	Pavement	30 days	Fri 15 Jan 30	Sat 15 Feb 28 374	
76	Completion of Section W7	0 days	Sat 15 Aug 29	Sat 15 Aug 29 345,346,362,375	
77		1 2395			×
8	Section W8A - Landscape Softworks within Portions C1, C3 & C4	609 days	Fri 13 Nov 29	Thu 15 Jul 30	
9	Section W8B - Landscape Softworks within Portion C2	274 days	Fri 13 Nov 29	Fri 14 Aug 29	
30	Section W8C - Landscape Softworks within Portion G1 & J	883 days	Fri 13 Nov 29	Fri 16 Apr 29	
31	Section W8D - Landscape Softworks within Portion D & E	914 days		Mon 16 May 30	
32	Section W8E - Landscape Softworks within Portions I & K	762 days	Fri 13 Nov 29		
3	Section W8F - Landscape Softworks within Portion M	701 days	Fri 13 Nov 29	Fri 15 Oct 30	
4	Section W9A - Establishment Works within Portions C1, C3 & C4	975 days	Fri 13 Nov 29	Sat 16 Jul 30	
5	Section W9B - Establishment Works within Portion C2	639 days	Fri 13 Nov 29	Sat 15 Aug 29	
36	Section W9C - Establishment Works within Portions G1 & J	1249 days	Fri 13 Nov 29	Sun 17 Apr 30	
37	Section W9D - Establishment Works within Portions D & E	1279 days	Fri 13 Nov 29	Tue 17 May 30	
38	Section W9E - Establishment Works within Portion I & K	1128 days	Fri 13 Nov 29	Fri 16 Dec 30	
889	Section W9F - Establishment Works within Portion M	1067 days	Fri 13 Nov 29	Sun 16 Oct 30	

Sang Hing - Kuly Joint Venture

roject: YL/2013/01 ata Date: 29 Nov 2013 ubmission: 09 Dec 2013	Task Critical Task	Progress Milestone	\$ Summary Rolled Up Task		Rolled Up Critical Task	Rolled Up Progress Split	 External Tasks Project Summary	Group By Summary Deadline	Ŷ
			 	Page 6					





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	3922 9529
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

Civil Engineering and Development Department Contract No. YL/2013/01 7 Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1

Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1 Weekly Environmental Walk No. 2 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Track from Tuen Mun to Sheung Shui – Stage 1
Track from Tuen Mun to Sheung Shui – Stage 1
gent (or his Representative) Officer (or Environmental Supervisor) S Nominated Site Representative Team's Representative
l s

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Stek Stemp Puer	Staghan water was observed accumulated	13-4-2016	18-1-7016	
2.	Shearng The River	in Sec U- channel.		12 4-10	
3.	0				
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 Scow	Contractor's Agent or his Representative Zy WPC	_
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. /05) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Date of	of Inspection: $\overline{-4}$ -2016	Time $9:30 - 12:30$
Weath		
Wind:		Humidity: High/Moderate/Low
Locati		Fires, She k She ing River
		- ser shoug know
Persor	n(s) making the inspection:	
	in Block Letters Designation	Organisation
W·K	. TANG Contractor's Agent	Sang Hing – Kuly Joint Venture
MI	MALL WAN Environmental Officer	Sang Hing – Kuly Joint Venture
05	The Engineer's Nominated Si	
A	Environmental Team's Repres	
Rock	IG YU Independent Environmental C	
	Landscape Architect	Terra Studio Ltd.
		YES NO N/A REMARK*
1 <u>GE</u> a.	Environmental Permit (EP) convert place of work	
a. b.	Environmental Permit (EP) copy at place of work Environmental posters/notices at place of work	
с.	Site kept clean and tidy	
d.	Engine shut off when not in use	
e. f	Proper maintenance of site plant and equipment Other: Please specify	
1	other. I lease speeny	
2. <u>All</u>	R POLLUTION	,
a.	Site Perimeter Hoardings provided as required	
b. c.	Haul Road paved or kept wet Water spraying during loading and unloading of	
•	dusty material	() $()$ $()$ $()$ $()$
d.	Exposed stockpile & dusty materials in storage	
e.	wetted or covered by tarpaulin as required Dust suppression measures taken and/or dust Screen	
0.	erected for dusty site activities	
f.	Wheel washing bays provided at site vehicle exits	
~	and maintained in good working order	
g. h.	Vehicle wheels washed before leaving site Dump trucks fitted with mechanical tarpaulin cover	
i.	Dusty loads on vehicles covered by tarpaulin	
j.	Vehicle speed control (8KM/hr) on site	
k. 1.	Black smoke emission control from site plant No opening burning of debris on site	
m	Use of Ultra Low Surphur Diesel (ULSD) for	
	constructional plant and equipment	(UT())
n.	Other: Please specify	
3 WA	TER 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. g	Wheel washing bay desilted regularly Temporary drainage diversion provided as required	
h.	Site runoff/wastewater discharge through silt traps or	
	sedimentation tanks	
1. J	Silt traps, sedimentation tank & drainages cleared Sand bags provided at site entrance and around road	
5	gullies as necessary	
k.	Water Discharge License applied as necessary	
1.	Self-monitoring on site runoff/wastewater conducted	
m.	as necessary Chemical toilets provided as necessary	
n.	Heavy Rainstorm Response Procedure displayed	
0.	Construction works adjacent to the fishponds near	
	Kam Tin River and Long Valley should not be	
p.	undertaken in April to October Other: Please specify	

3

Coursed in U-Channel.

4. NOISE POLLUTION

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

5. WASTE MANAGEMENT

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

a b.

7.

C.

Signed By

Name & Title: Adam Jun. E.T. Environmental Team's Representative

Signed By

Name & Title: Slow. Engineer's Nominated Site Representative

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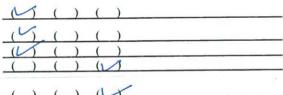
NO

YES

N/A

REMARK*

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and	() (_)		
d	() ()		
у	M () ()	



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

Page 2 of 3

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>103</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 $13 - 4 - 2016$	Time $4:00 - 17:30$	
Persons making the inspection:		
Name in Block Letters 1. $W \cdot k$ TANG 2. $MZCHALL WAH$ 3. $IVAN TAN 9$ 4. ADAM ZHU 5. 6.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature Ry W-fh Hor Hor
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	SHEK SHEANG RIVER	Chema confirmers without duip tray	20-4-2016	20-11-2016	
2.		it's observed		ip at a	
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 Represe	entative	CHI
Environmental Team's Representative		
	1	\bigcirc

-	Contractor's Agent or his Representative
\supset	Landscape Architect
7 -	

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

The Environmental Team's Representative

Date _____

Date _____

Tywith

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. /0/) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection	13-4-2016	Time 14:00 - 17:30
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: 21/2 °C
Wind:	Calm/Light(Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	KAM TEN REVER SHRANG YUZ RZNER	SHEK SHEUNG RZVER

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
W-K. TANG	Contractor's Agent	Sang Hing -
MICHAL MAN	Environmental Officer	Sang Hing -
JVAN TANG	The Engineer's Nominated Site Representative	AECOM Cor
ADAM ZHU	Environmental Team's Representative	AECOM Cor
	Independent Environmental Checker (IEC)	Fugro (Hong
	Landscape Architect	Terra Studio

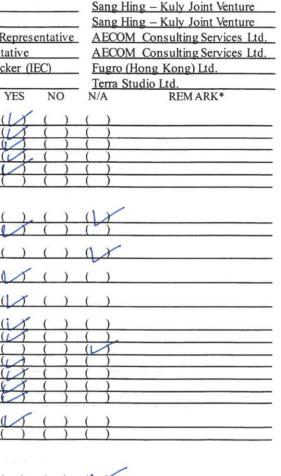
- GENERAL 1
 - Environmental Permit (EP) copy at place of work a.
 - b. Environmental posters/notices at place of work
 - Site kept clean and tidy c.
 - d. Engine shut off when not in use
 - Proper maintenance of site plant and equipment e. f
 - Other: Please specify

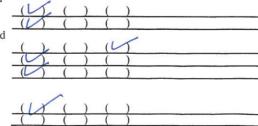
2. AIR POLLUTION

- Site Perimeter Hoardings provided as required a
- b. Haul Road paved or kept wet
- Water spraying during loading and unloading of C. dusty material
- Exposed stockpile & dusty materials in storage d. 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.
- h. Dump trucks fitted with mechanical tarpaulin cover
- i. Dusty loads on vehicles covered by tarpaulin
- j. k. Vehicle speed control (8KM/hr) on site
- Black smoke emission control from site plant 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

- Tightly sealed closed grab excavator used for river a channel excavation works
- b. River excavation works sections by sections as required
- Splashing of sediment avoided during transfer C. d.
- Floating debris in river cleared
- e. Leakage from plant & vessel avoided 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.
- I 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 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
- p. Other: Please specify





			YES	NC)	N/A	REM ARK*
	Contraction of the local division of the loc	EPOLLUTION					
a	L.	Temporary noise barriers installed at works area as needed	K	()	()	
b).	Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(VS	
С		Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	US	
d	I.	Pneumatic percussive breakers fitted with sound mufflers	()	()	L	
e		Engine flap covers kept closed of construction plant		(<u>)</u>		•
f	:	during operations Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(L)	
g	Ļ	Noise baffles/screens to noisy machines/site activities as necessary	112	-()	()	
h	1.	Valid Construction Noise Permits (CNP) for works in restricted hours		()	U	
i.		Full compliance with CNP conditions	$\left(\right)$	Ċ)	in	
j.		Other: Please specify	()	()	()	
V	VAS	TEMANAGEMENT					
a		Designated area for sorting and temporary storage of	1/				
		C & D materials on site	()	()	()	
).	Proper sorting of inert and non-inert materials Recycle bins for recycling of different materials	()		1	$\left\{ \cdot \right\}$	
C	:. 1.	Rubbish bins for general rubbish		1	5	$\left\{ \cdot \right\}$	
	1.).	Measures taken to avoid cross contamination of			1		
C		different wastes	IL	()	()	
f	2	Disposed of regularly to avoid excessive accumulation	()	(L	r	()	
8	7	Trip tickets and EPD chits duly completed and used in C & D waste disposal	IX	. ()	()	
h	1.	Registration as Chemical Waste Producer as required	C	()	()	1
i		Chemical wastes properly labeled and packaged	()	()	(1)	
j		Chemical wastes pending collection stored properly					-
		to avoid leakage	\leftarrow		2	(5)	
	κ.	Used trip tickets kept for chemical waste disposal Proper handling of contaminated soil samples in land		()	U	
1		contamination investigation work	()	()	(1)	·
n	n.	Proper storage of contaminated soil samples in land			/		
123		contamination investigation work	()	()	(1)	
n	1.	Emergency spillage procedure posted and correctly	1/	-			
		implemented		(1	()	changest C. Later and
C).	Other: Please specify		N)		duit tran was observe
(DTH	ERS					our Tray was observe
a	1.	Existing trees and vegetation maintained and	15	1	1	()	
L).	protected as required Materials & Plant kept way from existing trees and	10	()	()	
L).	vegetation	5	()	()	
C	2.	Topsoil conserved and re-use in landscape works	11	()	()	a an
	1.	Night-time lighting controlled to minimize glare		(1	il	
	2.	In situ compensation planting should occur at the		1	1	(-)	
		Information Kiosk and R9	()	()	(1)	/
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.	dx	()	()	
c	2	Others: Please specify		()	$\left(\right)$	
E	7	others. I lease speeny)		*To record the details of
							compliance for the checked
(TTC	ER COM M ENTS					items if applicable
-				_			
_							
_							

Signed By

1 Name & Title: Adam 3hn ET Environmental Team's Representative

Signed By

Name & Title: Lan (ang (Arm)) 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>104</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. Kfor 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 $20-4 - 2015$	Time $9_{-30} - 12^{-3}_{00}$	
Persons making the inspection:		
Name in Block Letters 1. W.K. TANG 2. M2 CHARC WAN 3. ZUAN TANG 4. ADAM ZHUA 5.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature Zwy Wy Wy Wy Wy Wy Wy Wy Wy Wy Wy Wy Wy Wy
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Sheng Yne River	General wastersities where ved accumulated in stee	27-4-2016	27-4-2016	
2.	- 0		192010	1 7 244 6	
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 Representative Ze W T Contractor's Agent or his Representati
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. /o^t) (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: 20-4-2015	Time $9:30 - 12:30$
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: 7640C
Wind:	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	Kan Tin Kiner, Shoung Yne River	. Shep sheng River

Person(s) making the inspection:

Name in	Block Letters
W.K.	TANG
MIG	MAELWAN
ZVA	
ADA	M ZHU
putto	and the

 Designation

 Contractor's Agent

 Environmental Officer

 The Engineer's Nominated Site Representative

 Environmental Team's Representative

 Independent Environmental Checker (IEC)

 Landscape Architect

 YES

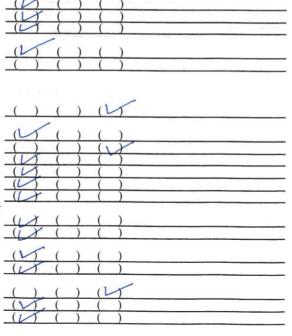
- 1 GENERAL
 - a. Environmental Permit (EP) copy at place of work
 - b. Environmental posters/notices at place of work
 - c. Site kept clean and tidy
 - d. Engine shut off when not in use
 - e. Proper maintenance of site plant and equipment
 - f Other: Please specify

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
- 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
- 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

- 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 transferd. Floating debris in river cleared
- e. Leakage from plant & vessel avoided
- f. Wheel washing bay desilted regularly
- g. Temporary drainage diversion provided as required
- 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



Organisation

Sang Hing - Kuly Joint Venture

Sang Hing - Kuly Joint Venture

AECOM Consulting Services Ltd.

AECOM Consulting Services Ltd.

REMARK*

Fugro (Hong Kong) Ltd.

Terra Studio Ltd.

N/A

4. NOISE POLLUTION

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

5. WASTE MANAGEMENT

- a. Designated area for sorting and temporary storage of C & D materials on site
- b. Proper sorting of inert and non-inert materials
- c. Recycle bins for recycling of different materials
- d. Rubbish bins for general rubbish
- e. M easures taken to avoid cross contamination of different wastes
- f. Disposed of regularly to avoid excessive accumulation
- g. Trip tickets and EPD chits duly completed and used in C & D waste disposal
- h. Registration as Chemical Waste Producer as required
- i. Chemical wastes properly labeled and packaged
- j. Chemical wastes pending collection stored properly to avoid leakage
- k. Used trip tickets kept for chemical waste disposal
 l. Proper handling of contaminated soil samples in land
- 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
 - 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

a. b.

7.

c. -

Signed By

Signed By

Name & Title: Adam. Zun Environmental Team's Representative

11 Name & Title:

Engineer's Nominated Site Representative

 YES
 NO
 N/A
 REMARK*

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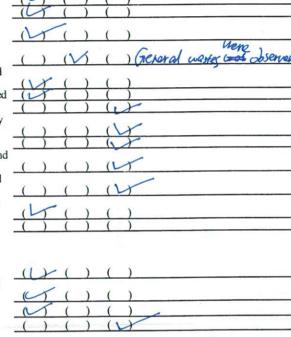
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*To record the details of compliance for the checked

items if applicable

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Page 2 of 3

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>105</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. /of(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 27 April 2016 Time 9=30 - 11=45 Date of Inspection Persons making the inspection: Name in Block Letters Designation Signature W.K. Tang 1. Contractor's Agent (or his Representative) 2. Mithael Wan Environmental Officer (or Environmental Supervisor) 3. C.S. Jam The Engineer's Nominated Site Representative LemonLam 4. Environmental Team's Representative 5. 6. 7. _____ 8.

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Sheung Yue River	Muddy water accumulated was found.	4 May 2016	4-5-2016	
2.	0	ansite			
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 Representative 7 a 4
Environmental Team's Representative	Landscape Architect
\bigcirc	
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. 0/2) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) **Environmental Inspection Checklist**

Date of Inspection	1: 27 April 2016	Time9=30-11=45
Weather:	Sunny/Fine Overcast/ Drizzle/Rain/Storm/Hazy	Temperature: $27^{\circ}C$
Wind:	Calm Light/Breeze/Strong	, Humidity: (High)Moderate/Low
Location(s):	Kan To Kiver Shoung the River	Stek sheing River
	0.00	pirer.

YES

NO

N/A

Person(s) making the inspection:

Name in Block Letters	Designation
W.K. Tave	Contractor's Agent
Michael Wan	Environmental Officer
Cis.lam	The Engineer's Nominated Site Representative
Lemon Lam	Environmental Team's Representative
	Independent Environmental Checker (IEC)
	Landscape Architect

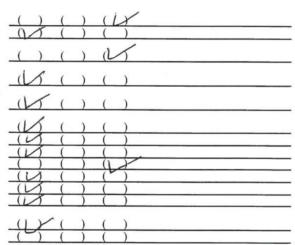
- 1 GENERAL
 - Environmental Permit (EP) copy at place of work a.
 - b. Environmental posters/notices at place of work
 - C Site kept clean and tidy
 - d. Engine shut off when not in use
 - Proper maintenance of site plant and equipment e.
 - f Other: Please specify

2 AIR POLLUTION

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

3 WATER POLLUTION

- Tightly sealed closed grab excavator used for river a. channel excavation works
- b. River excavation works sections by sections as required
- Splashing of sediment avoided during transfer c d. Floating debris in river cleared
- 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.
- I 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.



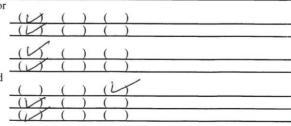
Organisation

Sang Hing - Kuly Joint Venture Sang Hing - Kuly Joint Venture AECOM Consulting Services Ltd. AECOM Consulting Services Ltd.

REM ARK*

Fugro (Hong Kong) Ltd. Terra Studio Ltd.





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unter accumulated on site was

	with Noise Linission Labers	
	Pneumatic percussive breakers fitted with sound mufflers	$()$ $()$ $(i \not d)$
	Engine flap covers kept closed of construction plant	
	during operations	
	Excavator breaker tip wrapped with sound insulating material for breaking work	$()$ $()$ (\downarrow)
	Noise baffles/screens to noisy machines/site activities	
	as necessary	
	Valid Construction Noise Permits (CNP) for works in restricted hours	() $()$ (V)
	Full compliance with CNP conditions	
	Other: Please specify	
AS	TE MANAGEMENT	
	Designated area for sorting and temporary storage of	
	C & D materials on site Proper sorting of inert and non-inert materials	
	Recycle bins for recycling of different materials	
	Rubbish bins for general rubbish	
	M easures taken to avoid cross contamination of	
	different wastes Disposed of regularly to avoid excessive	
	accumulation	
	Trip tickets and EPD chits duly completed and used in C & D waste disposal	$(\mathcal{L}(\mathcal{L})(\mathcal{L}))$
	Registration as Chemical Waste Producer as required	
	Chemical wastes properly labeled and packaged	
	Chemical wastes pending collection stored properly	() () (if
	to avoid leakage Used trip tickets kept for chemical waste disposal	
	Proper handling of contaminated soil samples in land	
	contamination investigation work	
1.	Proper storage of contaminated soil samples in land contamination investigation work	
	Emergency spillage procedure posted and correctly	
	imp lemented	
	Other: Please specify	
DTH	IERS	
	Existing trees and vegetation maintained and	
	protected as required Materials & Plant kept way from existing trees and	
•	vegetation	
•	Topsoil conserved and re-use in landscape works	
•	Night-time lighting controlled to minimize glare	
	In situ compensation planting should occur at the	
	Information Kiosk and R9	
•	Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise	
	levels and activities should be kept to a minimum.	
	Others: Please specify	
		*To record the details of
		compliance for the checked
	HER COM M ENTS	items if applicable
Si	igned By	Signed By
		(Jan 19 a il)
		KANNUN
	name	=/>>
7	TT I	~ /
	ame & Title: Lomon lam ET.	Name & Title: C.S. Lam Engineer's Nominated Site Representative
E	nvironmental Team's Representative	Engineer's Nominated Site Representative

- 4. NOISE POLLUTION a.
 - Temporary noise barriers installed at works area as needed b.
 - Noisy plant and equipment sited away from noisy sensitive receiver as possible Air Compressors and portable percussive breakers with Noise Emission Labels c.
 - d.
 - e.
 - f.
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- 5. W
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 - g

7. C

a. _____ b. ____

Environmental Team's Representative

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REMARK*

N/A

NO

YES

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>106</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

