

FAX MESSAGE

Priority [normal /	🗆 urgent
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То	AECOM Consulting Services Limited	Ref. No.	MCLF3408	
Country		Email	rodney.ip@a	aecom.com
Attn.	Mr. Rodney lp	Date	13 April 201	6
		No. of		
From	Colin Yung	Pages	1	(Incl. this page)
	Mr. Vincent Kwan			
C.c. To	(AECOM Consulting Services Limited)	Email	vincent.kwa	n@aecom.com
	Agreement No. CE 22/2006 (HY)			,
	Cycle Tracks Connecting North West New	Territories wit	:h	
Subject	North East New Territories - Investigation			
•	Contract No. YL/2013/01 (Cycle Tracks from	· •		ii - Stage 1) –
	Monthly Environmental Monitoring & Audi			
	WORLING ERVILORMENTAL WORLDORING & AUG	I REPORTION MA	21 UT 2010	

We refer to the Monthly EM&A Report Rev. 0 for March 2016 that we received through email on 13 April 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/VC/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 March 2016

(Designated Project Works Area)







REVISION SCHEDULE						
Rev	Date	Details	Prepared by	Reviewed by	Approved by	
0	14 April 2016	EM&A Report No. 23 – Mar 2016	Adam Zhu	YW Fung	YT Tang	
	1	Signature	2	7.	Cartholing	

REVISION RECORD					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	14 April 2016	EM&A Report No. 23 – Mar 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. 23 contains the results and findings of site inspection activities and EM&A works carried out by the Works Contractor as required in the contract from 1 - 31 March 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 3, 9, 16, 23 and 30 March 2016.

Several environmental issues have been identified by the ET during inspections including mud trail was observed on public road, accumulated rubbish was found in the site, chemical containers were found without drip trays, construction materials were found too close to the trees in site and stockpile in site was observed dry.

The Contractor has implemented mitigation measures to address those problems. The measures taken by the contractor were considered as effective to minimize negative impact to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.

Environmental Complaints, Notices, Summons and Remedial Action

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

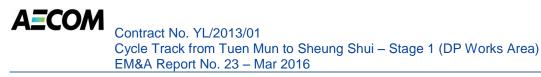
Environmental Monitoring

According to the "Construction of Cycle tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River Stage 1 Environmental Review EM&A Manual (2013) (EM&A Manual 2013), no air, water and noise monitoring is required.

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

Construction Programme for Coming Month

Planned activities for 1 to 30 April 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
 - Construction of Fill Slope

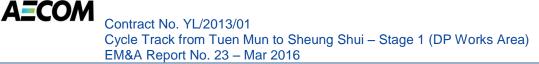
Reporting Changes

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**.

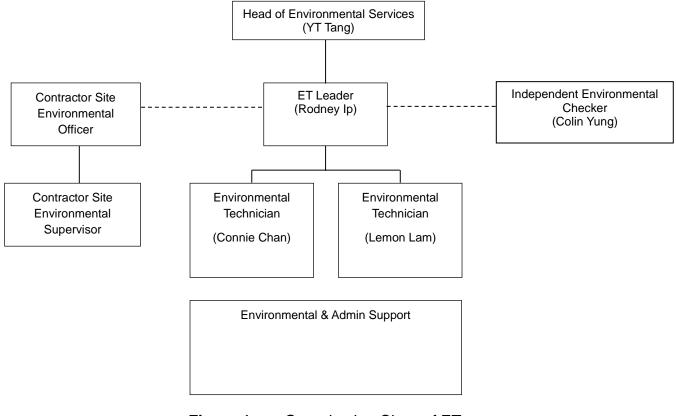


Figure 1 Organization Chart of ET





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

Table 2.2 Planned Activities for the Coming Two Months (April and May 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 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

2.1.4 The site inspection schedule for the next month (April 2016) is designated on 7, 13, 20 and 27 April 2016.





3 STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS

3.1 Environmental Requirements

Air Quality

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)	0.06	

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	3 March 2016	Sheung Yue River	Stockpiles in site was observed dry	Water spray had been provided for dust suppression	10 Mar 2016
2	3 March 2016	Shek Sheung River	Chemical containers without drip trays were observed	Chemical containers had been removed	10 Mar 2016
3	9 March 2016	Kam Tin River	Chemical containers without drip trays were observed	Chemical containers had been removed	16 Mar 2016
4	9 March 2016	Shek Sheung River	Construction materials were found too close to the trees in site	Construction materials had been kept away from trees	16 Mar 2016
5	16 March 2016	Sheung Yue River	Rubbish was observed accumulated in site	Accumulated rubbish had been removed	23 Mar 2016
6	16 March 2016	Shek Sheung River	Chemical containers without drip trays were observed	Chemical containers had been removed	23 Mar 2016
7	23 March 2016	Kam Tin River	Mud trail was observed on public road	Mud trail had been cleaned up	30 Mar 2016
8	23 March 2016	Sheung Yue River	Rubbish was observed accumulated in site	Accumulated rubbish had been removed	30 Mar 2016
9	30 March 2016	Kam Tin River	Mud trail was observed on public road	Mud trail had been cleaned up	7 Apr 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.





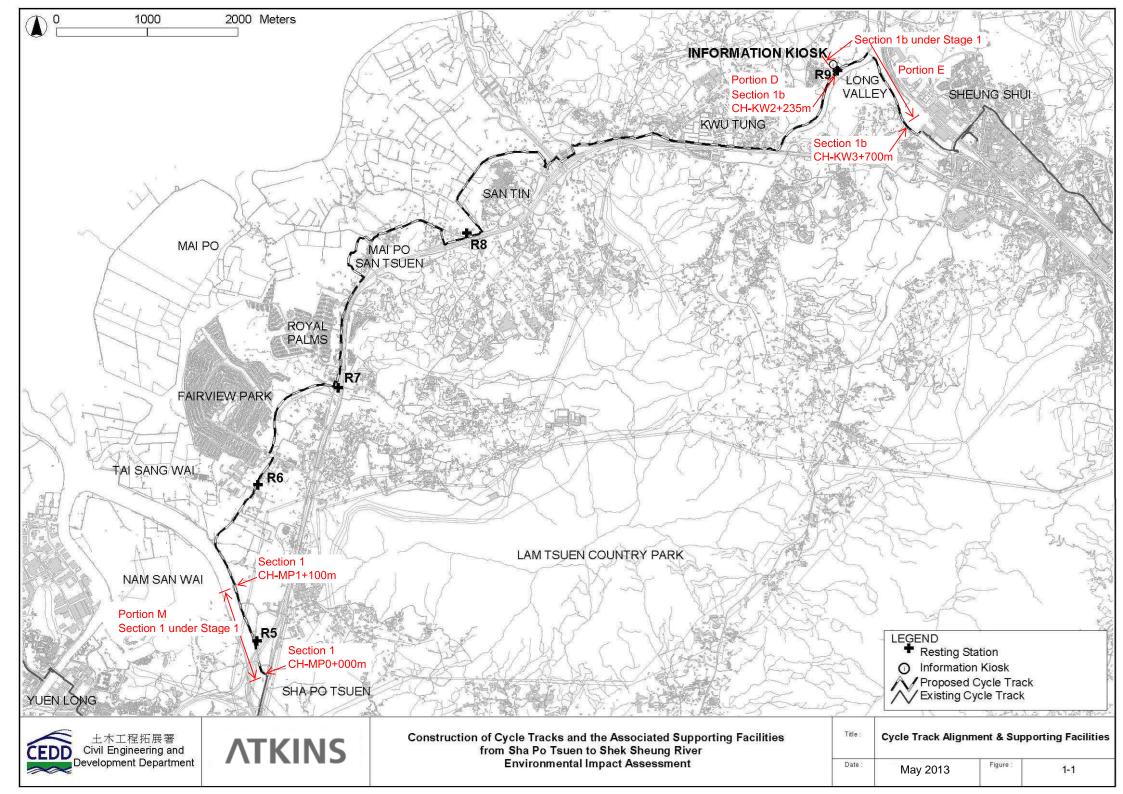
6 CONCLUSIONS

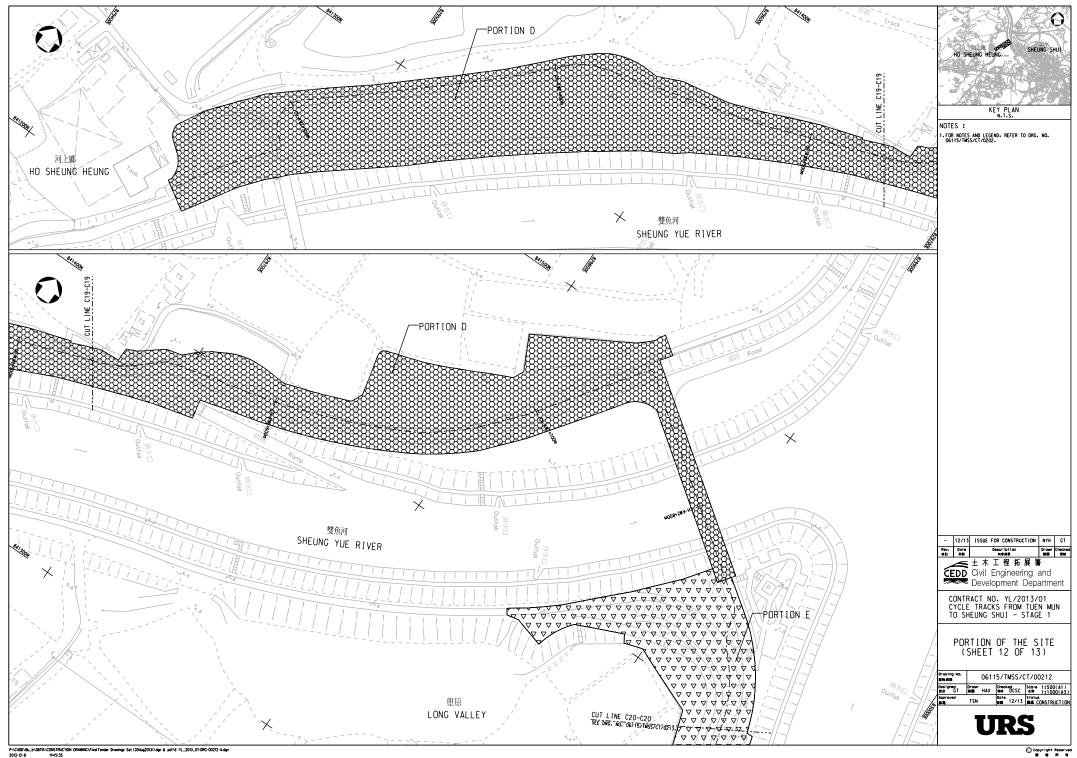
- 6.1.1 There was no complaint, summonses and notices reported in this reporting.
- 6.1.2 Several environmental issues have been identified by the ET during inspections including including mud trail was observed on public road, accumulated rubbish was found in the site, chemical containers were found without drip trays, construction materials were found too close to the trees in site and stockpile in site was observed dry.
- 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.

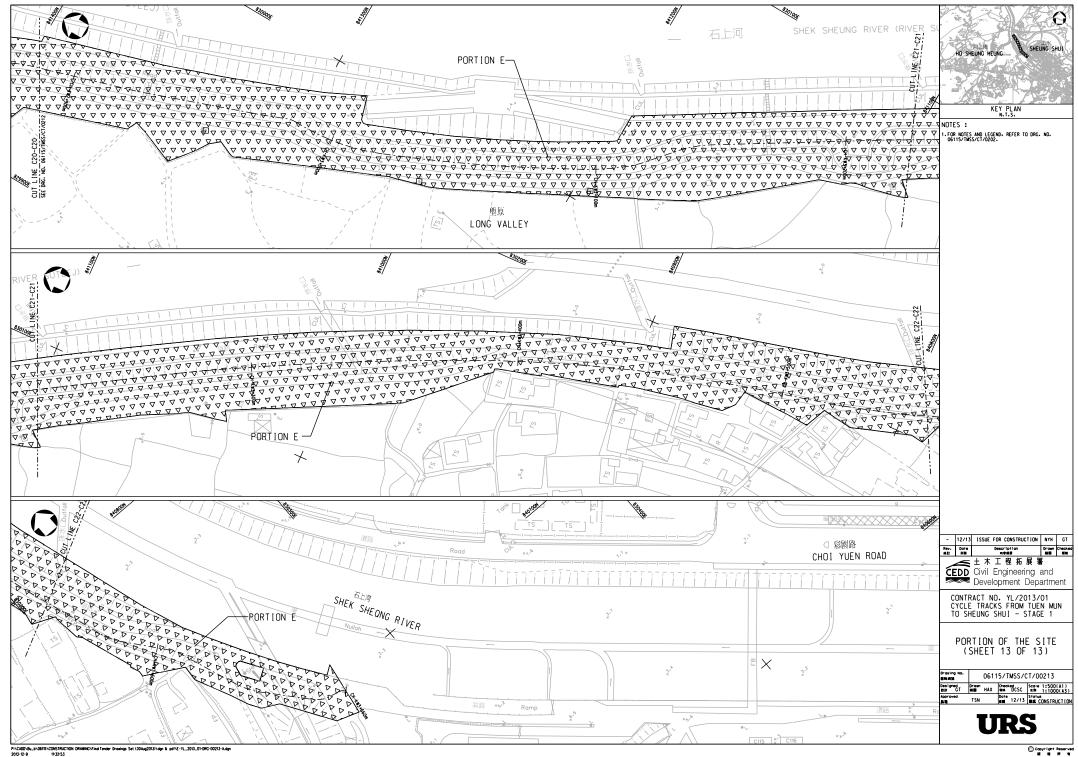


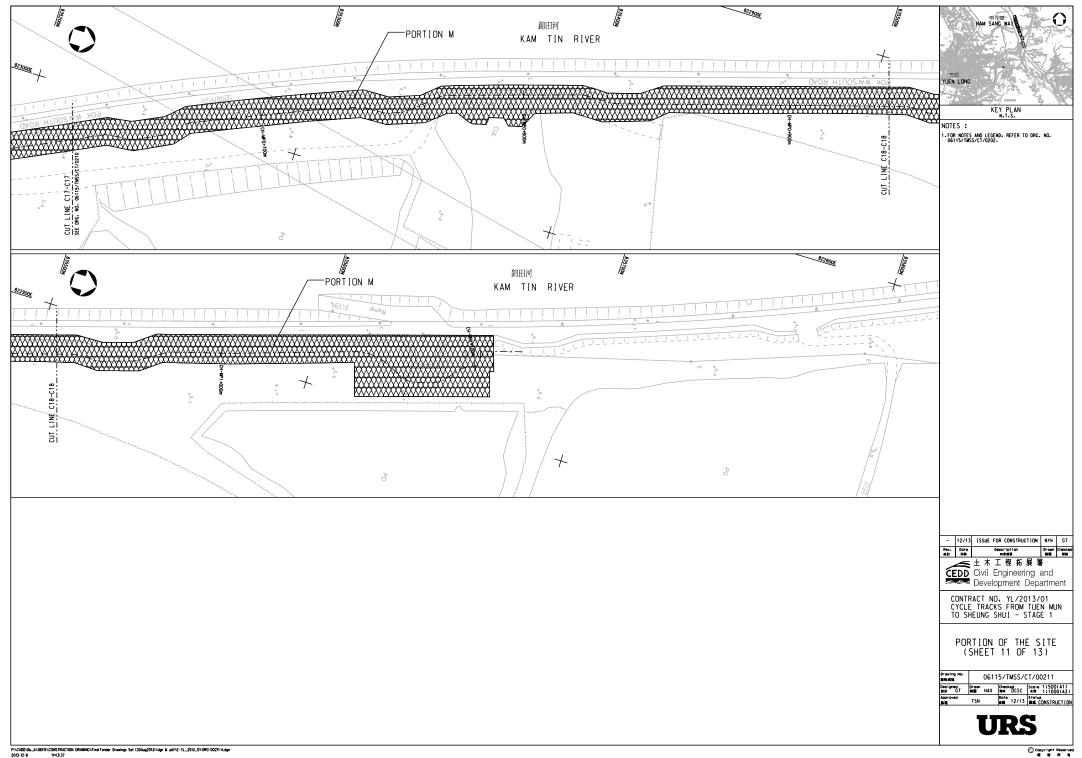


APPENDIX 1 SITE LAYOUT PLANS













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 0093	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

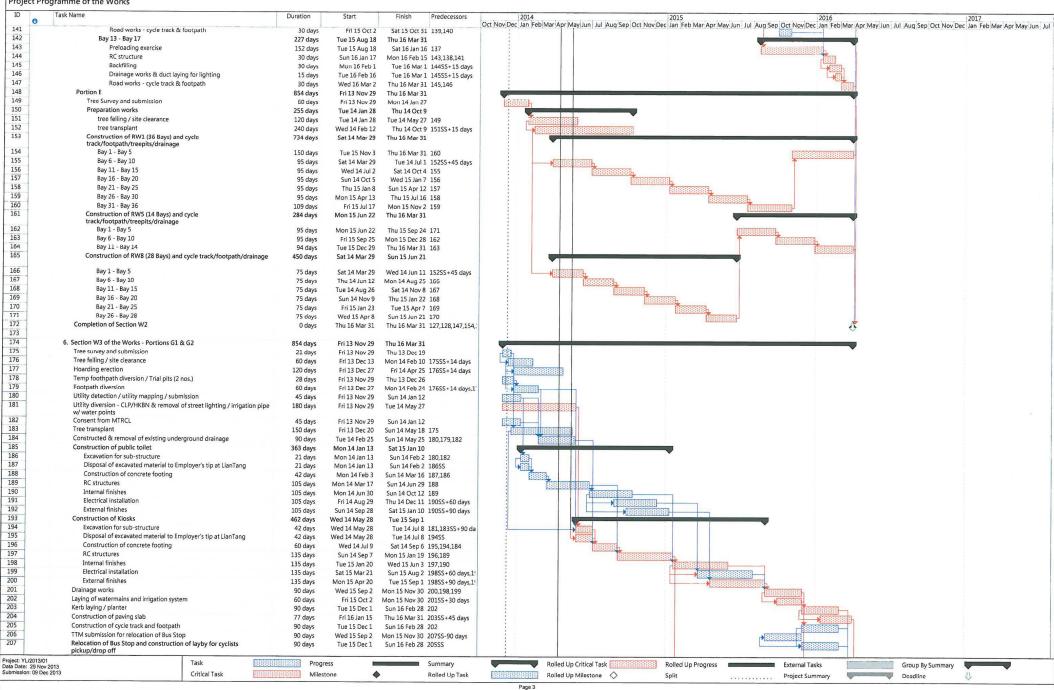
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

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 32'AT	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
					Page 2

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				
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	Nonderset
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
Uject: TL/2013/01	1055	riogr		Summary	
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 Contraction (1997)
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

DP Section EMA Report No 23 - Mar 2016 unhilighted 11-Apr-16

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

Weekly Environmental Walk Inspection Report		
Part I:		
Contract No. YL/2013/01	Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1	
Date of Inspection 3 May 2016	Time 9:30-12:30	
Persons making the inspection:		
Name in Block Letters	Designation	Signature
1. WK. TANG	Contractor's Agent (or his Representative)	= wft
2. Michael han	Environmental Officer (or Environmental Supervisor)	40
3. T. W. WONG	The Engineer's Nominated Site Representative	
4. ADAM ZHU	Environmental Team's Representative	23.
5 BONG YIT	ZEC Representative	
6		
7		
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shewing You River	Stappills in site was observed dry.	10 Mar 2016	10-3-2016	
2.	Shok Sheung River	Chemical antainers without drip than	12 Mar 2016	10-3-2016	
3.		was observed.			
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)

-

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. 78)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Dat	e of l	nspection: 3 May 2016	Time	9:30-12:30
	ather:			perature: 19.5° C
			<u>III/IIaZy</u> ICII	idity: <u>High/Moderate/Low</u>
Win		Calm/Light/Breeze/Strong	la .	ndity: <u>High/Moderate/Low</u>
	cation(Kivor	
Per	son(s)	making the inspection:		
Nat	ne in	Block Letters Designation		Organisation
1/	V.V	· TANG Contractor's Agent		Sang Hing – Kuly Joint Venture
	Min	HAM MAN Environmental Officer		Sang Hing – Kuly Joint Venture
-74			- Downeo ontotivo	
1-4	K. W	The Engineer's Nominated Site		AECOM Consulting Services Ltd.
	t JA	<u>M. 3H1</u> Environmental Team's Represe		AECOM Consulting Services Ltd.
~	12A	Independent Environmental Cl	necker (IEC)	Fugro (Hong Kong) Ltd.
_		Landscape Architect		Terra Studio Ltd.
			YES NO	N/A REMARK*
1	GENE		$(1 \land (1))$	
		Environmental Permit (EP) copy at place of work Environmental posters/notices at place of work		
	о. с.	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.		OLLUTION		11
	a.	Site Perimeter Hoardings provided as required Haul Road paved or kept wet		
	b. c.	Water spraying during loading and unloading of		
	U .	dusty material	() $()$	15
	d.	Exposed stockpile & dusty materials in storage	/	
		wetted or covered by tarpaulin as required		() Stockpiles in site was ubserved dry.
	e.	Dust suppression measures taken and/or dust Screen	16 ()	
	f.	erected for dusty site activities Wheel washing bays provided at site vehicle exits		
	1.	and maintained in good working order	$(\mathcal{N}, ())$	()
	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	$(\mathcal{N}(\mathcal{I}))$	
	k.	Black smoke emission control from site plant		
	l. m	No opening burning of debris on site Use of Ultra Low Surphur Diesel (ULSD) for		
	m	constructional plant and equipment	$(\Lambda ())$	()
	n.	Other: Please specify		
3	-	ERPOLLUTION		5.20
	a.	Tightly sealed closed grab excavator used for river channel excavation works	() $()$	1
	b.	River excavation works sections by sections as		
	0.	required	(V ())	(),
	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 Temporary drainage diversion provided as required		
	g. h.	Site runoff/wastewater discharge through silt traps or		
	n.	sedimentation tanks	$(\land ())$	()
	i.	Silt traps, sedimentation tank & drainages cleared		
	J	Sand bags provided at site entrance and around road	1. 6	
		gullies as necessary		
	k.	Water Discharge License applied as necessary		
	1.	Self-monitoring on site runoff/wastewater conducted as necessary	()	11
	m.	Chemical toilets provided as necessary		
	n.	Heavy Rainstorm Response Procedure displayed	FX ()	
	0.	Construction works adjacent to the fishponds near		1
		Kam Tin River and Long Valley should not be	1	
		undertaken in April to October		
	p.	Other: Please specify		()

			YES	NO	N/A	REMARK*
4.	NOIS	SE POLLUTION				
	a.	Temporary noise barriers installed at works area as needed	(L)	()	()	
	b.	Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(1)	
	с.	Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(L)	
	d.	Pneumatic percussive breakers fitted with sound mufflers	()	()	V	
	e.	Engine flap covers kept closed of construction plant during operations	()	()	N	
	f.	Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	4	
	g	Noise baffles/screens to noisy machines/site activities as necessary	12	(\cdot)	()	
	h.	Valid Construction Noise Permits (CNP) for works in restricted hours	()	()	(1)	
	i.	Full compliance with CNP conditions	()	()	IL	
	j.	Other: Please specify	()	()	()	
5.	WAS a.	TE MANAGEMENT Designated area for sorting and temporary storage of				
		C & D materials on site	45	()	()	
	b.	Proper sorting of inert and non-inert materials	4A	$\left(\right)$		
	c. d.	Recycle bins for recycling of different materials	12	$\langle \cdot \rangle$		
		Rubbish bins for general rubbish Measures taken to avoid cross contamination of	-	()	()	
	e.	different wastes	UX	· ()	()	
	f.	Disposed of regularly to avoid excessive accumulation	()	US	(
	g	Trip tickets and EPD chits duly completed and used in C & D waste disposal	N	()	()	
	h.	Registration as Chemical Waste Producer as required	IN	()	()	
	i.	Chemical wastes properly labeled and packaged	()	()	67	
	j.	Chemical wastes pending collection stored properly to avoid leakage	()	()	W	
	k.	Used trip tickets kept for chemical waste disposal	()	()	UN	
	1	Proper handling of contaminated soil samples in land		()	1 1	

- contamination investigation work Proper storage of contaminated soil samples in land contamination investigation work m.
- Emergency spillage procedure posted and correctly n. imp lemented
- 0. 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
- *To record the details of compliance for the checked items if applicable

oblan

de

7.

OTHER COMMENTS

a. b.

c.

Signed By

-Name & Title: Adam Environmental Team's me AZ C

16 Th ... Name & Title:

Engineer's Nominated Site Representative

Signed By

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>98</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
Item no. 2(d)	Rectified Date: 10 March 2016
Description: Stockpiles in site was observed dry.	Follow up Action Taken: Water spray had been provided for dust suppression.
Location: Sheung Yue River	
Item no. 5(o)	Rectified Date: 10 March 2016
Description: Chemical containers without drip tray was	Follow up Action Taken: Chemical containers had been
observed.	removed.
Location: Shek Sheung River	

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

Weekly Environmental Walk Nog (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 $\frac{9/3}{2016}$	Time 9:20-12:20	
Persons making the inspection:		
Name in Block Letters 1. W.K. TANG. 2. M.M. Wang 3. Mem (ang 4. Adam. 2hu 5.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature P.C-

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	KAMTIN RIVER	Chemical Containers vere foust victore	16 Mar 2016	16-3-2016	
2.	0	drip thays in site			
3.	Shak showing piner	Consunction materials upre fond too close	16 Mar 2016	16-3-2016	
4.		to the tree (in site			
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative	Contractor's Agent or his Representative [']
Part II: (To be countersigned after ALL actions are completed)	
Contractor's *Environmental	
Officer/Assigned Person	The Environmental Team's Representative
Date	Date

Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No.77) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Date of Inspect	
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy
Wind:	Calm/Light/Breeze/Strong
Location(s):	KAMPINON, Shing Yue River, She

Time $\underline{9:30-12:30}$ Temperature: $\underline{20.3}$ °C Humidity: High/Moderate/Low shoung kiver

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

Fugro (Hong Kong) Ltd. Terra Studio Ltd.

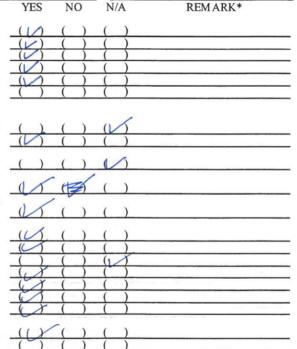
Organisation

Person(s) making the inspection:

renound) manning the mo	peerion
Name in Block Letters	Designation
W.F. TANG	Contractor's Agent
MICHAEL WAN	Environmental Officer
USATANG	The Engineer's Nominated Site Representative
Adam 2411	Environmental Team's Representative
	Independent Environmental Checker (IEC)
	Landscape Architect

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. 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 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. 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 Other: Please specify n.
- WATER POLLUTION 3
 - Tightly sealed closed grab excavator used for river a. channel excavation works
 - b. River excavation works sections by sections as required
 - Splashing of sediment avoided during transfer c. d.
 - Floating debris in river cleared
 - Leakage from plant & vessel avoided e.
 - 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 J Sand bags provided at site entrance and around road gullies as necessary
 - Water Discharge License applied as necessary k.
 - 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
 - p. Other: Please specify





Page 1 of 3

4. NOISE POLLUTION

a. Temporary noise barriers installed at works area as needed

YES

NO

N/A

REMARK*

- Noisy plant and equipment sited away from noisy sensitive receiver as possible
- c. Air Compressors and portable percussive breakers with Noise Emission Labels
- d. Pneumatic percussive breakers fitted with sound mufflers
- e. Engine flap covers kept closed of construction plant during operations
- f. Excavator breaker tip wrapped with sound insulating material for breaking work
- g. Noise baffles/screens to noisy machines/site activities as necessary
- h. Valid Construction Noise Permits (CNP) for works in restricted hours
- i. Full compliance with CNP 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 contamination investigation work
- 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

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

7.

OTHER COMMENTS a

b. c.

Signed By

Name & Title: Environmental Team's am. 2m ABC

Name & Title: Engineer's Nominated Site Representative

Signed By

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>99</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 20 (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 $16 - 3 - 20/6$	Time 9-20-12:20	
Persons making the inspection:		
Name in Block Letters	Designation	Signature
1. W.K. TANG	Contractor's Agent (or his Representative)	- what
2. MICHAEL WAN	Environmental Officer (or Environmental Supervisor)	- the
3. INALITANG	The Engineer's Nominated Site Representative	Chin
4. ADAM ZHIA	Environmental Team's Representative	
5. RONG YU	IEC. Rep.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
6.		
7		
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Sheing Yue River	Rubrish was observed accumulated in site	23-3-2016	23-3-2016	
2.	Jok shang River	Chami calculore observed without duty trays.	2-3-206	23-3-2016	
3.		antchets			
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative	Contractor's Agent or his Representative	
Part II : (To be countersigned after ALL actions are completed) Contractor's *Environmental		
Officer/Assigned Person	The Environmental Team's Representative	
Date	Date	<u> </u>

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

Date of Inspectio	m: 16-3-2016	Time $\frac{9:30-12:30}{2:30}$
Weather:	Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Temperature: <u>15.1-</u> ⁰ C
Wind:	Calm/Light/Breeze/Strong	Humidity: High/Moderate/Low
Location(s):	CAMTIN RUBE SHEUNG YUZRI	VER. CHEN SHEUNG K

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
W.K. TANG	Contractor's Agent	Sang Hing - Kuly Joint Venture
MICHAN MAN	Environmental Officer	Sang Hing - Kuly Joint Venture
TLAN TANG	The Engineer's Nominated Site Representative	AECOM Consulting Services Ltd.
ADAM ZHIL	Environmental Team's Representative	AECOM Consulting Services Ltd.
BONG YU	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.
	Landscape Architect	Terra Studio Ltd.

YES

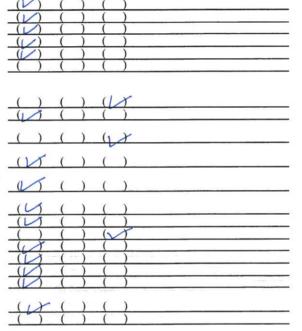
NO

N/A

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

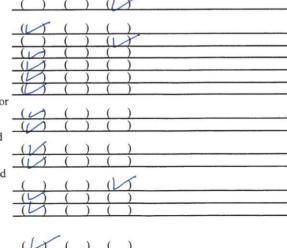
2. AIR POLLUTION

- 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 and maintained in good working order f Vehicle wheels washed before leaving site g
- ĥ. Dump trucks fitted with mechanical tarpaulin cover
- Dusty loads on vehicles covered by tarpaulin i.
- Vehicle speed control (8KM/hr) on site
- j.
- k. Black smoke emission control from site plant No opening burning of debris on site 1
- Use of Ultra Low Surphur Diesel (ULSD) for m
- constructional plant and equipment Other: Please specify n.
- WATER POLLUTION 3
 - Tightly sealed closed grab excavator used for river 2 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
 - Silt traps, sedimentation tank & drainages cleared i. J Sand bags provided at site entrance and around road
 - gullies as necessary
 - k. Water Discharge License applied as necessary
 - Self-monitoring on site runoff/wastewater conducted 1. as necessary
 - 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
 - p. Other: Please specify



SHEUNG REVER

REM ARK*



	NOV		YES	NO	N/A	REM ARK*
		<u>SE POLLUTION</u>				
	a.	Temporary noise barriers installed at works area as needed	15	()	()	
	b.	Noisy plant and equipment sited away from noisy		()		
		sensitive receiver as possible	()	()	(LS	
	c.	Air Compressors and portable percussive breakers				·
		with Noise Emission Labels	()	()		
	d.	Pneumatic percussive breakers fitted with sound mufflers	$\langle \rangle$	()	()	
	0	Engine flap covers kept closed of construction plant		()		
	e.	during operations	()	()	1	
	f.	Excavator breaker tip wrapped with sound insulating material for breaking work		()	10	i
	g.	Noise baffles/screens to noisy machines/site activities				
	h.	as necessary Valid Construction Noise Permits (CNP) for works in	1	()	()	
		restricted hours	()	()	(1)	
	1.	Full compliance with CNP conditions	()	()	(1)	
	j.	Other: Please specify	()	()	()	
	WAS	TE MANAGEMENT				
	a.	Designated area for sorting and temporary storage of				
	u.	C & D materials on site	UX	()	()	
	b.	Proper sorting of inert and non-inert materials	(1)		$\left(\right)$	
	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	(1)	()	()	· · /
	f.	Disposed of regularly to avoid excessive accumulation	()	01	()	Rubbish was observed accumula
	g.	Trip tickets and EPD chits duly completed and used				IN SHE.
	0	in C & D waste disposal	US	()	()	
	h.	Registration as Chemical Waste Producer as required	(1)	()	()	
	i.	Chemical wastes properly labeled and packaged	()	()	(1)	
	j.	Chemical wastes pending collection stored properly	10			
		to avoid leakage	()	()	(1)	
	k.	Used trip tickets kept for chemical waste disposal	(()	())	
	l	Proper handling of contaminated soil samples in land contamination investigation work	()	()	(1)	
	m.	Proper storage of contaminated soil samples in land	()	()		
	m.	contamination investigation work	()	()	11	
	n.	Emergency spillage procedure posted and correctly				
		implemented	15	()	()	
	0.	Other: Please specify	()	(1)	()	Chamical Contrary were to obse
						without drip frags
	OTH					to property .
	a.	Existing trees and vegetation maintained and	()			
	h	protected as required	(1)	()	()	and a second
	b.	Materials & Plant kept way from existing trees and vegetation	4	()	()	
	c.	Topsoil conserved and re-use in landscape works	0			
	d.		(1)	()	()	
		Night-time lighting controlled to minimize glare	()	()	()	
	e.	In situ compensation planting should occur at the				
		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.	IT	()	()	
	g.	Others: Please specify	()	$\overline{()}$		1000 a
	9	in the opening				*To record the details of
						compliance for the checked
1	отн	ER COM MENTS				items if applicable
_						
_						
_						
	~.	gned By	Signed	D		

Name & Title: Adam Zhu ET. Environmental Team's Representative

Name & Title: Iran (ong (1/1000) 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>100</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>



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

Weekly Environmental Walk Inspection Report		
Part I :		
Contract No. YL/2013/01	Contract Title Cycle Track from Tuen Mun to Sheung Shui – Stage 1	
Date of Inspection 22-3-2016	Time $9 : 2_0 = 12 : 2_0$	
Persons making the inspection:		
Name in Block Letters 1. $M \cdot K \cdot TANG$ 2. $MZCHAEL WAN$ 3. $Z VAN TANG$ 4. $ADAN TANG$ 5.	Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature 7W-fh (++++++++++++++++++++++++++++++++++++
8.		

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Mud fraz was observed on public Rog	1 30-3-2016	30-3-2016	
2.	Shewig Yne Ring	Pubbit was beened acommulated in site	30-3-2016	30-3-2016	
3.	U				
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative	Contractor's Agent or his Representative To With
Environmental Team's Representative	Landscape Architect
Adam. Hu	
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/) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

Date of Inspection	23-3-2016		Time
	Sunny/Fine/Overcast/Drizz	e/Rain/Storm/Hazy	Temperature: <u>18.6</u> °C
Wind:	Calm/Light/Breeze/Strong		Humidity: High/Moderate/Low
Location(s):	KAM TZN RZVBR	SHEWING YVE RIV	BR. SHEK SHELLING. RZVER

Person(s) making the inspection:

n(s) making the hisp	cetton.
in Block Letters	Designation
K.TANG	Contractor's Agent
CHAM MASH	Environmental Officer
NTANG	The Engineer's Nominated Site Representative
6AM ZHU	Environmental Team's Representative
	Independent Environmental Checker (IEC)
	Landscape Architect
	YES NO

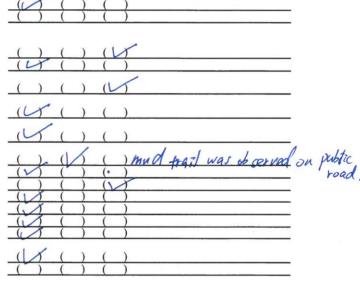
<u>GENERAL</u>

Name W·

- 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

3 WATER POLLUTION

- a. Tightly sealed closed grab excavator used for river channel excavation works
- 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
- Sand bags provided at site entrance and around road gullies as necessary
 Water Discharge License applied as necessary
- k. Water Discharge License applied as necessary
 l. Self-monitoring on site runoff/wastewater cond
- 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



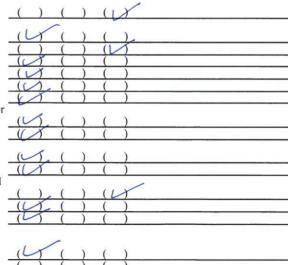
Organisation

N/A

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.



4. NOISE POLLUTION

- a. Temporary noise barriers installed at works area as needed
- Noisy plant and equipment sited away from noisy sensitive receiver as possible
- c. Air Compressors and portable percussive breakers with Noise Emission Labels
- d. Pneumatic percussive breakers fitted with sound mufflers
- e. Engine flap covers kept closed of construction plant during operations
- f. Excavator breaker tip wrapped with sound insulating material for breaking work
- g. Noise baffles/screens to noisy machines/site activities as necessary
- h. Valid Construction Noise Permits (CNP) for works in restricted hours
- i. Full compliance with CNP 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
- j. Chemical wastes pending collection stored properly to avoid leakage
 k. Used trin tickets kent for chemical waste disposal
- k. Used trip tickets kept for chemical waste disposal
 l. 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 glaree. 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

b. C.

7.

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Signed By

Name & Title: Jam 2m. 77 Environmental Team's Representative Name & Title:

Signed By

YES

NO

N/A

REM ARK*

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in Site

Name & Title: ZUANTANG (ALOW) Engineer's Nominated Site Representative)

*To record the details of compliance for the checked items if applicable 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>101</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. 24 for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Time $7:20 - 12:30$	
Designation Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative Environmental Team's Representative	Signature
	Contractor's Agent (or his Representative) Environmental Officer (or Environmental Supervisor) The Engineer's Nominated Site Representative

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	KAMTIN RIVER	Mull trail was observed on public wad	7-4-2016	7-10-2016	
2.					
<u>3.</u> 4.					
5.					
6.					
7.					10012000
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) 1 -

The Engineer's Nominated Site Representative	Contractor's Agent or his Representative Wy/L Landscape Architect
Contractor's *Environmental Officer/Assigned Person Date	The Environmental Team's Representative Date

Civil Engineering and Development Department Contract No. YL/2013/01 Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1 Weekly Environmental Walk (No. 62) (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) Environmental Inspection Checklist

YES

NO

N/A

Date of Inspection: 3-3. 7016 Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Wind: Calm/Light/Breeze/Strong SHEUNG YUE KINR. SHEK SHELING REVER Location(s): AM TIN RULP

Time $\frac{9-30-12:30}{12:30}$ Temperature: $\frac{20:3}{C}$ Humidity: <u>High/Moderate/Low</u>

Person(s) making the inspection.

reison(s) naking the inspection.					
Name in Block Letters	Designation	Organisation			
W.K. TANG	Contractor's Agent	Sang Hing - Kuly Joint Venture			
MAZCHAZI. MAN	Environmental Officer	Sang Hing - Kuly Joint Venture			
ZIAN TANG	The Engineer's Nominated Site Representative	AECOM Consulting Services Ltd.			
ADAM ZHU	Environmental Team's Representative	AECOM Consulting Services Ltd.			
	Independent Environmental Checker (IEC)	Fugro (Hong Kong) Ltd.			
	Landscape Architect	Terra Studio Ltd.			

- GENERAL 1
 - Environmental Permit (EP) copy at place of work a
 - Environmental posters/notices at place of work b.
 - 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 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.
- Dump trucks fitted with mechanical tarpaulin cover h.
- i. Dusty loads on vehicles covered by tarpaulin Vehicle speed control (8KM/hr) on site
- j.
- 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
- Other: Please specify n.

WATER POLLUTION 3

- Tightly sealed closed grab excavator used for river a. 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
- e. Leakage from plant & vessel avoided f.
- Wheel washing bay desilted regularly
- Temporary drainage diversion provided as required g. Site runoff/wastewater discharge through silt traps or h. 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.

(1 vas observed on public bad. was observed in public togot

REMARK*



4 NOISE POLLUTION

Temporary noise barriers installed at works area as a. needed

YES

T

NO

N/A

REMARK*

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

WASTE MANAGEMENT 5.

- Designated area for sorting and temporary storage of a. C & D materials on site
- Proper sorting of inert and non-inert materials h
- Recycle bins for recycling of different materials C.
- d. Rubbish bins for general rubbish
- Measures taken to avoid cross contamination of e. different wastes
- f. Disposed of regularly to avoid excessive accumulation
- Trip tickets and EPD chits duly completed and used g in C & D waste disposal
- Registration as Chemical Waste Producer as required h.
- Chemical wastes properly labeled and packaged i.
- j. Chemical wastes pending collection stored properly to avoid leakage
- k. Used trip tickets kept for chemical waste disposal Proper handling of contaminated soil samples in land 1. contamination investigation work
- Proper storage of contaminated soil samples in land m. contamination investigation work
- Emergency spillage procedure posted and correctly n. imp lemented
- 0. Other: Please specify
- OTHERS 6

Existing trees and vegetation maintained and a. protected as required

- b. Materials & Plant kept way from existing trees and vegetation
- c. Topsoil conserved and re-use in landscape works
- d. Night-time lighting controlled to minimize glare
- e. In situ compensation planting should occur at the Information Kiosk and R9

f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum. Others: Please specify g

7.

- OTHER COMMENTS
- a b.

C

Signed By

Name & Title: Aclam 24 GT. Environmental Team's Representative

Signed By

*To record the details of

items if applicable

compliance for the checked

Name & Title: ZUAN TANG. Szow. 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>102</u> (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River) <u>Environmental Inspection Checklist</u>

