FUGRO (HONG KONG) LIMITED CONSULTING ENGINEERS

7/F., Guardian House, 32 Oi Kwan Road, Wanchai, Hong Kong Tel : +852 2577 9023 Fax : +852 2895 2379 Email : fugro@fugro.com.hk



FAX MESSAGE

Priority	□ normal / □ urgent						
То	AECOM Consulting Services Limited	Ref. No.	MCLF33	76			
Country		Email	rodney.ip	@aecom.com			
Attn.	Mr. Rodney Ip	Date	25 Septe	mber 2015			
-	Calla Villa	No. of	A	and appropriate the part of the Colon Colo			
From	Colin Yung	Pages		(Incl. this page)			
C.c. To	Mr. Vincent Kwan (AECOM Consulting Services Limited)	Email	vincent.k	wan@aecom.com			
	Agreement No. CE 22/2006 (HY)						
	Cycle Tracks Connecting North West New	Territories wit	.h				
Subject	North East New Territories – Investigation, Design and Construction						
	Contract No. YL/2013/01 (Cycle Tracks from	m Tuen Mun to	Sheung S	Shui - Stage 1) –			
	Monthly Environmental Monitoring & Audi	t Report for Au	igust 2015	,			

We refer to the Monthly EM&A Report Rev. 0 for August 2015 that we received through email on 25 September 2015 and are pleased to verify the captioned submission is in accordance with Condition 3.5 of the EP-450/2013.

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

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

Best Regards,

Colin Yung

Independent Environmental Checker

CY/VC/by

CONFIDENTIALITY NOTICE

This facsimile transmission is intended only for the use of the addressee and is confidential. If you are not the addressee it may be unlawful for you to read, copy, disclose or otherwise use the information in this facsimile. If you are not the intended recipient, please telephone or fax us immediately.

(If you do not receive all pages, please fax response or phone +852-24508238.)



Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

Monthly EM&A Report for August 2015

(Designated Project Works Area)







REVISION SCHEDULE						
Rev	Date	Details	Prepared by	Reviewed by	Approved by	
0	14 Sep 2015	EM&A Report No. 16 - Aug 2015	Dorathy Choi	Rodney Ip	Harold Insley	
		Signature		Body.	of Meny	

REVISION RECORD							
Rev	Date	Details	Prepared by	Reviewed by	Approved by		
0	14 Sep 2015	EM&A Report No. 16 - Aug 2015	Dorathy Choi	Rodney Ip	Harold Insley		

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

This document has been prepared in accordance with the scope of the appointment of AECOM Consulting Services Ltd ("ACSL") with its client and is subject to the terms of that appointment. It is addressed to and for the sole and confidential use and reliance of ACSL's client. ACSL accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided. No person other than the client may copy (in whole or in part) use or rely on the contents of this document, without the prior written permission of ACSL (including, without limitation, in the form of a reliance letter) herein or in a separate document. Any advice, opinions, or recommendations within this document should be read and relied upon only in the context of the document as a whole. The contents of this document do not provide legal or tax advice or opinion.

© 2015 AECOM Consulting Services Ltd





TABLE OF CONTENTS

EXEC	UTIVE SUMMARY	1
1 1.1 1.2	BASIC PROJECT INFORMATION Introduction Project Organization and Management	4
2 2.1	SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS Works Undertaken during the Reporting Month	
3 3.1 3.2	STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS Environmental Requirements	9
4	SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES	14
5	CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMED ACTION	
6	CONCLUSIONS	16

LIST OF TABLES

- Table 2.1 Work Activities for This Reporting Month
- Table 2.2 Planned Activities for the Coming Two Months (September & October 2015)
- Table 3.1 Summary of Quantities of Waste for Disposal in this Reporting Month
- Table 3.2 Summary of Findings from Site Inspections
- Table 4.1 Summary of Environmental Permits/ Licenses

LIST OF FIGURE

Figure 1 Organization Chart of ET





LIST OF APPENDICES

APPENDIX 1 - SITE LAYOUT PLANS

APPENDIX 2 - CONSTRUCTION PROGRAMME

APPENDIX 3 – THE CONTACT DETAILS OF KEY PERSONNEL OF THE PROJECT

APPENDIX 4 – CUMULATIVE LOG OF COMPLAINTS

APPENDIX 5 - WEEKLY ENVIRONMENTAL WALK RECORDS

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. 16 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 August 2015.

Construction Progress

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

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

Site Inspections

Environmental site inspections were conducted on 6, 12, 18 and 26 August 2015.

Several environmental issues have been identified by the ET during inspections including not well enclosing the exposed stockpile & dusty materials in storage near the river, presence of stagnant water, stocking of materials & stockpiles next to trees, chemical leakage from machines, improper storage of empty chemical containers pending collection, improper disposal of empty chemical containers & materials at U-shaped channel, and not well covering or wetting the exposed stockpile and dusty materials.

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 September 2015 of the Project consist of:

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

Reporting Changes

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

Future Key Issues

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

- Protection of trees;
- Production of solid waste:
- Production of dust;
- Production of noise; and





• Production of site run off





1 BASIC PROJECT INFORMATION

1.1 Introduction

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



1.2 Project Organization and Management

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

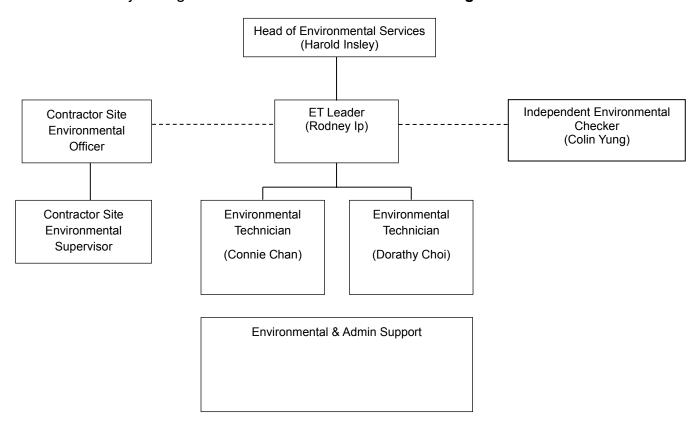


Figure 1 Organization Chart of ET





2 SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS

2.1 Works Undertaken during the Reporting Month

- 2.1.1 The main construction works in this reporting month relate to backfilling of retaining wall, installation of bicycle parapet, backfilling and construction of cycle track, drainage, fill slope, resting station and retaining wall.
- 2.1.2 A summary of the works in this reporting month, with the information of locations, activities, equipment/materials and dates of occurrence, is provided by the Contractor, as shown in **Table 2.1**. Locations can be referred to **Appendix 1**.

Table 2.1 Work Activities for This Reporting Month

Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion D (Sheung Yue River)	 Backfilling of Retaining Wall Construction of Drainage Installation of Bicycle Parapet 	 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 Retaining Wall (Concreting, Formworks, Steelworks Backfilling of Retaining Wall Construction of Drainage Installation of Bicycle Parapet 	 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 Construction of Retaining Wall (Concreting, Formworks, Steelworks) 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 (September & October 2015). The anticipated environmental issues are summarised as follows:

Table 2.2 Planned Activities for the Coming Two Months (September & October 2015)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	 Backfilling of Retaining Wall 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

7





Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion E (Shek Sheung River)	 Construction of Retaining Wall (Concreting, Formworks, Steelworks) Backfilling of Retaining Wall 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
Portion M (Kam Tin River)	 Construction of Retaining Wall (Concreting, Formworks, Steelworks) Construction of Cycle Track 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

2.1.4 The site inspection schedule for the next month (September 2015) is designated on 1 September (Tue), 9 September (Wed), 16 September 2015 (Wed), 23 September (Wed) and 29 September (Tue).





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.

Noise

- 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)	0.119		
	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)	0.119		
	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)	0.01		

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 3.2 Summary of Findings from Site Inspections

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	6 August 2015	Kam Tin River	Exposed stockpile & dusty materials in storage near the river are not well enclosed		12 August 2015
2	6 August 2015	Kam Tin River	Stagnant water was noted	Refers to Item 5	18 August 2015
3	6 August 2015	Kam Tin River	Material & Stockpile were stocked next to trees	Relocated the material and stockpile from trees	12 August 2015
4	6 August 2015	Sheung Yue River	Chemical leakage from machine	Refers to Item 10	25 August 2015
5	12 August 2015	Kam Tin River	Stagnant water was noted	The stagnant water is removed	18 August 2015
6	12 August 2015	Sheung Yue River	Exposed stockpile & dusty materials were not well covered or wetted	The exposed stockpile and dusty materials were removed	18 August 2015
7	12 August 2015	Shek Sheung River	Stagnant water was noted	The stagnant water is removed	18 August 2015
8	18 August 2015	Kam Tin River	Exposed stockpile & dusty materials in storage near the river were not well enclosed	None – Follow-up action is required	N/A
9	18 August 2015	Kam Tin River	Empty chemical container disposed at U-shaped channel	Refers to Item 13	31 August 2015





10	18 August 2015	Sheung Yue River	Chemical leakage from machine	The machines with chemical leakage is removed from the site	25 August 2015
11	18 August 2015	Kam Tin River	Materials & stockpiles were stocked next to trees	Refers to Item 14	31 August 2015
12	26 August 2015	Kam Tin River	Empty chemical containers pending collection are not stored properly	Empty chemical containers are removed from the site	31 August 2015
13	26 August 2015	Kam Tin River	Empty chemical containers and materials disposed at U-shaped channel	The Empty chemical containers and materials disposed at U-shaped channel are removed	31 August 2015
14	26 August 2015	Kam Tin River	Materials and stockpile were stocked next to trees	Materials and stockpiles are removed from trees	31 August 2015
15	26 August 2015	Kam Tin River	Empty chemical containers and materials disposed at U-shaped channel	None –Follow-up action is required	N/A





4 SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES

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

Table 4.1 Summary of Environmental Permits/ Licenses

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





- 5 CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMEDIAL ACTION
- 5.1.1 There was no complaint, summonses and notices reported in this reporting month. The cumulative log of complaints, notices and summons is provided in Appendix 4.





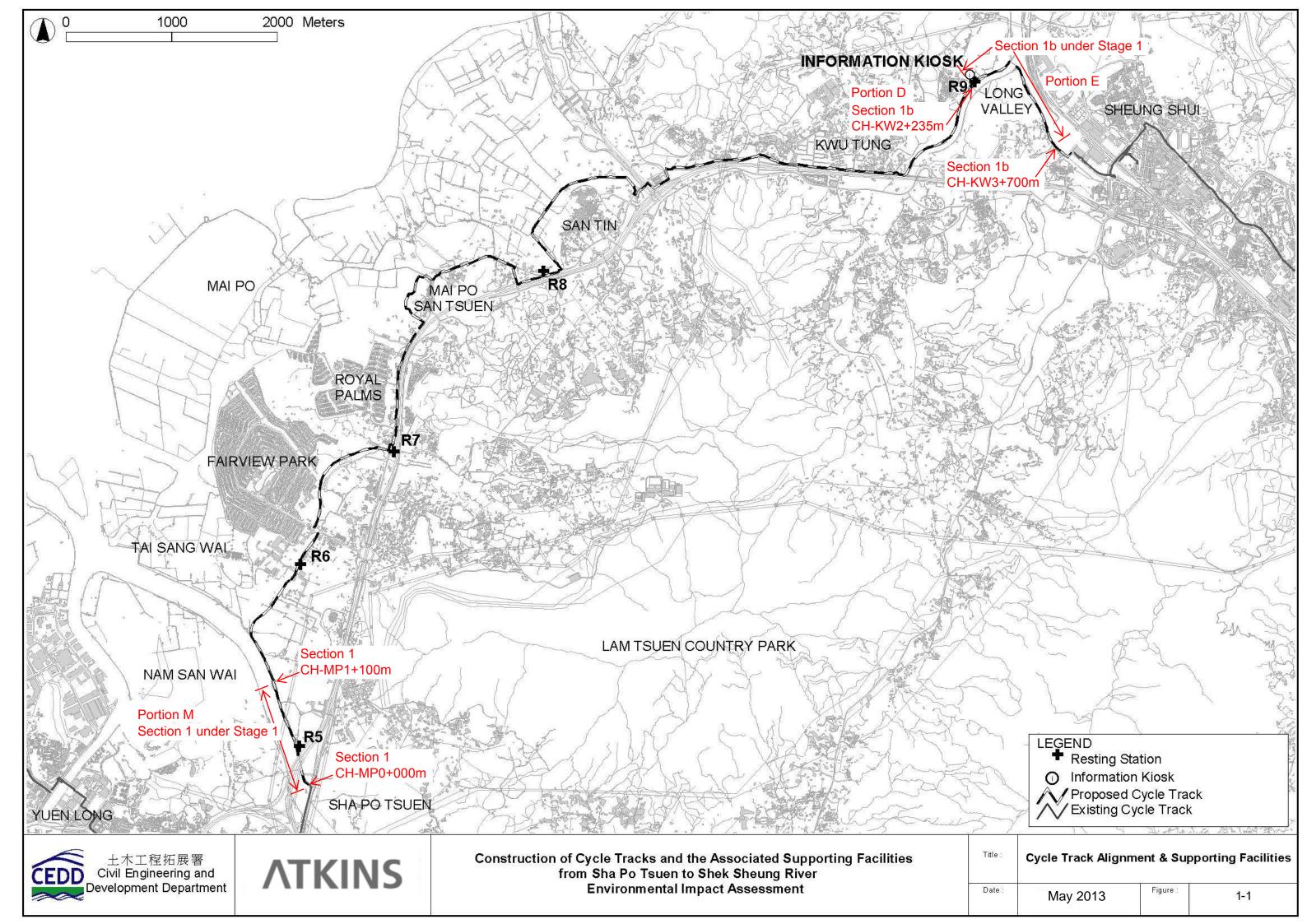
6 CONCLUSIONS

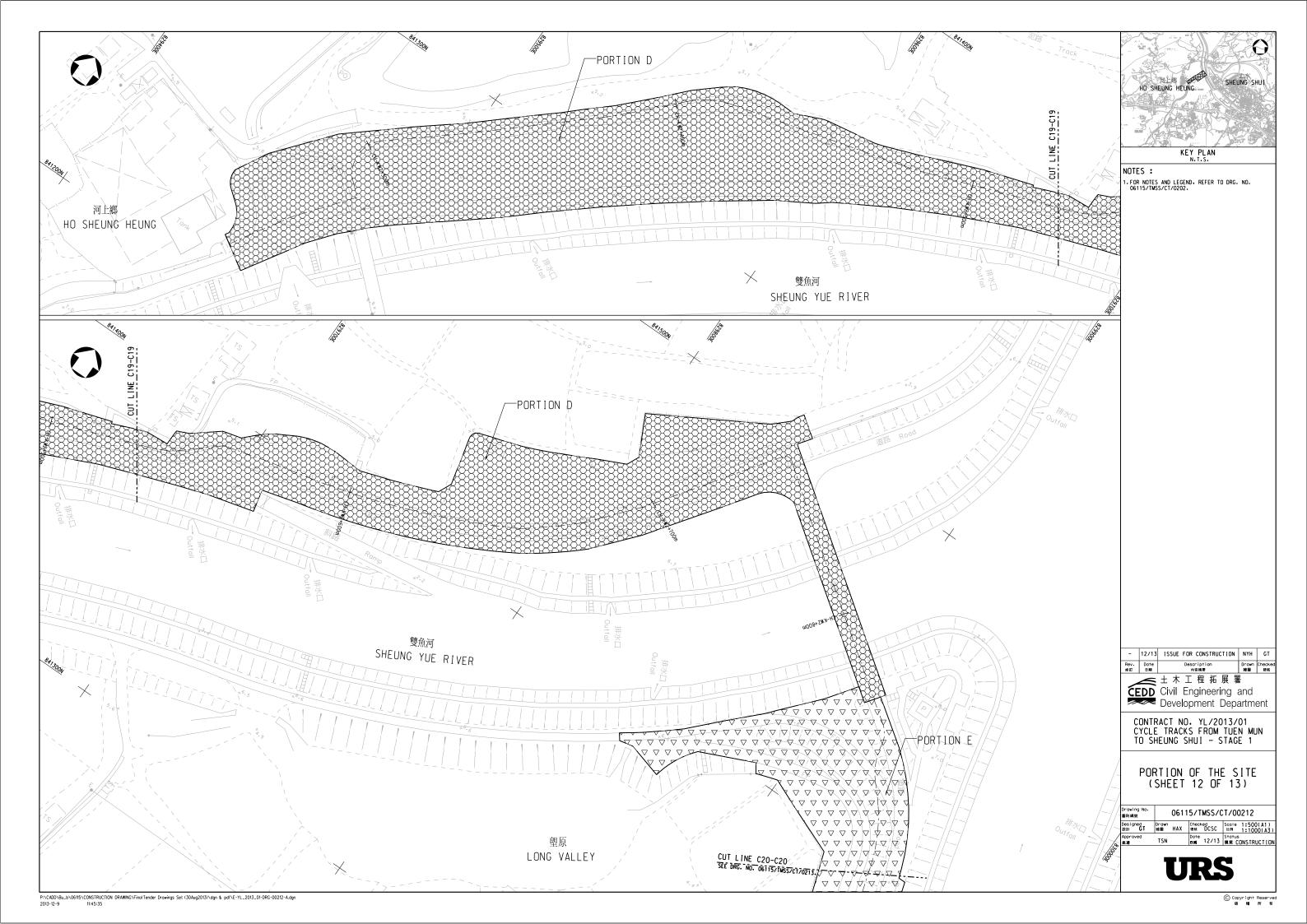
- 6.1.1 There was no complaint, summonses and notices reported in this reporting.
- 6.1.2 Several environmental issues have been identified by the ET during inspections including not well enclosing the exposed stockpile & dusty materials in storage near the river, presence of stagnant water, stocking of materials & stockpiles next to trees, chemical leakage from machines, improper storage of empty chemical containers pending collection, improper disposal of empty chemical containers & materials at U-shaped channel, and not well covering or wetting the exposed stockpile and dusty materials.
- 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.

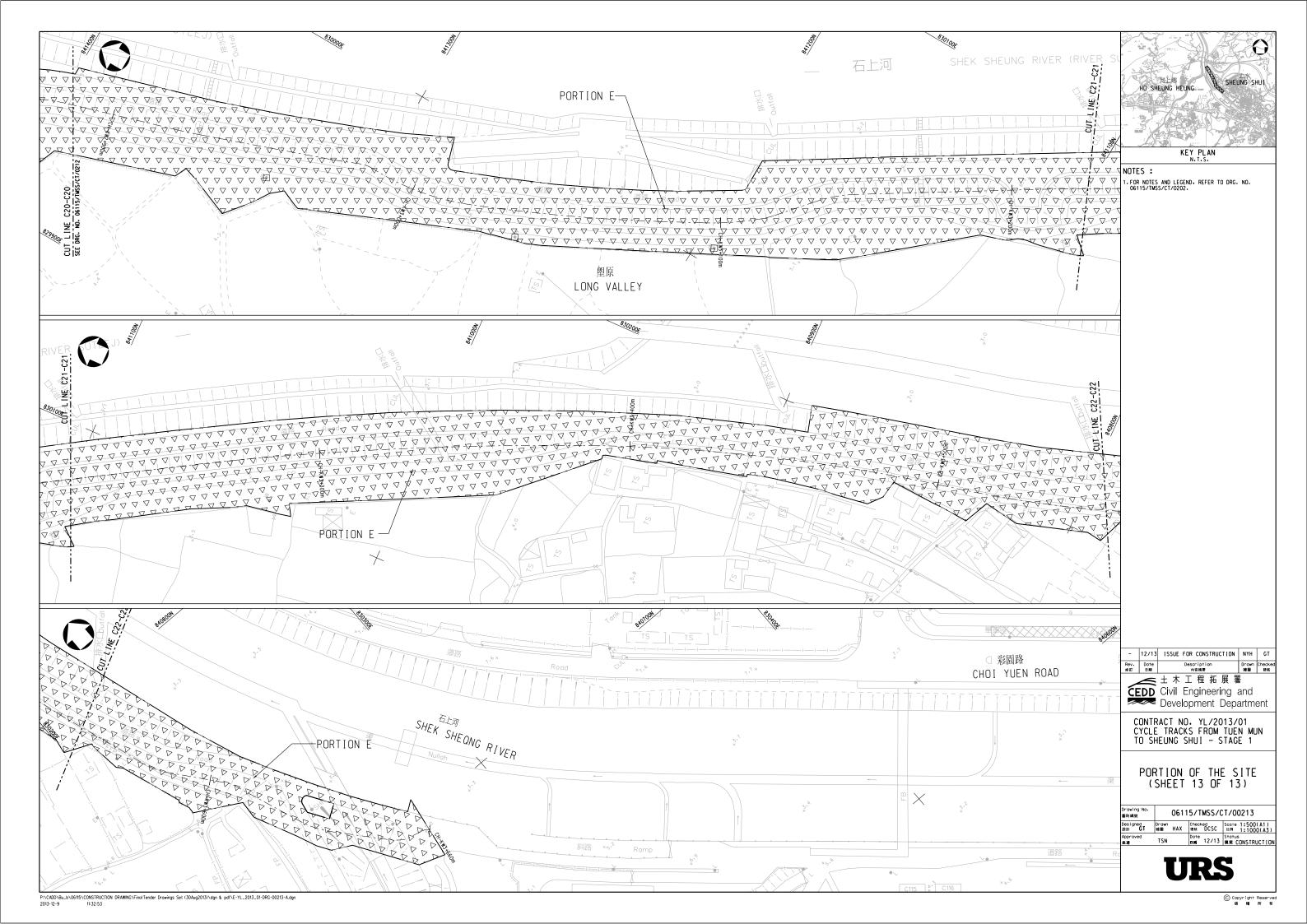


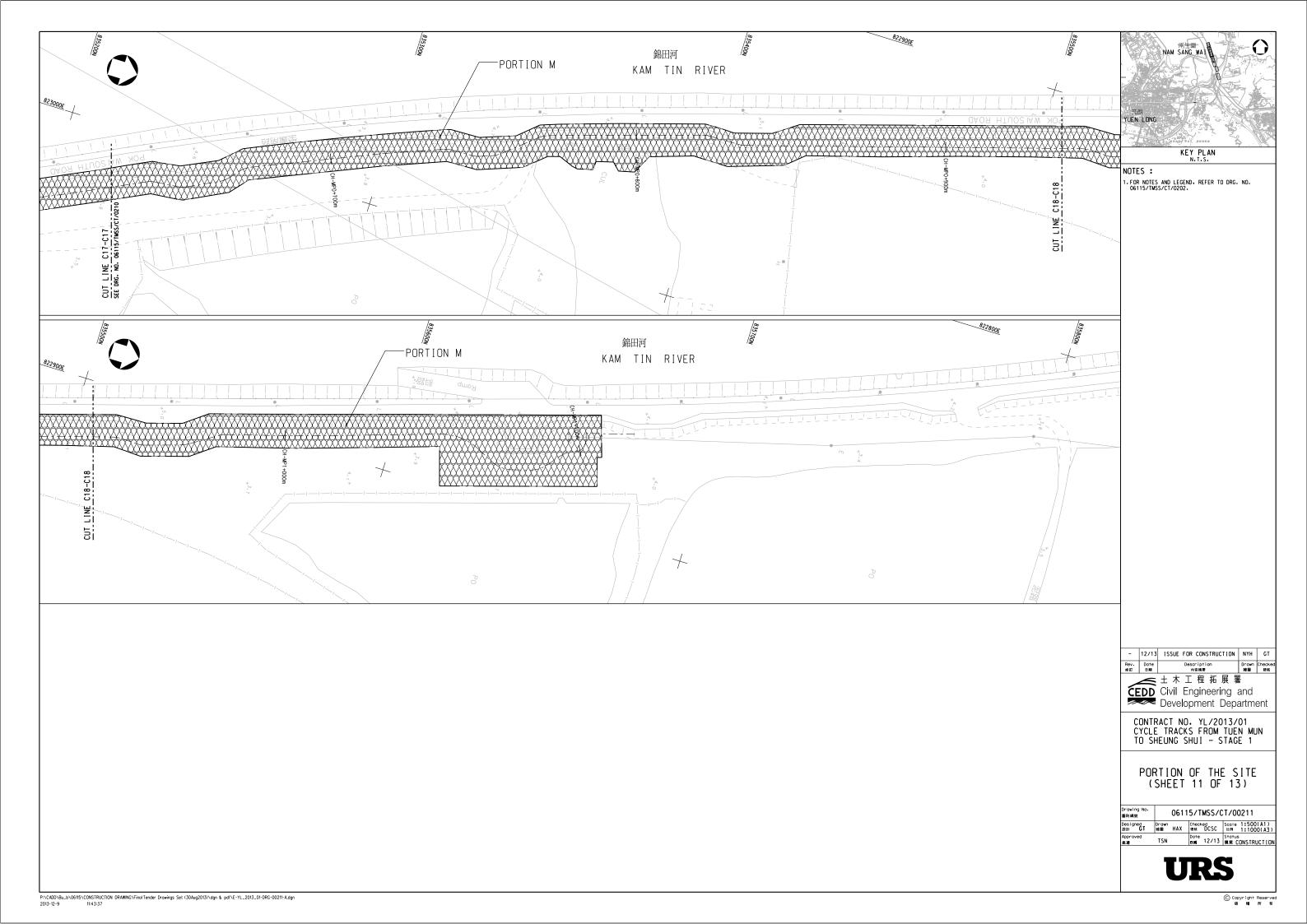


APPENDIX 1 SITE LAYOUT PLANS













APPENDIX 2 CONSTRUCTION PROGRAMME

Rolled Up Progress

Group By Summary

Deadline

Project Summary

Rolled Up Critical Task

Page 1

Rolled Up Milestone 🔷

Summary

Rolled Up Task

Progress

Milestone

•

Project: YL/2013/01 Data Date: 29 Nov 2013

Submission: 09 Dec 2013

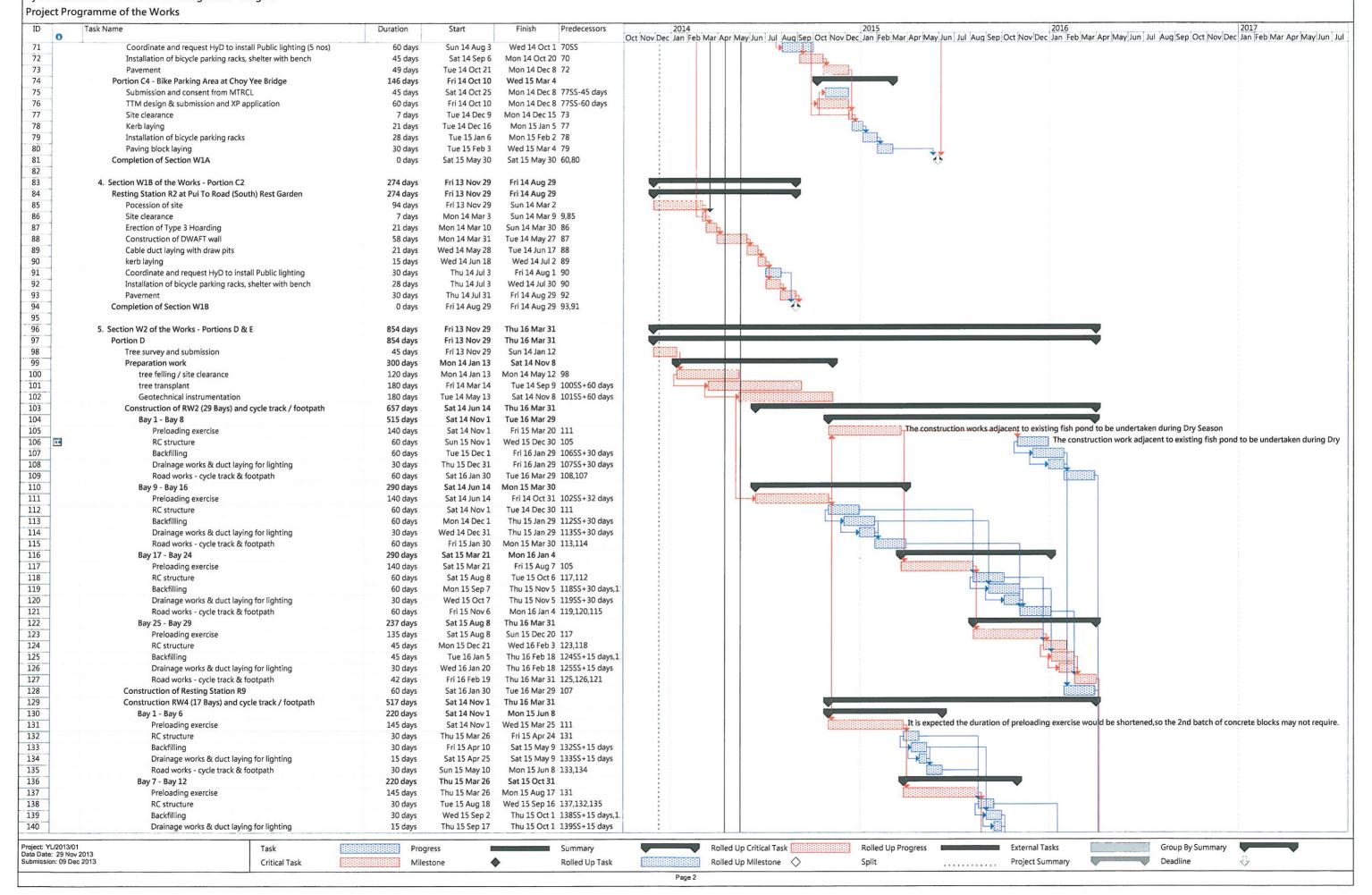
Task

Critical Task

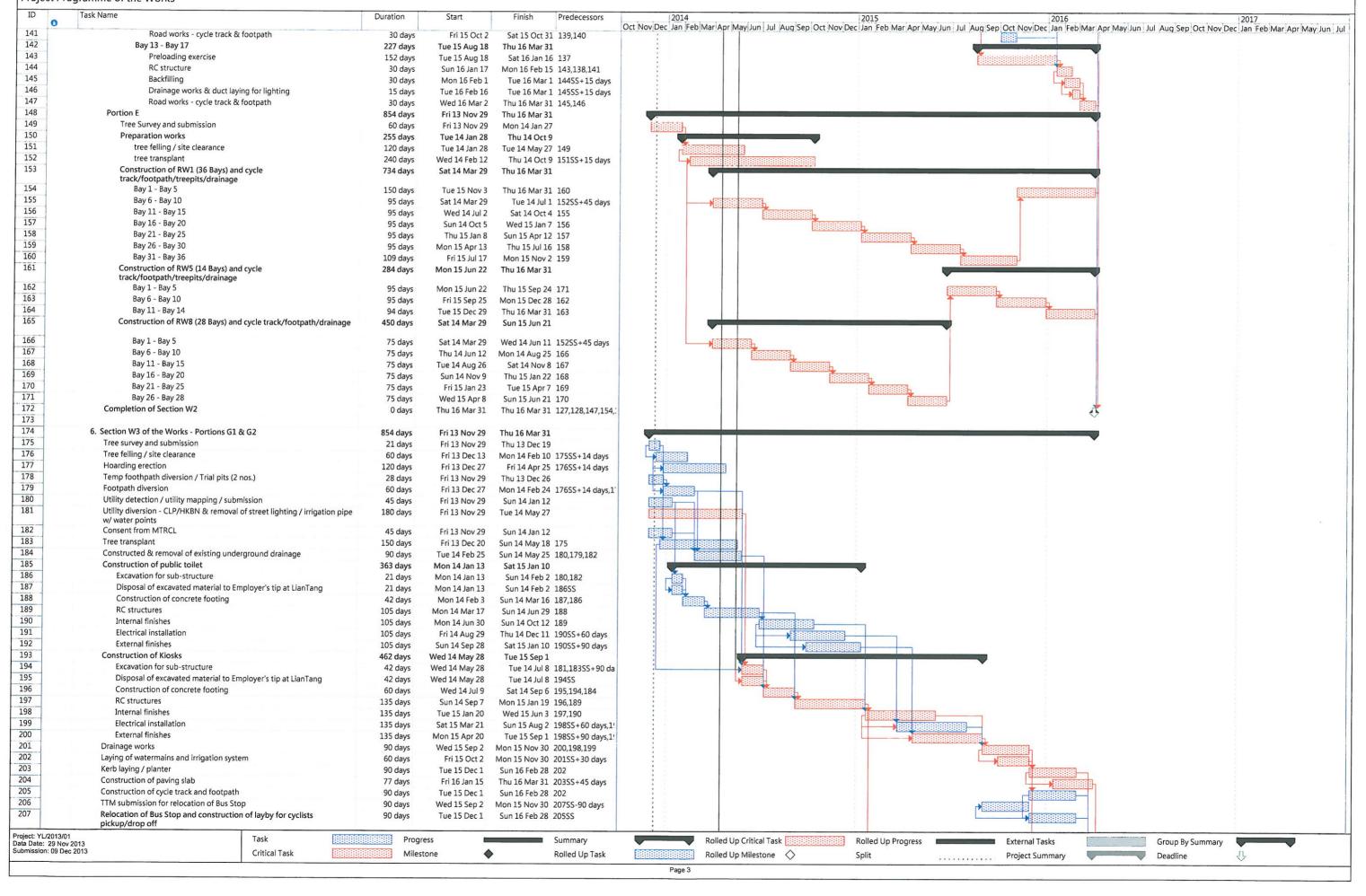
Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

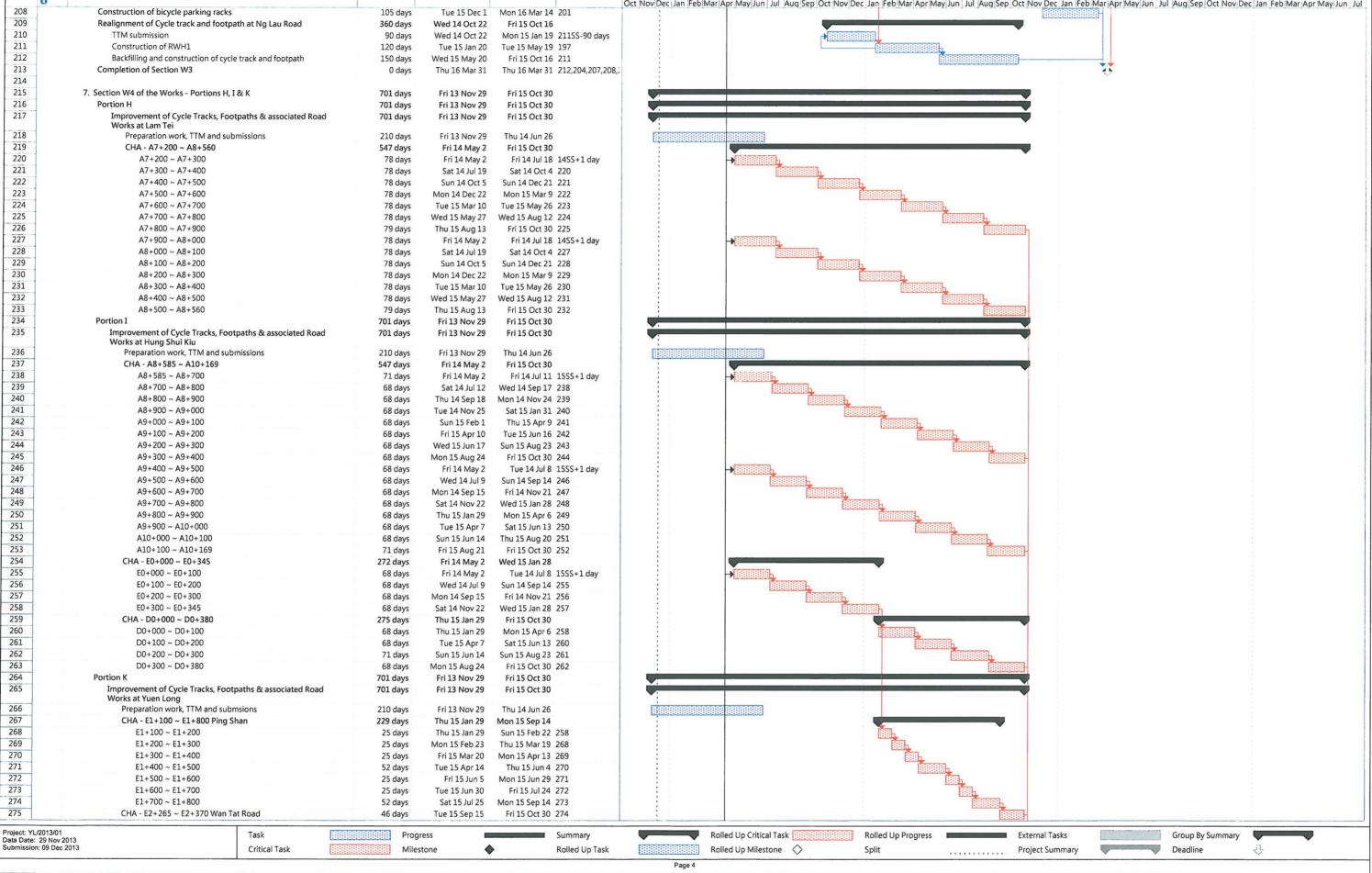
Sang Hing - Kuly Joint Venture



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

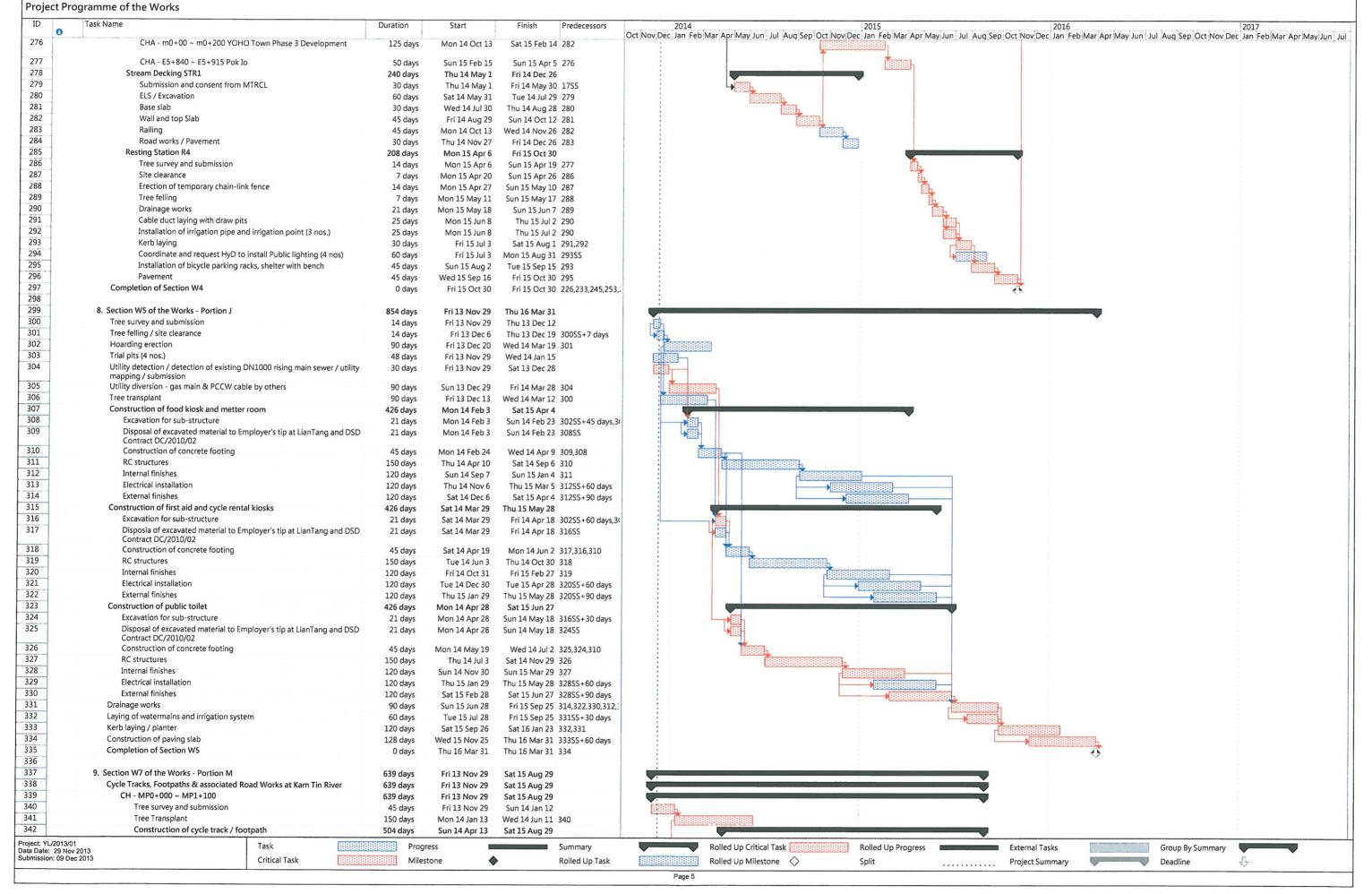


Contract No. YL/2013/01 Sang Hing - Kuly Joint Venture Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1 Project Programme of the Works 2014 2015 2016 2017
Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov De Duration Start Finish Predecessors 208 Construction of bicycle parking racks 105 days 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 Wed 14 Oct 22 Mon 15 Jan 19 211SS-90 days 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 Thu 16 Mar 31 Completion of Section W3 Thu 16 Mar 31 212,204,207,208, 0 days 214 215 7. Section W4 of the Works - Portions H, I & K 701 days Fri 13 Nov 29 Fri 15 Oct 30 216 Fri 13 Nov 29 Portion H 701 days Fri 15 Oct 30 217 Improvement of Cycle Tracks, Footpaths & associated Road 701 days Fri 13 Nov 29 Fri 15 Oct 30 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 Fri 14 May 2 Fri 14 Jul 18 14SS+1 day 78 days 221 A7+300 ~ A7+400 78 days Sat 14 Jul 19 Sat 14 Oct 4 220 222 A7+400 ~ A7+500 Sun 14 Oct 5 Sun 14 Dec 21 221 78 days 223 $A7 + 500 \sim A7 + 600$ 78 days Mon 14 Dec 22 Mon 15 Mar 9 222 224 A7+600 ~ A7+700 Tue 15 Mar 10 Tue 15 May 26 223 78 days 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 Sat 14 Jul 19 Sat 14 Oct 4 227 78 days 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 Wed 15 May 27 Wed 15 Aug 12 231 78 days 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 30 235 Improvement of Cycle Tracks, Footpaths & associated Road Fri 15 Oct 30 701 days Fri 13 Nov 29 Works at Hung Shui Kiu 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 Fri 14 Jul 11 15SS+1 day 71 days Fri 14 May 2 239 A8+700 ~ A8+800 68 days Sat 14 Jul 12 Wed 14 Sep 17 238 240 A8+800 ~ A8+900 Mon 14 Nov 24 239 68 days Thu 14 Sep 18 241 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 Mon 15 Aug 24 Fri 15 Oct 30 244 68 days 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 Fri 14 Nov 21 247 68 days Mon 14 Sep 15 249 A9+700 ~ A9+800 68 days Sat 14 Nov 22 Wed 15 Jan 28 248



Contract No. YL/2013/01 Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Sang Hing - Kuly Joint Venture

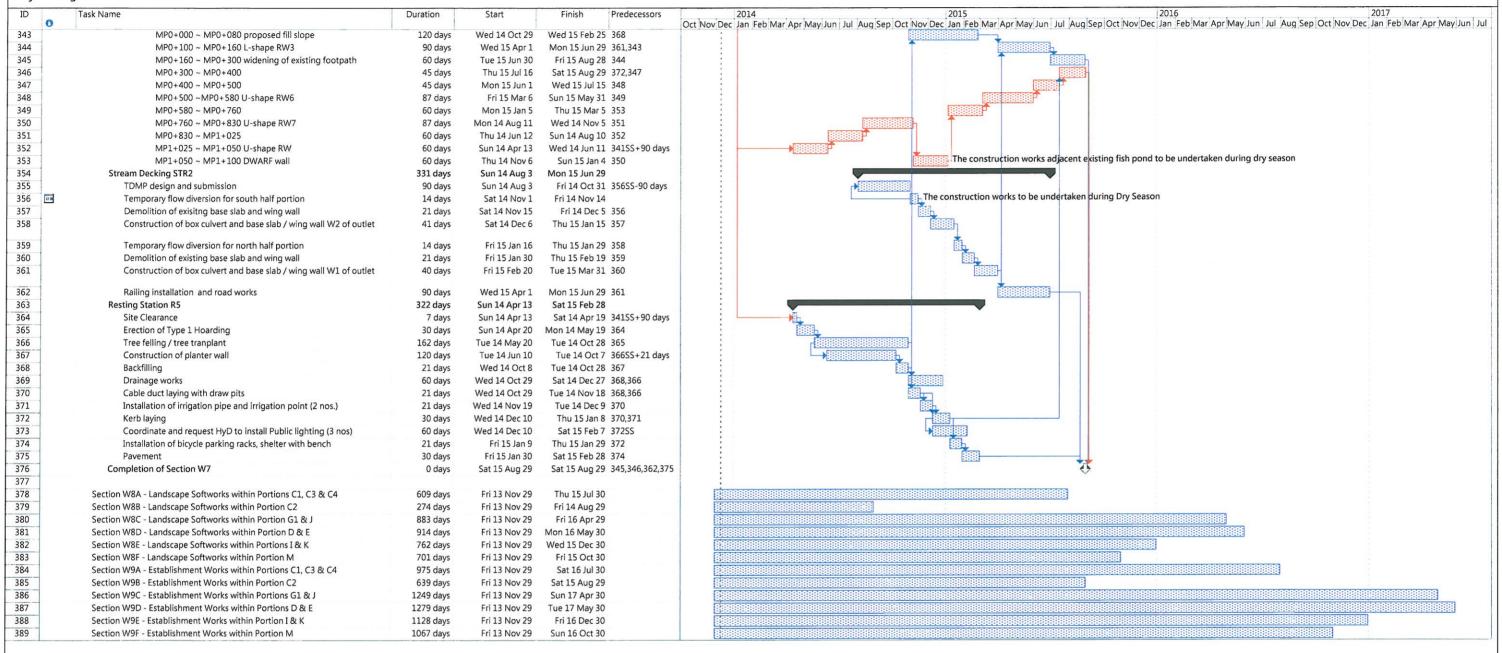


Contract No. YL/2013/01

Sang Hing - Kuly Joint Venture

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage ${\bf 1}$

Project Programme of the Works







APPENDIX 3 THE CONTACT DETAILS OF KEY PERSONNEL





Contact Details of Key Personnel for the Project

Company / Department	Name	Position	Telephone
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Rodney Ip	Environmental Team Leader	2410 3750
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Vincent Kwan	Resident Engineer	2672 7938
Sang Hing – Kuly Joint Venture	Mr. Jeff Chan	Project Manager	9606 2398
Sang Hing – Kuly Joint Venture	Mr. W.K. Tang	Site Agent	9300 7037
Sang Hing – Kuly Joint Venture	Mr. Michael Wan	Site Environmental Officer	9222 3089
Fugro Hong Kong Ltd.	Mr. Colin Yung	Independent Environmental Checker	3565 4114





APPENDIX 4 CUMULATIVE LOG OF COMPLAINTS



Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1 (DP Works Area) EM&A Report No. 16 – Aug 2015



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

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 Insp	pection Report				
Part I:	-			0. 1	
Contract No. YL/2013/01	Contract		om Tuen Mun to Sheung Shui -	- Stage I	
	2015 Time	10:30 - 12:6			
Persons making the inspection:				for "	
Name in Block Letters 1. WK Tano 2. Michael Wan 3. Wang Tak Wah 4. Patrick MA 5. Borg Ya 6. 7.		The Engineer's Nomin Environmental Team's	(or Environmental Supervisor) nated Site Representative		Signature TW- TW- TW- TW- TW- TW- TW- TW-
Item Location	Situation Requiring Fol	1	Agreed Due Date for Completion	Date Completed	Remarks
1. Kan Tin River	Exposed stackpile & dusty mate	erials in starage near	7 August 2015	12 August 2015	
2.	the river are not well endosed		12 1 12015	18 August 2015	
3. Kam Tin River 4. Kam Tin River	Stagnant water was noted Materials & Stackpile were stood	la la la tanc	12 Augs 2015	12 August 2015	Issue found on 29 July 2015
	Platerials & STOCKPILE WEE STOCK	GEV NEGOT TO TICES	12 August 2015	25 August 2015	Issue Taura on Zivaly 205
5. Sheupy Yue River 6.	Chemical leakage from machine		12 /10/10/ 2013	- , ,, veg (1) 5	
7.	Storical Pedage profit tradition				
8.					
To be signed at the end of inspecti	n nuisance abatement and wast	Contractor's	Agent or his Representative	2 with	esentative at the time of inspection
Part II: (To be countersigned after Contractor's *Environmental Officer/Assigned Person	ALL actions are completed)	Т	'he Environmental Team's Repi		
Date	;		Date	25 Aug. 2015	<u>lo</u>

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

Weekly Environmental Walk (No. 68)

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

Environmental Inspection Checklist

Date of	Inspection: 6 August 2015		e 10:30 ~12:00		
Weather	: Sunny/Fine/Overcast/Drizzle/Rain/Ston	m/Hazy Temperature: 32 °C			
Wind:	Calm/Light/Breeze/Strong	Hun	nidity: High/Moderate/Low		
Location	(s): Kan Tin River, Shek Sheung River, Sheun	rd Yue River			
) 			
Person(s	s) making the inspection:				
	Block Letters Designation		Organisation		
WK			Sang Hing – Kuly Joint Venture		
Mich			Sang Hing – Kuly Joint Venture		
		. D			
			AECOM Consulting Services Ltd.		
Patr			AECOM Consulting Services Ltd.		
<u> ban</u>	1-/	hecker (IEC)	Fugro (Hong Kong) Ltd.		
	Landscape Architect	100	Terra Studio Ltd.		
1 GEN	ERAL	YES NO	N/A REMARK*		
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	(\checkmark)			
e. f	Proper maintenance of site plant and equipment	() ()	()		
I	Other: Please specify	()()	()		
2. AIR	POLLUTION				
a.	Site Perimeter Hoardings provided as required	() ()	(\checkmark)		
b.	Haul Road paved or kept wet	(\checkmark) $()$			
c.	Water spraying during loading and unloading of	/	4.6		
d.	dusty material Exposed stockpile & dusty materials in storage				
·u.	wetted or covered by tarpaulin as required	(\mathcal{A})	()		
e.	Dust suppression measures taken and/or dust Screen				
	erected for dusty site activities	() ()	()		
f.	Wheel washing bays provided at site vehicle exits	(6)	()		
α	and maintained in good working order Vehicle wheels washed before leaving site				
g. h.	Dump trucks fitted with mechanical tarpaulin cover				
i.	Dusty loads on vehicles covered by tarpaulin				
j.	Vehicle speed control (8KM/hr) on site	(1) (1)			
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	0 $\left(\cdot \right)$	()		
n.	Other: Please specify				
	S West T loads op selly				
	ER POLLUTION				
a.	Tightly sealed closed grab excavator used for river	() ()	1. 1		
b.	channel excavation works River excavation works sections by sections as				
0.	required	(\checkmark)	()		
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				
	sedimentation tanks	(V) ()			
i.	Silt traps, sedimentation tank & drainages cleared	(\checkmark)			
J	Sand bags provided at site entrance and around road	() ()	()		
1.	gullies as necessary		()		
k. l.	Water Discharge License applied as necessary Self-monitoring on site runoff/wastewater conducted				
1.	as necessary	() ()			
m.	Chemical toilets provided as necessary	(1)	()		
n.	Heavy Rainstorm Response Procedure displayed	() ()			
0.	Construction works adjacent to the fishponds near				
	Kam Tin River and Long Valley should not be		()		
p.	undertaken in April to October Other: Please specify	13 (1)	() il Stagnant water was noted		

Page 1 of 3

i) Stagmant water was noted. ii) Exposed stockpile & dusty materials in storage near the river are not well enclosed.

			YES	NO)	N/A	REM ARK*
4.	NOIS a.	SE POLLUTION Temporary noise barriers installed at works area as					
	120	needed	(/)	()	()	
	b.	Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	01	
	c.	Air Compressors and portable percussive breakers			,	()	
	1	with Noise Emission Labels	_(_)_	()	(1)	
	d.	Pneumatic percussive breakers fitted with sound mufflers	()	()	1	•
	e.	Engine flap covers kept closed of construction plant					
	f.	during operations Excavator breaker tip wrapped with sound insulating	_())	(i/)	
	1.	material for breaking work	()	()	(4)	·
	g.	Noise baffles/screens to noisy machines/site activities	06		`	· ·	
	h.	as necessary Valid Construction Noise Permits (CNP) for works in	(0))		
		restricted hours	()	()	(1)	
	i.	Full compliance with CNP conditions Other: Please specify	()	()	()	
	j.	Other: Please specify)	(
5.	17/4/2	STE MANAGEMENT					
	a.	Designated area for sorting and temporary storage of C & D materials on site	(/)	()	()	
	b.	Proper sorting of inert and non-inert materials		()		
	c.	Recycle bins for recycling of different materials	(1)	()	()	
	d.	Rubbish bins for general rubbish Measures taken to avoid cross contamination of	())	()	
	e.	different wastes	()	()	()	
	f.	Disposed of regularly to avoid excessive			,		The state of the s
	2	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	()	,	1	66	
	k.	Used trip tickets kept for chemical waste disposal	\ \ \	\	1		
	1	Proper handling of contaminated soil samples in land				(0)	
		contamination investigation work	()	()	(//)	
	m.	Proper storage of contaminated soil samples in land contamination investigation work	()	1	1	1	
	n.	Emergency spillage procedure posted and correctly					
		imp lemented	(1)	()	()	
	0.	Other: Please specify	_(_)	(/)	()	Chamid Leakage proby from machine
6	OTE	<u>IERS</u>					. ,
	a.	Existing trees and vegetation maintained and	· de	, .		()	
	b.	Materials & Plant kept way from existing trees and		4-	1	()	
	0.	vegetation	()	(~	1	()	8
	c.	Topsoil conserved and re-use in landscape works	(/)	()	()	
	d.	Night-time lighting controlled to minimize glare	()	()	(V)	
	e.	In situ compensation planting should occur at the		s			
	f.	Information Kiosk and R9	())	(1)	
	1.	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.	()	(1	6.	
	g.	Others: Please specify		()	()	
	Ü	· ····································					*To record the details of
7.	OTT	ALED CONTACT AND					compliance for the checked
a.		IER COMMENTS					items if applicable
b.							
c.							
	Si	gned By	Signed	By			
	100		and a supplemental and			$\overline{}$	
		11				12	
		tas	-/	-	57	1	
			6	~	/		- 10/2001
	N	ame & Title: Patrick MA	Name &	Title	e:	-7	way
	Er	nvironmental Team's Representative				inated	Site Representative

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

Weekly Environmental Walk No. 68

(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. 3(p)	Rectified Date: 12 Aug 2015
Description: Exposed stockpile & dusty materials in storage near the river are not well enclosed	Follow up Action Taken: Relocated the stockpile and dusty materials from the river
Location: Kam Tin River	
Item no. 3(p)	Rectified Date: 18 August 2015
Description: Stagnant water was noted	Follow up Action Taken: The stagnant water is removed
Location: Kam Tin River Hom no. 6(b)	Partified Data 12 Aug 2015
Item no. 6(b) Description: Materials & Stockpile were stocked part to	Rectified Date: 12 Aug 2015
Description: Materials & Stockpile were stocked next to trees Location: Kam Tin River	Follow up Action Taken: Relocated the materials and stockpiles from trees
Location. Nam Thi Niver	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	CED
Item no. 5(o)	Rectified Date: 25 August 2015
Description: Chemical leakage from machine	Follow up Action Taken: The machine with chemical
	leakage is removed from the site
Location: Sheung Yue River	

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

Part I	y Environmental Walk Ins :	pection Report					
-	et No. YL/2013/01		Contract	Title Cycle Track	from Tuen Mun to Sheung Shu	i – Stage 1	
Date of	Inspection 12 August	2015	Time	10:30-12:00	NAME OF THE OWNER O	la.	
Persons	s making the inspection:						
	n Block Letters WK Tang Mizheal Wan Nong TW Bany Ho Aloysius Wong			Environmental Offic The Engineer's Nor Environmental Tear	(or his Representative) cer (or Environmental Superviso ninated Site Representative m's Representative		Signature 3 w A A A A
Item No.	Location	Situation	Requiring Fo	ollow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam In River	stagnant in	later was	noted	19 Aug 2015	18 August 2015	Issue found on 6 Anglois
2.	Sheung the River			materials were	19 Aug 2015	18 August 2015	~
3.	<u> </u>	not well	covered o	r wetted			
4.	Shelc Sheung River	stagnant his	iter was	noted	19 Aug 2015	18 August 2015	
5.							
6. 7.	TI TO THE TOTAL PROPERTY OF THE TOTAL PROPER						
8.							
To be s The Co (* dele The En Environ Part II Contrac	signed at the end of inspect ontractor's performance of the as appropriate) gineer's Nominated Site Rep mental Team's Representate: (To be countersigned after ctor's *Environmental	n nuisance abate	7	Contracto	r's Agent or his Representative e Architect The Environmental Team's Re	7 wigh	esentative at the time of inspection
	Date	9			Date	18. Aug. 2019	7
	24.			- 12.11			

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.)

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

Environmental Inspection Checklist

			12 40 + 2 5			10120-101-0
		Inspection:	12 August 2015 /		Tim	e 10:30 - 12:00
	ather	: <u>Sunny</u>	/Fine/Overcast/Drizzle/Rain/Sto	rm/Hazy	Tem	perature: 30 °C
	nd:		Light/Breeze/Strong		Hun	nidity: High/Moderate/Low
Lo	cation	n(s): Kam	in River, Shek Shrung River, St	roung The	River	
			9			
		s) making the insp				
Na		Block Letters	Designation			Organisation
1		ave	Contractor's Agent			Sang Hing - Kuly Joint Venture
		1 Was	Environmental Officer			Sang Hing - Kuly Joint Venture
	Vong	TW	The Engineer's Nominated Sit		entative	AECOM Consulting Services Ltd.
_ P	barny 1	+>	Environmental Team's Repres			AECOM Consulting Services Ltd.
-	/		Independent Environmental C	hecker (I)	EC)	Fugro (Hong Kong) Ltd.
A	oysin	s Nong	Landscape Architect	*****		Terra Studio Ltd.
1	GEN	ERAL		YES	NO	N/A REMARK*
•	a.	Environmental Pe	ermit (EP) copy at place of work	(1)	()	()
	b.	Environmental po	sters/notices at place of work	(/)	()	
	c. d.	Site kept clean an Engine shut off w	d tidy	()	()	(_)
	e.		ce of site plant and equipment		()	
	f	Other: Please spec		()		
•	4 TD :	nor remior.				
2.	AIR a.	POLLUTION Site Perimeter Ho	ardings provided as required	()	()	
	b.	Haul Road paved			()	
	C.	Water spraying du	ring loading and unloading of			
	d.	dusty material	& dusty materials in storage		()	(/)
	u.	wetted or covered	by tarpaulin as required	()	(1)	()
	e.	Dust suppression	measures taken and/or dust Screen		V	
	c	erected for dusty	site activities	(:/ 5	()	
	f.	and maintained in	ays provided at site vehicle exits good working order	(()	()
	g.	Vehicle wheels wa	ashed before leaving site		()	
	h.	Dump trucks fitte	d with mechanical tarpaulin cover	()	()	(/)
	i. j.	Dusty loads on ve	hicles covered by tarpaulin trol (8KM/hr) on site	()	()	()
	k.		ssion control from site plant		()	
	1.	No opening burni	ng of debris on site	()	()	
	m	Use of Ultra Low	Surphur Diesel (ULSD) for	11		
	n.	Constructional pla Other: Please spec		-	()	
			,			
3		ER POLLUTION	1 1 1			
	a.	channel excavation	sed grab excavator used for river	()	()	
	b.		works sections by sections as		()	
		required		(/)	()	()
	c. d.	Floating debris in	nent avoided during transfer	$\frac{1}{\lambda}$	$\langle \cdot \rangle$	
	e.		nt & vessel avoided	1	()	
	f.	Wheel washing ba	ay desilted regularly		()	()
	g.		ge diversion provided as required	(/)	()	
	h.	sedimentation tan	water discharge through silt traps or	(1)	()	()
	i.		ntation tank & drainages cleared		()	()
	J	Sand bags provide	ed at site entrance and around road			
	k.	gullies as necessar	ry License applied as necessary		()	()
	l.	Self-monitoring of	n site runoff/wastewater conducted			
		as necessary		()	()	
	m.		provided as necessary	(1)	()	
	n. o.		Response Procedure displayed adjacent to the fishponds near			()
	o.	Kam Tin River an	d Long Valley should not be	/		
		undertaken in Apr	il to October	(/)	()	()
	p.	Other: Please spec	city	(.)	()	() 1) Stagnant water was not

	OD DOLLLING.	YES	NO	N/A	REMARK*
	SE POLLUTION Temporary noise barriers installed at works area as				
a.	Temporary noise barriers installed at works area as needed	(/)	()	()	
b.	Noisy plant and equipment sited away from noisy		()		
	sensitive receiver as possible	()	()	(1	
c.	Air Compressors and portable percussive breakers				
	with Noise Emission Labels		()		
d.	Pneumatic percussive breakers fitted with sound	, ,	, ,		
e.	mufflers Engine flap covers kept closed of construction plant				
C.	during operations	()	()	()	
f.	Excavator breaker tip wrapped with sound insulating				A STATE OF THE STA
	material for breaking work	()	()	(/)	
g.	Noise baffles/screens to noisy machines/site activities	5		, ,	
h.	as necessary				
11.	Valid Construction Noise Permits (CNP) for works in restricted hours	()	()	(/	
i.	Full compliance with CNP conditions	()	()	(/)	
j.	Other: Please specify	()	()	()	
****	THE NAME OF COME				
-	STE MANAGEMENT Designated area for sorting and temporary storage of				
a.	Designated area for sorting and temporary storage of C & D materials on site	(1	()	()	
b.	Proper sorting of inert and non-inert materials		()	()	
c.	Recycle bins for recycling of different materials		()	()	
d.	Rubbish bins for general rubbish		()	()	
e.	Measures taken to avoid cross contamination of		, ,	, .	
f.	different wastes Disposed of regularly to avoid excessive	1			
1.	accumulation	(/)	()	()	
g.	Trip tickets and EPD chits duly completed and used				
3	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				1. 1999 M
	contamination investigation work	_()	()	(/)	
m.	Proper storage of contaminated soil samples in land	, ,	, ,	11.	
n.	contamination investigation work Emergency spillage procedure posted and correctly				
11.	implemented	11	()	()	
0.	Other: Please specify	()	()	()	
OTT					
	HERS Existing trees and vegetation maintained and	,			
a.	Existing trees and vegetation maintained and protected as required	(/)	()	()	
b.	Materials & Plant kept way from existing trees and				
555611	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
OTI	HER COMMENTS				compliance for the checked
					items if applicable
0	ioned Ry	Signed	Pu		
3	igned By	Signed	Бу		
	2				
	10			2	
				1 Ce	
0			~		
N	lame & Title: Bany to	Name &			
E	nvironmental Team's Representative	Enginee	r's Nor	ninated	Site Representative

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

Weekly Environmental Walk No. 69

(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. 3(p)	Rectified Date: 18 August 2015
Description: Stagnant water was noted	Follow up Action Taken: The stagnant water is removed
Location: Kam Tin River	
Item no. 2(d)	Rectified Date: 18 August 2015
Description: Exposed stockpile and dusty materials were	Follow up Action Taken: The exposed stockpile and dusty
not wetted or covered	materials were removed
Location: Sheung Yue River	
Item no. 3(p)	Rectified Date: 18 August 2015
Description: Stagnant water was noted	Follow up Action Taken: The stagnant water is removed
Location: Shek Sheung River	

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 Inst Part I:	pection Report					
Contract No. YL/2013/01	Contract Title	Cycle Track fr	om Tuen Mun to Sheung Shui -	Stage 1		
Date of Inspection 18 Aug		0:30 - 12:		- Stage 1		
	705C 2013 1 me 70	0.30 - 1a.	00			
Persons making the inspection:				Jar.		
Name in Block Letters	The state of the s	gnation			Signature	
1. WK Tang			his Representative)		27 Wy	
2. Michael Woh			(or Environmental Supervisor)			
3. Wong Tak Wah			ated Site Representative			
4. Josephine Lam	Envi	ronmental Team's	Representative			
5						
6.	· · · · · · · · · · · · · · · · · · ·					
7.						
8.						
Item			Agreed Due Date	Date		
No. Location	Situation Requiring Follow-u	ip Action	for Completion	Completed	Remarks	
1. Kam Tin River	Exposed Stockpile & dustr	10 :000 FOLIO 15	26 August 2015	Completed		
2.	in storage near the rive	or Blog wort.	TO August 2015			
3.	well analosed	core one		55,000 000 000 000 000 000 000 000 000 0		
4. Kam Tin River	Materials & Stockpile were	stocked	26 August 2015	31 August 2015		
5.	next to trees		20 /119			
6. Showing you River	Chemical leakage from n	nachine	26 August 2015	25 August 2015	Issue found on 6 Augus	t 201
7. Kam Tin River	Empty chemical containers dis	posed oit	26 August 2015	31 August 2015		
8.	U-shaped channel		0	J		
To be signed at the end of inspecti			-4.4-4b4i-5-4i6.4b- E	maine man and all Tanamita Dama	accutative at the time of improved	
	nuisance abatement and waste ma	nagement ^1s/1s n	of to the satisfaction of the E	nvironmentai Team's Repr	esentative at the time of inspection)n.
(* delete as appropriate)				= 101 \\ \[\]		
The Engineer's Nominated Site Rep	presentative	Contractor's	Agent or his Representative	4 mayor		
Environmental Team's Representati	ve	Landscape A	rchitect			
Part II: (To be countersigned after	A STATE OF THE STA					
Contractor's *Environmental	THE detions are completed)					
Officer/Assigned Person		T	he Environmental Team's Repr	esentative		
Date						
Date				11-19-40-11-11-11-11-11-11-11-11-11-11-11-11-11		

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

Weekly Environmental Walk (No. 70)

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

Environmental Inspection Checklist

Da	ate of I	nspection: 18 August 2015	<u>, </u>	Time	10:30-12:00
W	eather	Sunny/Eine/Overeast/Drizzle/Rain/Stor	m/Hazy	Temp	erature:32_°C
W	ind:	Calm/Light/Breeze/Strong		Humic	dity: High/Moderate/Low
Lo	cation	A I	10 River SI	herens	The Piver
			9	J	ore killer.
Pe	rson(s) making the inspection:			
		Block Letters Designation			Organisation
110		K Tank Contractor's Agent			Sang Hing – Kuly Joint Venture
_		Environmental Officer			Sang Hing – Kuly Joint Venture
_		Tak Wah The Engineer's Nominated Site	Pannaganta	-tivo	AECOM Consulting Services Ltd.
7	osephi			ative	
V	osephi				AECOM Consulting Services Ltd.
_		Independent Environmental Ch	iecker (IEC)		Fugro (Hong Kong) Ltd.
_		Landscape Architect	YES N	10	Terra Studio Ltd. N/A REM ARK*
1	GEN	ERAL	res n	10	N/A REWARK*
	a.	Environmental Permit (EP) copy at place of work	(V) () ()
	b.	Environmental posters/notices at place of work	(V) () ()
	c.	Site kept clean and tidy	() () ()
	d.	Engine shut off when not in use	() (\rightarrow ()
	e. f	Proper maintenance of site plant and equipment Other: Please specify	(V)	\	
	1	other. I least specify)
2.	AIR I	POLLUTION			
	a.	Site Perimeter Hoardings provided as required	()() (V)
	b.	Haul Road paved or kept wet	<u>(V)</u> () ()
	C.	Water spraying during loading and unloading of dusty material	() () (/\
	d.	Exposed stockpile & dusty materials in storage) ()
	u.	wetted or covered by tarpaulin as required	(V) () ()
	e.	Dust suppression measures taken and/or dust Screen			*
	C	erected for dusty site activities	<u>(i/)</u> (_) ()
	f.	Wheel washing bays provided at site vehicle exits and maintained in good working order	(, 1) () ()
	g.	Vehicle wheels washed before leaving site		1 ()
	h.	Dump trucks fitted with mechanical tarpaulin cover		7 (ì
	i.	Dusty loads on vehicles covered by tarpaulin	(i/) () (j
	j.	Vehicle speed control (8KM/hr) on site	(V) () ()
	k.	Black smoke emission control from site plant	(V) () (
	l. m	No opening burning of debris on site Use of Ultra Low Surphur Diesel (ULSD) for) (
	111	constructional plant and equipment	(V) () ()
	n.	Other: Please specify	() () ()
•	****	ED DOLLINGUA			
3		ER POLLUTION Tightly spaled alosed grab averagetar used for river			
	a.	Tightly sealed closed grab excavator used for river channel excavation works	() () (V
	b.	River excavation works sections by sections as			
		required) ()
	C.	Splashing of sediment avoided during transfer	() () (\sim
	d.	Floating debris in river cleared Leakage from plant & vessel avoided) (
	e. f.	Wheel washing bay desilted regularly		1	
	g.	Temporary drainage diversion provided as required		7 ()
	h.	Site runoff/wastewater discharge through silt traps or			
		sedimentation tanks	(V) () ()
	1. J	Silt traps, sedimentation tank & drainages cleared Sand bags provided at site entrance and around road	(V) () ()
	J	gullies as necessary	(V) () ()
	k.	Water Discharge License applied as necessary	(1)) ()
	1.	Self-monitoring on site runoff/wastewater conducted			-
		as necessary	() () (V)
	m.	Chemical toilets provided as necessary	(V) (<u>) (</u>)
	n.	Heavy Rainstorm Response Procedure displayed	(/)) ()
	0.	Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be	,		
		undertaken in April to October	(\vee)) ()
	n	Other: Please specify	() ((Turising startaile

Page 1 of 3

Exposed starpile & dusty materials in storage near the river are not well enclosed

			YES	NO	IN/A	KEWI ARK*		
4.	NOIS a.	SE POLLUTION Temporary noise barriers installed at works area as needed	(V)	()	()			
	b.	Noisy plant and equipment sited away from noisy sensitive receiver as possible		()	06			
	c.	Air Compressors and portable percussive breakers with Noise Emission Labels		()	(10)			
	d.	Pneumatic percussive breakers fitted with sound mufflers	()	()	(10)			
	e.	Engine flap covers kept closed of construction plant during operations		()	(, ()	-		
	f.	Excavator breaker tip wrapped with sound insulating material for breaking work	1200	()	(1)			
	g.	Noise baffles/screens to noisy machines/site activities as necessary	5 () (()	()			
	h.	Valid Construction Noise Permits (CNP) for works in restricted hours		()	(16			
	i. j.	Full compliance with CNP conditions Other: Please specify		()	(i/)			
5.	WAS	WASTEMANAGEMENT						
	a.	Designated area for sorting and temporary storage of C & D materials on site	(V)	()	()			
	b.	Proper sorting of inert and non-inert materials	(V)					
	C.	Recycle bins for recycling of different materials	(V)	()	()			
	d. e.	Rubbish bins for general rubbish Measures taken to avoid cross contamination of	(V)	()				
	0.	different wastes	(V)	()	()			
	f.	Disposed of regularly to avoid excessive accumulation	(V)	()	()			
	g.	Trip tickets and EPD chits duly completed and used in C & D waste disposal	(V)	()	()			
	h.	Registration as Chemical Waste Producer as required						
	i.	Chemical wastes properly labeled and packaged	()	()	(V)			
	j.	Chemical wastes pending collection stored properly to avoid leakage	()	(1/)	()			
	k.	Used trip tickets kept for chemical waste disposal	()	()				
	1	Proper handling of contaminated soil samples in land						
		contamination investigation work	_(_)	()	(V)			
	m.	Proper storage of contaminated soil samples in land contamination investigation work	()	()	(V)			
	n.	Emergency spillage procedure posted and correctly						
	o.	implemented Other: Please specify	(V)	(V)	()	Chemical leakage from mach		
6	OTH	FRS				3		
U	a.	Existing trees and vegetation maintained and						
	1.	protected as required	(V)	()	()			
	b.	Materials & Plant kept way from existing trees and vegetation	()	(V)	()			
	c.	Topsoil conserved and re-use in landscape works		()	()			
	d.	Night-time lighting controlled to minimize glare	()	()	(V)			
	e.	In situ compensation planting should occur at the Information Kiosk and R9	()	()	06			
	f.	Implementation of signage at the Resting Stations to		()				
		indicate that wildlife may be present and that noise						
		levels and activities should be kept to a minimum.	()	()	(V)			
	g.	Others: Please specify	()	()	()	- t- T		
<i>'</i> .						*To record the details of compliance for the checked		
•	ОТН	ER COM M ENTS				items if applicable		
a.								
b. c.								
	Sig	gned By	Signed	Ву				
						2		
	6		-		1			
		0 000		,		twong (10H).		
		ame & Title:	Name &		nin at a d			
	En	vironmental Team's Representative	Enginee	rs Nor	ıшıated	Site Representative		

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

Weekly Environmental Walk No. 70

(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. 3(p)	Rectified Date: N/A
Description: Exposed stockpile and dusty materials were not well enclosed Location: Kam Tin River	Follow up Action Taken: None – Follow-up action is required
Location: Kam 1in River	
Item no. 5(j)	Rectified Date: 31 August 2015
Description: Empty chemical containers disposed at U-shaped channel Location: Kam Tin River	Follow up Action Taken: The empty chemical containers and materials disposed at U-shaped channel are removed
Item no. 5(o)	Rectified Date: 25 August 2015
Description: Chemical leakage from machine	Follow up Action Taken: The machine with chemical
	leakage is removed from the site



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 Inspart I:	pection Report							
Contract No. YL/2013/01	Contract Title Cycle Treels	ware Town Mars to Charma Char	: 641					
	Contract Title Cycle Track from 1030 - 1230	rom Tuen Mun to Sneung Snu	1 – Stage 1	and the state of t				
	Time		En.					
Persons making the inspection:	Persons making the inspection:							
Name in Block Letters	<u>Designation</u>			Signature				
1. WK Jang	Contractor's Agent (or			ZW Jul				
2. Micheal Wan		Environmental Officer (or Environmental Supervisor)						
3. TW Wong		nated Site Representative						
4. Dorathy Choi	Environmental Team'	Environmental Team's Representative Landscape Architect						
5. Aloysius wong	Econdo Cape Fil Co	arrect	-	142				
6.	· · · · · · · · · · · · · · · · · · ·							
7. 8.			-	_				
8.			•	-				
Item		Agreed Due Date	Date					
No. Location	Situation Requiring Follow-up Action	for Completion	Completed	Remarks				
1. Kam Tin River	Empty chemical contamers pending collection	4. Sep. 2015	31 August 2015					
2.	are not stored property		J					
3. Kam Trn River	Empty chemical containers and materials	4. Sep. 2015	31 August 2015					
4.	disposed at U-shaped channel		/					
5. Kam Tin River	Materials and stockpite were stocked	4. Sep. 2015	31 August 2015					
6.	next to hees		,					
7. Kam Tin River	Empty chemical contamers and materials	4. Sep. 2015						
8.	disposed at u-shaped channel.							
To be signed at the end of inspect	ion							
	n nuisance abatement and waste management *is/is r	not to the satisfaction of the	Environmental Team's Repres	sentative at the time of inspection.				
(* delete as appropriate)			Zava ommentur Peam 8 respies	chemical at the time of inspection				
The Engineer's Nominated Site Representative Contractor's Agent or his Representative								
The Engineer's Nominated Site Representative Contractor's Agent or his Representative Landscape Architect								
Zavinomian roum o representati	Editascape 1	Heinteet						
Part II: (To be countersigned after	ALL actions are completed)							
Contractor's *Environmental								
Officer/Assigned Person The Environmental Team's Representative								
Date	e	Date						
	·							

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

Weekly Environmental Walk (No. ₹/)

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

Environmental Inspection Checklist

Date of Inspection:	26 August 2015 Time		1030-1230			
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Stor						
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low						
Location(s): Kam Tin River, Sheung Yue River, Shek Sheung River						
Person(s) making the insp	ection:					
Name in Block Letters	Designation			Organisation		
WKTANG	Contractor's Agent			Sang Hing – Kuly Joint Venture		
Micheal Wan Environmental Officer				Sang Hing – Kuly Joint Venture		
TW Wong	The Engineer's Nominated Sit	e Renrese	entative	AECOM Consulting Services Ltd.		
Dorathy Choi	Environmental Team's Repres			AECOM Consulting Services Ltd.		
	Independent Environmental C		EC)	Fugro (Hong Kong) Ltd.		
Aloysius wong	Landscape Architect	HOUROT (II		Terra Studio Ltd.		
The form of the same of the sa	<u> </u>	YES	NO	N/A REMARK*		
1 GENERAL		/.				
a. Environmental Pe	rmit (EP) copy at place of work sters/notices at place of work	(V)	()	()		
b. Environmental poc. Site kept clean and	d tidy	(v)				
d. Engine shut off w	hen not in use	(V)	()	()		
e. Proper maintenance	ce of site plant and equipment	(V)	()			
f Other: Please spec	cify	()	()			
2. AIR POLLUTION						
	ardings provided as required	()	()	(V)		
 Haul Road paved 	or kept wet	(V)	()			
 c. Water spraying du dusty material 	ring loading and unloading of	()	()	(1/)		
	& dusty materials in storage			(V)		
	by tarpaulin as required	(V)	()	()		
	measures taken and/or dust Screen					
erected for dusty s f. Wheel washing ba	site activities by s provided at site vehicle exits	(V)	()	()		
and maintained in	good working order	(V)	()	()		
	ashed before leaving site	(V)	()	()		
 Dump trucks fitted 	d with mechanical tarpaulin cover	()	()	(√)		
	hicles covered by tarpaulin trol (8KM/hr) on site		()	()		
	sion control from site plant	$\frac{(V)}{(V)}$				
	ng of debris on site		()			
	Surphur Diesel (ULSD) for	1				
constructional pla		(V)	()	()		
n. Other: Please spec	шу		()			
3 WATER POLLUTION						
	sed grab excavator used for river	<i>(</i>)	()	1.1		
	n works works sections by sections as					
required	works sections by sections as	(V)	()	()		
	nent avoided during transfer		()	(1)		
d. Floating debris in	river cleared	(V)	()	(_)		
e. Leakage from plan f. Wheel washing ba	nt & vessel avoided by desilted regularly		()			
g. Temporary drainag	ge diversion provided as required					
 h. Site runoff/wastev 	water discharge through silt traps or	. —				
sedimentation tanl		(V)	()			
	ntation tank & drainages cleared ed at site entrance and around road		()			
gullies as necessar		(\checkmark)	()	()		
k. Water Discharge I	icense applied as necessary	(V)	()	()		
	n site runoff/wastewater conducted			1.15		
m. Chemical toilets p	rovided as necessary		()			
	Response Procedure displayed		()	()		
 Construction work 	s adjacent to the fishponds near					
Kam Tin River an	d Long Valley should not be	1.15	, ,			
undertaken in Apr p. Other: Please spec		(V)	\			
p. Other: Please spec	JII y		()	()		

			YES	NO)	N/A	REM ARK*
4.		SE POLLUTION					
	a.	Temporary noise barriers installed at works area as needed	(V)	-)	()	
	b.	Noisy plant and equipment sited away from noisy				()	
		sensitive receiver as possible	(_)	()	(V)	
	c.	Air Compressors and portable percussive breakers	()	,	`	1.15	
	d	with Noise Emission Labels Pneumatic percussive breakers fitted with sound)	(V)	
	d.	mufflers	()	()	(V)	
	e.	Engine flap covers kept closed of construction plant					
	OX.	during operations	^ ()	()	(V)	
	f.	Excavator breaker tip wrapped with sound insulating material for breaking work	()	,	`	(1/)	
	g.	Noise baffles/screens to noisy machines/site activities					
	5	as necessary	(V)	()	()	
	h.	Valid Construction Noise Permits (CNP) for works in			10		
		restricted hours	()	()	(V)	
	1. j.	Full compliance with CNP conditions Other: Please specify		-	1	(V)	
	J.	Other. I lease speerly					
5.	WAS	TE MANAGEMENT					
	a.	Designated area for sorting and temporary storage of	11	,			
	b.	C & D materials on site Proper sorting of inert and non-inert materials	()	-	+	()	
	c.	Recycle bins for recycling of different materials		(1	()	· · · · · · · · · · · · · · · · · · ·
	d.	Rubbish bins for general rubbish	(1)	()	()	
	e.	Measures taken to avoid cross contamination of		,	`		
	c	different wastes	(V))	()	
	f.	Disposed of regularly to avoid excessive accumulation	(V)	()	()	
	g.	Trip tickets and EPD chits duly completed and used			,		
	120	in C & D waste disposal	(V)	()	()	
	h.	Registration as Chemical Waste Producer as required		-)	()	
	1. j.	Chemical wastes properly labeled and packaged Chemical wastes pending collection stored properly)		
	J.	to avoid leakage	()	(V)	()	Empty chemical containers pending
	k.	Used trip tickets kept for chemical waste disposal		()	(V)	collection are not stored properly
	1	Proper handling of contaminated soil samples in land	()	,	`	(()	,
	m.	contamination investigation work Proper storage of contaminated soil samples in land)		
	111.	contamination investigation work	()	()	(V)	
	n.	Emergency spillage procedure posted and correctly	- 2				-
		implemented	(V)	<u>(</u>)	()	Malla and a fill of a polichaum
	0.	Other: Please specify)	()/	notherials disposed at U-shapod channe
6	OTH	ERS					
	a.	Existing trees and vegetation maintained and					
	h	protected as required Materials & Plant kept way from existing trees and	(i/))	()	
	b.	vegetation	()	(V)	()	materials and stocklife werestocked
	c.	Topsoil conserved and re-use in landscape works	(V)	()	()	next to tills.
	d.	Night-time lighting controlled to minimize glare	()	()	(1)	
	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.	()	()	(V)	
	g.	Others: Please specify	()	()	()	
							*To record the details of
7.	ОТИ	ER COMMENTS					compliance for the checked items if applicable
a.	OIII	ER COM MENTS					пень п аррпеаве
b.							
C.							
	Sic	gned By	Signed	Rv			
	312	5.1.0. Dj	Signou	Ly			
	1					To be side	
					1	2	
	-		7	~	50	1	Twoong (low)
	N.T	ame & Title: Dorathy Choi	Non- 0	T:41	7		
		vironmental Team's Representative	Name &			in atod	Site Representative
	CU	vironmental reams representative	Larginee	1 2 IN	UIII	urateu i	one representative

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

Weekly Environmental Walk No. 71

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

<u>Environmental Inspection Checklist</u>

Deficiency Items Identified during Weekly Site Walk Status after Rectification Item no. 5(j) Rectified Date: 31 August 2015 Description: Empty chemical containers pending collection Follow up Action Taken: Empty chemical containers are are not stored properly removed from the site. Location: Kam Tin River Item no. 5(j) and 5(o) Rectified Date: 31 August 2015 Description: Empty chemical containers and materials Follow up Action Taken: The empty chemical containers disposed at U-shaped channel and materials disposed at U-shaped channel are removed Location: Kam Tin River Rectified Date: 31 August 2015 Item no. 6(b) Description: Materials and stockpile were stocked next to Follow up Action Taken: Materials and stockpiles are removed from trees trees

