

FUGRO (HONG KONG) LIMITED CONSULTING ENGINEERS7/F., Guardian House,
32 Oi Kwan Road,
Wanchai, Hong KongTel : +852 2577 9023
Fax : +852 2895 2379
Email : fugro@fugro.com.hk**FAX MESSAGE**Priority normal / urgent

To	AECOM Consulting Services Limited	Ref. No.	MCLF3436
Country		Email	yw.fung@aecom.com
Attn.	Mr. Y. W. Fung	Date	13 June 2017
From	Colin Yung	No. of Pages	1 (Incl. this page)
C.c. To	Mr. Vincent Kwan (AECOM Consulting Services Limited)	Email	vincent.kwan@aecom.com
Subject	Agreement No. CE 22/2006 (HY) Cycle Tracks Connecting North West New Territories with North East New Territories – Investigation, Design and Construction Contract No. YL/2013/01 (Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1) – Monthly Environmental Monitoring & Audit Report for May 2017		

We refer to the Monthly EM&A Report Rev. 0 for May 2017 that we received through email on 12 June 2017 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,

A handwritten signature in blue ink, appearing to be "CY", written over a light blue horizontal line.

Colin Yung
Independent Environmental Checker

CY/jt

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 May 2017

(Designated Project Works Area)



REVISION SCHEDULE					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	13 June 2017	EM&A Report No. 37 – May 2017	Sammi Lam	YW Fung	YT Tang
Signature					

REVISION RECORD					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	13 June 2017	EM&A Report No. 37 – May 2017	Sammi Lam	YW Fung	YT Tang

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

EXECUTIVE SUMMARY 1

1 BASIC PROJECT INFORMATION 3

1.1 Introduction 3

1.2 Project Organization and Management 4

2 SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS 5

2.1 Works Undertaken during the Reporting Month 5

3 STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS 8

3.1 Environmental Requirements 8

3.2 Environmental Site Inspections 10

4 SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES 12

5 CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMEDIAL ACTION 13

6 CONCLUSIONS 14

LIST OF TABLES

- Table 2.1 Work Activities for This Reporting Month
- Table 2.2 Planned Activities for the Coming Two Months (Jun & Jul 2017)
- 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. 37 contains the results and findings of site inspection activities and EM&A works carried out by the Works Contractor as required in the contract from 1 – 31 May 2017.

Construction Progress

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

The main construction works in this reporting month are related to defect rectification works and additional works.

Site Inspections

Environmental site inspections were conducted on 4, 11, 17 and 26 May 2017.

Several environmental issues were identified by the ET during inspections including fallen leaves in drainage.

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 June 2017 of the Project consist of:

- 1) Portion D (Sheung Yue River):
 - Defect Rectification Works and Additional Works
- 2) Portion E (Shek Sheung River):
 - Defect Rectification Works and Additional Works
- 3) Portion M (Kam Tin River):
 - Defect Rectification Works and Additional Works

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 2017.
- 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**.

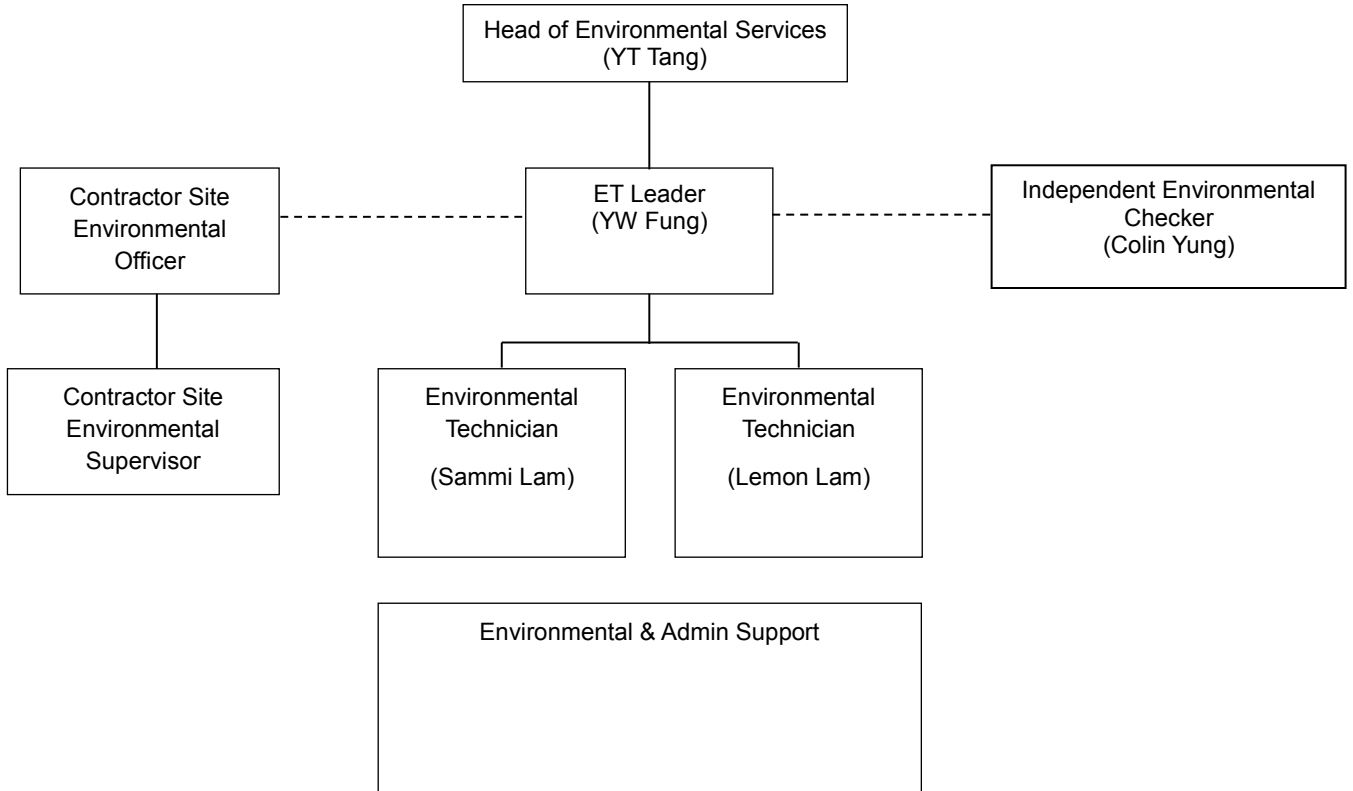


Figure 1 Organization Chart of ET

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 are related to defect rectification works and additional works.

2.1.2 A summary of works carried out this reporting month, along with information of locations, activities, equipment/materials and dates of occurrence, provided by the Contractor, is shown in **Table 2.1**. Locations can be referred to **Appendix 1**.

Table 2.1 Work Activities for This Reporting Month

Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion D (Sheung Yue River)	<ul style="list-style-type: none"> - Defect Rectification Works - Additional Works 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Wastes - Production of Dust - Production of Noise - Production of dusty site runoff 	<ul style="list-style-type: none"> - No soil, materials or equipment shall be stockpiled within the tree protection zones - Implementing TTS - Spray water to minimize dust condition - Works should not commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens to noisy machines shall be provided - Extra sand bags and silt traps shall be provided
Portion E (Shek Sheung River)	<ul style="list-style-type: none"> - Defect Rectification Works - Additional Works 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Wastes - Production of Dust - Production of Noise - Production of dusty site runoff 	<ul style="list-style-type: none"> - No soil, materials or equipment shall be stockpiled within the tree protection zones - Implementing TTS - Spray water to minimize dust condition - Works should not commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens 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)	- Defect rectification works	- Protection of Trees - Production of Solid Wastes - 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 commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

Future Key Issues

2.1.3 The Contractor provided an updated construction programme in **Table 2.2** to show the planned activities for the coming two months (June and July 2017). The anticipated environmental issues are summarised as follows:

Table 2.2 Planned Activities for the Coming Two Months (June and July 2017)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	- Defect Rectification Works	- Protection of Trees - Production of Solid Wastes - 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 commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens 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)	<ul style="list-style-type: none"> - Defect Rectification Works - Additional Works 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Wastes - Production of Dust - Production of Noise - Production of dusty site runoff 	<ul style="list-style-type: none"> - No soil, materials or equipment shall be stockpiled within the tree protection zones - Implementing TTS - Spray water to minimize dust condition - Works should not commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens to noisy machines shall be provided - Extra sand bags and silt traps shall be provided
Portion M (Kam Tin River)	<ul style="list-style-type: none"> - Defect Rectification Works 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Wastes - Production of Dust - Production of Noise - Production of dusty site runoff 	<ul style="list-style-type: none"> - No soil, materials or equipment shall be stockpiled within the tree protection zones - Implementing TTS - Spray water to minimize dust condition - Works should not commence during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screens to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

2.1.4 Site inspection schedule for the next month (June 2017) is designated on 2, 6, 14, 21 and 28 June 2017.

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 the construction and operation period of the project. No specific construction dust monitoring was recommended in the EM&A Manual (2013) given proper implementation of 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) identified 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 was identified within 300m of the site working area and no noise exceedance within the stage 1 designated project work area was predicted based on the Environmental Review findings, therefore no noise monitoring was 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) identified 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 area based on the Environmental Review findings.

Waste Management

3.1.6 The EM&A Manual (2013) identified 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 Waste		Quantity
Inert C&D Materials	Total Quantity Generated (in '000m ³)	0
	Hard Rock and Large Broken Concrete (in '000m ³)	0
	Reused in the Contract (in '000m ³)	0
	Reused in other Projects (in '000m ³)	0
	Disposed as Public Fill (in '000m ³)	0
	Imported Fill (in '000m ³)	0
C&D Waste	Metals (in '000kg)	0.01
	Paper/cardboard packing (in '000kg)	0.01
	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) identified 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) identified 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 the 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. Site inspection was undertaken 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 appropriate environmental protection and pollution control mitigation measures are properly implemented. Regular site inspection 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 problems identified during site inspections. The measures taken by the contractor were considered effective to minimize negative impacts to the environment. On-going investigation 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	4 May 2017	Shek Sheung River	Fallen leaves were found in drainage	To be followed up	To be followed up

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

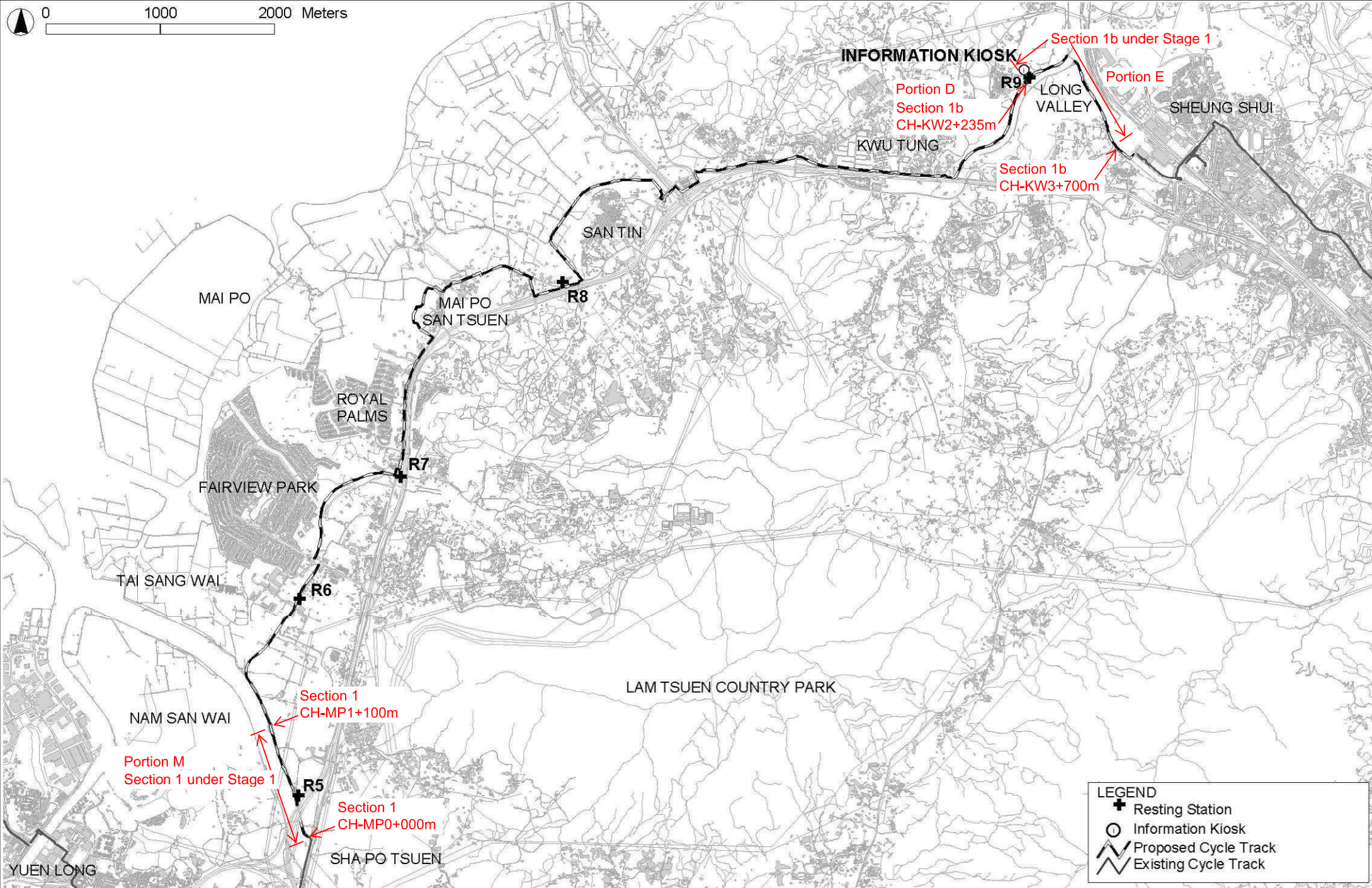
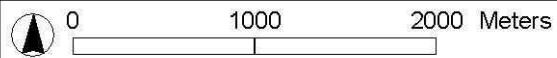
- 5.1.1 There was no complaint, summonses and notices reported in this reporting month. The cumulative log of complaints, notices and summons is provided in Appendix 4.

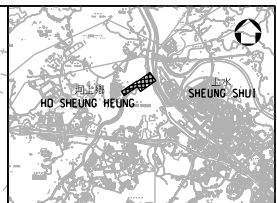
6 CONCLUSIONS

- 6.1.1 There was no complaint, summonses and notices reported in this reporting.
- 6.1.2 Several environmental issues were identified by the ET during inspections including fallen leaves in drainage.
- 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





KEY PLAN
N.T.S.

NOTES :
1. FOR NOTES AND LEGEND, REFER TO DRG. NO. 06115/TMSS/CT/0202.

Rev. 修訂	Date 日期	Description 內容修訂	Drawn 繪圖	Checked 校核
-	12/13	ISSUE FOR CONSTRUCTION	NYH	GT

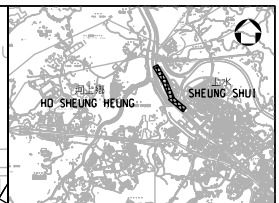
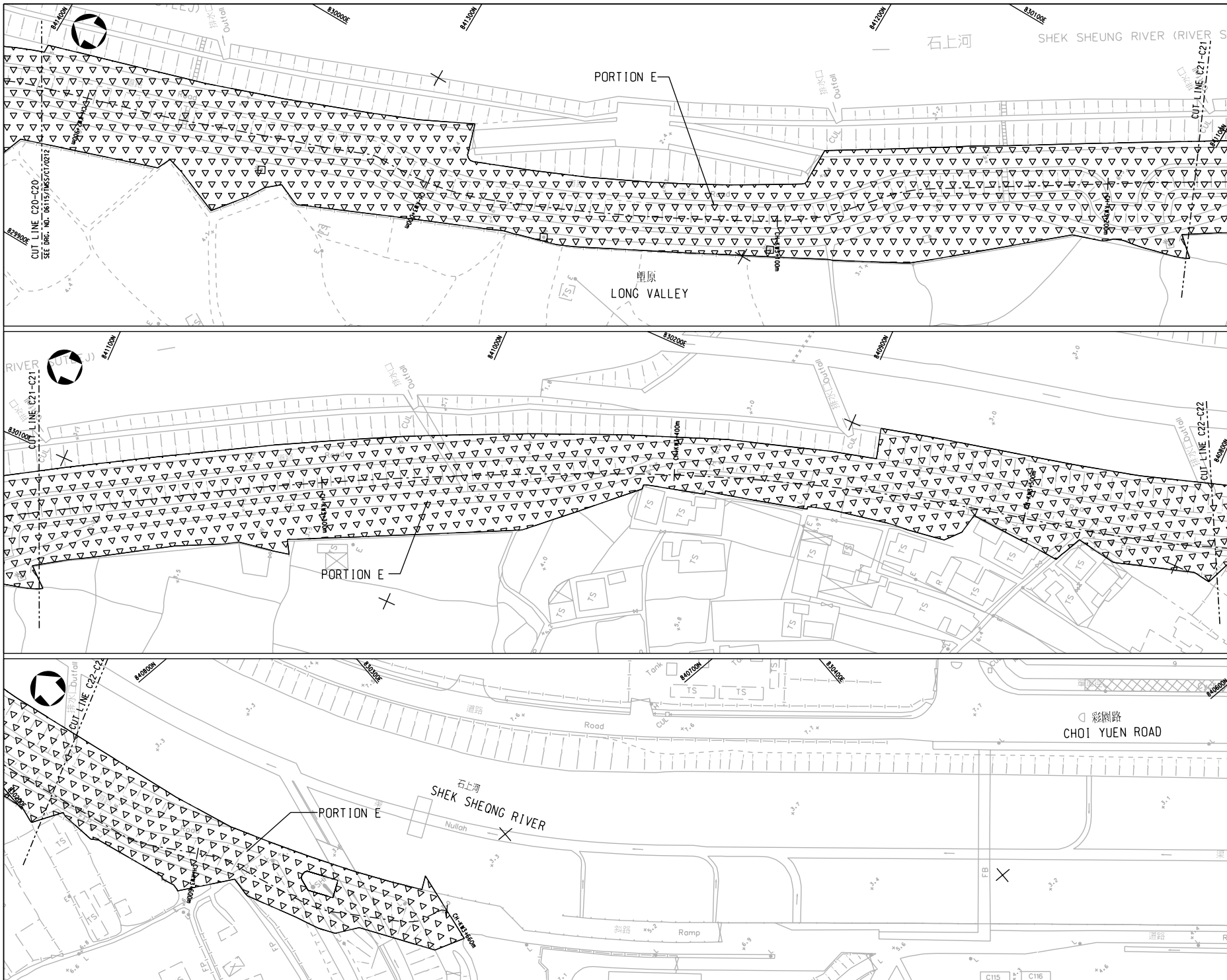
土木工程拓展署
Civil Engineering and
Development Department

CONTRACT NO. YL/2013/01
CYCLE TRACKS FROM TUEN MUN
TO SHEUNG SHUI - STAGE 1

PORTION OF THE SITE
(SHEET 12 OF 13)

Drawing No. 圖號	06115/TMSS/CT/00212			
Design 設計	Drawn 繪圖	Checked 校核	Scale 比例	1:500(A1)
GT	HAX	BCSC	1:1000(A3)	
Approved 核准	TSN	Date 日期	Status 狀態	CONSTRUCTION
		12/13		

URS



KEY PLAN
N.T.S.

NOTES :
1. FOR NOTES AND LEGEND, REFER TO DRG. NO. 06115/TMSS/CT/0202.

Rev. 更改	Date 日期	Description 內容修訂	NYH 核准	GT 核准
-	12/13	ISSUE FOR CONSTRUCTION		

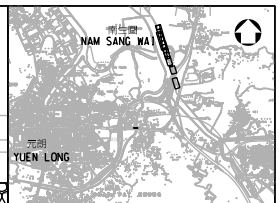
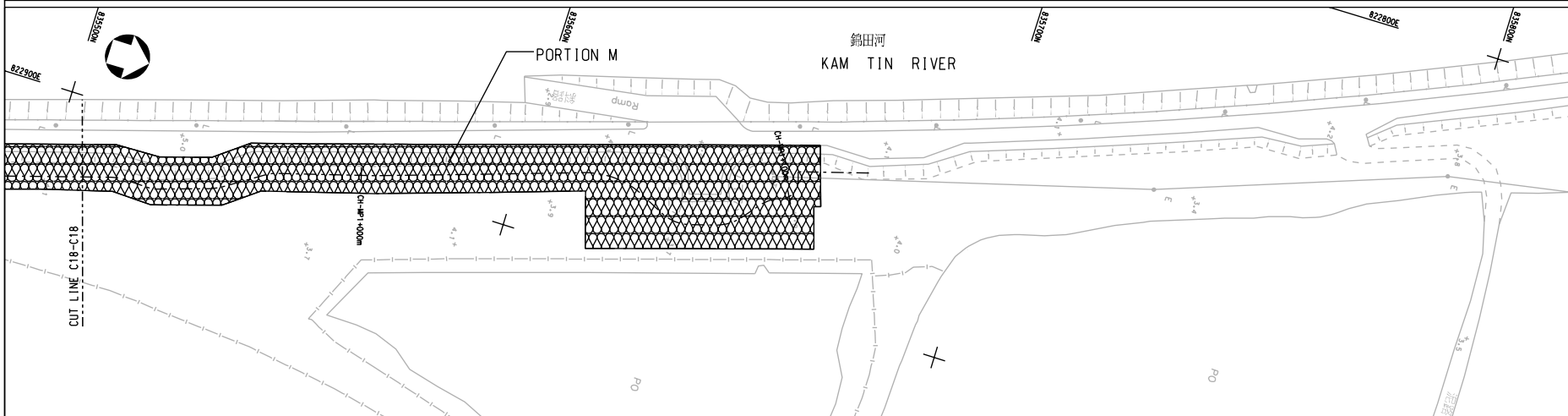
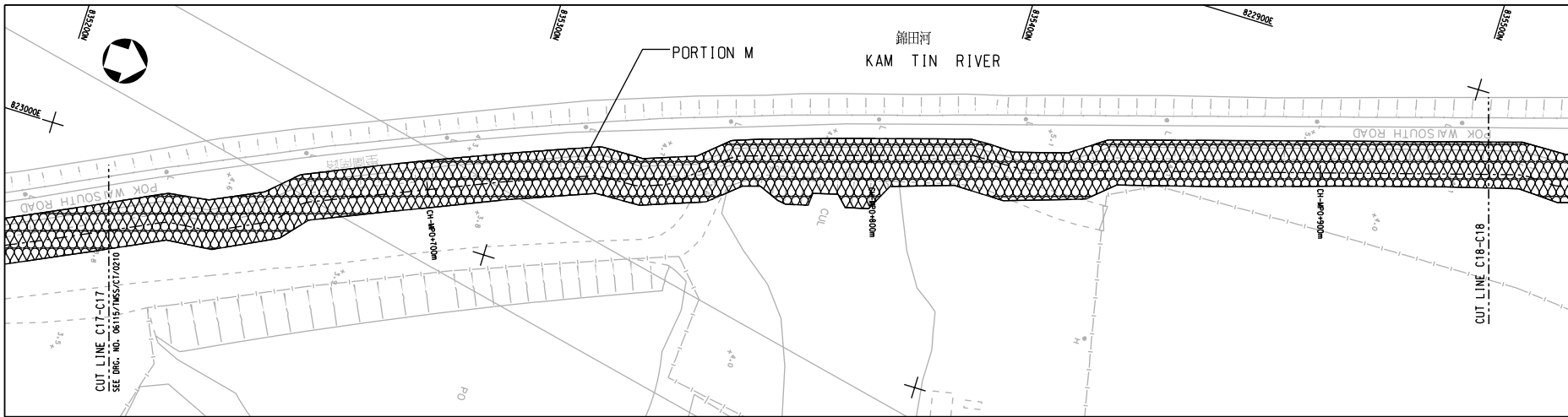
土木工程拓展署
CEDD Civil Engineering and Development Department

CONTRACT NO. YL/2013/01
CYCLE TRACKS FROM TUEN MUN TO SHEUNG SHUI - STAGE 1

PORTION OF THE SITE
(SHEET 13 OF 13)

Drawing No. 圖號	06115/TMSS/CT/00213			
Design 設計	Drawn 繪圖	Checked 校核	Scale 比例	1:500(A1)
Approved 核准	HAX	05SC	Date 日期	11/00(A3)
	TSN		Date 日期	12/13
			Status 狀態	UNDER CONSTRUCTION

URS



KEY PLAN
N.T.S.

NOTES :
1. FOR NOTES AND LEGEND, REFER TO DRG. NO. 06115/TMSS/CT/0202.

Rev. 修訂	Date 日期	Description 內容修訂	Drawn 繪圖	Checked 校核
-	12/13	ISSUE FOR CONSTRUCTION	NYH	GT

土木工程拓展署
Civil Engineering and
Development Department

CONTRACT NO. YL/2013/01
CYCLE TRACKS FROM TUEN MUN
TO SHEUNG SHUI - STAGE 1

PORTION OF THE SITE
(SHEET 11 OF 13)

Drawing No. 圖號	06115/TMSS/CT/00211			
Design 設計	GT	Drawn 繪圖	HAX	Checked 校核
Approved 批准	TSN	Date 日期	12/13	Status 狀態
CONSTRUCTION				

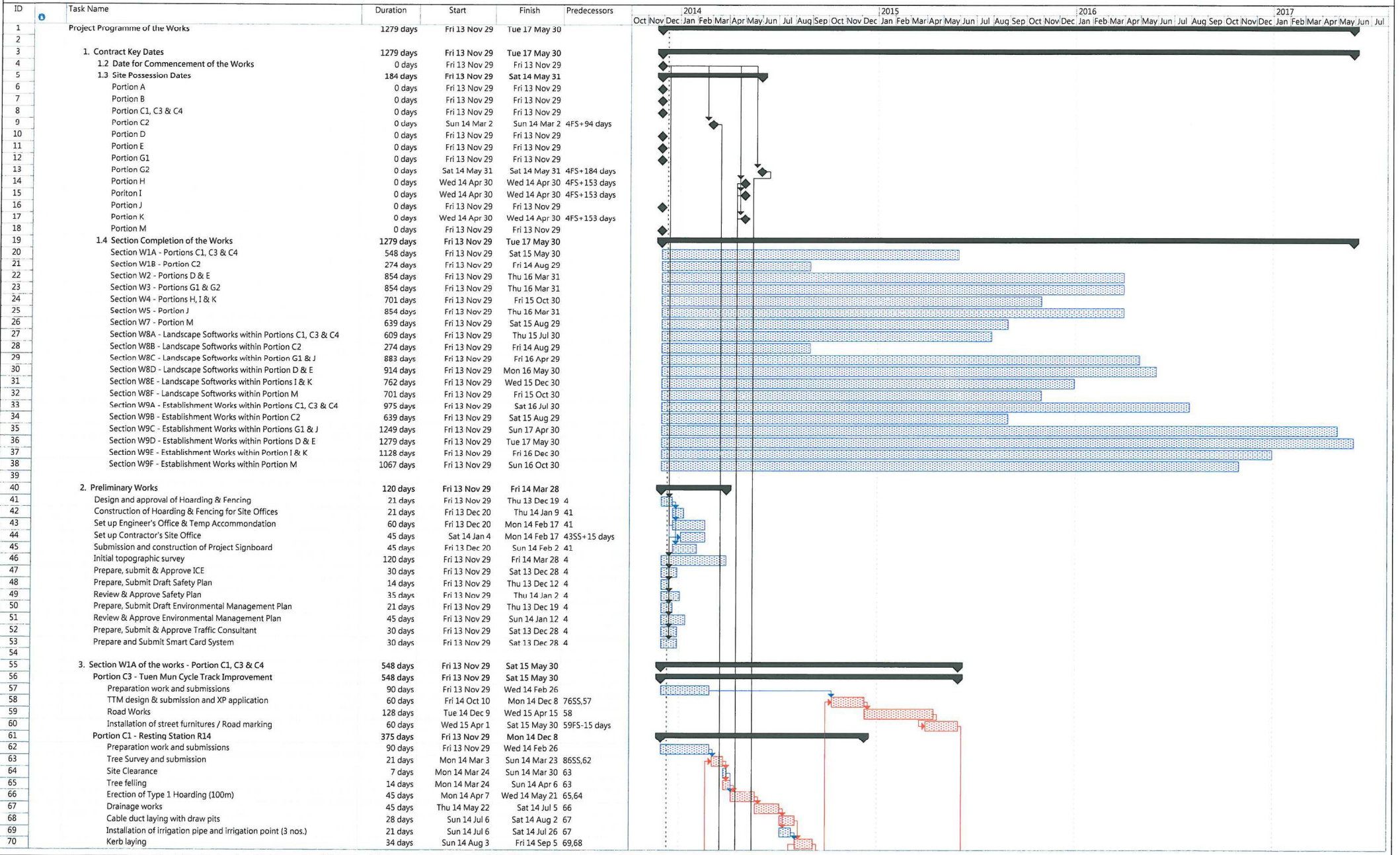


APPENDIX 2

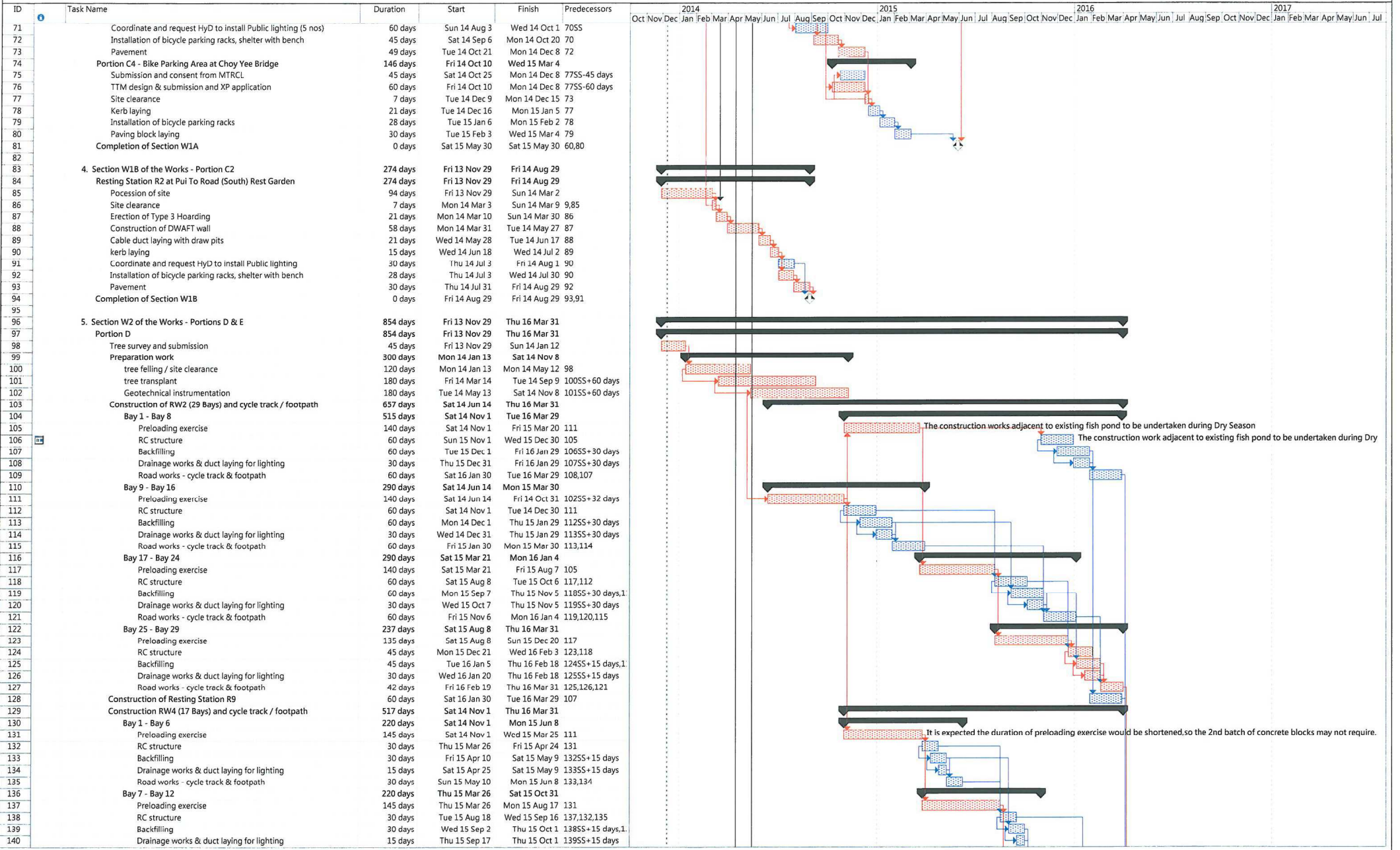
CONSTRUCTION PROGRAMME

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



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



The construction works adjacent to existing fish pond to be undertaken during Dry Season

The construction work adjacent to existing fish pond to be undertaken during Dry

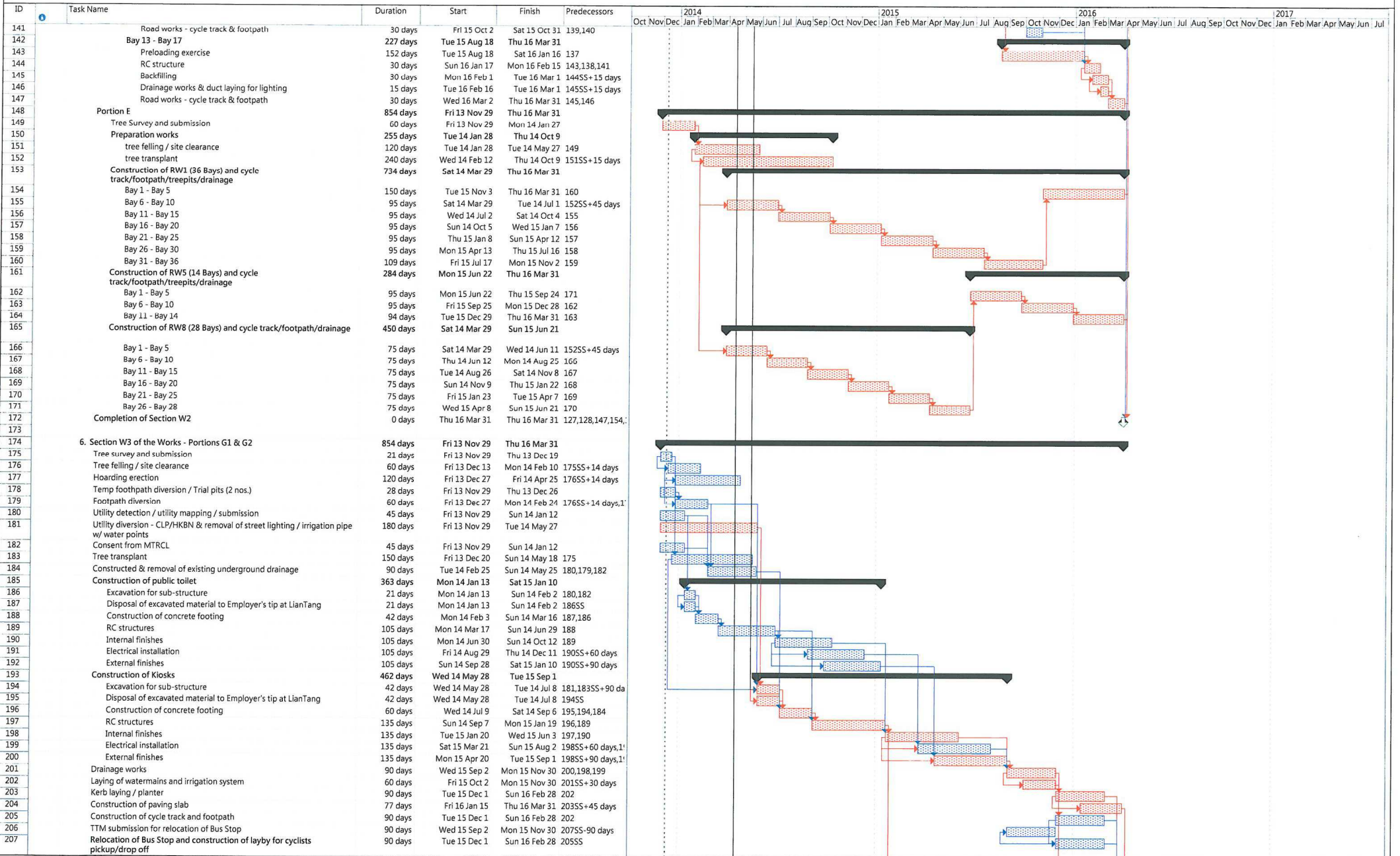
It is expected the duration of preloading exercise would be shortened,so the 2nd batch of concrete blocks may not require.

Project: YL/2013/01 Data Date: 29 Nov 2013 Submission: 09 Dec 2013	Task	Progress	Summary	Rolled Up Critical Task	Rolled Up Progress	External Tasks	Group By Summary
	Critical Task	Milestone	Rolled Up Task	Rolled Up Milestone	Split	Project Summary	Deadline

Page 2

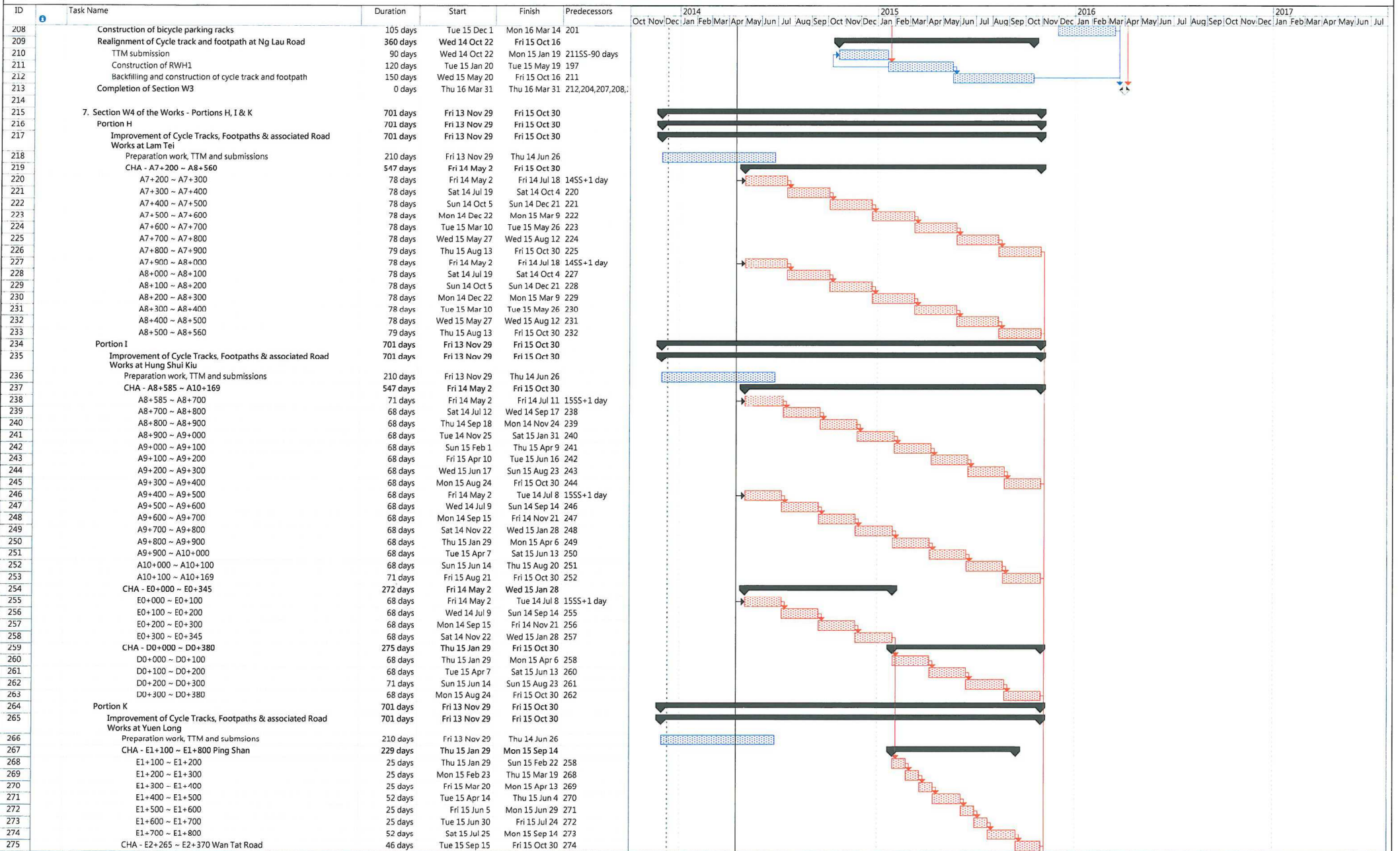
Cycle Tracks Programme of Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



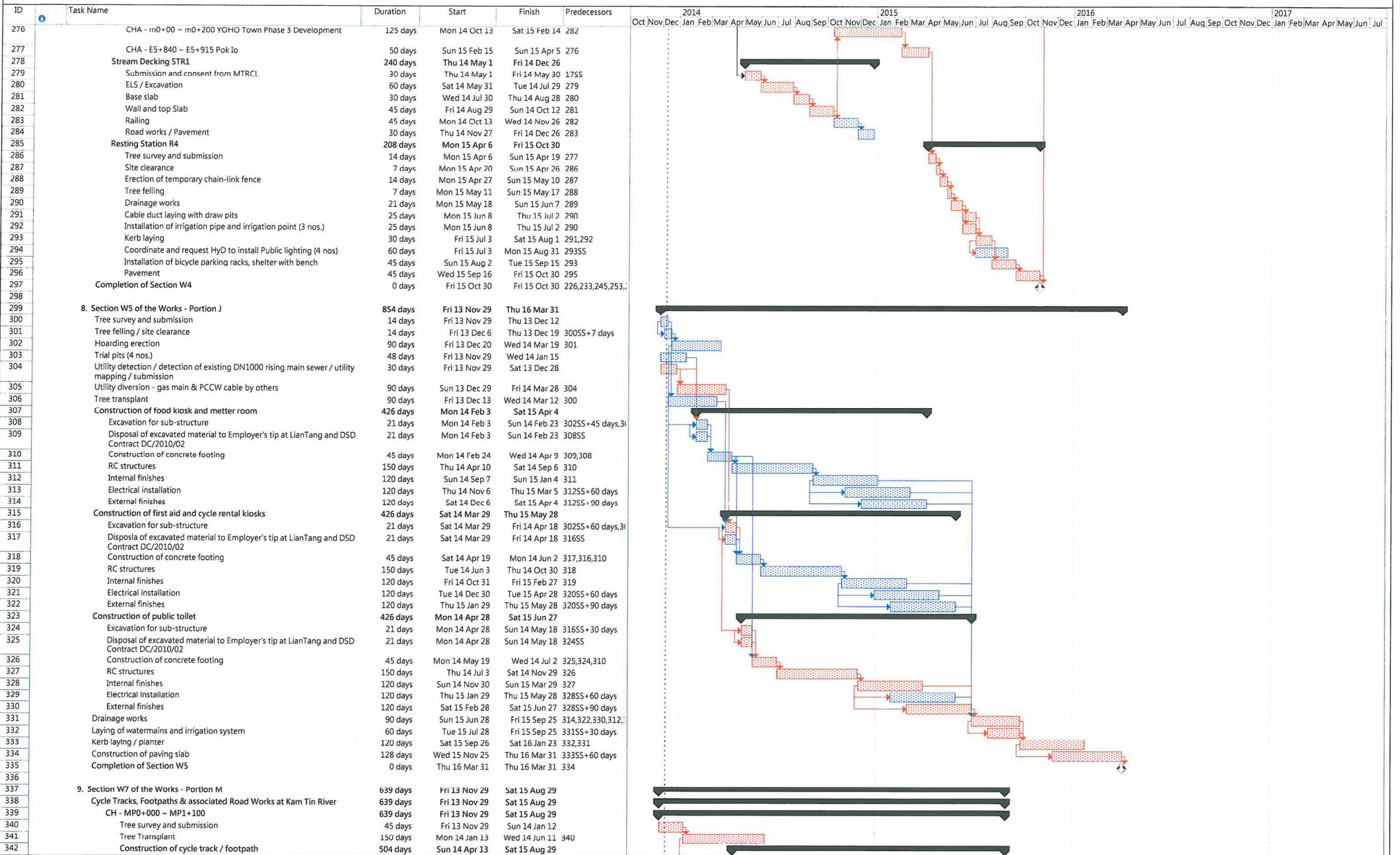
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



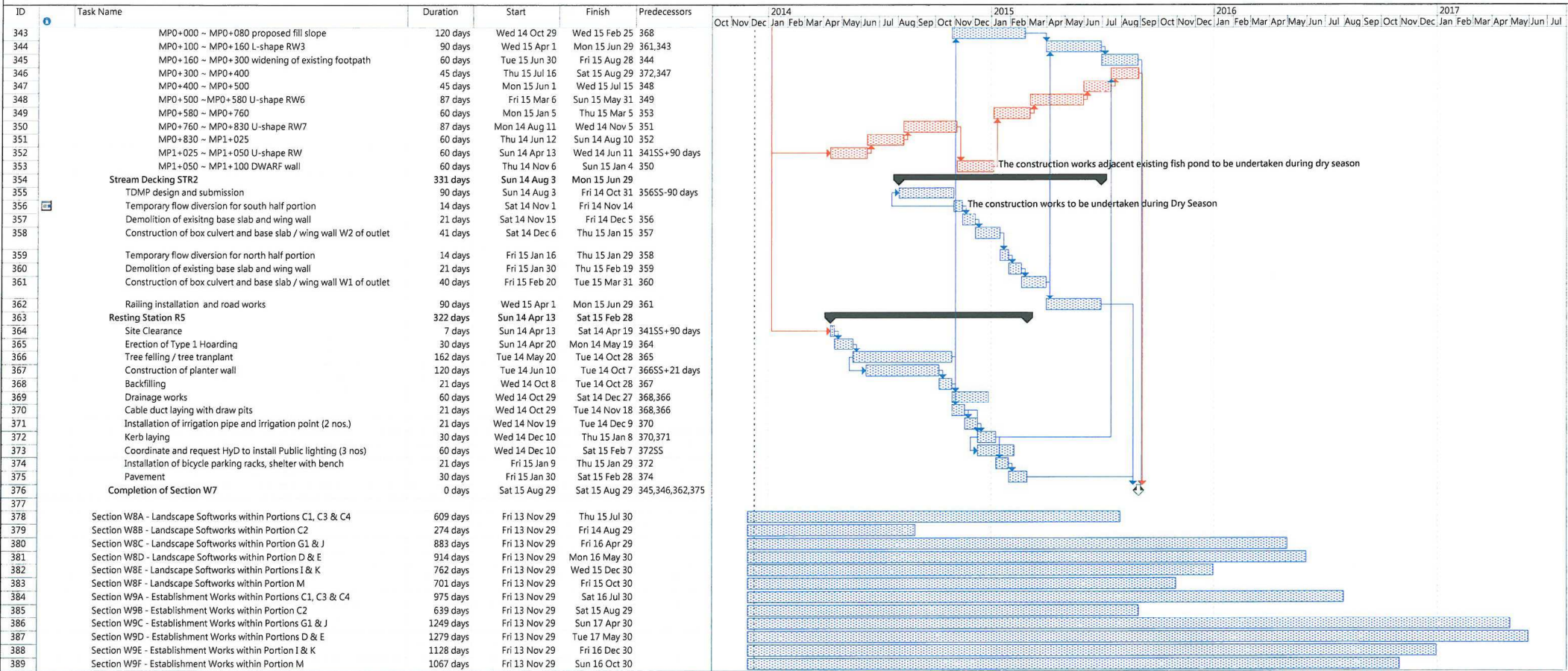
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 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	Mr. Y.W. Fung	Environmental Team Leader	3922 9366
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Vincent Kwan	Resident Engineer	2672 7938
Sang Hing – Kuly Joint Venture	Mr. Jeff Chan	Project Manager	9606 2398
Sang Hing – Kuly Joint Venture	Mr. W.K. Tang	Site Agent	9300 7037
Sang Hing – Kuly Joint Venture	Mr. Michael Wan	Site Environmental Officer	9222 3089
Fugro Hong Kong Ltd.	Mr. Colin Yung	Independent Environmental Checker	3565 4114

APPENDIX 4

CUMULATIVE LOG OF COMPLAINTS

CUMULATIVE LOG OF COMPLAINTS

Environmental Parameters	No. of Outstanding Complaints	No. of complaints received in this reporting month	Cumulative no. of complaints received since commencement of project
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Others	0	0	1
Total	0	0	1

APPENDIX 5

WEEKLY ENVIRONMENTAL WALK RECORDS

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

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

Weekly Environmental Walk No. 159 (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 4 MAY 2017

Time 10:00 - 12:30

Persons making the inspection:

Name in Block Letters

1. ANTHONY CHAN
2. SAMUEL
3. ROGER WONG
4. SAMMI LAM
5. _____
6. _____
7. _____
8. _____

Designation

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

Signature

AC
Samuel Wong
Sammi Lam

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	SHEK SHEUNG RIVER	FALLEN LEAVES WERE FOUND IN DRAINAGE	10 MAY 2017	TO BE FOLLOWED UP	
2.					
3.					
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative
Environmental Team's Representative Sammi Lam

Contractor's Agent or his Representative AC
Landscape Architect _____

Part II : (To be countersigned after ALL actions are completed)

Contractor's *Environmental
Officer/Assigned Person _____

The Environmental Team's Representative _____

Date _____

Date _____

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk (No.159)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 4 MAY 2017 Time 10:00 - 12:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 23.9 °C
Wind: slr Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): SHEUNG YUE RIVER, SHEK SHEUNG RIVER

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>ANTHONY CHAN</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>SAMUEL WONG</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>ROGER WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>SAMMI LAM</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

	YES	NO	N/A	REMARK*
1 GENERAL				
a. Environmental Permit (EP) copy at place of work	(<input checked="" type="checkbox"/>)	()	()	
b. Environmental posters/notices at place of work	(<input checked="" type="checkbox"/>)	()	()	
c. Site kept clean and tidy	(<input checked="" type="checkbox"/>)	()	()	
d. Engine shut off when not in use	(<input checked="" type="checkbox"/>)	()	()	
e. Proper maintenance of site plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
f. Other: Please specify	()	()	()	
2. AIR POLLUTION				
a. Site Perimeter Hoardings provided as required	()	()	(<input checked="" type="checkbox"/>)	
b. Haul Road paved or kept wet	(<input checked="" type="checkbox"/>)	()	()	
c. Water spraying during loading and unloading of dusty material	()	()	(<input checked="" type="checkbox"/>)	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	(<input checked="" type="checkbox"/>)	()	()	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	()	()	(<input checked="" type="checkbox"/>)	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	(<input checked="" type="checkbox"/>)	()	()	
g. Vehicle wheels washed before leaving site	(<input checked="" type="checkbox"/>)	()	()	
h. Dump trucks fitted with mechanical tarpaulin cover	(<input checked="" type="checkbox"/>)	()	()	
i. Dusty loads on vehicles covered by tarpaulin	(<input checked="" type="checkbox"/>)	()	()	
j. Vehicle speed control (8KM/hr) on site	(<input checked="" type="checkbox"/>)	()	()	
k. Black smoke emission control from site plant	(<input checked="" type="checkbox"/>)	()	()	
l. No opening burning of debris on site	(<input checked="" type="checkbox"/>)	()	()	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
n. Other: Please specify	()	()	()	
3 WATER POLLUTION				
a. Tightly sealed closed grab excavator used for river channel excavation works	()	()	(<input checked="" type="checkbox"/>)	
b. River excavation works sections by sections as required	(<input checked="" type="checkbox"/>)	()	()	
c. Splashing of sediment avoided during transfer	()	()	(<input checked="" type="checkbox"/>)	
d. Floating debris in river cleared	(<input checked="" type="checkbox"/>)	()	()	
e. Leakage from plant & vessel avoided	(<input checked="" type="checkbox"/>)	()	()	
f. Wheel washing bay desilted regularly	(<input checked="" type="checkbox"/>)	()	()	
g. Temporary drainage diversion provided as required	(<input checked="" type="checkbox"/>)	()	()	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	(<input checked="" type="checkbox"/>)	()	()	
i. Silt traps, sedimentation tank & drainages cleared	()	(<input checked="" type="checkbox"/>)	()	<u>FALLEN LEAVES WERE FOUND IN DRAINAGE</u>
J. Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	(<input checked="" type="checkbox"/>)	()	()	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	(<input checked="" type="checkbox"/>)	()	()	
p. Other: Please specify	()	()	()	

	YES	NO	N/A	REMARK*
4. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works 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 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 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	()	()	()	
7. OTHER COMMENTS				
a.	_____			
b.	_____			
c.	_____			

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

Signed By




Name & Title: **SAMMI LAM**
Environmental Team's Representative

Signed By



Name & Title: **ROGER WONG (WSI)**
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. 159
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	<p>To be followed up</p>
Item no. 3(i)	Rectified Date: To be followed up
Description: Fallen leaves were found in drainage	Follow up Action Taken: To be followed up
Location: Shek Sheung 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. 160 (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 11 MAY 2017

Time 09:30 - 12:00

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. SAMUEL WONG
2. /
3. TONG LAM
4. SAMMI LAM
5. _____
6. _____
7. _____
8. _____

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

- Samuel Wong

Tong Lam

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.					
2.					
3.					
4.		NO OBSERVATION OR REMINDER FOR THIS INSPECTION			
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 Tong Lam
Environmental Team's Representative Sammi Lam

Contractor's Agent or his Representative Samuel Wong
Landscape Architect _____

Part II : (To be countersigned after ALL actions are completed)

Contractor's *Environmental Officer/Assigned Person _____

The Environmental Team's Representative _____

Date _____

Date _____

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk (No. 160)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 11 MAY 2017
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy
Wind: Calm/Light/Breeze/Strong
Location(s): SHEUNG YUE RIVER, SHEK SHEUNG RIVER

Time 09:30-12:00
Temperature: 29.0 °C
Humidity: High/Moderate/Low

Person(s) making the inspection:

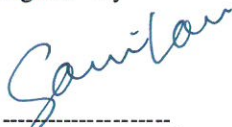
<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>SAMUEL WONG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>/</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>TONG LAM</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>SAMMI LAM</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

	YES	NO	N/A	REMARK*
1 GENERAL				
a. Environmental Permit (EP) copy at place of work	(<input checked="" type="checkbox"/>)	()	()	
b. Environmental posters/notices at place of work	(<input checked="" type="checkbox"/>)	()	()	
c. Site kept clean and tidy	(<input checked="" type="checkbox"/>)	()	()	
d. Engine shut off when not in use	(<input checked="" type="checkbox"/>)	()	()	
e. Proper maintenance of site plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
f. Other: Please specify	()	()	()	
2. AIR POLLUTION				
a. Site Perimeter Hoardings provided as required	()	()	(<input checked="" type="checkbox"/>)	
b. Haul Road paved or kept wet	(<input checked="" type="checkbox"/>)	()	()	
c. Water spraying during loading and unloading of dusty material	()	()	(<input checked="" type="checkbox"/>)	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	(<input checked="" type="checkbox"/>)	()	()	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	()	()	(<input checked="" type="checkbox"/>)	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	(<input checked="" type="checkbox"/>)	()	()	
g. Vehicle wheels washed before leaving site	(<input checked="" type="checkbox"/>)	()	()	
h. Dump trucks fitted with mechanical tarpaulin cover	(<input checked="" type="checkbox"/>)	()	()	
i. Dusty loads on vehicles covered by tarpaulin	(<input checked="" type="checkbox"/>)	()	()	
j. Vehicle speed control (8KM/hr) on site	(<input checked="" type="checkbox"/>)	()	()	
k. Black smoke emission control from site plant	(<input checked="" type="checkbox"/>)	()	()	
l. No opening burning of debris on site	(<input checked="" type="checkbox"/>)	()	()	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
n. Other: Please specify	()	()	()	
3 WATER POLLUTION				
a. Tightly sealed closed grab excavator used for river channel excavation works	()	()	(<input checked="" type="checkbox"/>)	
b. River excavation works sections by sections as required	(<input checked="" type="checkbox"/>)	()	()	
c. Splashing of sediment avoided during transfer	()	()	(<input checked="" type="checkbox"/>)	
d. Floating debris in river cleared	(<input checked="" type="checkbox"/>)	()	()	
e. Leakage from plant & vessel avoided	(<input checked="" type="checkbox"/>)	()	()	
f. Wheel washing bay desilted regularly	(<input checked="" type="checkbox"/>)	()	()	
g. Temporary drainage diversion provided as required	(<input checked="" type="checkbox"/>)	()	()	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	(<input checked="" type="checkbox"/>)	()	()	
i. Silt traps, sedimentation tank & drainages cleared	(<input checked="" type="checkbox"/>)	()	()	
J. Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	(<input checked="" type="checkbox"/>)	()	()	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	(<input checked="" type="checkbox"/>)	()	()	
p. Other: Please specify	()	()	()	

	YES	NO	N/A	REMARK*
4. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works 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 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 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	()	()	()	
7. OTHER COMMENTS				
a.	_____			
b.	_____			
c.	_____			

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

Signed By



Name & Title: **SAMMI LAM**
Environmental Team's Representative

Signed By



Name & Title: **TONG LAM**
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. 161 (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 17 MAY 2017

Time 09:30 - 12:00

Persons making the inspection:

Name in Block Letters

1. SAMUEL WONG
2. /
3. ROGER WONG
4. SAMMI LAM
5. JAMIE TAM
6. _____
7. _____
8. _____

Designation

- Contractor's Agent (or his Representative)
- Environmental Officer (or Environmental Supervisor)
- The Engineer's Nominated Site Representative
- Environmental Team's Representative
- IEC
- _____
- _____
- _____

Signature

Samuel Wong

Sammi Lam

Jamie Tam

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.					
2.					
3.					
4.		NO OBSERVATION OR	REMINDER FOR THIS	INSPECTION	
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 [Signature]
Environmental Team's Representative [Signature]

Contractor's Agent or his Representative Samuel Wong
Landscape Architect _____

Part II : (To be countersigned after ALL actions are completed)

Contractor's *Environmental Officer/Assigned Person _____

The Environmental Team's Representative _____

Date _____

Date _____

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk (No. 161)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 17 MAY 2017 Time 09:30-12:00
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 26.0 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): SHEUNG YUE RIVER, SHEK SHEUNG RIVER

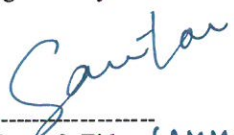
Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>SAMUEL WONG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>ROGER WONG</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>SAMMI LAM</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>JAMIE TAM</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>


	YES	NO	N/A	REMARK*
1 GENERAL				
a. Environmental Permit (EP) copy at place of work	(<input checked="" type="checkbox"/>)	()	()	
b. Environmental posters/notices at place of work	(<input checked="" type="checkbox"/>)	()	()	
c. Site kept clean and tidy	(<input checked="" type="checkbox"/>)	()	()	
d. Engine shut off when not in use	(<input checked="" type="checkbox"/>)	()	()	
e. Proper maintenance of site plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
f. Other: Please specify	()	()	()	
2. AIR POLLUTION				
a. Site Perimeter Hoardings provided as required	()	()	(<input checked="" type="checkbox"/>)	
b. Haul Road paved or kept wet	(<input checked="" type="checkbox"/>)	()	()	
c. Water spraying during loading and unloading of dusty material	()	()	(<input checked="" type="checkbox"/>)	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	(<input checked="" type="checkbox"/>)	()	()	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	()	()	(<input checked="" type="checkbox"/>)	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	(<input checked="" type="checkbox"/>)	()	()	
g. Vehicle wheels washed before leaving site	(<input checked="" type="checkbox"/>)	()	()	
h. Dump trucks fitted with mechanical tarpaulin cover	(<input checked="" type="checkbox"/>)	()	()	
i. Dusty loads on vehicles covered by tarpaulin	(<input checked="" type="checkbox"/>)	()	()	
j. Vehicle speed control (8KM/hr) on site	(<input checked="" type="checkbox"/>)	()	()	
k. Black smoke emission control from site plant	(<input checked="" type="checkbox"/>)	()	()	
l. No opening burning of debris on site	(<input checked="" type="checkbox"/>)	()	()	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
n. Other: Please specify	()	()	()	
3 WATER POLLUTION				
a. Tightly sealed closed grab excavator used for river channel excavation works	()	()	(<input checked="" type="checkbox"/>)	
b. River excavation works sections by sections as required	(<input checked="" type="checkbox"/>)	()	()	
c. Splashing of sediment avoided during transfer	()	()	(<input checked="" type="checkbox"/>)	
d. Floating debris in river cleared	(<input checked="" type="checkbox"/>)	()	()	
e. Leakage from plant & vessel avoided	(<input checked="" type="checkbox"/>)	()	()	
f. Wheel washing bay desilted regularly	(<input checked="" type="checkbox"/>)	()	()	
g. Temporary drainage diversion provided as required	(<input checked="" type="checkbox"/>)	()	()	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	(<input checked="" type="checkbox"/>)	()	()	
i. Silt traps, sedimentation tank & drainages cleared	(<input checked="" type="checkbox"/>)	()	()	
J. Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	(<input checked="" type="checkbox"/>)	()	()	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	(<input checked="" type="checkbox"/>)	()	()	
p. Other: Please specify	()	()	()	

	YES	NO	N/A	REMARK*
4. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works 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 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 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	()	()	()	
7. OTHER COMMENTS				*To record the details of compliance for the checked items if applicable
a.	_____			
b.	_____			
c.	_____			

Signed By


 Name & Title: **SAMMI LAM**
 Environmental Team's Representative

Signed By


 Name & Title: **Roger Wong (WSE)**
 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. 162 (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 26 MAY 2017

Time 09:30 - 12:00

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. SAMUEL WONG
2. /
3. ROGER WONG
4. SAMMI LAM
5. _____
6. _____
7. _____
8. _____

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

Samuel Wong

Roger Wong

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.					
2.					
3.					
4.		NO OBSERVATION OR	REMINDER FOR	THIS INSPECTION	
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 Samuel Wong

Environmental Team's Representative Sammi Lam

Landscape Architect _____

Part II : (To be countersigned after ALL actions are completed)

Contractor's *Environmental Officer/Assigned Person _____

The Environmental Team's Representative _____

Date _____

Date _____

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk (No.167)
(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 MAY 2017 Time 09:30-12:00
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 25.0 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): SHEUNG YUE RIVER, SHEK SHEUNG RIVER

Person(s) making the inspection:


<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>SAMUEL WONG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>/</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>ROGER WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>SAMMI LAM</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>


	YES	NO	N/A	REMARK*
1 GENERAL				
a. Environmental Permit (EP) copy at place of work	(<input checked="" type="checkbox"/>)	()	()	
b. Environmental posters/notices at place of work	(<input checked="" type="checkbox"/>)	()	()	
c. Site kept clean and tidy	(<input checked="" type="checkbox"/>)	()	()	
d. Engine shut off when not in use	(<input checked="" type="checkbox"/>)	()	()	
e. Proper maintenance of site plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
f. Other: Please specify	()	()	()	
2. AIR POLLUTION				
a. Site Perimeter Hoardings provided as required	()	()	(<input checked="" type="checkbox"/>)	
b. Haul Road paved or kept wet	(<input checked="" type="checkbox"/>)	()	()	
c. Water spraying during loading and unloading of dusty material	()	()	(<input checked="" type="checkbox"/>)	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	(<input checked="" type="checkbox"/>)	()	()	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	()	()	(<input checked="" type="checkbox"/>)	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	(<input checked="" type="checkbox"/>)	()	()	
g. Vehicle wheels washed before leaving site	(<input checked="" type="checkbox"/>)	()	()	
h. Dump trucks fitted with mechanical tarpaulin cover	(<input checked="" type="checkbox"/>)	()	()	
i. Dusty loads on vehicles covered by tarpaulin	(<input checked="" type="checkbox"/>)	()	()	
j. Vehicle speed control (8KM/hr) on site	(<input checked="" type="checkbox"/>)	()	()	
k. Black smoke emission control from site plant	(<input checked="" type="checkbox"/>)	()	()	
l. No opening burning of debris on site	(<input checked="" type="checkbox"/>)	()	()	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
n. Other: Please specify	()	()	()	
3 WATER POLLUTION				
a. Tightly sealed closed grab excavator used for river channel excavation works	()	()	(<input checked="" type="checkbox"/>)	
b. River excavation works sections by sections as required	(<input checked="" type="checkbox"/>)	()	()	
c. Splashing of sediment avoided during transfer	()	()	(<input checked="" type="checkbox"/>)	
d. Floating debris in river cleared	(<input checked="" type="checkbox"/>)	()	()	
e. Leakage from plant & vessel avoided	(<input checked="" type="checkbox"/>)	()	()	
f. Wheel washing bay desilted regularly	(<input checked="" type="checkbox"/>)	()	()	
g. Temporary drainage diversion provided as required	(<input checked="" type="checkbox"/>)	()	()	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	(<input checked="" type="checkbox"/>)	()	()	
i. Silt traps, sedimentation tank & drainages cleared	(<input checked="" type="checkbox"/>)	()	()	
J. Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	(<input checked="" type="checkbox"/>)	()	()	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	(<input checked="" type="checkbox"/>)	()	()	
p. Other: Please specify	()	()	()	

	YES	NO	N/A	REMARK*
4. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works 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 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. Top soil 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: **SAMMI LAM**
Environmental Team's Representative

Signed By

Name & Title: **Page Wong (WSI)**
Engineer's Nominated Site Representative