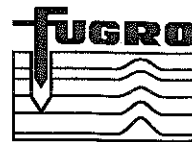


**FUGRO (HONG KONG) LIMITED CONSULTING ENGINEERS**7/F., Guardian House,  
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To	AECOM Consulting Services Limited	Ref. No.	MCLF3404
Country		Email	rodney.ip@aecom.com
Attn.	Mr. Rodney Ip	Date	15 March 2016
From	Colin Yung	No. of Pages	1 (Incl. this page)
C.c. To	Mr. Vincent Kwan (AECOM Consulting Services Limited)	Email	vincent.kwan@aecom.com
Subject	<b>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 &amp; Audit Report for February 2016</b>		

We refer to the Monthly EM&A Report Rev. 0 for February 2016 that we received through email on 15 March 2016 and are pleased to verify the captioned submission is in accordance with Condition 3.5 of the EP-450/2013.

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

Best Regards,

Colin Yung  
Independent Environmental Checker

CY/VC/by

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**Contract No. YL/2013/01****Cycle Tracks from Tuen Mun to Sheung Shui-  
Stage 1****Monthly EM&A Report for February 2016****(Designated Project Works Area)**

REVISION SCHEDULE					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	14 March 2016	EM&A Report No. 22 – Feb 2016	Adam Zhu	Rodney Ip	YT Tang
Signature					

REVISION RECORD					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	14 March 2016	EM&A Report No.22 – Feb 2016	Adam Zhu	Rodney Ip	YT Tang

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

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## **ABBREVIATION**

CEDD Civil Engineering and Development Department

C&D Construction & Demolition

CNP Construction Noise Permit

EM&A Environmental Monitoring and Audit

EMP Environmental Management Plan

EPD Environmental Protection Department

ET Environmental Team

IEC Independent Environmental Checker

NSR Noise Sensitive Receiver

NT New Territories

PME Powered Mechanical Equipment

RE Resident Engineer

TTS# Trip-ticket System

## **EXECUTIVE SUMMARY**

The ET of AECOM Consulting Services Limited (former URS Hong Kong Ltd) was commissioned by CEDD to undertake the EM&A programme for the Contract No. YL/2013/01 entitled “Cycle Tracks from Tuen Mun to Sheung Shui” for the designated project works area (the Project). Environmental Permits have been required by the EPD for this project.

This Monthly Environmental Monitoring and Audit Report No. 22 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 – 29 February 2016.

### **Construction Progress**

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

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

### **Site Inspections**

Environmental site inspections were conducted on 3, 12, 17 and 25 February 2016.

Several environmental issues have been identified by the ET during inspections including mud trail was observed on public road, accumulated rubbish was found in the site and bamboo grove, chemical containers were found without drip trays and water was found accumulated in site.

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

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

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

### **Environmental Monitoring**

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

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

### **Construction Programme for Coming Month**

Planned activities for 1 to 31 March 2016 of the Project consist of:

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

### **Reporting Changes**

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

### **Future Key Issues**

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

- Protection of trees;
- Production of solid waste;
- Production of dust;
- Production of noise; and
- Production of site run off

## 1 BASIC PROJECT INFORMATION

### 1.1 Introduction

1.1.1 AECOM Consulting Services Limited (former URS Hong Kong Ltd) has been commissioned by CEDD as ET for the construction works of 'Contract No. YL/2013/01 Cycle Track from Tuen Mun to Sheung Shui – Stage 1' (the Project). The Project commenced in November 2013 and is scheduled for completion by the end of 2016.

1.1.2 The site layout plans and the construction programme are shown in **Appendix 1** and **Appendix 2** respectively.

1.1.3 The Project comprises the following primary works elements:

- Construction of a new cycle track (with footpath) section from near Yuen Long Sha Po Tsuen connecting to the end of the existing cycle track, along Castle Peak Road – Tam Mi Section and along Pok Wai South Road (namely "Section 1");
- Construction of a new cycle track (with footpath) section from near Ho Sheung Heung along Sheung Yue River and Shek Sheung River connecting to the existing cycle track in Sheung Shui ("namely "Section 1b");
- Construction of the associated support facilities including two Resting Stations - R5 and R9 integrated with Information Kiosk;
- The associated streetscape, landscape, utilities diversions, traffic aids installation, street lighting, water, sewerage and drainage works; and
- Provision of environmental mitigation measures.

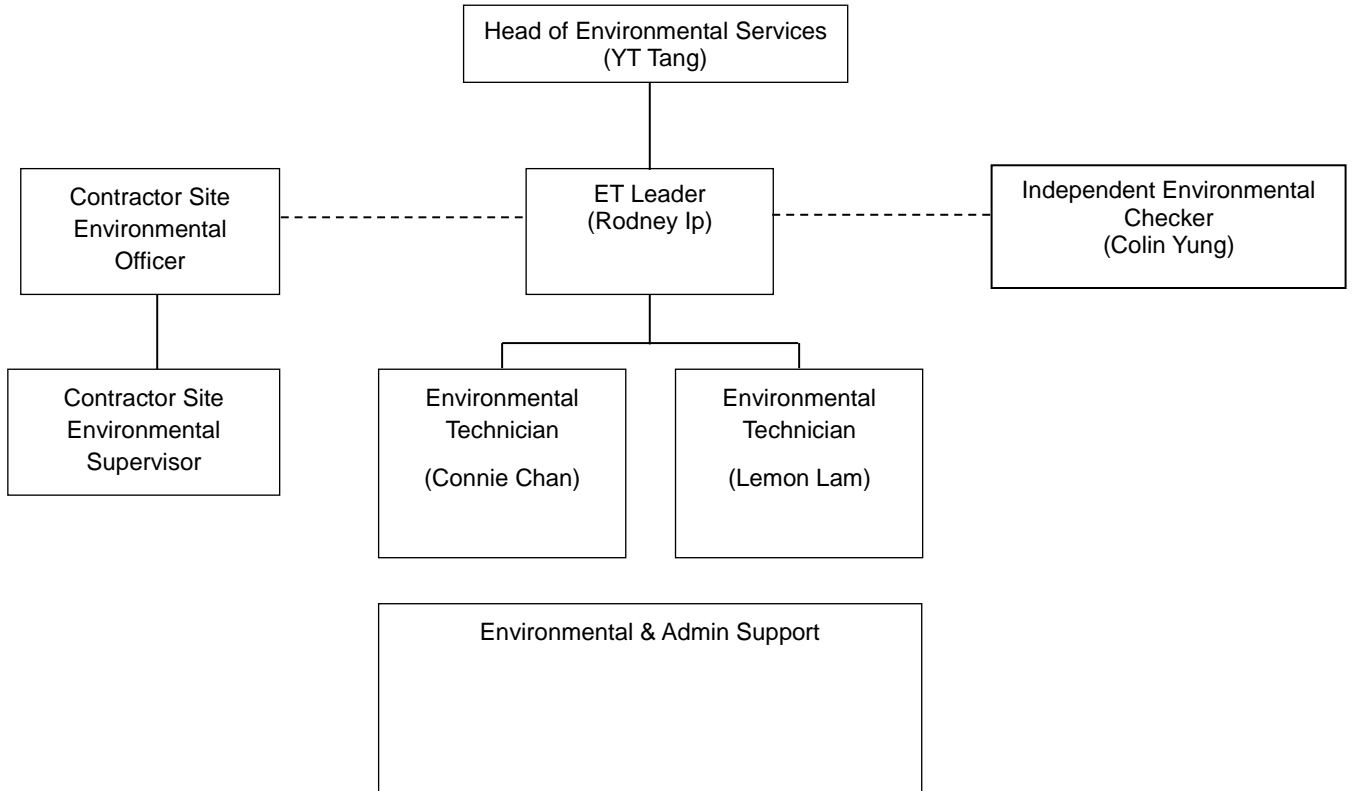
1.1.4 The Project is regulated under the Environmental Permit no. EP-450/2013 (EP). According to the EP, the monitoring and audit programme shall be implemented in accordance with the procedures and requirements as set out in the EIA Report and EM&A Manual (Register No. AEIAR-133/2009) & the "Construction of Cycle tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River Stage 1 Environmental Review EM&A Manual (2013) (EM&A Manual 2013).

1.1.5 This EM&A report is prepared in accordance with Section 12.3 of the EM&A Manual to records the results of regular site inspections, once per week, which identified environmental impacts & verification of implementation of the mitigation measures as recommended in the EM&A Manual, the Contractor's EMP. The report is to be submitted to the ER, the Contractor, the IEC and EPD.

1.1.6 The contact persons and telephone numbers of key personnel are shown in **Appendix 3**.

**1.2 Project Organization and Management**

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



**Figure 1** Organization Chart of ET

## 2 SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS

### 2.1 Works Undertaken during the Reporting Month

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

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

**Table 2.1 Work Activities for This Reporting Month**

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



Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion M (Kam Tin River)	<ul style="list-style-type: none"> <li>- Construction of Cycle Track</li> <li>- Installation of Bicycle Parapet</li> <li>- Construction of Resting Station</li> <li>- Construction of Fill Slope</li> </ul>	<ul style="list-style-type: none"> <li>- Protection of Trees</li> <li>- Production of Solid Waste</li> <li>- Production of Dust</li> <li>- Production of Noise</li> <li>- Production of dusty site runoff</li> </ul>	<ul style="list-style-type: none"> <li>- No soil, materials or equipment shall be stockpiled within the tree protection zones</li> <li>- Implementing TTS</li> <li>- Spray water to minimize dust condition</li> <li>- Works should not be commenced during restricted hours</li> <li>- Existing structures can be used to reduce noise</li> <li>- Temporary noise baffles/screen to noisy machines shall be provided</li> <li>- Extra sand bags and silt traps shall be provided</li> </ul>

Future Key Issues

2.1.3 The Contractor has provided an updated construction program in **Table 2.2** to show the planned activities for the coming two months (March and April 2016). The anticipated environmental issues are summarised as follows:

**Table 2.2 Planned Activities for the Coming Two Months (March and April 2016)**

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

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

2.1.4 The site inspection schedule for the next month (March 2016) is designated on 3, 9, 16, 23 and 30 March 2016.

### **3 STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS**

#### **3.1 Environmental Requirements**

##### **Air Quality**

3.1.1 The EM&A Manual (2013) identified that no significant impacts could arise during construction and operation of the project. No specific construction dust monitoring was recommended in the EM&A Manual (2013) given proper implementation of the dust control measures under the Air Pollution Control (Construction Dust) Regulation. General air quality control measures are recommended for implementation as good site practice.

##### **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 Waste		Quantity
Inert C&D Materials	Total Quantity Generated (in '000m <sup>3</sup> )	0.04
	Hard Rock and Large Broken Concrete (in '000m <sup>3</sup> )	0
	Reused in the Contract (in '000m <sup>3</sup> )	0
	Reused in other Projects (in '000m <sup>3</sup> )	0
	Disposed as Public Fill (in '000m <sup>3</sup> )	0.04
	Imported Fill (in '000m <sup>3</sup> )	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 <sup>3</sup> )	0.07

### **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**

<b>Item No.</b>	<b>Date of Inspection</b>	<b>Location</b>	<b>Situation Requiring Follow up Action</b>	<b>Rectification Measures</b>	<b>Date of Actions Taken</b>
1	3 February 2016	Kam Tin River	Accumulated rubbish was observed	Accumulated rubbish had been removed	10 Feb 2016
2	3 February 2016	Kam Tin River	Chemical containers without drip trays were observed	Chemical containers had been removed	17 Feb 2016
3	3 February 2016	Kam Tin River	Accumulated water was observed	Accumulated water had been removed	10 Feb 2016
4	12 February 2016	Kam Tin River	Chemical containers without drip trays were observed	Chemical containers had been removed	17 Feb 2016
5	17 February 2016	Sheung Yue River	Accumulated rubbish was observed in bamboo grove	Accumulated rubbish in bamboo grove had been removed	24 Feb 2016
6	25 February 2016	Kam Tin River	Mud trail was observed on public road	Mud trail had been cleaned up	3 Mar 2016



## 4 SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES

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

**Table 4.1 Summary of Environmental Permits/ Licenses**

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

## **5 CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMEDIAL ACTION**

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

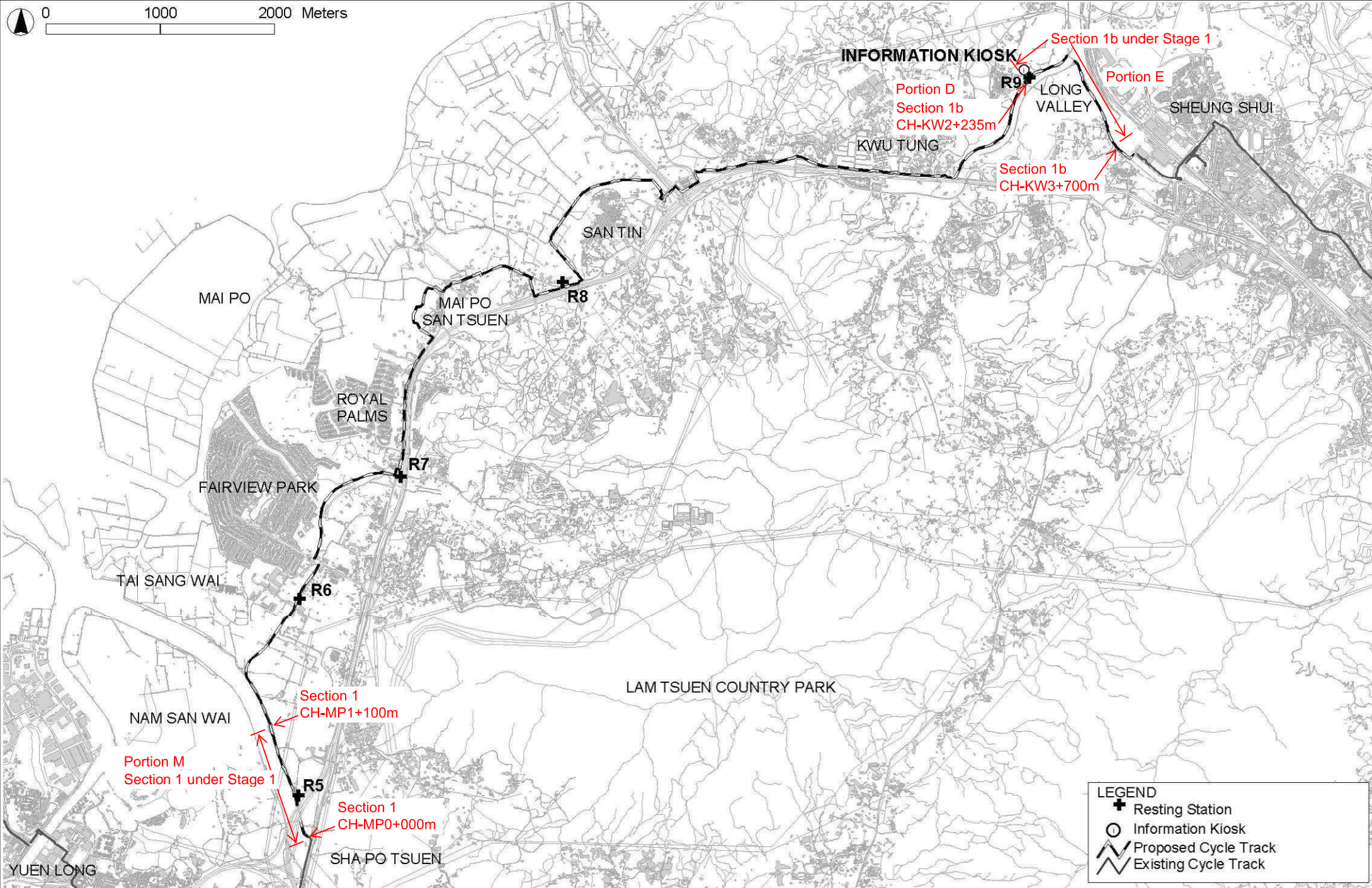
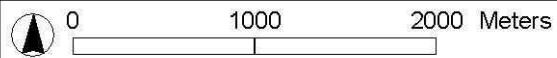
## **6 CONCLUSIONS**

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

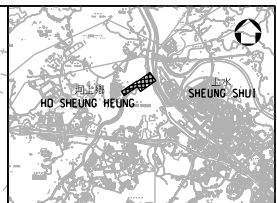
# APPENDIX 1

## SITE LAYOUT PLANS









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

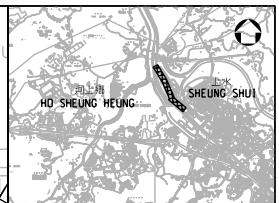
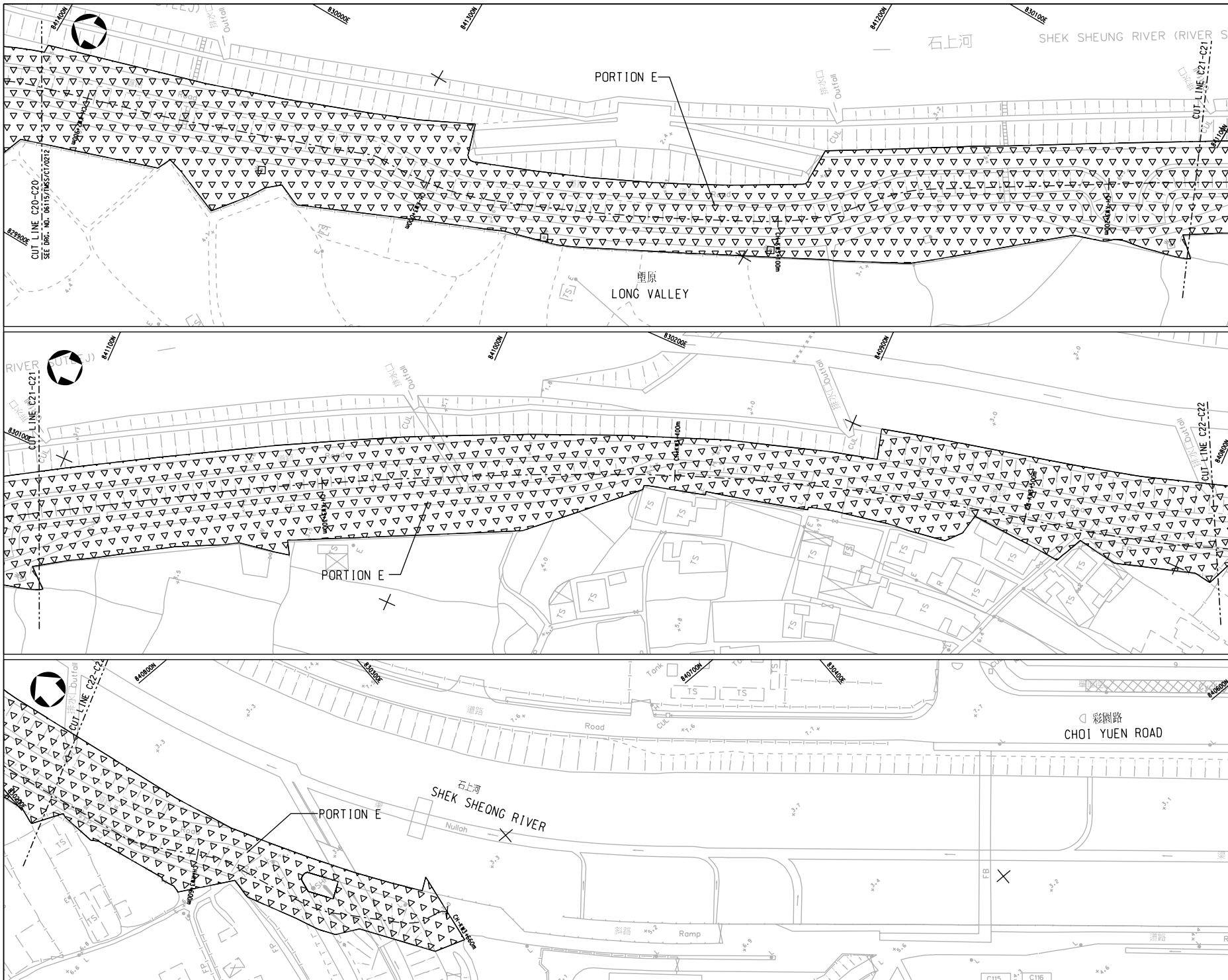
CONTRACT NO. YL/2013/01  
CYCLE TRACKS FROM TUEN MUN  
TO SHEUNG SHUI - STAGE 1

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

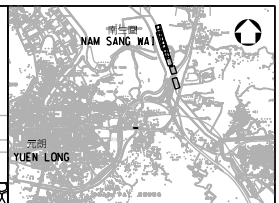
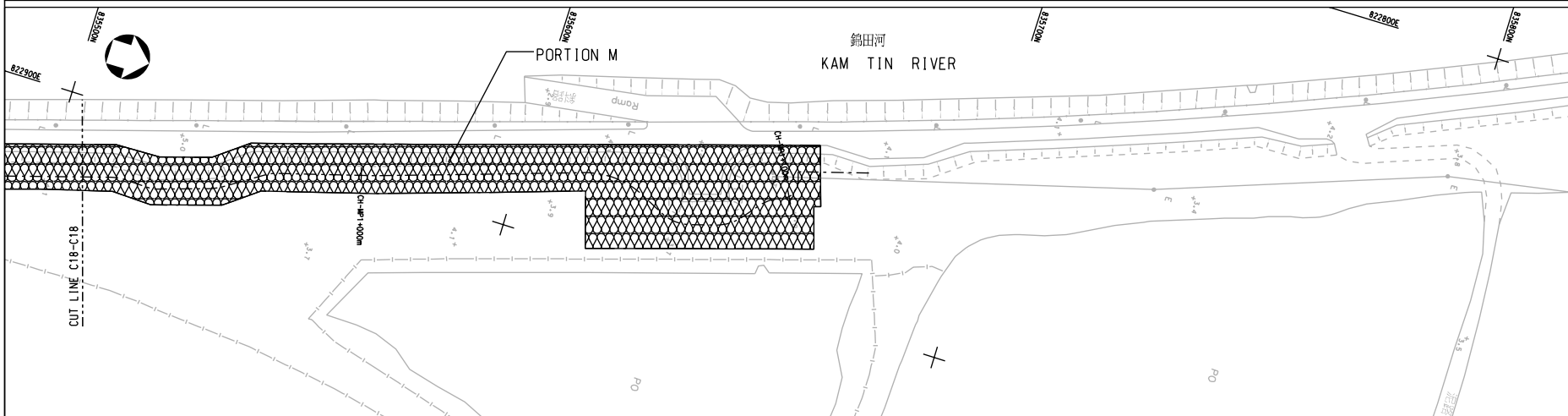
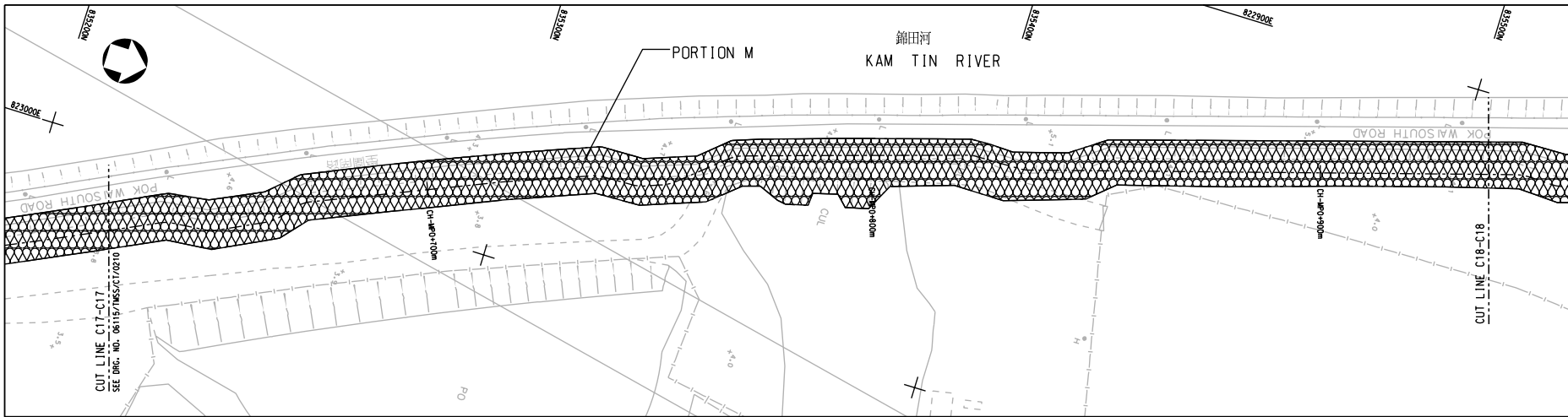
土木工程拓展署  
CEDD Civil Engineering and Development Department

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	11/000(A3)
	TSN		Date 日期	12/13
			Status 狀態	ISSUE FOR CONSTRUCTION





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)

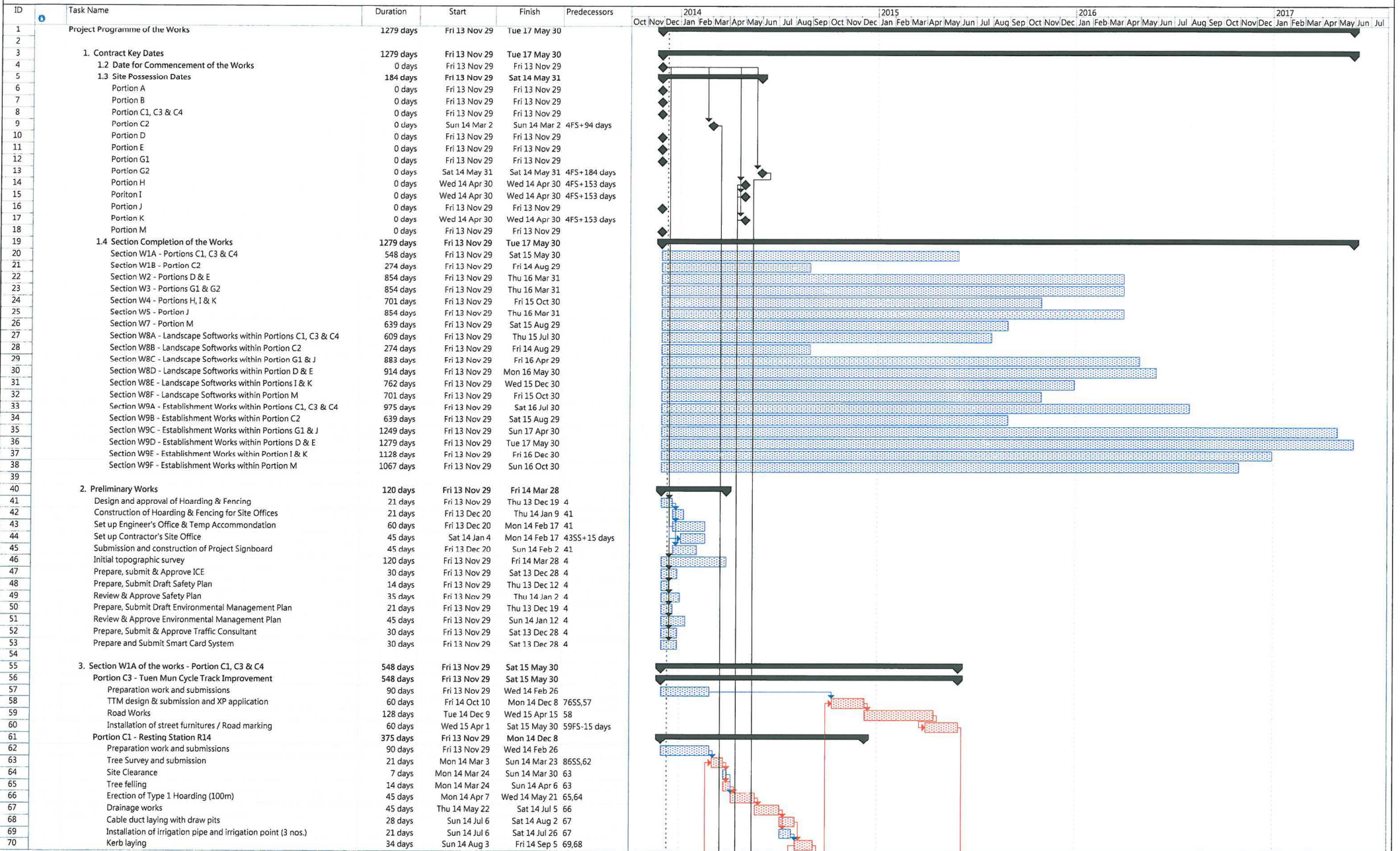
Drawing No. 圖號	06115/TMSS/CT/00211			
Design 設計	GT	HAX	Checked 校核	Scale 1:5000(A1)
Approved 批准	TSN	Date 日期	12/13	Status 狀態 CONSTRUCTION



# APPENDIX 2

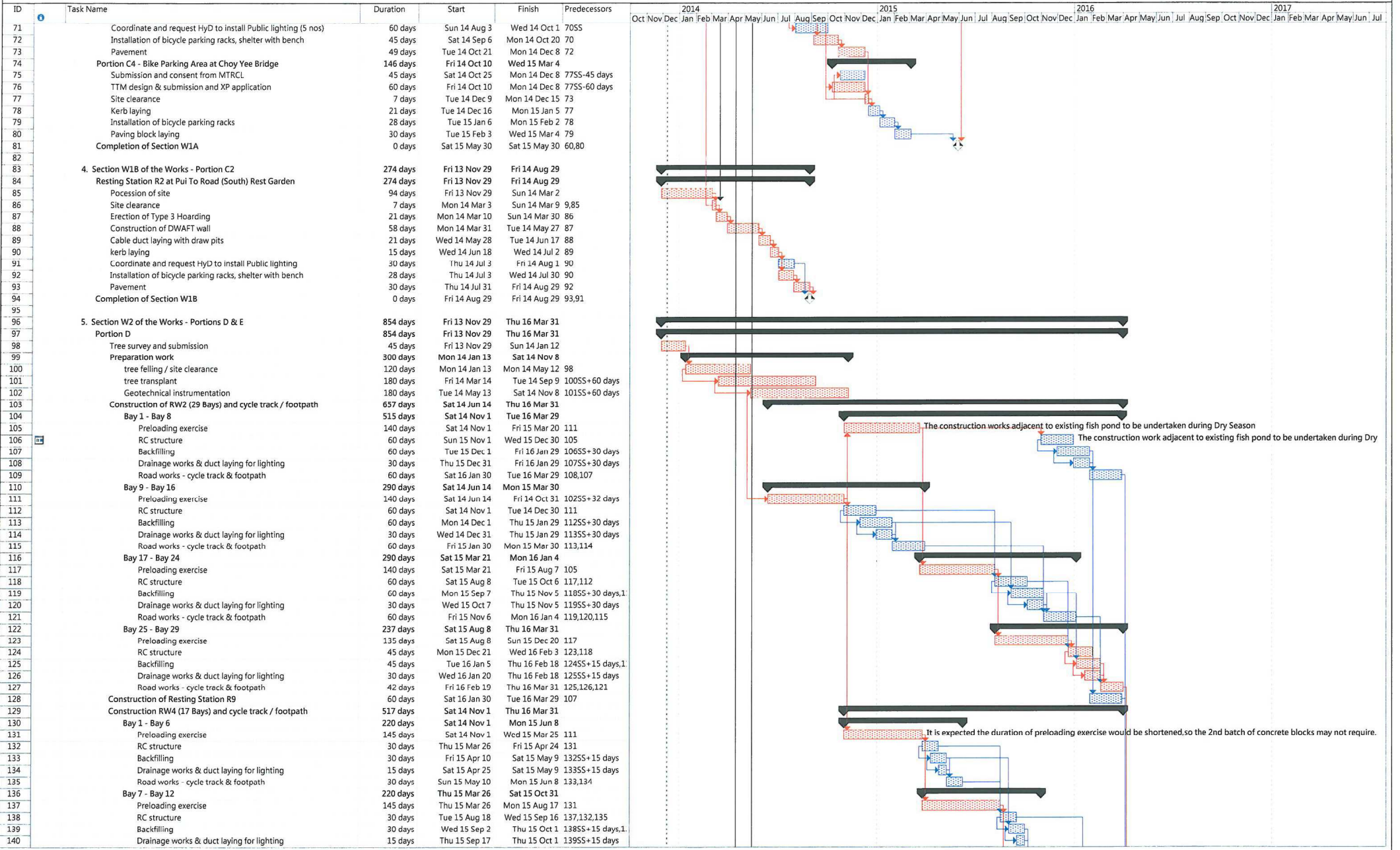
# CONSTRUCTION PROGRAMME

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

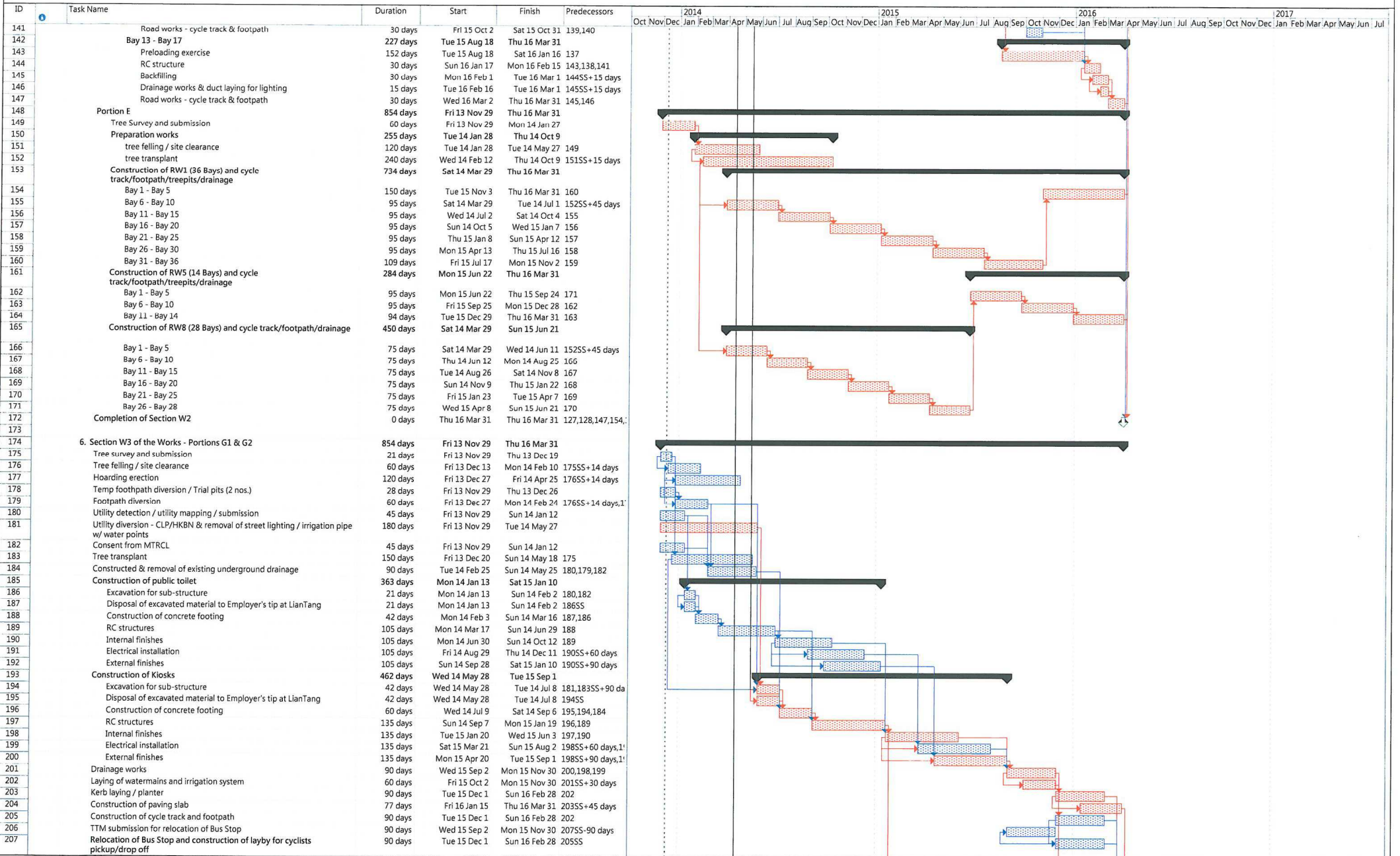
It is expected the duration of preloading exercise would be shortened,so the 2nd batch of concrete blocks may not require.

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



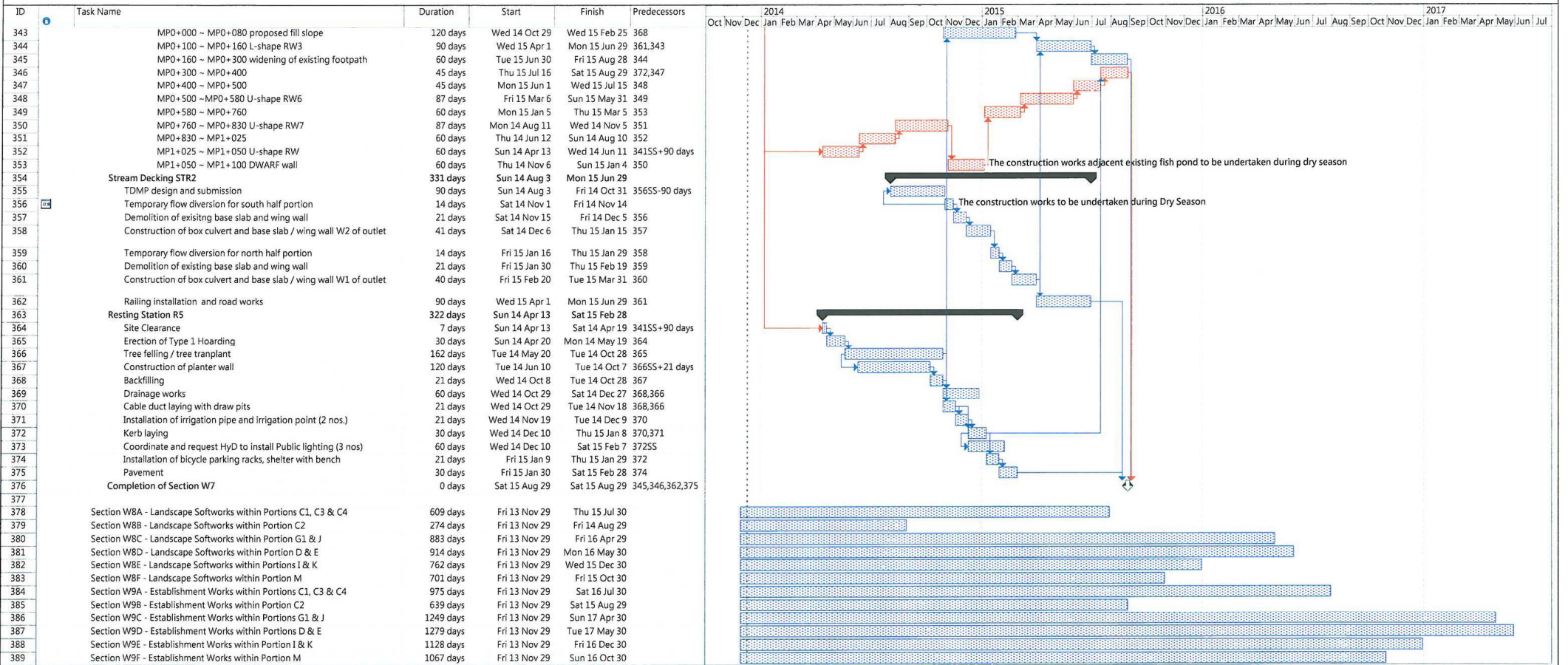








Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1  
Project Programme of the Works



# **APPENDIX 3**

## **THE CONTACT DETAILS OF KEY PERSONNEL**

**Contact Details of Key Personnel for the Project**

<b>Company / Department</b>	<b>Name</b>	<b>Position</b>	<b>Telephone</b>
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Rodney Ip	Environmental Team Leader	3922 9529
AECOM Consulting Services Limited (former URS Hong Kong Ltd.)	Mr. Vincent Kwan	Resident Engineer	2672 7938
Sang Hing – Kuly Joint Venture	Mr. Jeff Chan	Project Manager	9606 2398
Sang Hing – Kuly Joint Venture	Mr. W.K. Tang	Site Agent	9300 7037
Sang Hing – Kuly Joint Venture	Mr. Michael Wan	Site Environmental Officer	9222 3089
Fugro Hong Kong Ltd.	Mr. Colin Yung	Independent Environmental Checker	3565 4114

# **APPENDIX 4**

## **CUMULATIVE LOG OF COMPLAINTS**



**CUMULATIVE LOG OF COMPLAINTS**

<b>Environmental Parameters</b>	<b>No. of Outstanding Complaints</b>	<b>No. of complaints received in this reporting month</b>	<b>Cumulative no. of complaints received since commencement of project</b>
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. 94 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**

**Weekly Environmental Walk Inspection Report**

**Part I :**

Contract No. YL/2013/01

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

Date of Inspection 3 Feb 2016

Time 10:30 - 12:30

Persons making the inspection:



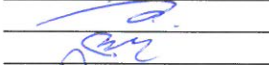
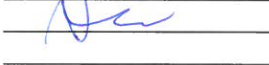

Name in Block Letters

Designation

Signature

1. Michael W. Chan
2. T. W. Wong
3. Adam Zhu
4. BONG YU
5. Aloysius Wong
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

- Contractor's Agent (or his Representative)
- Environmental Officer (or Environmental Supervisor)
- The Engineer's Nominated Site Representative
- Environmental Team's Representative
- IEC Rep.
- Landscape Architect.
- \_\_\_\_\_
- \_\_\_\_\_

- 
- 
- 
- 
- 
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	KAM Tin River	Accumulated rubbish was observed.	10-02-2016	10-2-2016	
2.	Kam Tin River	Chemical containers without drip trays were observed.	10-02-2016	17-2-2016	
3.					
4.	Kam Tin River	Accumulated water was observed.	10-02-2016	10-2-2016	
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 Adam Zhu

Contractor's Agent or his Representative Michael W. Chan

Environmental Team's Representative Adam Zhu

Landscape Architect Adam Zhu

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

Contractor's \*Environmental Officer/Assigned Person \_\_\_\_\_

The Environmental Team's Representative Adam Zhu

Date \_\_\_\_\_

Date 3-2-2016

**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. 94)**  
**(for Construction of Cycle Tracks and the Associated Supporting Facilities**  
**from Sha Po Tsuen to Shek Sheung River)**  
**Environmental Inspection Checklist**

Date of Inspection: 3. Feb. 2016 Time 10:30 - 12:30  
 Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 12.5 °C  
 Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low  
 Location(s): Kam Tin River, Sheung Yue River, Shek Sheung River

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>W. K. TANG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>MICHAEL WAN</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>T. W. WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>Adam ZHU</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>RONG YU</u>	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
<u>ALEXIS LAM WONG</u>	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

**1 GENERAL**

	YES	NO	N/A	REMARK*
a. Environmental Permit (EP) copy at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Environmental posters/notices at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Site kept clean and tidy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<del>Accumulated rubbish was found</del>
d. Engine shut off when not in use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Proper maintenance of site plant and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**2. AIR POLLUTION**

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

**3 WATER POLLUTION**

a. Tightly sealed closed grab excavator used for river channel excavation works	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. River excavation works sections by sections as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Splashing of sediment avoided during transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Floating debris in river cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Leakage from plant & vessel avoided	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps, sedimentation tank & drainages cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J. Sand bags provided at site entrance and around road gullies as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k. Water Discharge License applied as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l. Self-monitoring on site runoff/wastewater conducted as necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Chemical toilets provided as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n. Heavy Rainstorm Response Procedure displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
p. Other: Please specify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Accumulated water was observed</u>



	YES	NO	N/A	REMARK*
<b>4. NOISE POLLUTION</b>				
a. Temporary noise barriers installed at works area as needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Pneumatic percussive breakers fitted with sound mufflers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Engine flap covers kept closed of construction plant during operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Noise baffles/screens to noisy machines/site activities as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Full compliance with CNP conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>5. WASTE MANAGEMENT</b>				
a. Designated area for sorting and temporary storage of C & D materials on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Proper sorting of inert and non-inert materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Recycle bins for recycling of different materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Rubbish bins for general rubbish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Measures taken to avoid cross contamination of different wastes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Disposed of regularly to avoid excessive accumulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Accumulated rubbish was found in site
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Registration as Chemical Waste Producer as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Chemical wastes properly labeled and packaged	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Chemical wastes pending collection stored properly to avoid leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k. Used trip tickets kept for chemical waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l. Proper handling of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Proper storage of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
n. Emergency spillage procedure posted and correctly implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
o. Other: Please specify	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No drip tray for chemical container was found.
<b>6. OTHERS</b>				
a. Existing trees and vegetation maintained and protected as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Materials & Plant kept way from existing trees and vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>7. OTHER COMMENTS</b>				
a.				
b.				
c.				

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

Signed By



Name & Title:  
Environmental Team's Representative

Signed By



Name & Title:  
Engineer's Nominated Site Representative



**Civil Engineering and Development Department**  
**Contract No. YL/2013/01**  
**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1**  
**Weekly Environmental Walk No. 94**  
**(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
	
Item no. 5(f)	Rectified Date: 10 February 2016
Description: Accumulated rubbish was observed.	Follow up Action Taken: Accumulated rubbish had been removed.
Location: Kam Tin River	
	
Item no. 5(o)	Rectified Date: 17 February 2016
Description: Chemical containers without drip trays were observed.	Follow up Action Taken: Chemical containers had been removed.
Location: Kam Tin River	
	
Item no. 3(p)	Rectified Date: 10 February 2016
Description: Accumulated water was observed.	Follow up Action Taken: Accumulated water had been removed.
Location: Kam Tin 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. 95 (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 12-02-2016

Time 9:30 - 12:00

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. Michael Wan
2. Michael Wan
3. LAM CHAK SANG
4. Adam ZHU
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
- \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>KAM TUN RIVER</u>	<u>Chemical containers without drip trays were found</u>	<u>17-02-2016</u>	<u>17-02-2016</u>	
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 Adam ZHU  
 Environmental Team's Representative \_\_\_\_\_

Contractor's Agent or his Representative [Signature]  
 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. 9(5))**  
**(for Construction of Cycle Tracks and the Associated Supporting Facilities**  
**from Sha Po Tsuen to Shek Sheung River)**  
**Environmental Inspection Checklist**

Date of Inspection: 12-2-2016 Time 9:30 am - 12:00 pm  
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 17.3 °C  
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low  
Location(s): KAM TIN RIVER, SHEUNG YUE RIVER, SHEK SHEUNG RIVER

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>MICHAEL WAN</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>MICHAEL WAN</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>ADAM ZHU</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</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>

**1 GENERAL**

	YES	NO	N/A	REMARK*
a. Environmental Permit (EP) copy at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Environmental posters/notices at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Site kept clean and tidy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Engine shut off when not in use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Proper maintenance of site plant and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**2 AIR POLLUTION**

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

**3 WATER POLLUTION**

a. Tightly sealed closed grab excavator used for river channel excavation works	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. River excavation works sections by sections as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Splashing of sediment avoided during transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Floating debris in river cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Leakage from plant & vessel avoided	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps, sedimentation tank & drainages cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J. Sand bags provided at site entrance and around road gullies as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k. Water Discharge License applied as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l. Self-monitoring on site runoff/wastewater conducted as necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Chemical toilets provided as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n. Heavy Rainstorm Response Procedure displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
p. Other: Please specify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



	YES	NO	N/A	REMARK*
<b>4. NOISE POLLUTION</b>				
a. Temporary noise barriers installed at works area as needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Pneumatic percussive breakers fitted with sound mufflers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Engine flap covers kept closed of construction plant during operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Noise baffles/screens to noisy machines/site activities as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Full compliance with CNP conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>5. WASTE MANAGEMENT</b>				
a. Designated area for sorting and temporary storage of C & D materials on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Proper sorting of inert and non-inert materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Recycle bins for recycling of different materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Rubbish bins for general rubbish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Measures taken to avoid cross contamination of different wastes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Disposed of regularly to avoid excessive accumulation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Registration as Chemical Waste Producer as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Chemical wastes properly labeled and packaged	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Chemical wastes pending collection stored properly to avoid leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k. Used trip tickets kept for chemical waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l. Proper handling of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Proper storage of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
n. Emergency spillage procedure posted and correctly implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
o. Other: Please specify	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No drip tray for chemical containers were found.

<b>6. OTHERS</b>				
a. Existing trees and vegetation maintained and protected as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Materials & Plant kept way from existing trees and vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

7. OTHER COMMENTS

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

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



Signed By \_\_\_\_\_

Name & Title: Adam Zhu, ABC  
Environmental Team's Representative

Signed By \_\_\_\_\_

Name & Title: LAM CHAK SANG SLOW  
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. 95**  
**(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
	
Item no. 5(o)	Rectified Date: 17 February 2016
Description: Chemicals without drip trays were found in site. (Repeat)	Follow up Action Taken: Chemical containers had been removed.
Location: Kam Tin 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. 96 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 17-2-2015

Time 9:30 - 12:30

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. W.K. TANG
2. MICHAEL WAN
3. T.W. WONG
4. ADAM ZHU
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
- \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Sheung Yue River</u>	<u>Accumulated rubbish was observed in bamboo grove at Sheung Yue River.</u>	<u>24-2-2016</u>	<u>24-2-2016</u>	
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 [Signature]  
 Environmental Team's Representative \_\_\_\_\_

Contractor's Agent or his Representative [Signature]  
 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. 76)**  
**(for Construction of Cycle Tracks and the Associated Supporting Facilities**  
**from Sha Po Tsuen to Shek Sheung River)**  
**Environmental Inspection Checklist**

Date of Inspection: 17-2-2015 Time 9:30-12:30  
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 12.9°C  
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low  
Location(s): Kam Tin River, Sheung Yue River, Shek Sheung River

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>W.K. TANG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>MICHAEL WAN</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>T.W. WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>ADAM ZHU</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>

**1 GENERAL**

	YES	NO	N/A	REMARK*
a. Environmental Permit (EP) copy at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Environmental posters/notices at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Site kept clean and tidy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Engine shut off when not in use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Proper maintenance of site plant and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**2. AIR POLLUTION**

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

**3 WATER POLLUTION**

a. Tightly sealed closed grab excavator used for river channel excavation works	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. River excavation works sections by sections as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Splashing of sediment avoided during transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Floating debris in river cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Leakage from plant & vessel avoided	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps, sedimentation tank & drainages cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J. Sand bags provided at site entrance and around road gullies as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k. Water Discharge License applied as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l. Self-monitoring on site runoff/wastewater conducted as necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Chemical toilets provided as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n. Heavy Rainstorm Response Procedure displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
p. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	YES	NO	N/A	REMARK*
<b>4. NOISE POLLUTION</b>				
a. Temporary noise barriers installed at works area as needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Pneumatic percussive breakers fitted with sound mufflers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Engine flap covers kept closed of construction plant during operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Noise baffles/screens to noisy machines/site activities as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Full compliance with CNP conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>5. WASTE MANAGEMENT</b>				
a. Designated area for sorting and temporary storage of C & D materials on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Proper sorting of inert and non-inert materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Recycle bins for recycling of different materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Rubbish bins for general rubbish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Measures taken to avoid cross contamination of different wastes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Disposed of regularly to avoid excessive accumulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Accumulated rubbish was observed in bamboo grove at Sheung Yue River
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Registration as Chemical Waste Producer as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Chemical wastes properly labeled and packaged	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Chemical wastes pending collection stored properly to avoid leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k. Used trip tickets kept for chemical waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l. Proper handling of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Proper storage of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
n. Emergency spillage procedure posted and correctly implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
o. Other: Please specify	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>6. OTHERS</b>				
a. Existing trees and vegetation maintained and protected as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Materials & Plant kept way from existing trees and vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

7. OTHER COMMENTS

a. \_\_\_\_\_

b. \_\_\_\_\_


c. \_\_\_\_\_

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



Signed By

Signed By

  
 Name & Title: Adam Zhu, AEC  
 Environmental Team's Representative

  
 Name & Title: Tsz Hong  
 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. 96**  
**(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
	
Item no. 5(f)	Rectified Date: 24 February 2016
Description: Accumulated rubbish was observed in bamboo grove.	Follow up Action Taken: Accumulated rubbish observed in bamboo grove had been removed.
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. 97 (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 25 Feb 16

Time 9:30 - 11:30

Persons making the inspection:

Name in Block Letters

1. W.K. TANG
2. MICHAEL WAN
3. T.W. WONG
4. Lemon 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

T.W. Wong  
 \_\_\_\_\_  
Lemon Lam  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Kam Tin River	Mud trail was observed on public road	3 Feb 2016 Mar	3 - Feb 2016 Mar	
2.					
3.					
4.					
5.					
6.					
7.					
8.					

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

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

The Engineer's Nominated Site Representative \_\_\_\_\_

Contractor's Agent or his Representative T.W. Wong

Environmental Team's Representative Lemon 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. 97)**  
**(for Construction of Cycle Tracks and the Associated Supporting Facilities**  
**from Sha Po Tsuen to Shek Sheung River)**  
**Environmental Inspection Checklist**

Date of Inspection: 25-2-2016 Time 9:30-11:30  
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 14.7 °C  
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low  
Location(s): KAM TIN RIVER Sheung Yue River Shek Sheung River

Person(s) making the inspection:


<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>WK. TANG</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>MICHAEL WAN</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>T.W. WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>Lemon 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*
<b>1 GENERAL</b>				
a. Environmental Permit (EP) copy at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Environmental posters/notices at place of work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Site kept clean and tidy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Engine shut off when not in use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Proper maintenance of site plant and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>2. AIR POLLUTION</b>				
a. Site Perimeter Hoardings provided as required	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. Haul Road paved or kept wet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Water spraying during loading and unloading of dusty material	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Mud trail was observed on public Road at Kam Tin River</u>
g. Vehicle wheels washed before leaving site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Dump trucks fitted with mechanical tarpaulin cover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Dusty loads on vehicles covered by tarpaulin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
j. Vehicle speed control (8KM/hr) on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k. Black smoke emission control from site plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l. No opening burning of debris on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>3 WATER POLLUTION</b>				
a. Tightly sealed closed grab excavator used for river channel excavation works	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
b. River excavation works sections by sections as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Splashing of sediment avoided during transfer	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Floating debris in river cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Leakage from plant & vessel avoided	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps, sedimentation tank & drainages cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
J. Sand bags provided at site entrance and around road gullies as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
k. Water Discharge License applied as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
l. Self-monitoring on site runoff/wastewater conducted as necessary	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Chemical toilets provided as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
n. Heavy Rainstorm Response Procedure displayed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	
p. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	





	YES	NO	N/A	REMARK*
<b>4. NOISE POLLUTION</b>				
a. Temporary noise barriers installed at works area as needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Pneumatic percussive breakers fitted with sound mufflers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Engine flap covers kept closed of construction plant during operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Noise baffles/screens to noisy machines/site activities as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Full compliance with CNP conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>5. WASTE MANAGEMENT</b>				
a. Designated area for sorting and temporary storage of C & D materials on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Proper sorting of inert and non-inert materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Recycle bins for recycling of different materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Rubbish bins for general rubbish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Measures taken to avoid cross contamination of different wastes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Disposed of regularly to avoid excessive accumulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Registration as Chemical Waste Producer as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Chemical wastes properly labeled and packaged	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Chemical wastes pending collection stored properly to avoid leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k. Used trip tickets kept for chemical waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l. Proper handling of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Proper storage of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
n. Emergency spillage procedure posted and correctly implemented	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
o. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>6. OTHERS</b>				
a. Existing trees and vegetation maintained and protected as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Materials & Plant kept way from existing trees and vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>7. OTHER COMMENTS</b>				
a.				
b.				
c.				

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

Signed By  
  
 Name & Title: Leiman Lan  
 Environmental Team's Representative

Signed By  
  
 Name & Title:  
 Engineer's Nominated Site Representative

**Civil Engineering and Development Department**  
**Contract No. YL/2013/01**  
**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1**  
**Weekly Environmental Walk No. 97**  
**(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
	
Item no. 2(f)	Rectified Date: 3 Mar 2016
Description: Mud trail was observed on public road.	Follow up Action Taken: Mud trail had been cleaned up.
Location: Kam Tin River	