



FAX MESSAGE

Priority normal / urgent

To	<u>AECOM Consulting Services Limited</u>	Ref. No.	<u>MCLF3397</u>
Country	<u></u>	Email	<u>rodney.ip@aecom.com</u>
Attn.	<u>Mr. Rodney Ip</u>	Date	<u>13 January 2016</u>
From	<u>Colin Yung</u>	No. of Pages	<u>1</u> (Incl. this page)
C.c. To	<u>Mr. Vincent Kwan</u> <u>(AECOM Consulting Services Limited)</u>	Email	<u>vincent.kwan@aecom.com</u>
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 December 2015		

We refer to the Monthly EM&A Report Rev. 0 for December 2015 that we received through email on 13 January 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 December 2015****(Designated Project Works Area)**

REVISION SCHEDULE					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	13 January 2016	EM&A Report No. 20 – Dec 2015	Lemon Lam	Rodney Ip	YT Tang
Signature					

REVISION RECORD					
Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	13 January 2016	EM&A Report No.20 – Dec 2015	Lemon Lam	Rodney Ip	YT Tang

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

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ABBREVIATION

CEDD Civil Engineering and Development Department

C&D Construction & Demolition

CNP Construction Noise Permit

EM&A Environmental Monitoring and Audit

EMP Environmental Management Plan

EPD Environmental Protection Department

ET Environmental Team

IEC Independent Environmental Checker

NSR Noise Sensitive Receiver

NT New Territories

PME Powered Mechanical Equipment

RE Resident Engineer

TTS# Trip-ticket System

EXECUTIVE SUMMARY

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

This Monthly Environmental Monitoring and Audit Report No. 20 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 December 2015.

Construction Progress

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

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

Site Inspections

Environmental site inspections were conducted on 2, 10, 16, 22 and 30 December 2015.

Several environmental issues have been identified by the ET during inspections including waste were found at U-shaped channel, materials stored near the river, water should be sprayed where there is dusty activities, chemical leakage from machine and materials and stockpile were stocked next to tree.

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 January 2016 of the Project consist of:

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

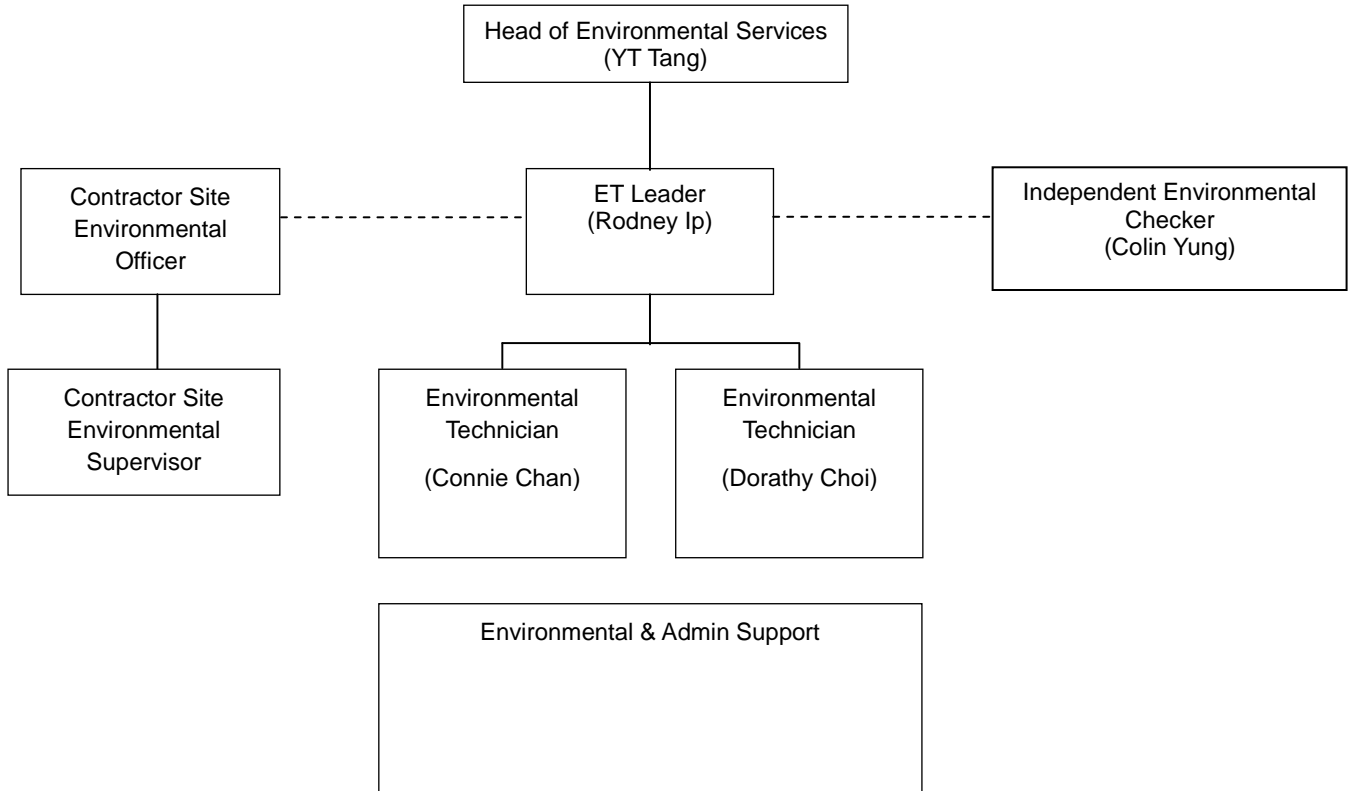


Figure 1 Organization Chart of ET

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 backfilling of retaining wall, installation of bicycle parapet and construction of retaining wall, cycle track, drainage, fill slop 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"> - Construction of Drainage - Installation of Bicycle Parapet 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided
Portion E (Shek Sheung River)	<ul style="list-style-type: none"> - Construction of Retaining Wall (Concreting, Formworks, Steelworks) - Backfilling of Retaining Wall - Construction of Drainage - Installation of Bicycle Parapet 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

Location	Activities	Environmental Impact(s)	Proposed Mitigation Measures
Portion M (Kam Tin River)	<ul style="list-style-type: none"> - Construction of Cycle Track - Backfilling of Retaining Wall - Construction of Resting station - Construction of Fill Slope 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

Future Key Issues

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

Table 2.2 Planned Activities for the Coming Two Months (January and February 2016)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul style="list-style-type: none"> - Installation of Bicycle Parapet - Construction of Resting Station - Construction of Cycle Track 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion E (Shek Sheung River)	<ul style="list-style-type: none"> - Backfilling of Retaining Wall - Construction of Drainage - Installation of Bicycle Parapet - Construction of Cycle Track 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided
Portion M (Kam Tin River)	<ul style="list-style-type: none"> - Construction of Cycle Track - Construction of Resting Station - Construction of Fill Slope 	<ul style="list-style-type: none"> - Protection of Trees - Production of Solid Waste - 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 be commenced during restricted hours - Existing structures can be used to reduce noise - Temporary noise baffles/screen to noisy machines shall be provided - Extra sand bags and silt traps shall be provided

2.1.4 The site inspection schedule for the next month (January 2016) is designated on 6, 12, 20 and 27 January 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 ³)	0.05
	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)	0.05
	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)	0.06

Land Contamination

3.1.8 The EM&A Manual (2013) considers that no specific EM&A requirements are necessary for Land Contamination.

Ecology and Fisheries

3.1.9 The EM&A Manual (2013) identifies that no significant overall loss of valuable ecological habitat and fishponds and it is considered that no significant negative impacts to surrounding habitats and species and aquaculture or water quality will arise from the construction and operation of the cycle track given that appropriate mitigation measures and good practices are properly implemented. No specific ecological or fisheries monitoring is required.

Cultural Heritage

3.1.10 The EM&A Manual (2013) identifies that no adverse impacts on cultural heritage resources would be expected from the construction or operational phase of the Project. No specific monitoring is required during the construction phase. However, care has been taken during construction stage to report any signs of possible discovery of artefacts to minimize potential impacts during the construction phase.

Landscape and Visual

3.1.11 Based on the EM&A Manual's recommendation, all measures undertaken during the construction stage shall be audited by the Landscape Architect as a member of the Environmental Team. The site inspections were undertaken for twice a month during this reporting period to ensure all the recommended landscape and visual mitigation measures have been effectively implemented.

3.2 Environmental Site Inspections

- 3.2.1 Environmental site inspections are required to inspect the construction activities of the Project in order to ensure that appropriate environmental protection and pollution control mitigation measures are properly implemented. Regular site inspections should be carried out once per week during the construction phase.
- 3.2.2 Regular weekly environmental walk records with follow up actions of this reporting period have been attached in **Appendix 5** and have been filed by RE in Site Office.
- 3.2.3 The Contractor has implemented mitigation measures to address the problems identified during site inspections. The measures taken by the contractor were considered as effective to minimize negative impact to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 3.2.4 A summary of the findings and results of site inspections are provided in **Table 3.2**.

Table 3.2 Summary of Findings from Site Inspections

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	2 December 2015	Kam Tin River	Waste was found at the U-shaped channel and was not disposed regularly	The waste was disposed.	10 December 2015
2	10 December 2015	Kam Tin River	Materials stored near river and could be tipped off or blow away easily	The materials were removed from site	16 December 2015
3	10 December 2015	Kam Tin River	Waste was found at the U-shaped channel and was not disposed regularly	The waste was disposed.	16 December 2015
4	30 December 2015	Kam Tin River	Water should be sprayed where there is dusty activities, especially during dry weather	Water spraying was applied.	31 December 2015
5	30 December 2015	Kam Tin River	Chemical leakage from machine	The contaminated material was removed.	31 December 2015
6	30 December 2015	Sheung Yue River	Materials and stockpile were stocked next to tree	The materials and stockpile were removed from site	31 December 2015

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 waste were found at U-shaped channel, materials stored near the river, water should be sprayed where there is dusty activities, chemical leakage from machine and materials and stockpile were stocked next to tree.
- 6.1.3 The Contractor has implemented mitigation measures to address those problems. The measures taken by the contractor were considered as effective to minimize negative impact to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 6.1.4 The Contractor has been using the waste management and record system including allocation of waste storage areas and the trip ticket system as proposed in the EMP.
- 6.1.5 The ET will continue to implement the environmental monitoring & audit programme in accordance with the EM&A Manual requirements.

APPENDIX 1

SITE LAYOUT PLANS

APPENDIX 2

CONSTRUCTION PROGRAMME

APPENDIX 3

THE CONTACT DETAILS OF KEY PERSONNEL

Contact Details of Key Personnel for the Project

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

APPENDIX 4

CUMULATIVE LOG OF COMPLAINTS

CUMULATIVE LOG OF COMPLAINTS

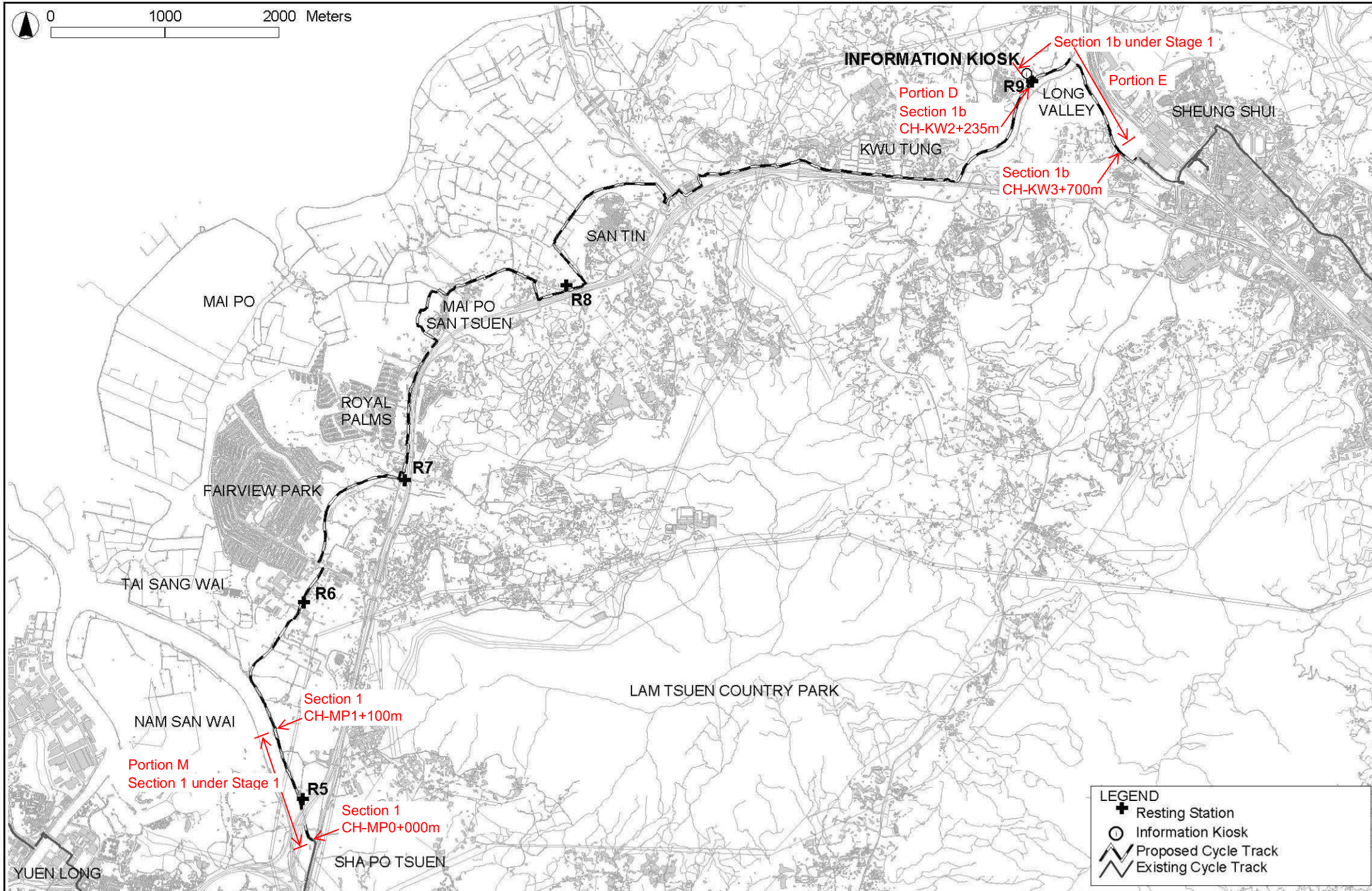
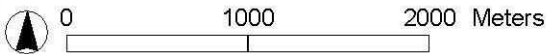
Environmental Parameters	No. of Outstanding Complaints	No. of complaints received in this reporting month	Cumulative no. of complaints received since commencement of project
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Others	0	0	1
Total	0	0	1

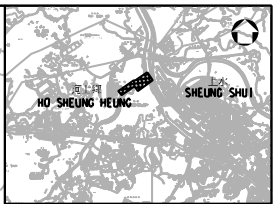
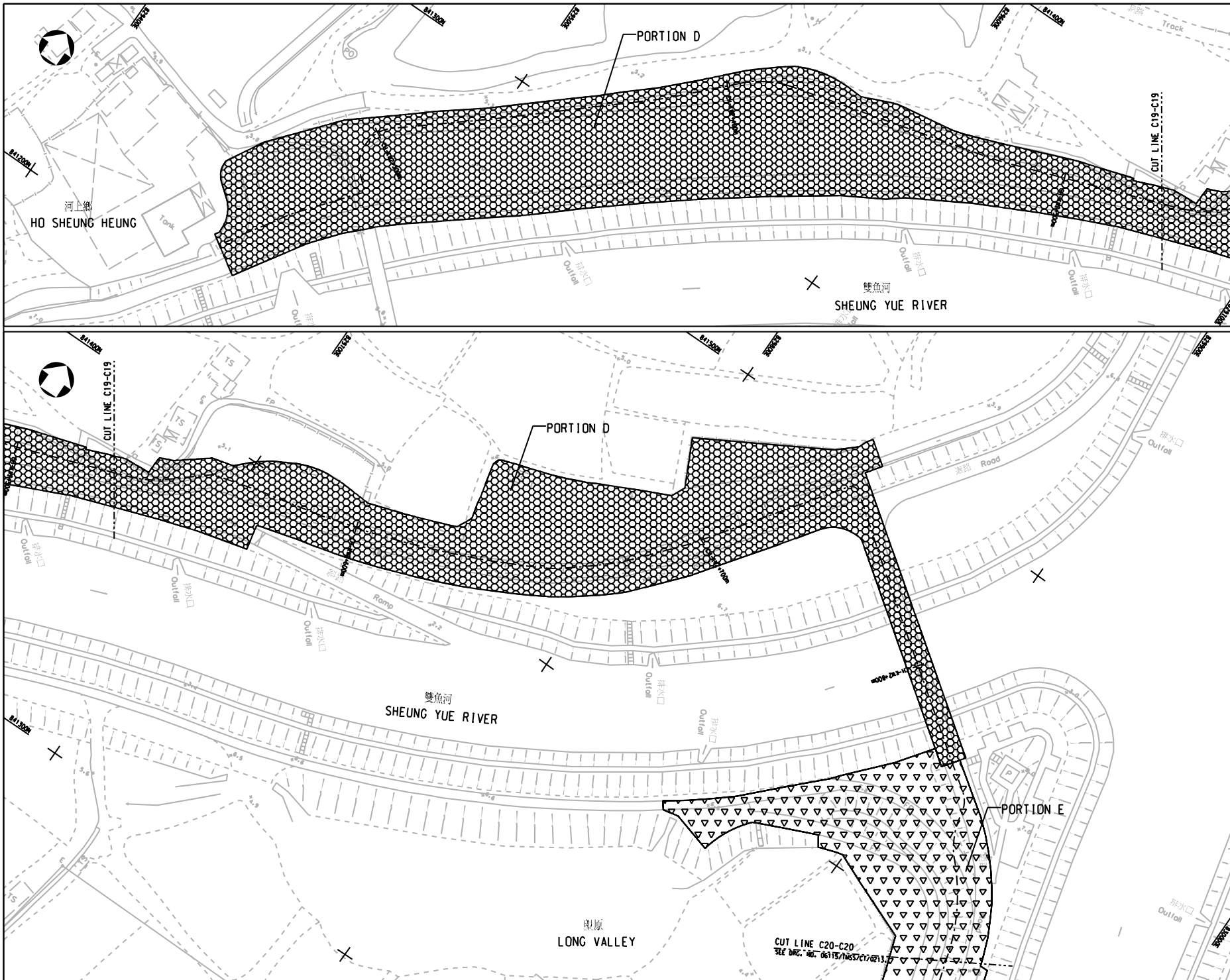
APPENDIX 5

WEEKLY ENVIRONMENTAL WALK RECORDS

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.	Date	Description	BY	GT
-	12/13	ISSUE FOR CONSTRUCTION	HYW	GT

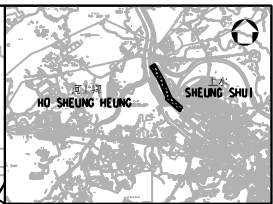
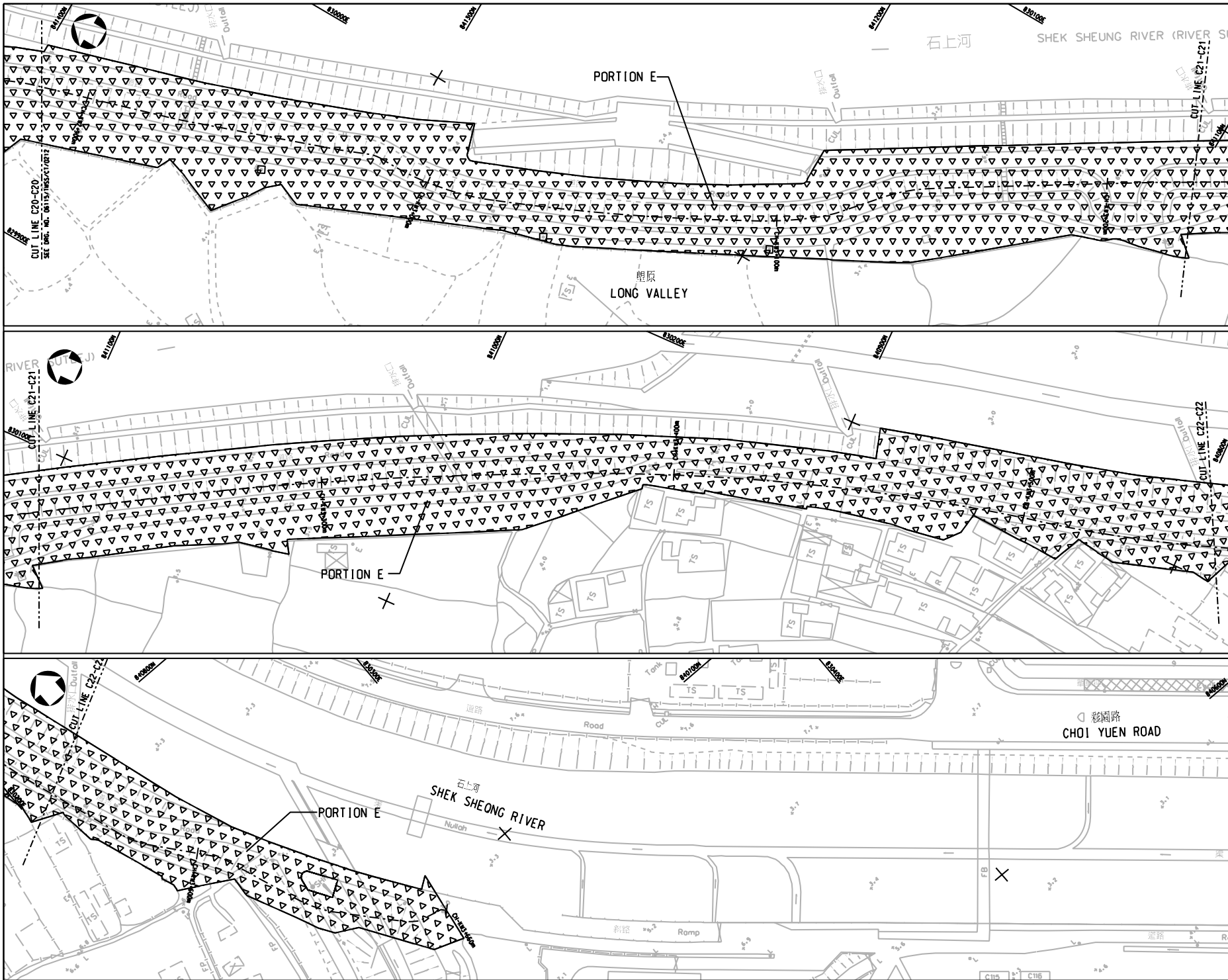
CEDD
Civil Engineering and
Development Department

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

PORTION OF THE SITE
(SHEET 12 OF 13)

Drawing No.	06115/TMSS/CT/00212			
Prepared By	Drawn By	Checked By	Scale	Date
ET	HAX	DCSC	1:1500(1:1)	11/09/13
Approved By	FSM	Date	Status	Scale
		12/13	FOR CONSTRUCTION	

URS



KEY PLAN
N.T.S.

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

Rev.	Date	Description	BY	CHKD
-	12/13	ISSUE FOR CONSTRUCTION	HYW	GT

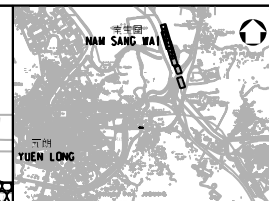
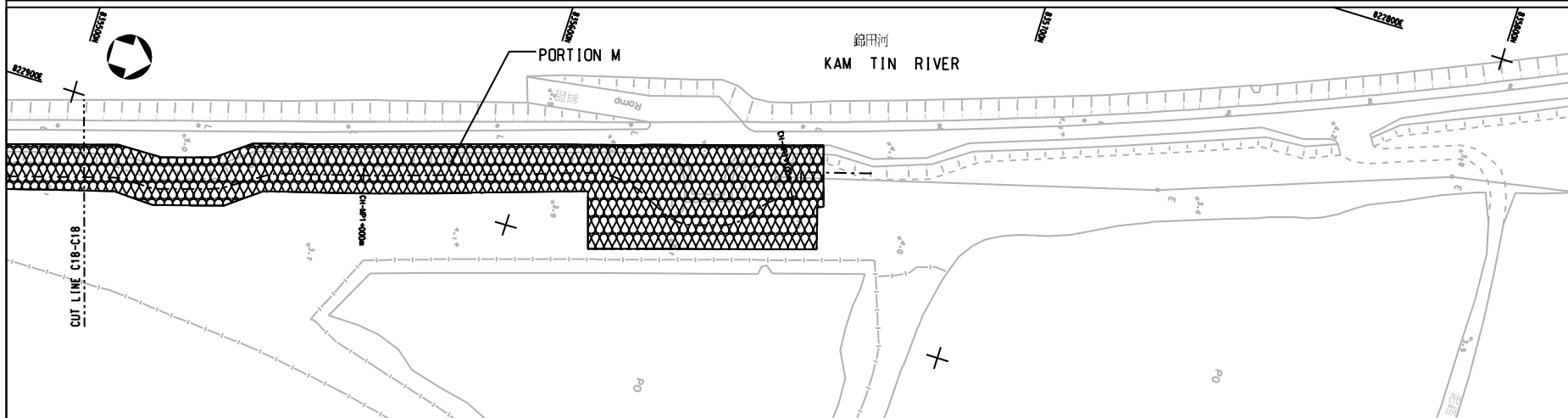
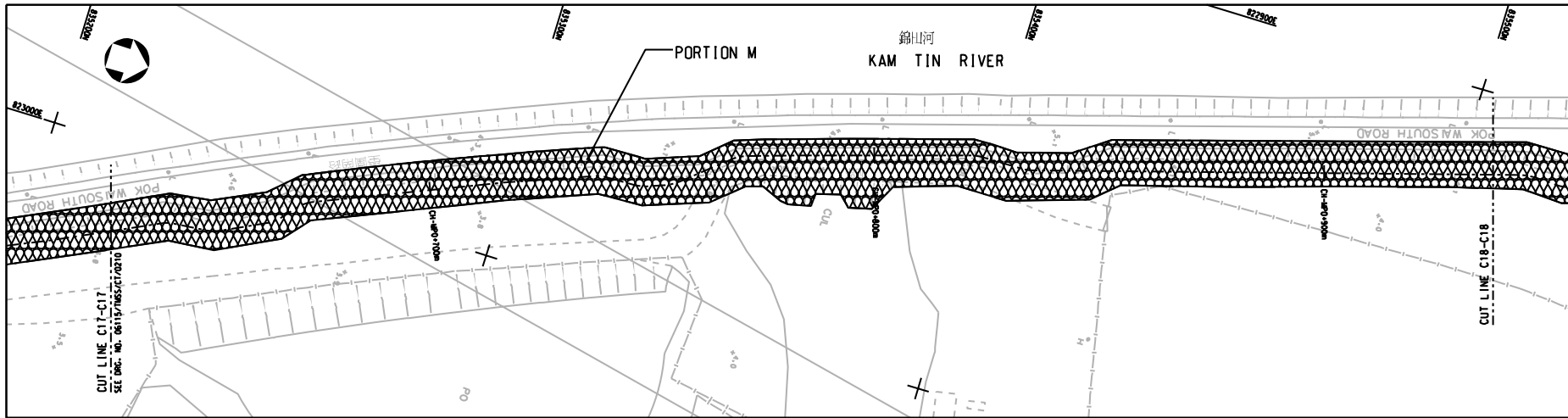
土木工務發展署
CEDD Civil Engineering and
Development Department

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.	06115/TMSS/CT/00213			
Prepared By	Drawn By	Checked By	Scale	1:500(1:11)
ET	HAX	DCSC	1:1000(1:3)	
Approved By	Date	Status	FOR CONSTRUCTION	
FSM	12/13			

URS



KEY PLAN
N.T.S.

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

Rev.	Date	Description	Drawn	Checked
-	12/13	ISSUE FOR CONSTRUCTION	MYH	GT

土木工務發展署
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.	06115/TMSS/CT/00211			
Designing	Drawn	Checked	Scale	1:1000(1:3)
BY CT	BY HAX	BY JCSC	1:1000(1:3)	
Approved	Date	Status		
BY FSM	12/13	FOR CONSTRUCTION		

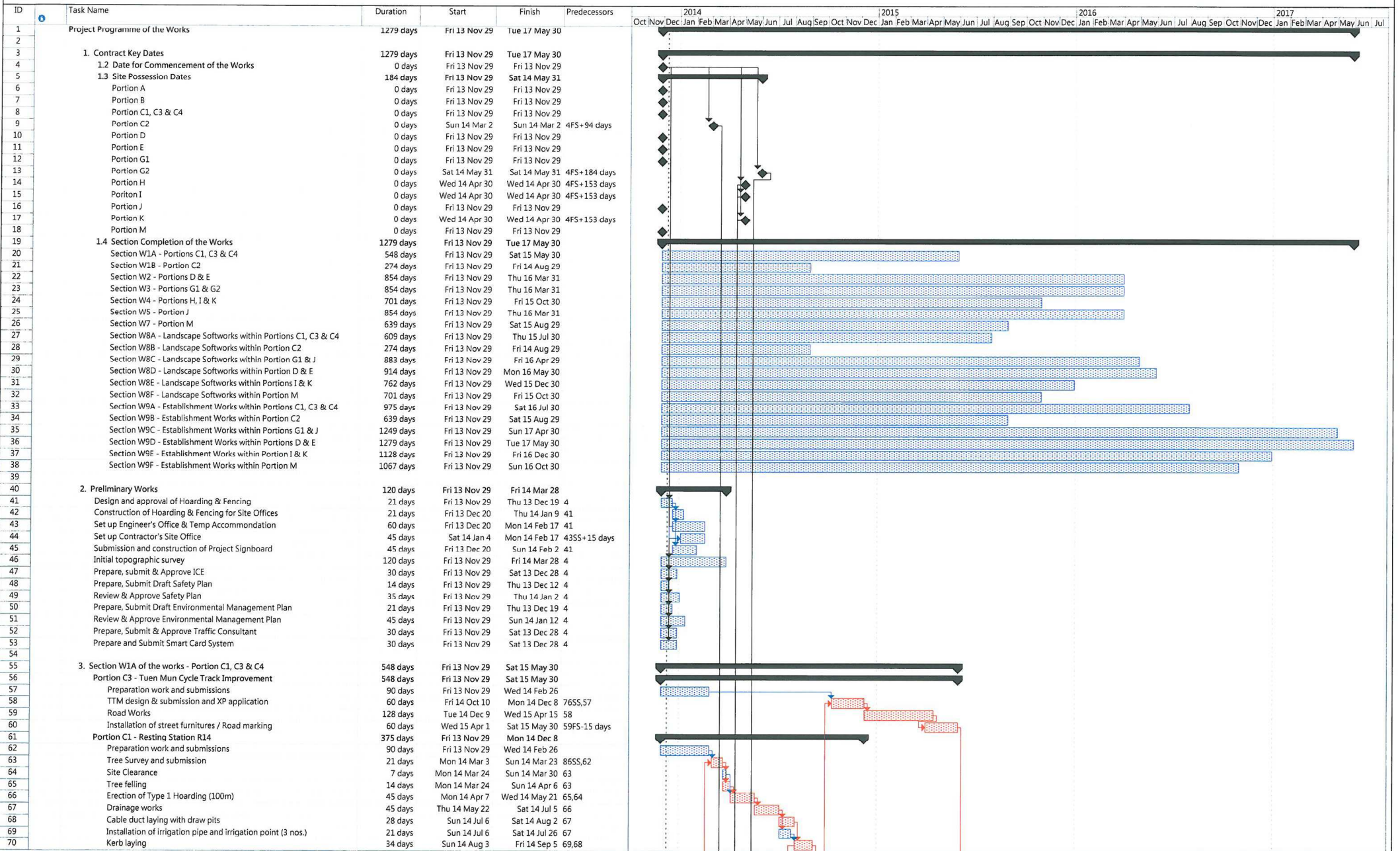
URS

APPENDIX 2

CONSTRUCTION PROGRAMME

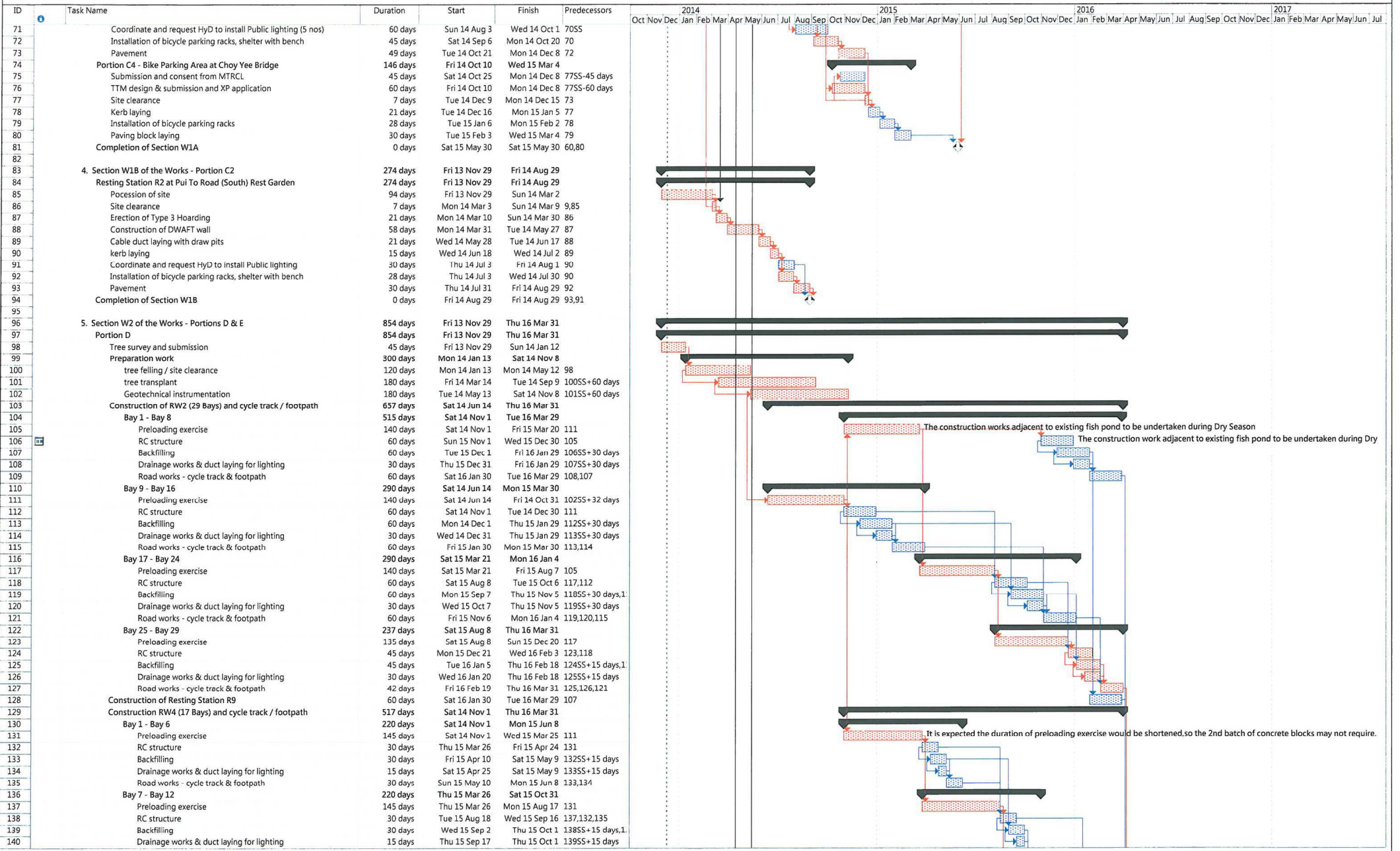
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



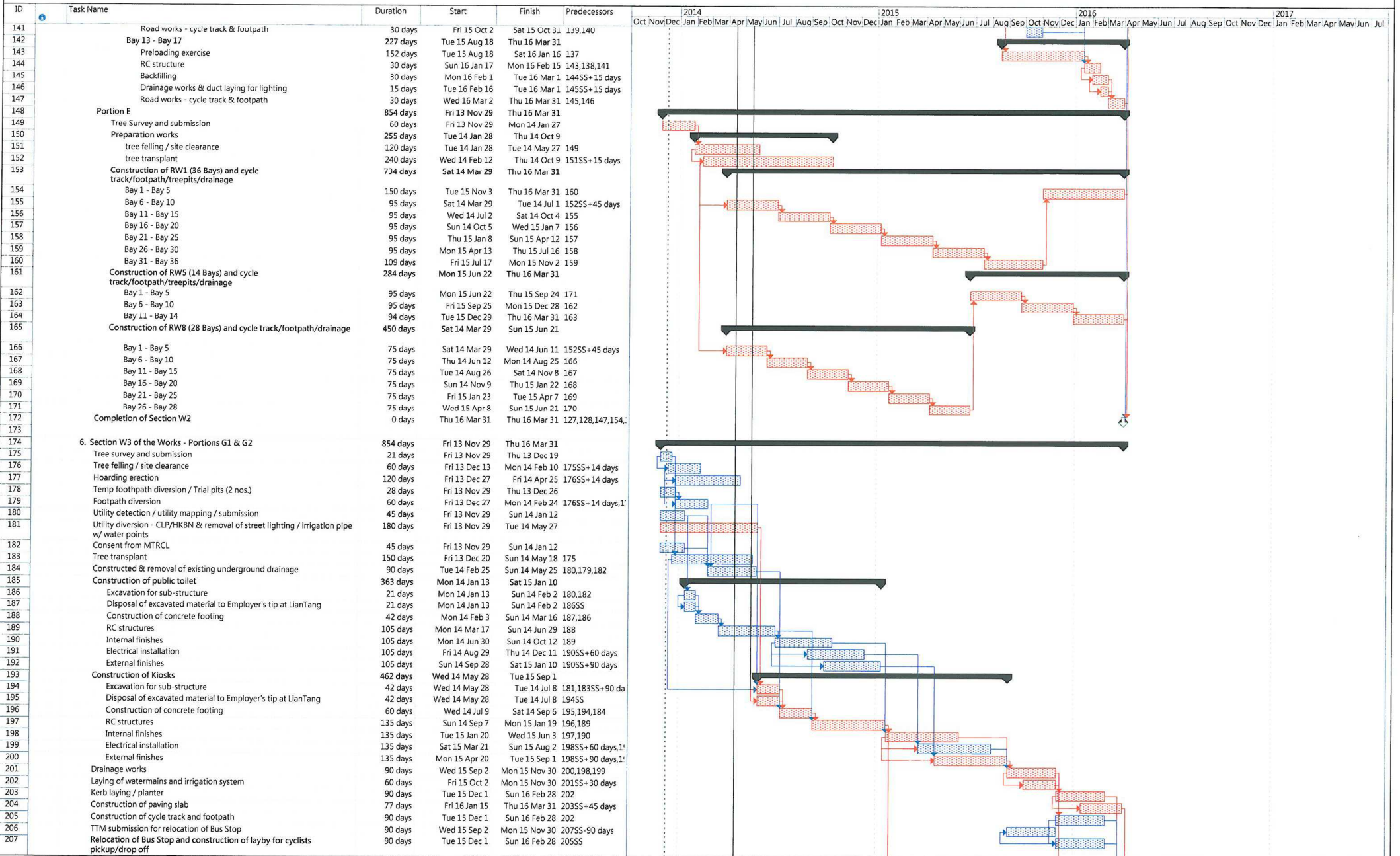
Project: YL/2013/01
 Data Date: 29 Nov 2013
 Submission: 09 Dec 2013

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	

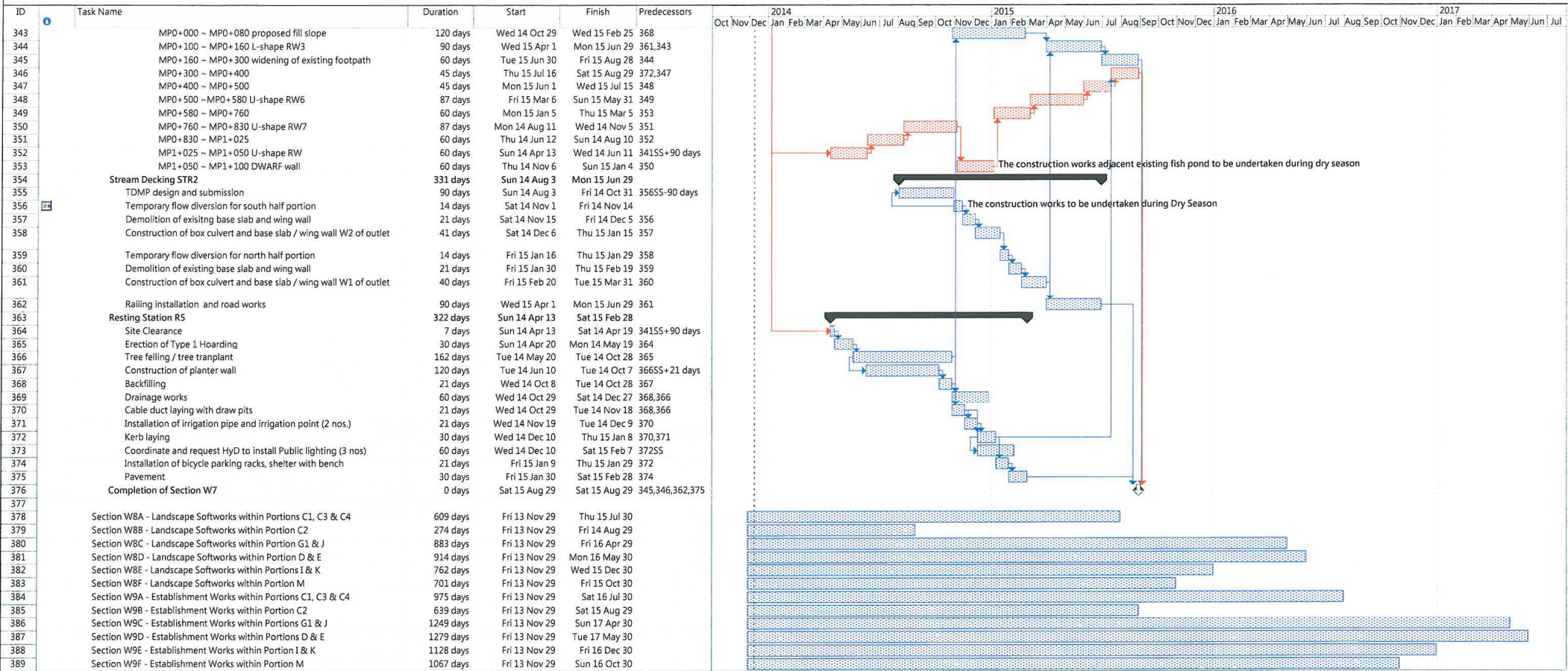
Page 2

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

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

APPENDIX 4

CUMULATIVE LOG OF COMPLAINTS

CUMULATIVE LOG OF COMPLAINTS

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

APPENDIX 5

WEEKLY ENVIRONMENTAL WALK RECORDS

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

**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk No. 85 (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 2 December 2015 Time 1030-1200

Persons making the inspection:

Name in Block Letters

1. WKTANG
2. MICHAEL WAN
3. TW WONG
4. DORATHY CHOI
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

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Kam Tin River</u>	<u>waste was found at the U-shaped channel and was not disposed regularly</u>	<u>10 Dec 2015</u>	<u>10 Dec 2015</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] Contractor's Agent or his Representative [Signature]
Environmental Team's Representative _____ Landscape Architect _____

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

Contractor's *Environmental Officer/Assigned Person _____
Date _____

The Environmental Team's Representative [Signature]
Date 10 Dec 2015

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. 85)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 2 December 2015 Time 1030-1200
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 25 °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:

Name in Block Letters	Designation	Organisation
<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>TW WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>DORATHY CHOI</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>/</u>	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
<u>/</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"/>	<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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

5. WASTE MANAGEMENT				
a. Designated area for sorting and temporary storage of C & D materials on site	(<input checked="" type="checkbox"/>)	()	()	
b. Proper sorting of inert and non-inert materials	(<input checked="" type="checkbox"/>)	()	()	
c. Recycle bins for recycling of different materials	(<input checked="" type="checkbox"/>)	()	()	
d. Rubbish bins for general rubbish	(<input checked="" type="checkbox"/>)	()	()	
e. Measures taken to avoid cross contamination of different wastes	(<input checked="" type="checkbox"/>)	()	()	
f. Disposed of regularly to avoid excessive accumulation	()	(<input checked="" type="checkbox"/>)	()	Waste was found at the U-shaped channel and was not disposed regularly
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	(<input checked="" type="checkbox"/>)	()	()	
h. Registration as Chemical Waste Producer as required	(<input checked="" type="checkbox"/>)	()	()	
i. Chemical wastes properly labeled and packaged	()	()	(<input checked="" type="checkbox"/>)	
j. Chemical wastes pending collection stored properly to avoid leakage	()	()	(<input checked="" type="checkbox"/>)	
k. Used trip tickets kept for chemical waste disposal	()	()	(<input checked="" type="checkbox"/>)	
l. Proper handling of contaminated soil samples in land contamination investigation work	()	()	(<input checked="" type="checkbox"/>)	
m. Proper storage of contaminated soil samples in land contamination investigation work	()	()	(<input checked="" type="checkbox"/>)	
n. Emergency spillage procedure posted and correctly implemented	(<input checked="" type="checkbox"/>)	()	()	
o. Other: Please specify	()	()	()	

6. OTHERS				
a. Existing trees and vegetation maintained and protected as required	(<input checked="" type="checkbox"/>)	()	()	
b. Materials & Plant kept way from existing trees and vegetation	(<input checked="" type="checkbox"/>)	()	()	
c. Topsoil conserved and re-use in landscape works	(<input checked="" type="checkbox"/>)	()	()	
d. Night-time lighting controlled to minimize glare	()	()	(<input checked="" type="checkbox"/>)	
e. In situ compensation planting should occur at the Information Kiosk and R9	()	()	(<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"/>)	()	()	
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: **Dorathy Choi**
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. 85
(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 December 2015
Description: Waste was found at the U-shaped channel and was not disposed regularly	Follow up Action Taken: The waste was disposed.
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. 86 (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 10 DEC 2015

Time 1030 - 1200

Persons making the inspection:

Name in Block Letters

1. WK TANG
2. MICHAEL WAN
3. TW WONG
4. DORATHY CHOI
5. BONG YU
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
- Independent Environmental Checker
- _____
- _____
- _____

Signature

- [Signature]
- [Signature]
- [Signature]
- [Signature]
- _____
- _____
- _____
- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Kam Tin River</u>	<u>Materials, stone near river and could be tripped off or blow away easily</u>	<u>16-DEC-2015</u>	<u>16 Dec 2015</u>	
2.					
3.	<u>Kam Tin River</u>	<u>waste was found at the U-shaped channel and was not disposed regularly</u>	<u>16-DEC-2015</u>	<u>16 Dec 2015</u>	
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative [Signature] Contractor's Agent or his Representative [Signature]
 Environmental Team's 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 [Signature]

Date _____

Date 16 Dec 2015

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. 86)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 10 DEC 2015 Time 1030 - 1200
 Weather: Sunny/Bite/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 18 °C
 Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
 Location(s): Kam Tin River, Sheung Yau River, Shek Sheung River

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
<u>W F 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>DORATHY CHOI</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>BONG YU</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"/>	<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"/>	<u>materials store near river and could be tripped off or blow away into the river easily.</u>


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

5. <u>WASTE MANAGEMENT</u>				
a. Designated area for sorting and temporary storage of C & D materials on site	(<input checked="" type="checkbox"/>)	()	()	
b. Proper sorting of inert and non-inert materials	(<input checked="" type="checkbox"/>)	()	()	
c. Recycle bins for recycling of different materials	(<input checked="" type="checkbox"/>)	()	()	
d. Rubbish bins for general rubbish	(<input checked="" type="checkbox"/>)	()	()	
e. Measures taken to avoid cross contamination of different wastes	(<input checked="" type="checkbox"/>)	()	()	
f. Disposed of regularly to avoid excessive accumulation	()	(<input checked="" type="checkbox"/>)	()	waste was found at the U-shaped channel and was not disposed regularly
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	(<input checked="" type="checkbox"/>)	()	()	
h. Registration as Chemical Waste Producer as required	(<input checked="" type="checkbox"/>)	()	()	
i. Chemical wastes properly labeled and packaged	()	()	(<input checked="" type="checkbox"/>)	
j. Chemical wastes pending collection stored properly to avoid leakage	()	()	(<input checked="" type="checkbox"/>)	
k. Used trip tickets kept for chemical waste disposal	()	()	(<input checked="" type="checkbox"/>)	
l. Proper handling of contaminated soil samples in land contamination investigation work	()	()	(<input checked="" type="checkbox"/>)	
m. Proper storage of contaminated soil samples in land contamination investigation work	()	()	(<input checked="" type="checkbox"/>)	
n. Emergency spillage procedure posted and correctly implemented	(<input checked="" type="checkbox"/>)	()	()	
o. Other: Please specify	()	()	()	


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

Signed By
 con

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. 86
(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. 3(p)	Rectified Date: 16 December 2015
Description: Materials stored near river and could be tripped off or blow away into the river easily	Follow up Action Taken: The Materials were removed from site.
Location: Kam Tin River	
	
Item no. 5(f)	Rectified Date: 16 December 2015
Description: Waste was found at the U-shaped channel and was not disposed regularly	Follow up Action Taken: The waste was disposed.
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. 87 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Weekly Environmental Walk Inspection Report

Part I:

Contract No. YL/2013/01

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

Date of Inspection 16.12.2015

Time 1530-1700

Persons making the inspection:

Name in Block Letters

1. WK TANG
2. MICHAEL WAN
3. IVAN TANG
4. DORATHY CHOI
5. ALOYSIUS WONG
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
- Landscape Architect
- _____
- _____
- _____

Signature

- [Signature]
- [Signature]
- [Signature]
- [Signature]
- _____
- _____
- _____
- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.					
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 [Signature]

Contractor's Agent or his Representative [Signature]
Landscape Architect [Signature]

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. 87)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 16.12.2015 Time 1530-1700
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 18 °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>IVAN TANG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>DORATHY CHOI</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>ALDOYSIUS WONG</u>	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>REMARK*</u>
1. <u>GENERAL</u>				
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. <u>AIR POLLUTION</u>				
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. <u>WATER POLLUTION</u>				
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 checked="" 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*
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	()	()	()	

7. OTHER COMMENTS

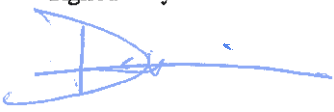
a. _____

b. _____

c. _____


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

Signed By



Name & Title: Dorothy Choi
Environmental Team's Representative

Signed By



Name & Title: Ivan Tang
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. 88 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Weekly Environmental Walk Inspection Report

Part I:

Contract No. YL/2013/01

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

Date of Inspection 22 DEC. 2015

Time 1030-1200

Persons making the inspection:

Name in Block Letters

1. W.F. TANG
2. MICHAEL WAN
3. T.W. WONG
4. DORATHY CHOI
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

- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.					
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 [Signature]

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 _____
 Date _____

The Environmental Team's Representative _____
 Date _____

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Tracks from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk (No.88)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 22.DEC.2015
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy
Wind: Calm/Light/Breeze/Strong
Location(s): Kam Tin River, Sheung Yue River,
Shek Sheung River

Time 1030-1200
Temperature: 20 °C
Humidity: High/Moderate/Low

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>TW WONG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>DORATHY CHOI</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>/</u>	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
<u>/</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"/>	<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 checked="" 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*
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	()	()	()	

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

7. OTHER COMMENTS
- a. _____
- b. _____
- c. _____

Signed By



Name & Title: **Dorothy Choi**
Environmental Team's Representative

Signed By



Name & Title: **TW WONG**
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. 89 (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 30 DEC 2015

Time 1030-1200

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. WK TANG
2. MICHAEL WAN
3. IVAN TANG
4. Deborah Choi
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
Landscape Architect
- _____

- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	KAM TIN RIVER	Water should be sprayed where there is dusty activities, especially during dry weather	31 DEC 2015	31 Dec 2015	
2.					
3.					
4.	KAM TIN RIVER	Chemical leakage from machine	31 DEC 2015	31 Dec 2015	
5.	SHAUNG YUEN RIVER	Materials and stockpile were stacked next to tree	31 DEC 2015	31 Dec 2015	
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 [Signature]
Landscape Architect [Signature]

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

Contractor's *Environmental Officer/Assigned Person _____

The Environmental Team's Representative [Signature]

Date _____

Date 31 Dec 2015

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. 89)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 30 DEC 2015 Time 1030-1200
 Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 17 °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:

Name in Block Letters	Designation	Organisation
<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>IVAN TANG</u>	<u>The Engineer's Nominated Site Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>DORATHY CHOI</u>	<u>Environmental Team's Representative</u>	<u>AECOM Consulting Services Ltd.</u>
<u>ALOYSIUS WONG</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"/>	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Water should be sprayed when there is dusty activities, especially during dry weather.</u>
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*
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	(✓)	()	()	Chemical leakage from machine

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: Deratmy Choi
Environmental Team's Representative

Signed By



Name & Title: Ivan Tang
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. 89
(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(n)	Rectified Date: 31 December 2015
Description: Water should be sprayed when there is dusty activities, especially during dry weather	Follow up Action Taken: Water spraying was applied.
Location: Kam Tin River	
	
Item no. 5(o)	Rectified Date: 31 December 2015
Description: Chemical leakage from machine	Follow up Action : The contaminated material was removed.
Location: Kam Tin River	
	
Item no. 6(b)	Rectified Date: 31 December 2015
Description: Materials and stockpile were stocked next to tree	Follow up Action Taken: The materials and stockpile were removed from site.
Location: Sheung Yue River	