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Attn.	Mr. Rodney Ip	Date	09 October 2014
From	Colin Yung	No. of Pages	1 (Incl. this page)
C.c. To	Mr. Vincent Kwan (URS Hong Kong Limited)	Email	vincent.kwan@urs.com
Subject	Agreement No. CE 22/2006 (HY) Cycle Tracks Connecting North West New Territories with North East New Territories – Investigation, Design and Construction Contract No. YL/2013/01 (Cycle Tracks from Tuen Mun to Sheung Shui - Stage 1) – Monthly Environmental Monitoring & Audit Report for September 2014		

We refer to the revised Monthly EM&A Report Rev. 0 for September 2014 that we received through email on 09 October 2014 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 September 2014

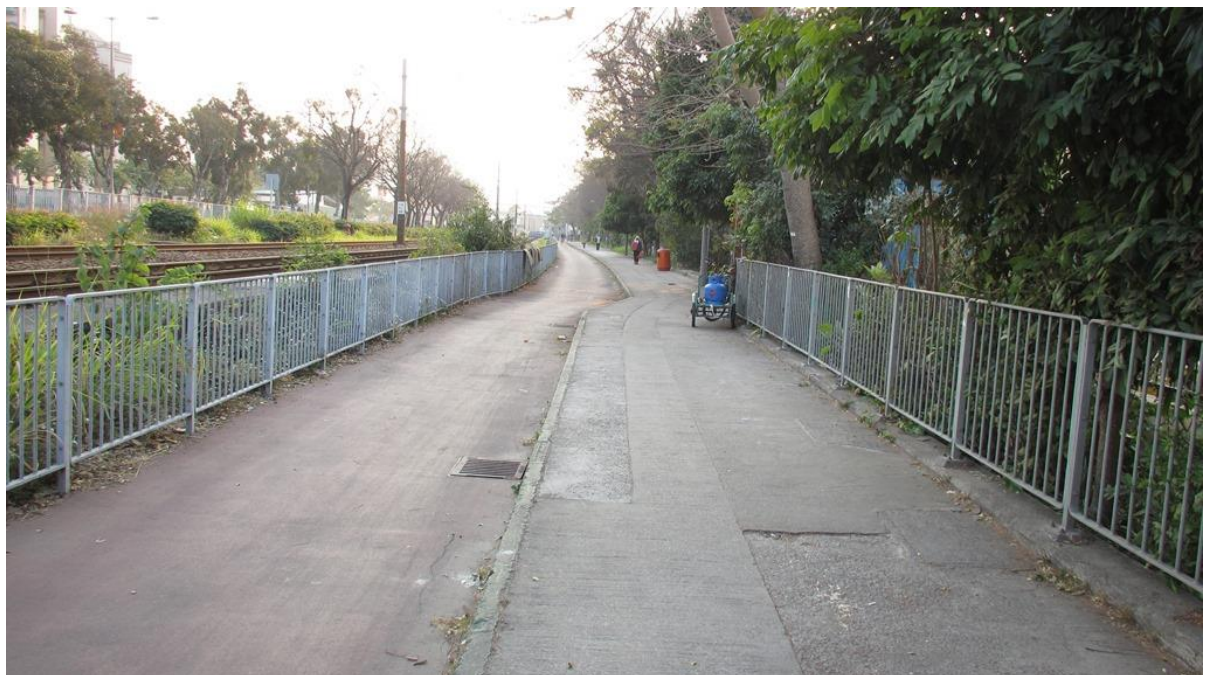
(Designated Project Works Area)

Prepared for:
Civil Engineering and
Development Department

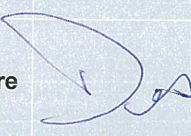


HONG KONG



Oct 2014



REVISION SCHEDULE

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	9 October 2014	EM&A Report No. 5 – September 2014	Desmond Lee	Rodney Ip	Dr. James Xiong
			Signature 		

REVISION RECORD

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	9 October 2014	EM&A Report No. 5 – September 2014	Desmond Lee	Rodney Ip	Dr. James Xiong

URS Hong Kong Ltd
 38th Floor, Metroplaza Tower 1
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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 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. 5 contains the results and findings of site inspection activities and EM&A works carried out by the Works Contractor as required in the contract during 1 September 2014 to 30 September 2014.

Construction Progress

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

The site activities in the reporting period mainly consisted of tree felling and transplantation, site clearance works, excavation works and construction of retaining walls.

Site Inspections

Environmental site inspections were conducted on 1 September, 8 September, 19 September, 24 September, and 29 September 2014.

Several environmental issues have been identified by the ET during inspections including leak of tarpaulin cover on exposed soil, blocked drainage and accumulated stagnant water, storage of materials next to existing tree, transplanted trees leaning over, transplanted trees withered, transplanted tree maintained not well, and ineffective diversion works of discharge water.

The Contractor has implemented mitigation measures to address most of those problems. However during the site inspection, it is identified that there should be improvement on the mitigation measures taken by the Contractor to the issue of drainage blockage and accumulation of stagnant water. 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 October 2014 to 1 November 2014 of the Project consist of:

1) Portion D:

- Tree felling and transplantation;
- Site clearance works;
- Excavation works;
- Construction of retaining Wall

2) Portion E:

- Tree felling and transplantation;
- Site clearance works;
- Excavation works;
- Construction of retaining Wall

3) Portion M:

- Tree felling and transplantation;
- Site clearance works

Reporting Changes

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

Future Key Issues

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

- Protection of Trees;
- Production of solid waste;
- Production of dust;
- Noise; and
- Production of site run off

1. BASIC PROJECT INFORMATION

1.1. Introduction

- 1.1.1. 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;
 - 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 1.1**.

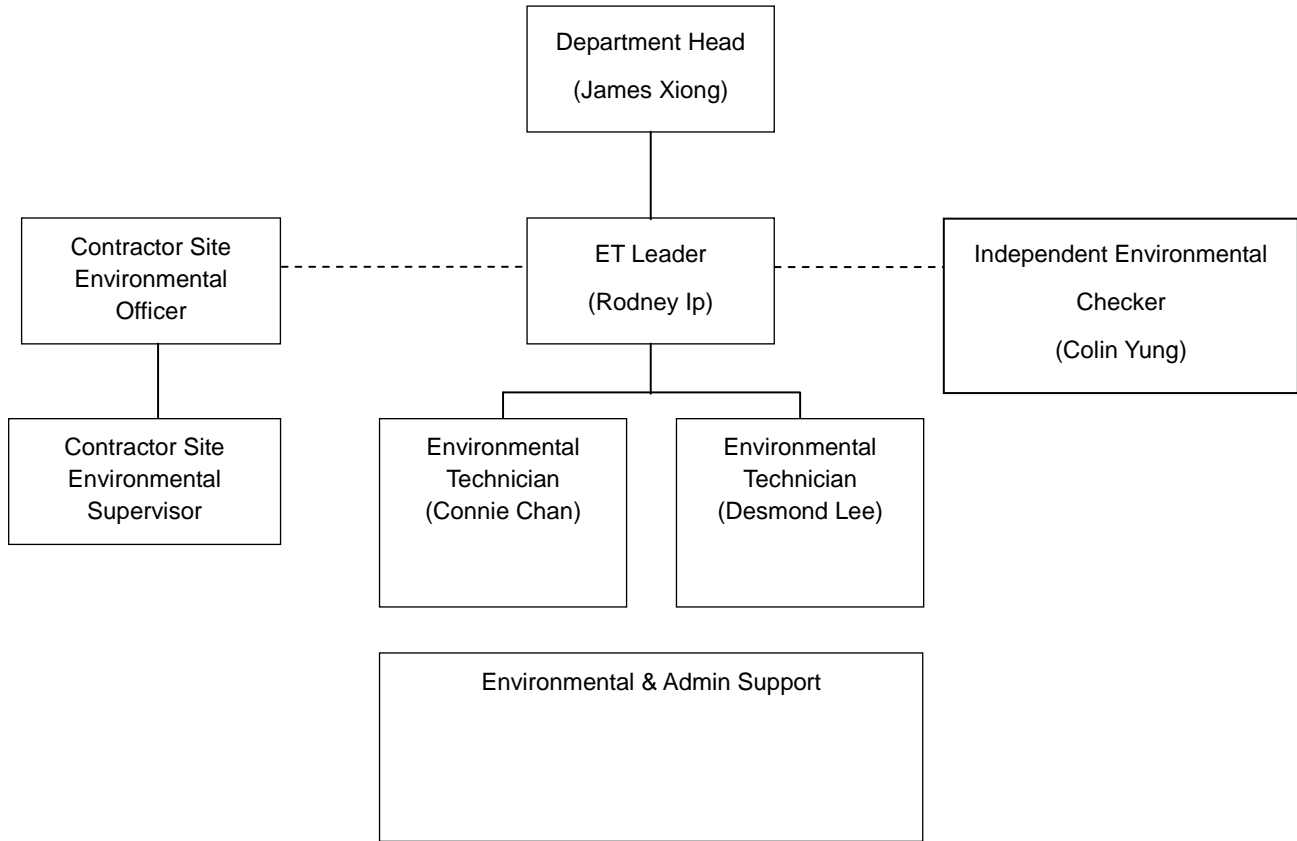


Figure 1.1 Organization Chart of ET

2. SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS

2.1. Works Undertaken during the Month

2.1.1. The main construction works in this reporting month relate to tree felling and transplantation, site clearance works, excavation works and construction of retaining walls.

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)	Site Clearance Tree Felling and Transplant	Protection of Trees Production of solid waste Production of dust Noise Production of dusty site runoff	No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS# Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/ screen to noisy machines has been provided
Portion E (Shek Sheung River)	Site Clearance Tree Felling and Transplant Construction of Retaining Wall No.8 Excavation for Construction of Retaining Wall No.1, 5	Protection of Trees Production of solid waste Production of dust Noise Production of dusty site runoff	No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS# Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/ screen to noisy machines has been provided
Portion M (Kam Tin River)	Site Clearance Tree Felling and Transplant	Protection of Trees Production of solid waste Production of dust Noise Production of dusty site runoff	No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS# Works should not be commenced during restricted hours Existing structures can be used to reduce noise Temporary noise baffles/ screen to noisy machines has been provided

2.2. Future Key Issues

2.2.1. The Contractor has provided an updated construction program in [Table 2.2](#) to show the planned activities for the coming two months (October & November 2014). The anticipated environmental issues are summarised as follows:

Table 2.2 Planned Activities for the Coming Two Months (October & November 2014)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul style="list-style-type: none"> - Site Clearance - Tree Felling and Transplant - Excavation for Construction of Retaining Wall No. 2, 4 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Noise - Production of site run off 	<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
Portion E (Shek Sheung River)	<ul style="list-style-type: none"> - Site Clearance - Tree Felling and Transplant - Construction of Retaining Walls RW 1, 5, 8 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Noise - Production of site run off 	<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
Portion M* (Kam Tin River)	<ul style="list-style-type: none"> - Site Clearance - Tree Felling and Transplant - Excavation Work 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Noise - Production of site run off 	<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 has been provided

* Remarks: According to the requirement under EP section 2.5: "Construction works adjacent to the fishponds near Kam Tin River and Long Valley shall not be undertaken in wet season (April to October) to avoid runoff to adjacent water channels and fishponds". Therefore no construction work would be carried out adjacent to Kam Tin River (Portion M) in October.

- 2.2.2. The site inspection schedule for the next month (1 October 2014 to 1 November 2014) is designated on 10 October, 15 October, 20 October and 27 October 2014.

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)	4.13
	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)	0.62
	Disposed as Public Fill (in '000m ³)	2.11
	Imported Fill (in '000m ³)	1.4
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)	0.03

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 most of those problems. However during the site inspection, it is identified that there should be improvement on the mitigation measures taken by the Contractor to the issue of drainage blockage and accumulation of stagnant water. On-going investigation will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 3.2.4. A summary of the findings and results of site inspections are provided in [Table 3.2](#).

Table 3.2 Summary of Findings from Site Inspections

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
1	1 September 2014	Portion E (Shek Sheung River)	Exposed soil was not covered by tarpaulin	Exposed soil has been covered by tarpaulin	6 September 2014
2	8 September 2014	Portion E (Shek Sheung River)	Drainage blocked and stagnant water accumulated	Drainage cleared and stagnant water removed	13 September 2014
3	19 September 2014	Portion E (Shek Sheung River)	Drainage blocked and stagnant water accumulated	-	-
4	19 September 2014	Portion E (Shek Sheung River)	Materials were stocked next to existing tree	Materials have been removed from existing tree	24 September 2014
5	24 September 2014	Portion E (Shek Sheung River)	Drainage blocked and stagnant water accumulated	Issue found on 19 Sep 2014	-
6	29 September 2014	Portion E (Shek Sheung River)	Drainage blocked and stagnant water accumulated	Issue found on 19 Sep 2014	-
7	29 September 2014	Portion E (Shek Sheung River)	Transplanted trees were leaning over	-	-
8	29 September 2014	Portion E (Shek Sheung River)	Transplanted trees were not maintained as required	-	-
9	29 September 2014	Portion E (Shek Sheung River)	Transplanted trees were withered	-	-
10	29 September 2014	Portion E (Shek Sheung River)	Ineffective diversion works of discharge water	-	-

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)	30/5/2013	EP-450/2013	N.A.
2	Registration as a Chemical Waste Producer	10/1/2014	WPN5213-524-S3777-01	N.A.
3	Effluent Discharge License	25/2/2014	W5/11384/1	28/2/2019
4	Billing Account for Disposal of Construction Waste	16/12/2013	7018953	N.A.
5	Construction Noise Permit	N.A.	N.A.	N.A.

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

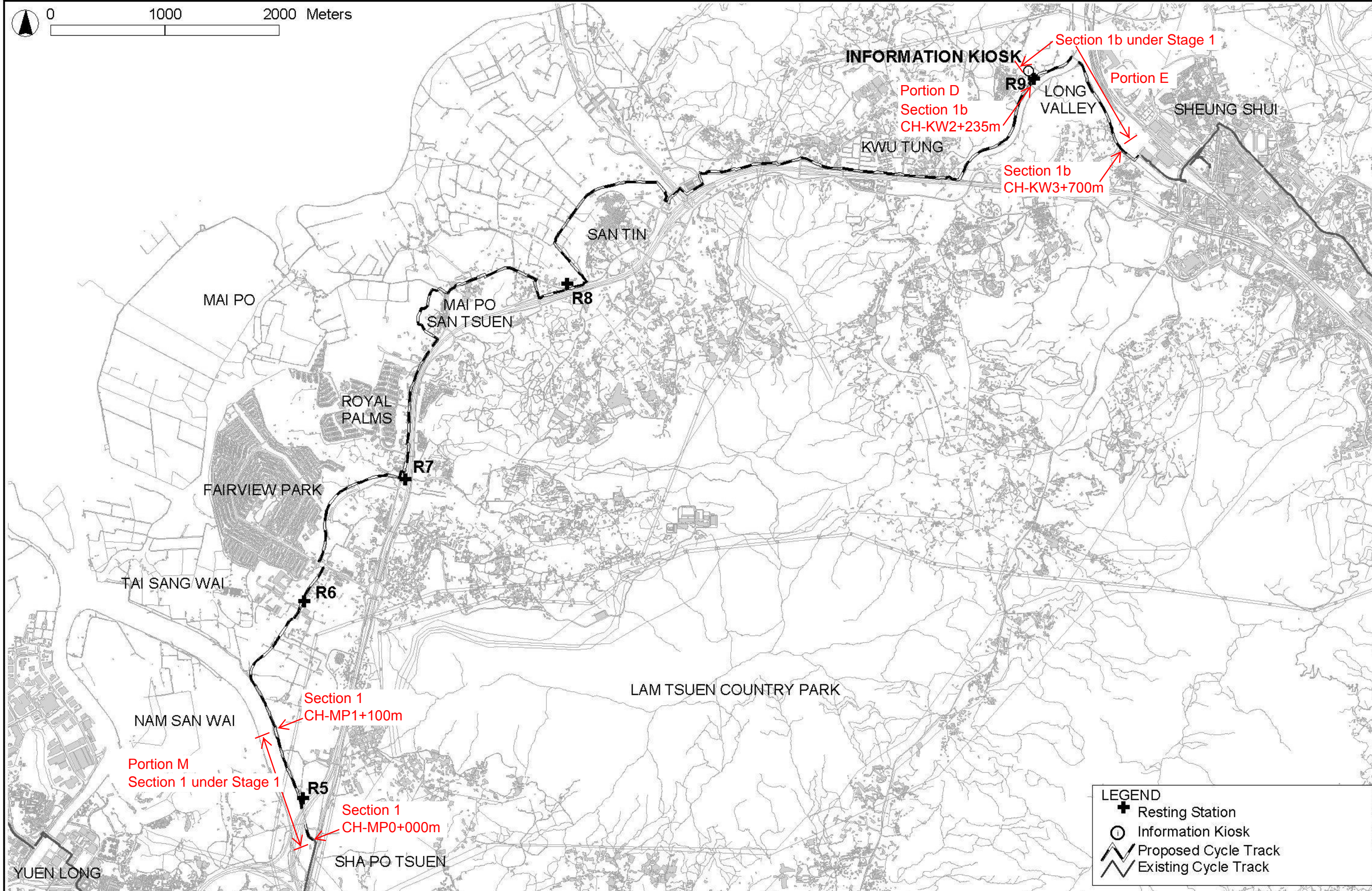
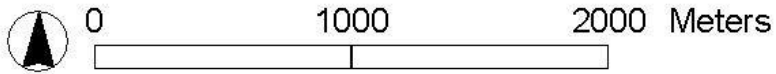
5.1.1. The cumulative log of complaints, notices and summons is provided in [Appendix 4](#) where there were no complaints, summons nor notices reported since the commencement of the construction work so far.

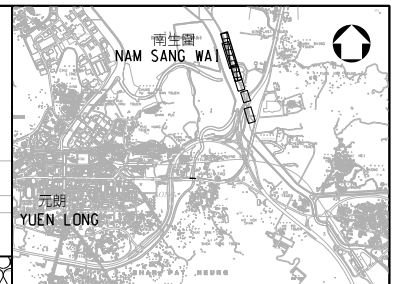
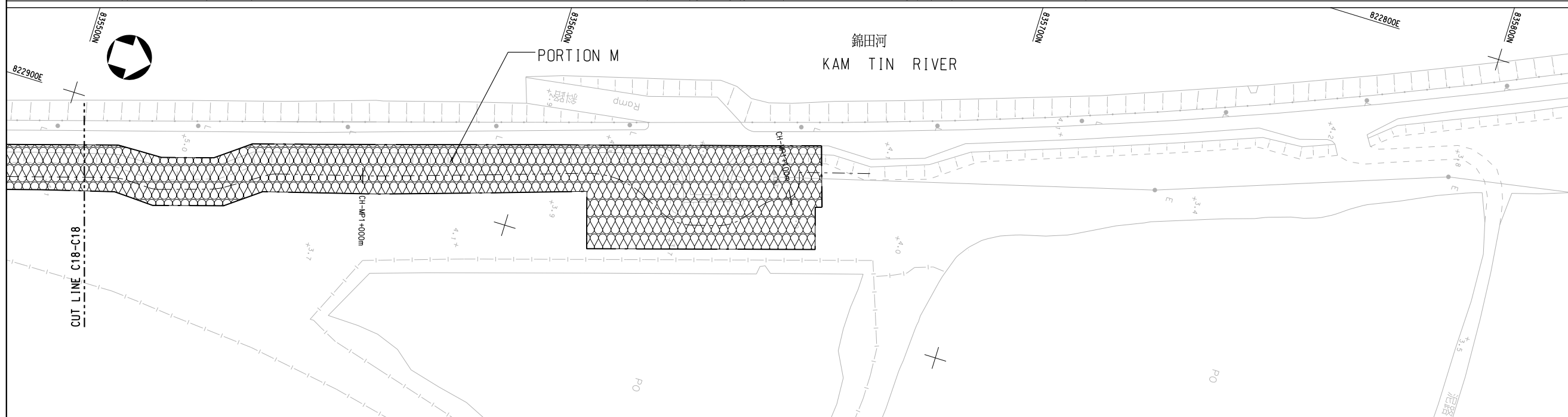
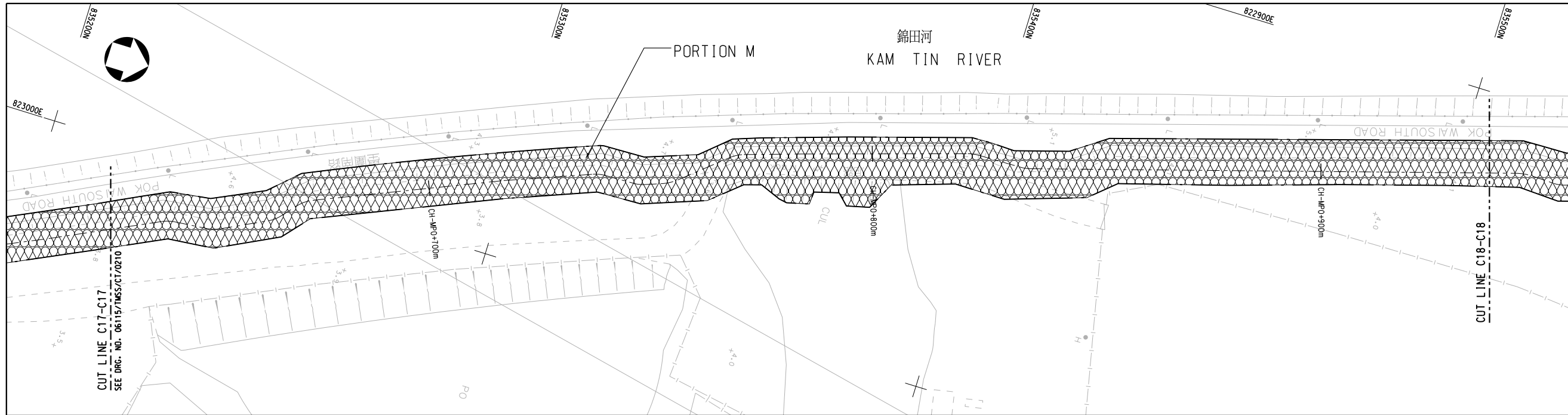
6. CONCLUSIONS

- 6.1.1. There were no complaints, summons nor notices reported since the commencement of the construction work so far.
- 6.1.2. Several environmental issues have been identified by ET during site inspections in the reporting period, including leak of tarpaulin cover on exposed soil, blocked drainage and accumulated stagnant water, storage of materials next to existing tree, transplanted trees leaning over, transplanted trees withered, transplanted tree maintained not well, and ineffective diversion works of discharge water.
- 6.1.3. The Contractor has implemented mitigation measures to address most of those problems. However during the site inspection, it is identified that there should be improvement on the mitigation measures taken by the Contractor to the issue of drainage blockage and accumulation of stagnant water. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.
- 6.1.4. The Contractor has been using the waste management and record system including allocation of waste storage areas and the trip ticket system as proposed in the EMP.
- 6.1.5. The ET will continue to implement the environmental monitoring & audit programme in accordance with the EM&A Manual requirements.

APPENDIX 1

SITE LAYOUT PLANS





KEY PLAN
N.T.S.

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

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

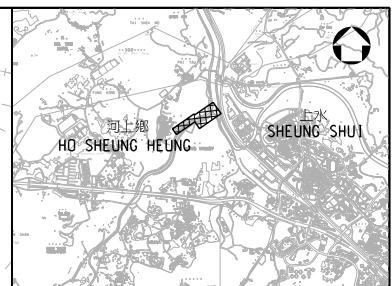
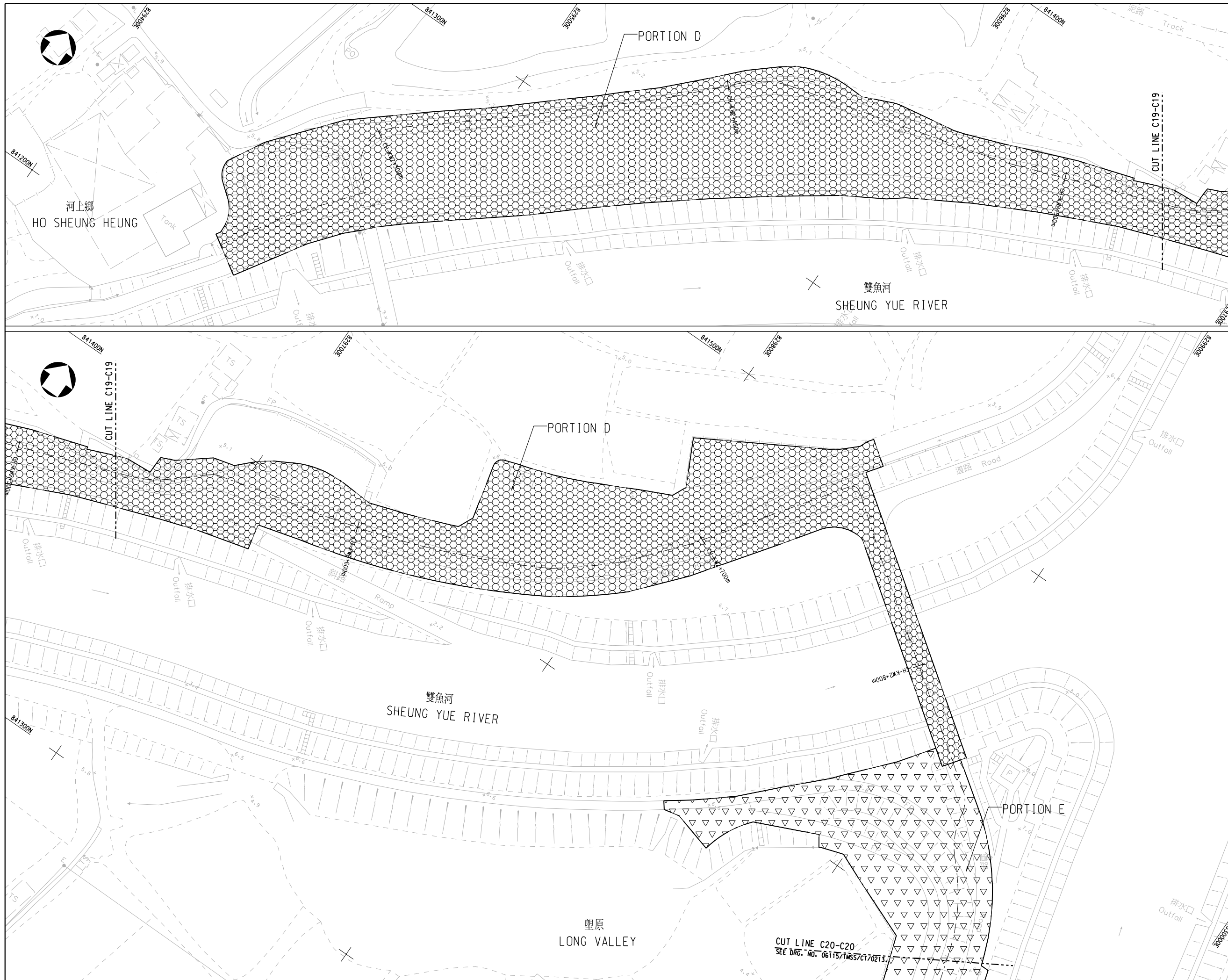
CEDD 土木工程拓展署
Civil Engineering and
Development Department

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.	06115/TMSS/CT/00211			
Designed	Drawn	Checked	Scale	
GT	HAX	DCSC	1:500(A1)	1:1000(A3)
Approved	Date	Status		
TSN	12/13	CONSTRUCTION		





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	NYH	GT

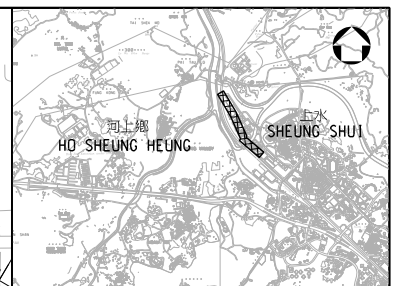
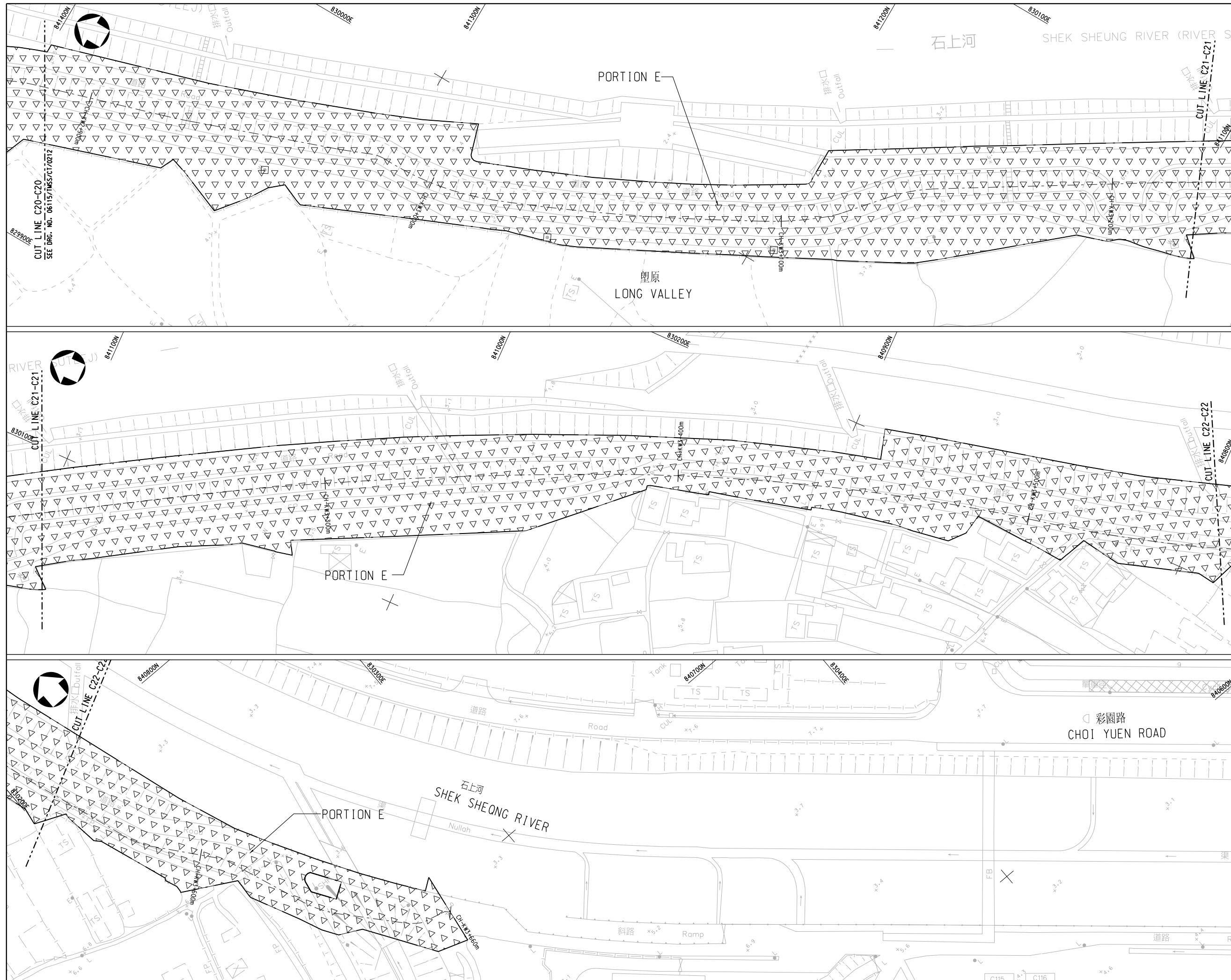
土木工程拓展署
CEDD Civil Engineering and Development Department

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

PORTION OF THE SITE
(SHEET 12 OF 13)

Drawing No.	06115/TMSS/CT/00212			
Designed	Drawn	Checked	Scale	
GT	HAX	DCSC	1:500(A1)	
Approved	Date	Status	比例	
TSN	12/13	CONSTRUCTION	1:1000(A3)	

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	NYH	GT

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

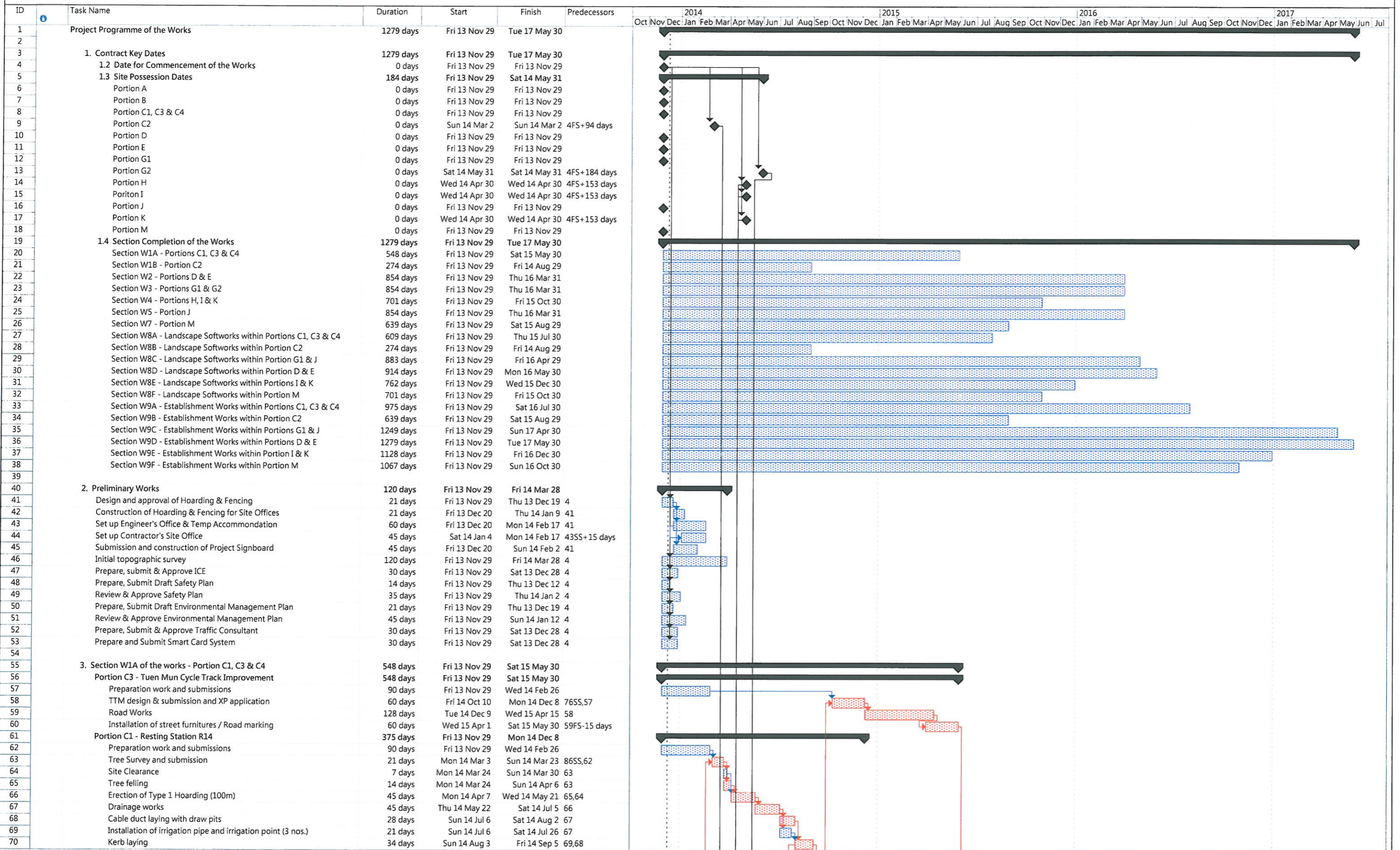
PORTION OF THE SITE
(SHEET 13 OF 13)

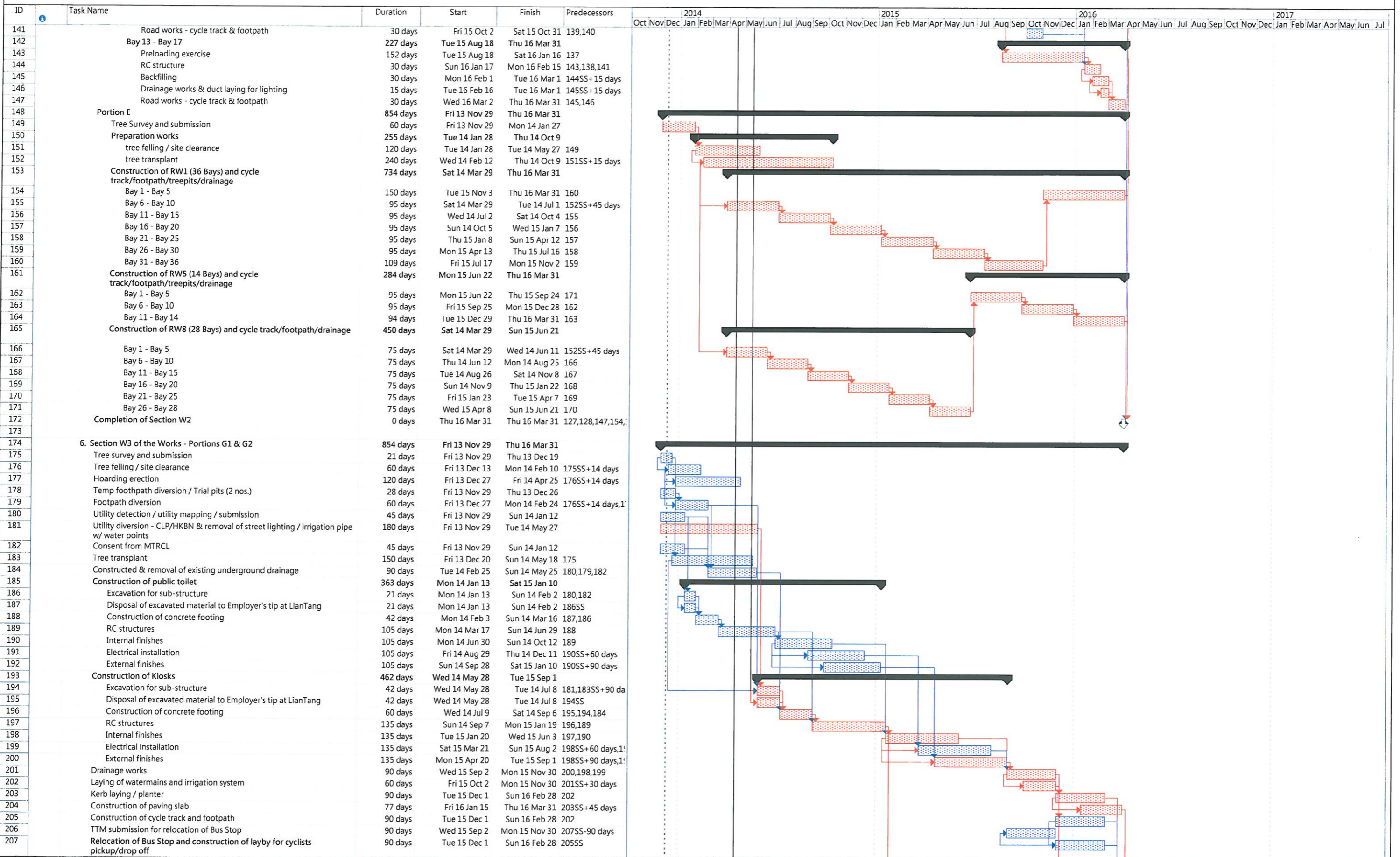
Drawing No.	06115/TMSS/CT/00213			
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GT	HAX	DCSC	1:1000(A3)	
Approved	Date	Status		
TSN	12/13	CONSTRUCTION		

URS

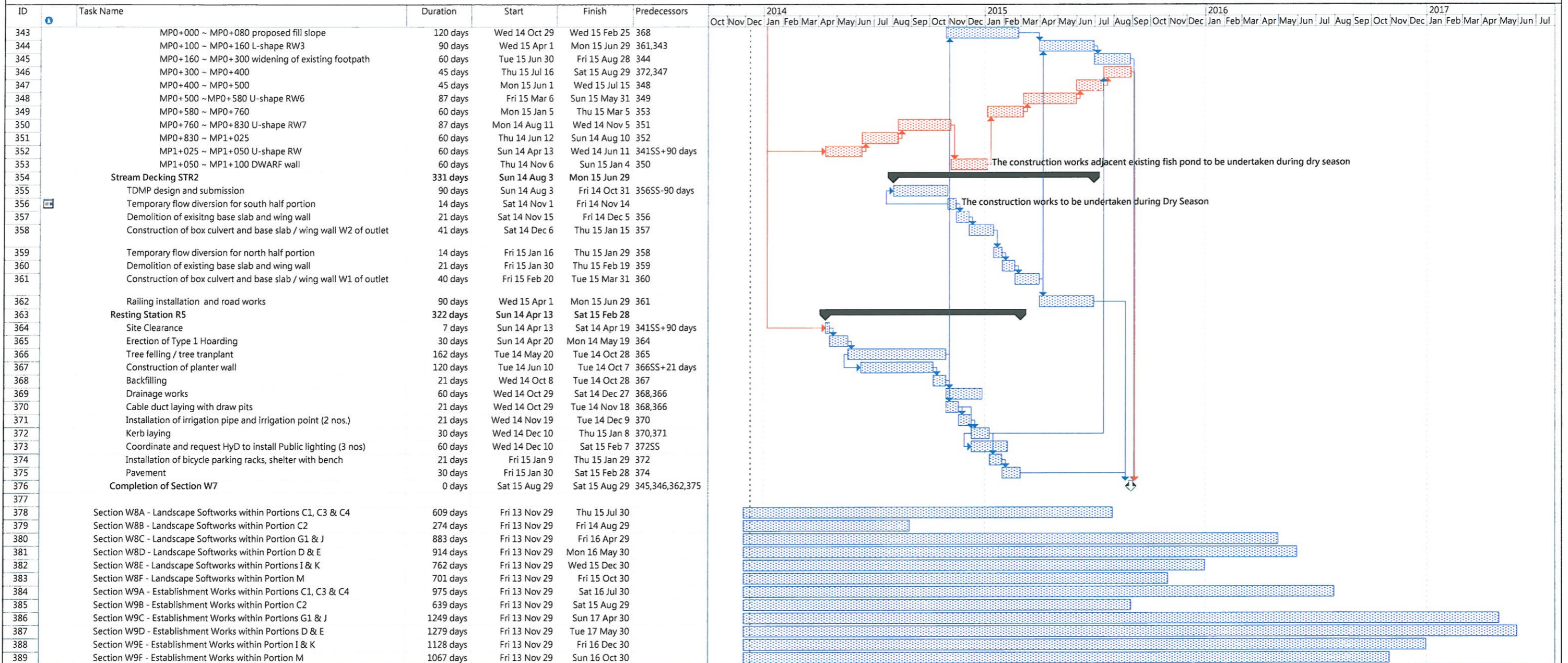
APPENDIX 2

CONSTRUCTION PROGRAMME





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
URS Hong Kong Ltd.	Mr. Rodney Ip	Environmental Team Leader	2410 3750
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
Total	0	0	0

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

Weekly Environmental Walk Inspection Report

Part I :

Contract No. YL/2013/01

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

Date of Inspection 1-9-2014

Time 9:00 - 10:30 am

Persons making the inspection:

Name in Block Letters

1. Brian Ho
2. Michael Wan
3. Ivan Tang
4. Sheann Lee
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>Shek Sheung River</u>	<u>Exposed Soil was not covered by tarpaulin</u>	<u>8/9/2014</u>	<u>6/9/2014</u>	<u>Issue found on 25/8/2014</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 [Signature]

Date 6/9/2014

The Environmental Team's Representative [Signature]

Date 8/9/2014

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. 20)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 11/9/2014 Time 9:00 - 11:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 31 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>Brian Ho</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>URS Hong Kong Ltd.</u>
<u>Suzanne Lee</u>	<u>Environmental Team's Representative</u>	<u>URS Hong Kong Ltd.</u>

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>REMARK*</u>
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Vehicle wheels washed before leaving site	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
p. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	YES	NO	N/A	REMARK*
4. <u>NOISE POLLUTION</u>				
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. <u>WASTE MANAGEMENT</u>				
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	()	()	()	

7. <u>OTHERS</u>				
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	()	()	()	

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

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



Signed By

Signed By

 Name & Title: Sueann Lee
 Environmental Team's Representative

 Name & Title: Ivan Tang IOW
 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. 20
(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(d)	Rectified Date: 6/9/2014
Description: Exposed soil was not covered by tarpaulin	Follow up Action Taken: Exposed soil was covered by tarpaulin
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	

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. 21 (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 8-9-2014

Time 9:00-11:30

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. Brian Ho
2. Michael Wan
3. Wing Tak Wah
4. Suzanna Lee
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.	<u>Shek Sheung River</u>	<u>Drainage blocked & stagnant water accumulated</u>	<u>15/9/2014</u>	<u>13/9/2014</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 [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 [Signature]

The Environmental Team's Representative [Signature]

Date 13/9/2014

Date 13/9/2014

**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. 21
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)**

Environmental Inspection Checklist

Date of Inspection: 8/9/2014 Time: 9:00 - 11:30
 Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 32 °C
 Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
 Locations: Shek Sheung River


Person(s) making the inspection:

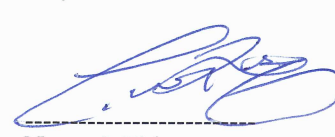
<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>Brian Ho</u>	<u>Contractor's Agent</u>	<u>Sang Hong - Kaly Joint Venture</u>
<u>Michael Wan</u>	<u>Environmental Officer</u>	<u>Sang Hong - Kaly Joint Venture</u>
<u>Wing Tak Wah</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS</u>
<u>Suzann Lee</u>	<u>Environmental Team's Representative</u>	<u>URS</u>
<u>Aloysius Wong</u>	<u>Landscape Architect</u>	<u>Terra Studio Limited</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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Vehicle wheels washed before leaving site	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
h. Site run-off towards silt traps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps & drainages cleared	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>stagnant water accumulated in drainage</u>
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. Wastewater treated as required	<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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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
6. 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
 - o. Other: Please specify
7. 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
9. OTHER COMMENTS
- a. _____
 - b. _____
 - c. _____

Signed By

 Name: Sueann Lee
 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. 21
(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(i)	Rectified Date: 13/9/2014
Description: Drainage was blocked and stagnant water has accumulated	Follow up Action Taken: Drainage was cleared
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	

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. 224 (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 19-9-2014

Time 11:00 – 11:30 am

Persons making the inspection:

Name in Block Letters

1. Bryan Ho
2. Michael Wan
3. Wing Tak Wah
4. Desmond Lee
5. Bong Yu
6. Aloysius Wong
7. _____
8. _____

Designation

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

Signature

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Shek Sheung River</u>	<u>Drainage was blocked & Stagnant water has accumulated</u>	<u>26-9-2014</u>		
2.	<u>Shek Sheung River</u>	<u>Materials were stacked next to existing tree</u>	<u>26-9-2014</u>	<u>24/9/2014</u>	
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 _____
 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. 22)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 19-9-2014 Time 11:00 - 11:30 am
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 32 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>Brian Ho</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>Yong Tak Wah</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Desmond Lee</u>	<u>Environmental Team's Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Bong Yu</u>	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
<u>Aloncius Wong</u>	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

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

	YES	NO	N/A	REMARK*
4. <u>NOISE POLLUTION</u>				
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. <u>WASTE MANAGEMENT</u>				
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	()	()	()	

7. <u>OTHERS</u>				
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	()	()	()	

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

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

Signed By






Name & Title: Diamond Lee
Environmental Team's Representative

Signed By



Name & Title: Twi Hong (iow)
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. 22
(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(i)	Rectified Date:
Description: Drainage was blocked and stagnant water has accumulated	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
	
Item no. 7(b)	Rectified Date: 24-Sep-2014
Description: Materials were stocked next to existing tree	Follow up Action Taken: Materials have been removed
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	

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. 232 (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 24/9/2014

Time 11:30am - 12:00 noon

Persons making the inspection:

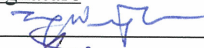



Name in Block Letters

1. W.K. Tang
2. Michael Wan
3. _____
4. Desmond Lee
5. Ivan Tang
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
- The Engineer's Nominated Site Representative
- _____
- _____
- _____

Signature


- 
- 
- _____
- 
- 
- _____
- _____
- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Shek Sheung River</u>	<u>Drainage was blocked & stagnant water has accumulated</u>	<u>3-10-2014</u>		<u>Issue found on 19-9-2014</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 
 Environmental Team's Representative 

Contractor's Agent or his 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 _____
 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. 23)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 24-9-2014 Time 11:30am - 12:00noon
Weather: ~~Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy~~ Temperature: 29 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): 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>Ivan Yau</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Diamond Lee</u>	<u>Environmental Team's Representative</u>	<u>URS Hong Kong Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>


	YES	NO	N/A	REMARK*
1 GENERAL				
a. Environmental Permit (EP) copy at place of work	(<input checked="" type="checkbox"/>)	()	()	
b. Environmental posters/notices at place of work	(<input checked="" type="checkbox"/>)	()	()	
c. Site kept clean and tidy	(<input checked="" type="checkbox"/>)	()	()	
d. Engine shut off when not in use	(<input checked="" type="checkbox"/>)	()	()	
e. Proper maintenance of site plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
f. Other: Please specify	()	()	()	
2. AIR POLLUTION				
a. Site Perimeter Hoardings provided as required	()	()	(<input checked="" type="checkbox"/>)	
b. Haul Road paved or kept wet	()	()	(<input checked="" type="checkbox"/>)	
c. Water spraying during loading and unloading of dusty material	()	()	(<input checked="" type="checkbox"/>)	
d. Exposed stockpile & dusty materials in storage wetted or covered by tarpaulin as required	(<input checked="" type="checkbox"/>)	()	()	
e. Dust suppression measures taken and/or dust Screen erected for dusty site activities	(<input checked="" type="checkbox"/>)	()	()	
f. Wheel washing bays provided at site vehicle exits and maintained in good working order	()	()	(<input checked="" type="checkbox"/>)	
g. Vehicle wheels washed before leaving site	()	()	(<input checked="" type="checkbox"/>)	
h. Dump trucks fitted with mechanical tarpaulin cover	()	()	(<input checked="" type="checkbox"/>)	
i. Dusty loads on vehicles covered by tarpaulin	()	()	(<input checked="" type="checkbox"/>)	
j. Vehicle speed control (8KM/hr) on site	(<input checked="" type="checkbox"/>)	()	()	
k. Black smoke emission control from site plant	()	()	(<input checked="" type="checkbox"/>)	
l. No opening burning of debris on site	(<input checked="" type="checkbox"/>)	()	()	
m. Use of Ultra Low Sulphur Diesel (ULSD) for constructional plant and equipment	(<input checked="" type="checkbox"/>)	()	()	
n. Other: Please specify	()	()	()	
3 WATER POLLUTION				
a. Tightly sealed closed grab excavator used for river channel excavation works	()	()	(<input checked="" type="checkbox"/>)	
b. River excavation works sections by sections as required	()	()	(<input checked="" type="checkbox"/>)	
c. Splashing of sediment avoided during transfer	()	()	(<input checked="" type="checkbox"/>)	
d. Floating debris in river cleared	(<input checked="" type="checkbox"/>)	()	()	
e. Leakage from plant & vessel avoided	()	()	(<input checked="" type="checkbox"/>)	
f. Wheel washing bay desilted regularly	()	()	(<input checked="" type="checkbox"/>)	
g. Temporary drainage diversion provided as required	()	()	(<input checked="" type="checkbox"/>)	
h. Site runoff/wastewater discharge through silt traps or sedimentation tanks	(<input checked="" type="checkbox"/>)	()	()	
i. Silt traps, sedimentation tank & drainages cleared	()	(<input checked="" type="checkbox"/>)	()	<u>Issue found on 19-9-2014</u>
J Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	()	()	(<input checked="" type="checkbox"/>)	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	()	()	(<input checked="" type="checkbox"/>)	
p. Other: Please specify	()	()	()	

	YES	NO	N/A	REMARK*
4. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	()	()	(✓)	
i. Full compliance with CNP conditions	()	()	(✓)	
j. Other: Please specify	()	()	()	
5. WASTE MANAGEMENT				
a. Designated area for sorting and temporary storage of C & D materials on site	(✓)	()	()	
b. Proper sorting of inert and non-inert materials	(✓)	()	()	
c. Recycle bins for recycling of different materials	(✓)	()	()	
d. Rubbish bins for general rubbish	(✓)	()	()	
e. Measures taken to avoid cross contamination of different wastes	(✓)	()	()	
f. Disposed of regularly to avoid excessive accumulation	(✓)	()	()	
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	(✓)	()	()	
h. Registration as Chemical Waste Producer as required	(✓)	()	()	
i. Chemical wastes properly labeled and packaged	()	()	(✓)	
j. Chemical wastes pending collection stored properly to avoid leakage	()	()	(✓)	
k. Used trip tickets kept for chemical waste disposal	()	()	(✓)	
l. Proper handling of contaminated soil samples in land contamination investigation work	()	()	(✓)	
m. Proper storage of contaminated soil samples in land contamination investigation work	()	()	(✓)	
n. Emergency spillage procedure posted and correctly implemented	(✓)	()	()	
o. Other: Please specify	()	()	()	
7. 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	()	()	()	
9. OTHER COMMENTS				*To record the details of compliance for the checked items if applicable
a.	_____			
b.	_____			
c.	_____			


Signed By

Signed By


 Name & Title: Desmond Lee
 Environmental Team's Representative


 Name & Title: Ivan Yau (A'ow)
 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. 23
(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(i)	Rectified Date:
Description: Drainage was blocked and stagnant water has accumulated	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	

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

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

Weekly Environmental Walk No. 24 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

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 29-9-2014

Time 9:45 - 10:50 am

Persons making the inspection:

Name in Block Letters

1. W.K. Tong
2. Michael Wan
3. Wong Tak Wah
4. Diamond Lee
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

- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	<u>Shek Sheung River</u>	<u>Drainage was blocked and stagnant water has accumulated</u>	<u>6-10-2014</u>		<u>Issue found on 19-9-2014</u>
2.	<u>Shek Sheung River</u>	<u>Transplanted trees were leaning over</u>	<u>6-10-2014</u>		
3.	<u>Shek Sheung River</u>	<u>Transplanted trees were not maintained as required.</u>	<u>6-10-2014</u>		
4.	<u>Shek Sheung River</u>	<u>Transplanted trees were withered</u>	<u>6-10-2014</u>		
5.	<u>Shek Sheung River</u>	<u>Ineffective diversion works of discharge water</u>	<u>6-10-2014</u>		
6.					
7.					
8.					

To be signed at the end of inspection:

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

The Engineer's Nominated Site Representative
Environmental Team's Representative Das

Contractor's Agent or his Representative
Landscape Architect Wong Tak Wah

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.24)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 29-9-2014
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy
Wind: Calm/Light/Breeze/Strong
Location(s): Shek Sheung River

Time 9:45 - 10:30 am
Temperature: 32 °C
Humidity: High/Moderate/Low

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 Wbn</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>Wong Tak Wsh</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Desmond Lee</u>	<u>Environmental Team's Representative</u>	<u>URS Hong Kong Ltd.</u>
	<u>Independent Environmental Checker (IEC)</u>	<u>Fugro (Hong Kong) Ltd.</u>
<u>Alexius Wang</u>	<u>Landscape Architect</u>	<u>Terra Studio Ltd.</u>

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

	YES	NO	N/A	REMARK*
4. <u>NOISE POLLUTION</u>				
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. <u>WASTE MANAGEMENT</u>				
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	()	()	()	

7. <u>OTHERS</u>				
a. Existing trees and vegetation maintained and protected as required	()	(✓)	()	Transplanted trees were not maintained 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	()	(✓)	()	Transplanted trees were leaning over or withered.

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

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




Signed By




 Name & Title: Desmond Lee
 Environmental Team's Representative

Signed By


 Name & Title: _____ (ION)
 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. 24
(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(i)	Rectified Date:
Description: Drainage was blocked and stagnant water has accumulated	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
	
Item no. 7(g)	Rectified Date:
Description: Transplanted trees were leaning over	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
	
Item no. 7(g)	Rectified Date:
Description: Transplanted trees were withered	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 7(a)	Rectified Date:
Description: Transplanted trees were not maintained as required	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
	
Item no. 3(g)	Rectified Date:
Description: Ineffective diversion works of discharge water	Follow up Action Taken: Follow-up action required
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	