



FAX MESSAGE

Priority normal / urgent

To	URS Hong Kong Limited	Ref. No.	MCLF3327
Country		Email	rodney.ip@urs.com
Attn.	Mr. Rodney Ip	Date	11 November 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 October 2014		

We refer to the revised Monthly EM&A Report Rev. 0 for October 2014 that we received through email on 07 November 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 October 2014

(Designated Project Works Area)

Prepared for:
Civil Engineering and
Development Department




HONG KONG



Nov 2014



REVISION SCHEDULE

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	12 November 2014	EM&A Report No. 6 – October 2014	Desmond Lee	Rodney Ip	Harold Insley
Signature					

REVISION RECORD

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	12 November 2014	EM&A Report No. 6 – October 2014	Desmond Lee	Rodney Ip	Harold Insley

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TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1. BASIC PROJECT INFORMATION	3
1.1. Introduction	3
1.2. Project Organization and Management	4
2. SUMMARY OF WORK ACTIVITIES AND CONSTRUCTION STATUS	5
2.1. Works Undertaken during the Month.....	5
3. STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS.....	7
3.1. Environmental Requirements	7
3.2. Environmental Site Inspections	9
4. SUMMARY OF ENVIRONMENTAL PERMIT AND LICENCES	13
5. CUMULATIVE LOG OF COMPLAINTS, NOTICES, SUMMONS AND REMEDIAL ACTION	13
6. CONCLUSIONS	14

LIST OF TABLES

Table 2.1	WORK ACTIVITIES FOR THIS REPORTING MONTH
Table 2.2	PLANNED ACTIVITIES FOR THE COMING TWO MONTHS (NOVEMBER & DECEMBER 2014)
Table 3.1	SUMMARY OF QUANTITIES OF WASTE FOR DISPOSAL IN THIS REPORTING MONTH
Table 3.2	SUMMARY OF FINDINGS FROM SITE INSPECTIONS

LIST OF FIGURE

FIGURE 1.1 – ORGANIZATION CHART OF ENVIRONMENTAL TEAM

LIST OF APPENDICES

APPENDIX 1 – SITE LAYOUT PLANS

APPENDIX 2 – CONSTRUCTION PROGRAMME

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

APPENDIX 4 – CUMULATIVE LOG OF COMPLAINTS

APPENDIX 5 – WEEKLY ENVIRONMENTAL WALK RECORDS

ABBREVIATION

CEDD	Civil Engineering and Development Department
C&D	Construction & Demolition
CNP	Construction Noise Permit
EM&A	Environmental Monitoring and Audit
EMP	Environmental Management Plan
EPD	Environmental Protection Department
ET	Environmental Team
IEC	Independent Environmental Checker
NSR	Noise Sensitive Receiver
NT	New Territories
PME	Powered Mechanical Equipment
RE	Resident Engineer
TTS#	Trip-ticket System

EXECUTIVE SUMMARY

The ET of 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. 6 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 October 2014 to 31 October 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 9 October, 17 October, 22 October, and 27 October 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 and protected not well, ineffective desilting measures, chemical leakage from hydraulic excavator.

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 transplanted trees maintenance and protection. Follow-up Transplanted Trees Condition Survey has been agreed to be carried out by the Contractor. 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 November 2014 to 30 November 2014 of the Project consist of:

1) Portion D:

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

2) Portion E:

- Construction of Retaining Wall

3) Portion M:

- Tree felling and transplantation;
- Site clearance works
- Construction of Stream Decking
- Construction of Cycle Track
- Construction of Retaining Wall

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. 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**.

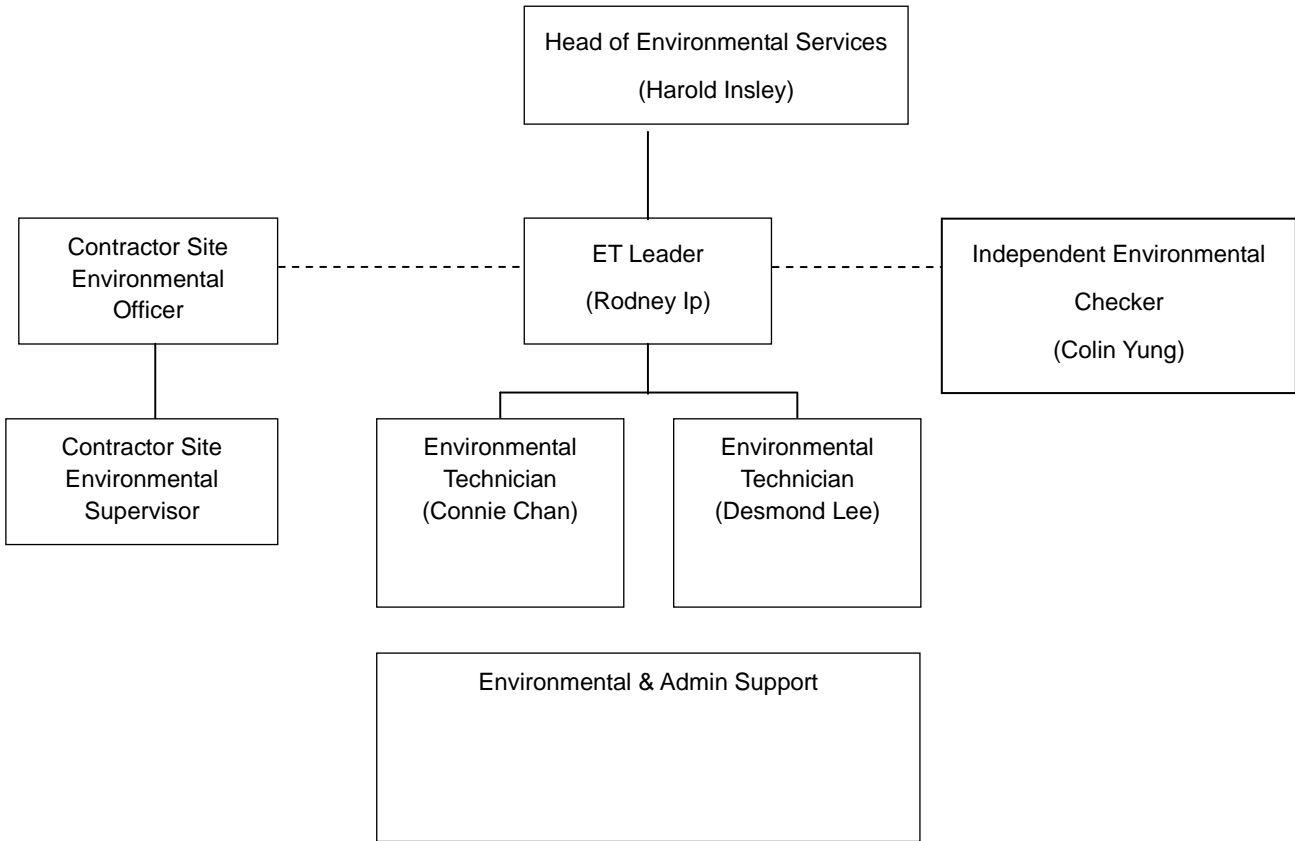


Figure 1.1 Organization Chart of ET

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 Excavation for Construction of Retaining Wall No. 2, 4	Protection of Trees Production of solid waste Production of dust Production of Noise Production of dusty site run off	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)	Construction of Retaining Wall No.1, 5, 8 (Concreting, Formworks, Steelworks)	Protection of Trees Production of solid waste Production of dust Production of Noise Production of dusty site runoff	No soil, materials or equipment shall be stockpiled within the tree protection zones Implementing TTS# 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 Production of Noise Production of dusty site run off	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

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 (November & December 2014). The anticipated environmental issues are summarised as follows:

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

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	Site Clearance Tree Felling and Transplant Excavation for Construction of Retaining Wall No. 2, 4	Protection of Trees Production of solid waste Production of dust Production of Noise Production of site run off	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 Extra sand bags and silt traps shall be provided
Portion E (Shek Sheung River)	Construction of Retaining Walls RW 1, 5, 8 (Concreting, Formworks, Steelworks)	Protection of Trees Production of solid waste Production of dust Production of Noise Production of site run off	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 Extra sand bags and silt traps shall be provided
Portion M* (Kam Tin River)	Site Clearance Tree Felling and Transplant Excavation Work Construction of Retaining Walls (Concreting, Formworks, Steelworks)	Protection of Trees Production of solid waste Production of dust Production of Noise Production of site run off	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

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
	<ul style="list-style-type: none"> - Construction of Cycle Track - Construction of Stream Decking 		<ul style="list-style-type: none"> - Extra sand bags and silt traps shall be provided

2.1.4. The site inspection schedule for the next month (1 November 2014 to 30 November 2014) is designated on 3 November, 14 November, 19 November and 24 November 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)	0
	Hard Rock and Large Broken Concrete (in '000m ³)	0
	Reused in the Contract (in '000m ³)	0
	Reused in other Projects (in '000m ³)	0
	Disposed as Public Fill (in '000m ³)	0
	Imported Fill (in '000m ³)	0
C&D Waste	Metals (in '000kg)	0.01
	Paper/cardboard packing (in '000kg)	0.01
	Plastic (in '000kg)	0.01
	Chemical Waste (in '000kg)	0
	Others, e.g. general refuse (in '000m ³)	0.029

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 transplanted trees maintenance and protection. Follow-up Transplanted Trees Condition Survey has been agreed to be carried out by the Contractor. 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	9 Oct 2014	Portion E (Shek Sheung River)	Transplanted trees were not maintained as required	Follow-up Transplanted Trees Condition Survey has been agreed to be carried out by the Contractor, the completion date is agreed to be 12 Dec 2014	-
2	9 Oct 2014	Portion E (Shek Sheung River)	Transplanted trees were withered	Follow-up Transplanted Trees Condition Survey has been agreed to be carried out by the Contractor, the completion date is agreed to be 12 Dec 2014	-
3	9 Oct 2014	Portion E (Shek Sheung River)	Ineffective desilting measures	Desilting measure has been revised and stagnant site runoff has been removed	17 Oct 2014
4	9 Oct 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Exposed stockpiles have been removed	3 Nov 2014
5	17 Oct 2014	Portion E (Shek Sheung River)	Drainages have silted up and are blocked	Drainages have been cleared	27 Oct 2014
6	17 Oct 2014	Portion E (Shek Sheung River)	Ineffective desilting measures	Desilting measures have been rectified	27 Oct 2014
7	17 Oct 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Agreed to be completed by 17 Nov 2014	-
8	17 Oct 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Agreed to be completed by 17 Nov 2014	-
9	17 Oct 2014	Portion E (Shek Sheung River)	Chemical leakage from hydraulic excavator	Agreed to be completed by 10 Nov 2014	-

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
10	17 Oct 2014	Portion E (Shek Sheung River)	Trees were not maintained and protected as required	Transplanted trees have been protected as required	22 Oct 2014
11	22 Oct 2014	Portion E (Shek Sheung River)	Drainages have silted up and are blocked	Drainages have been cleared	27 Oct 2014
12	22 Oct 2014	Portion E (Shek Sheung River)	Ineffective desilting measures	Desilting measures have been rectified	27 Oct 2014
13	22 Oct 2014	Portion E (Shek Sheung River)	Drainages were not cleared	Drainages have been cleared	27 Oct 2014
14	22 Oct 2014	Portion E (Shek Sheung River)	Chemical leakage from hydraulic excavator	Item No. 9	-
15	22 Oct 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Item No. 7	-
16	22 Oct 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Item No. 8	-
17	27 Oct 2014	Portion E (Shek Sheung River)	Transplanted trees were not protected as required	Agreed to be completed by 3 Dec 2014	-
18	27 Oct 2014	Portion E (Shek Sheung River)	Chemical leakage from hydraulic excavator	Item No. 9	-
19	27 Oct 2014	Portion E (Shek Sheung River)	Site runoff has been trapped in excavated well	Agreed to be completed by 3 Nov 2014	-
20	27 Oct 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Item No. 7	-

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
21	27 Oct 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Item No. 8	-

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

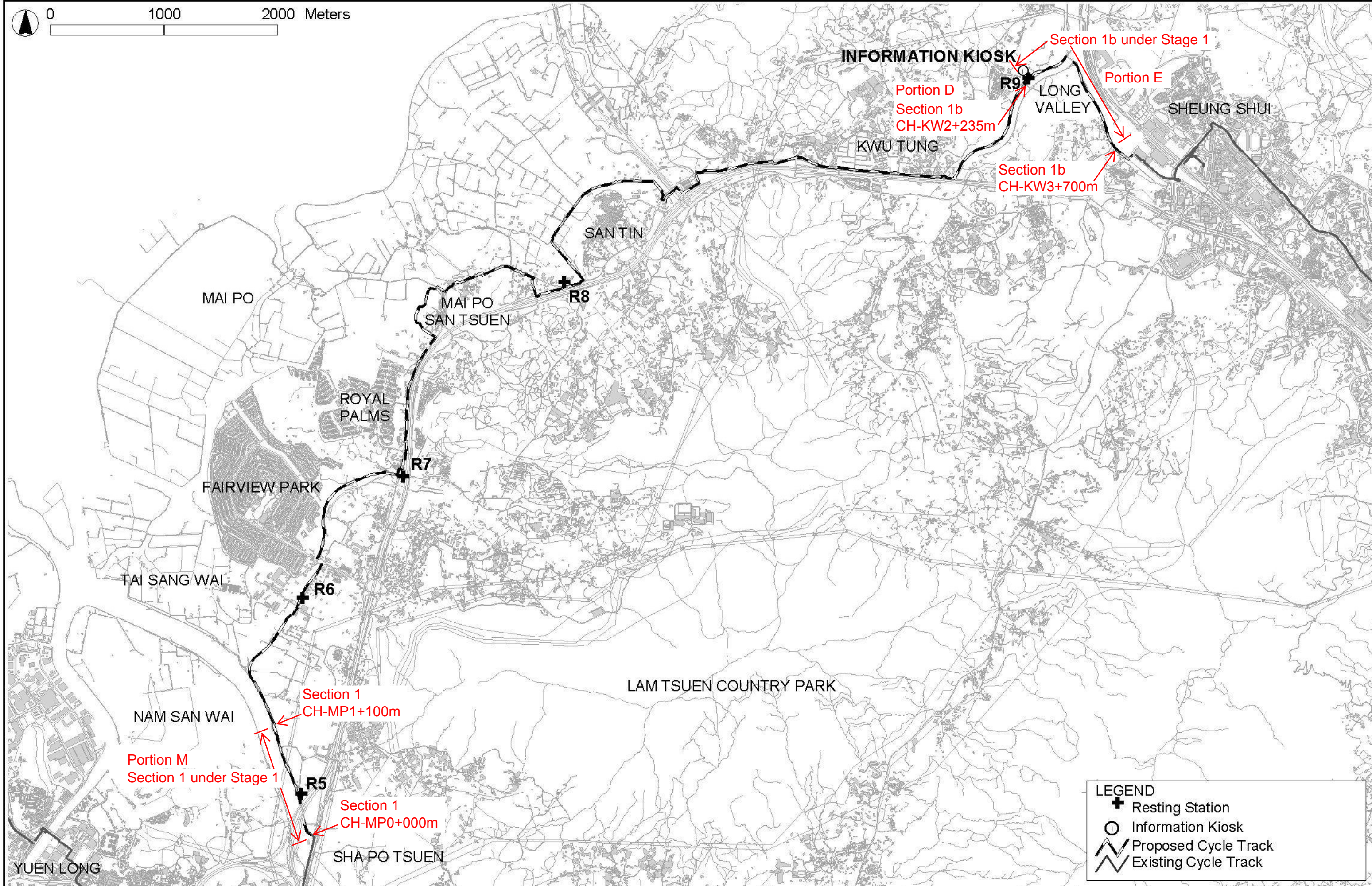
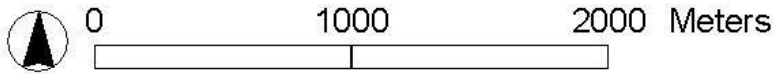
5.1.1. The cumulative log of complaints, notices and summons is provided in [Appendix 4](#) where there were no complaints, summons nor notices reported since the commencement of the construction work so far.

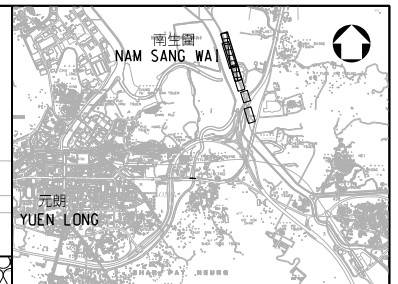
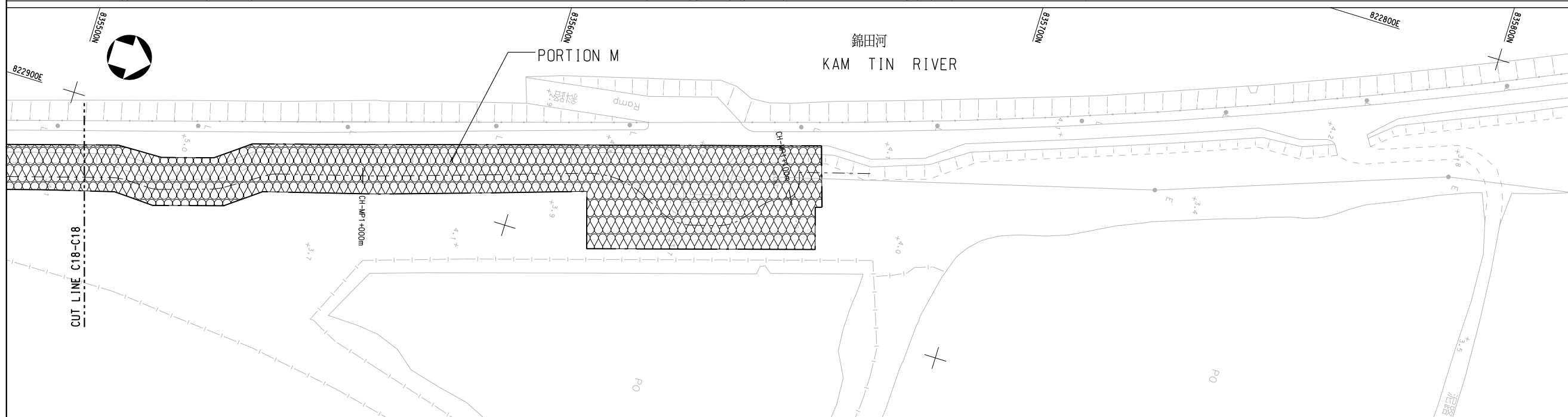
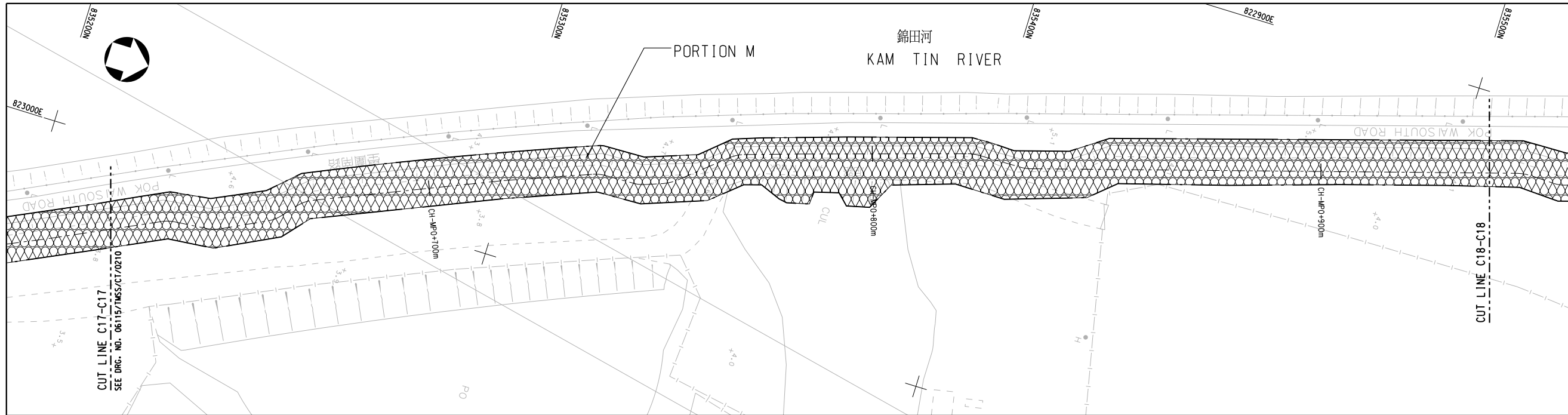
6. CONCLUSIONS

- 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 and protected not well, ineffective desilting measures, chemical leakage from hydraulic excavator.
- 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 transplanted trees maintenance and protection. Follow-up Transplanted Trees Condition Survey has been agreed to be carried out by the Contractor. 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

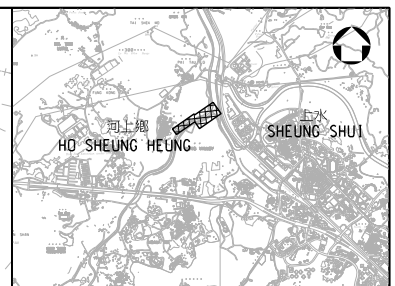
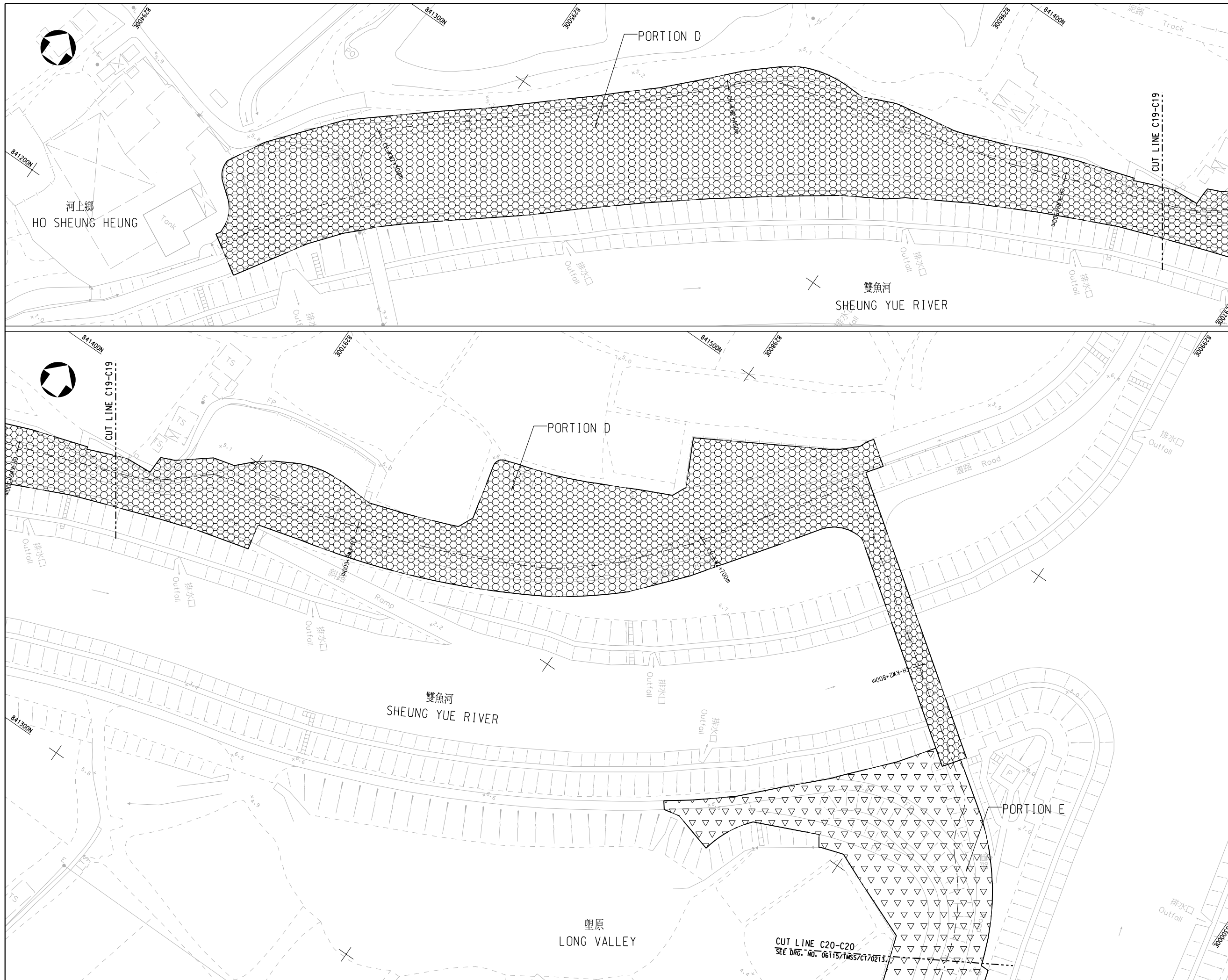
CEDD 土木工程拓展署
Civil Engineering and
Development Department

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

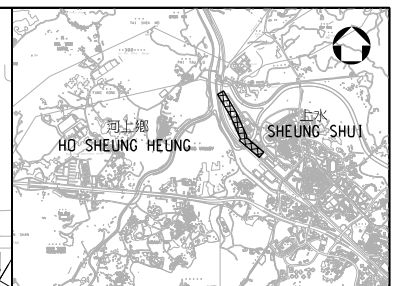
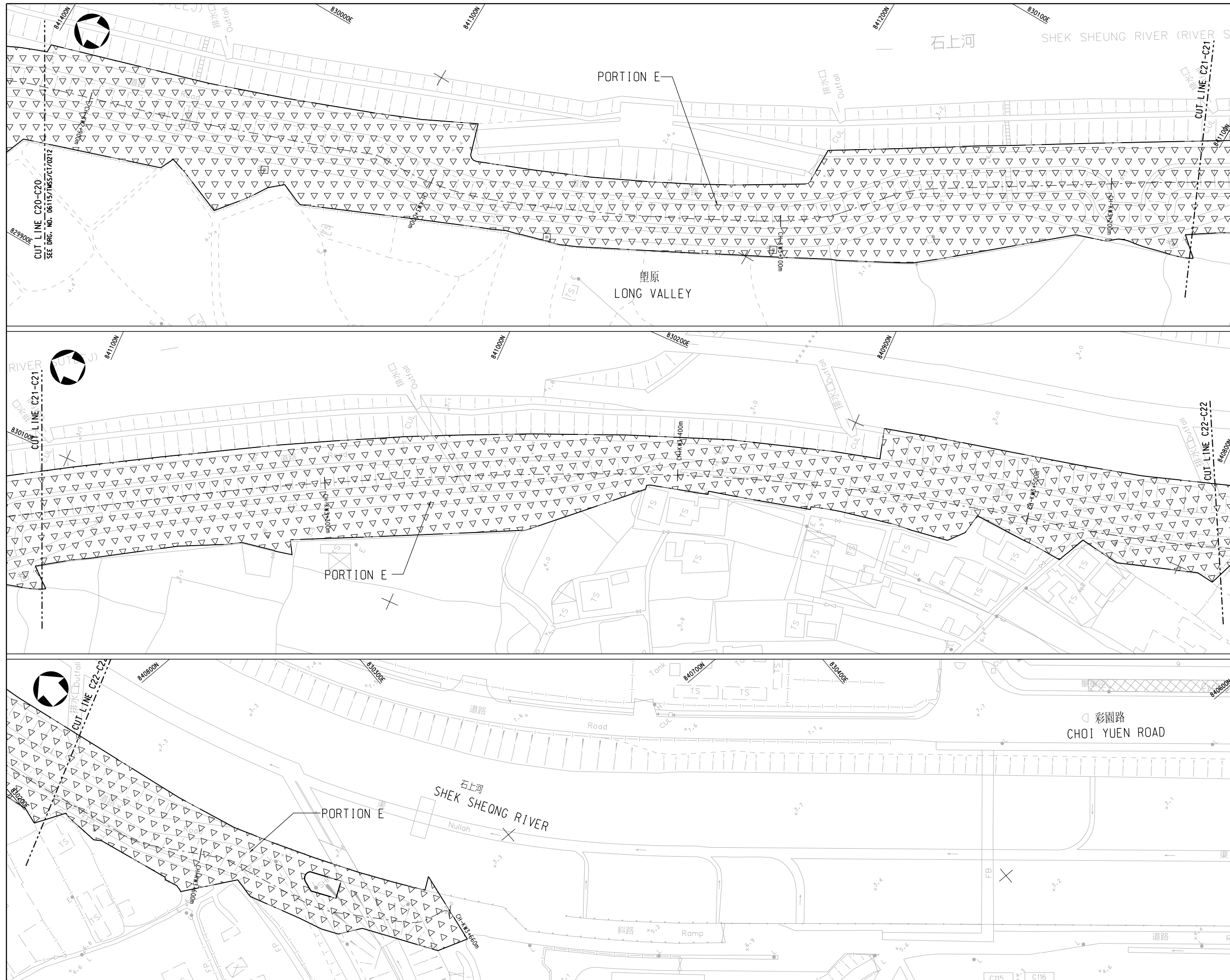
土木工程拓展署
CEDD Civil Engineering and
Development Department

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			
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設計 GT	繪圖 HAX	校核 DCSC	比例 1:500(A1)	
Approved	Date	Status		
批准 TSN	日期 12/13	狀態 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 13 OF 13)

Drawing No.	06115/TMSS/CT/00213			
Designed	Drawn	Checked	Scale 1:500(A1)	
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Approved	Date	Status		
TSN	12/13	CONSTRUCTION		

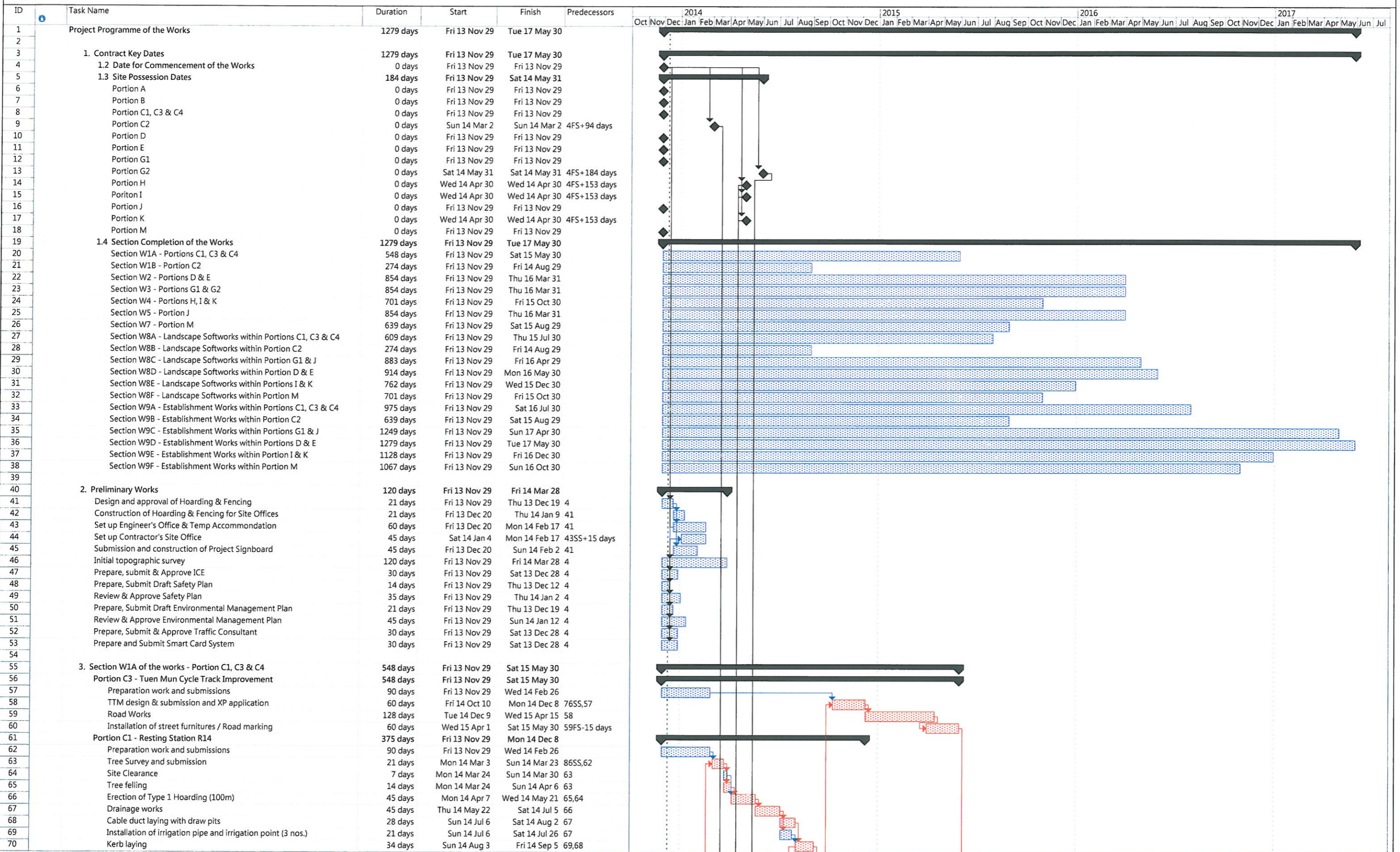
URS

APPENDIX 2

CONSTRUCTION PROGRAMME

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

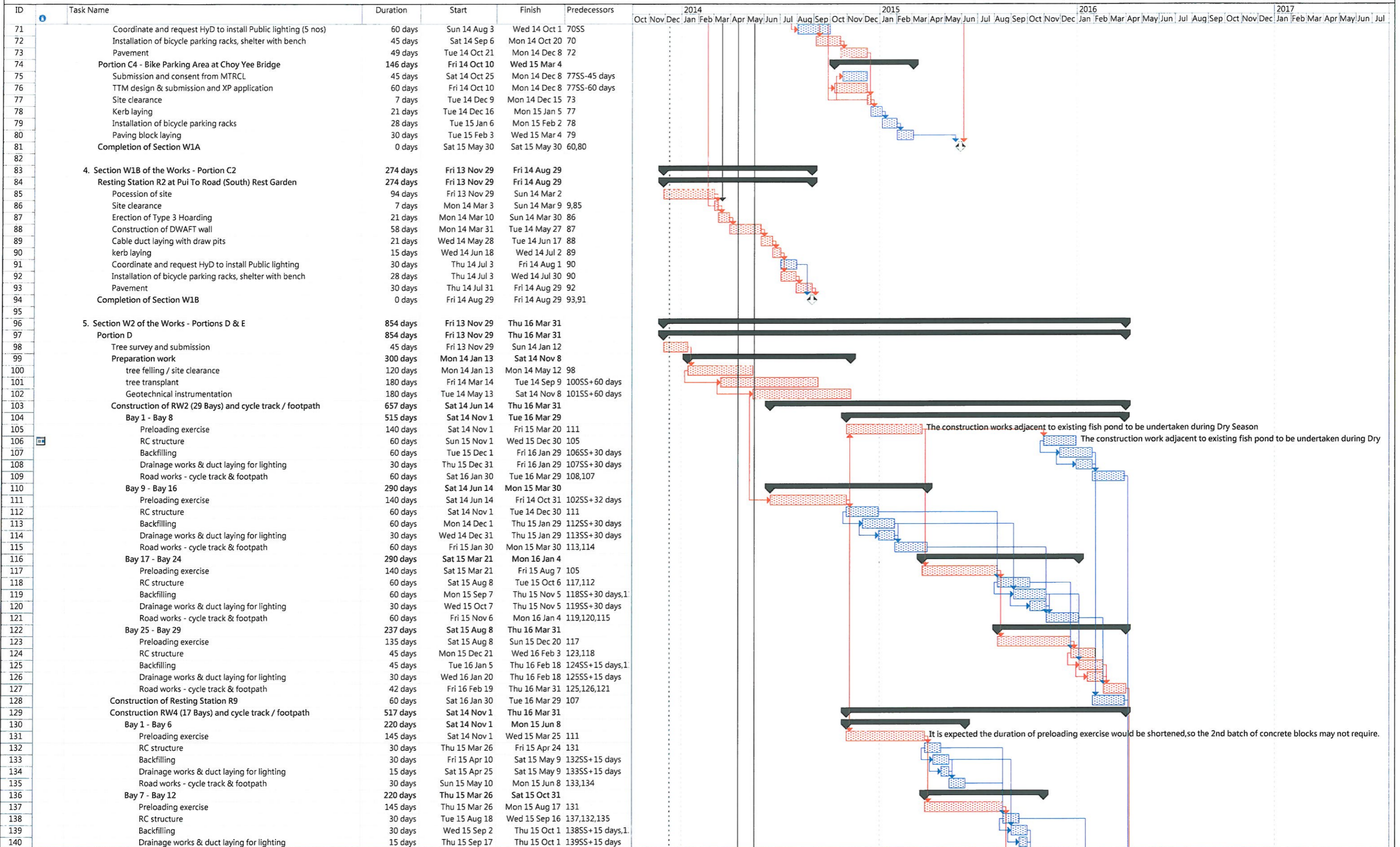
Project Programme of the Works



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

Task: [Blue hatched bar] Progress, [Black bar] Summary, [Red hatched bar] Milestone, [Black diamond] Rolled Up Task, [Blue hatched bar] Rolled Up Milestone, [Red hatched bar] Split, [Black bar] External Tasks, [Black bar] Group By Summary, [Black bar] Project Summary, [Black bar] Deadline

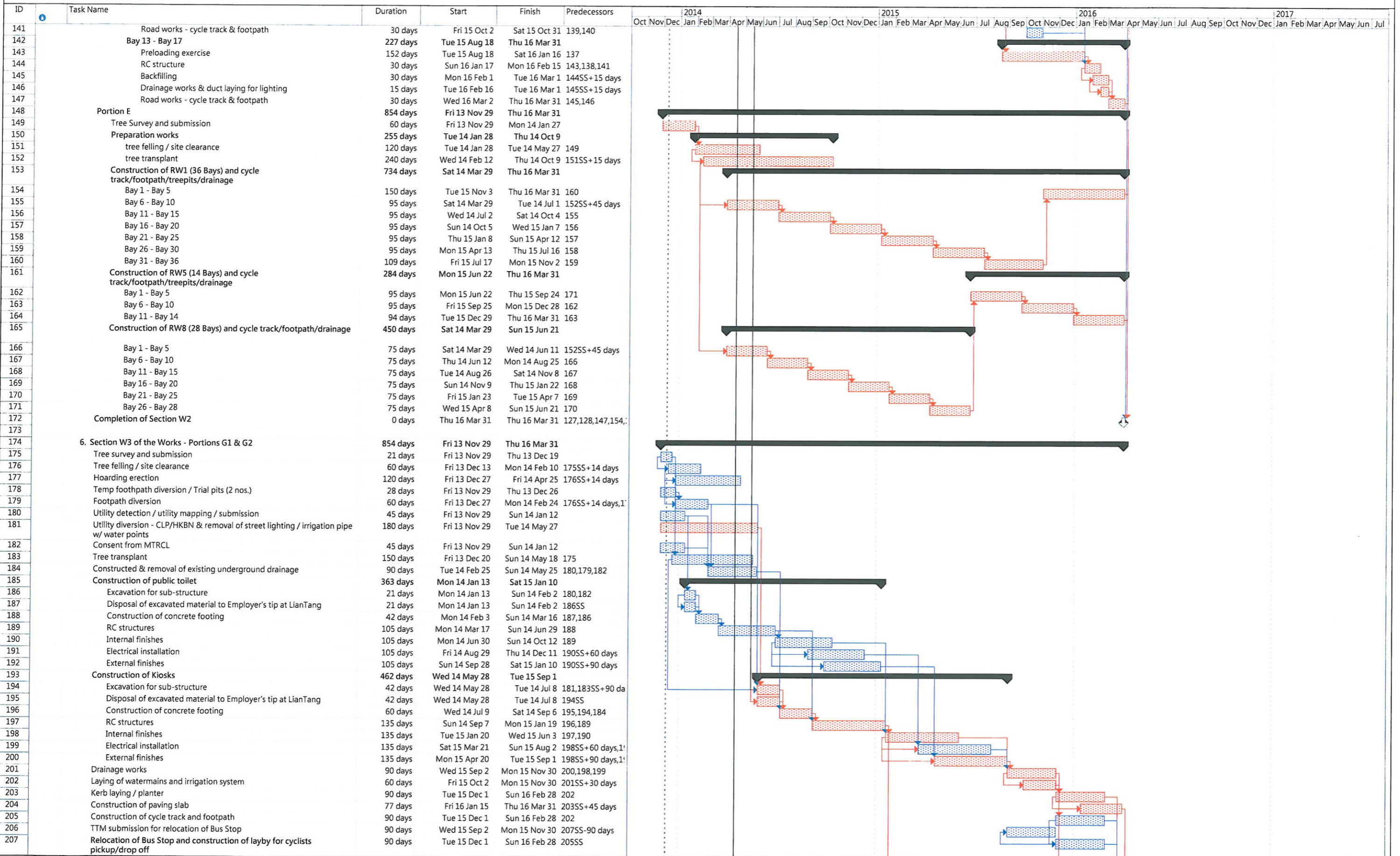
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1
Project Programme of the Works



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

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

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



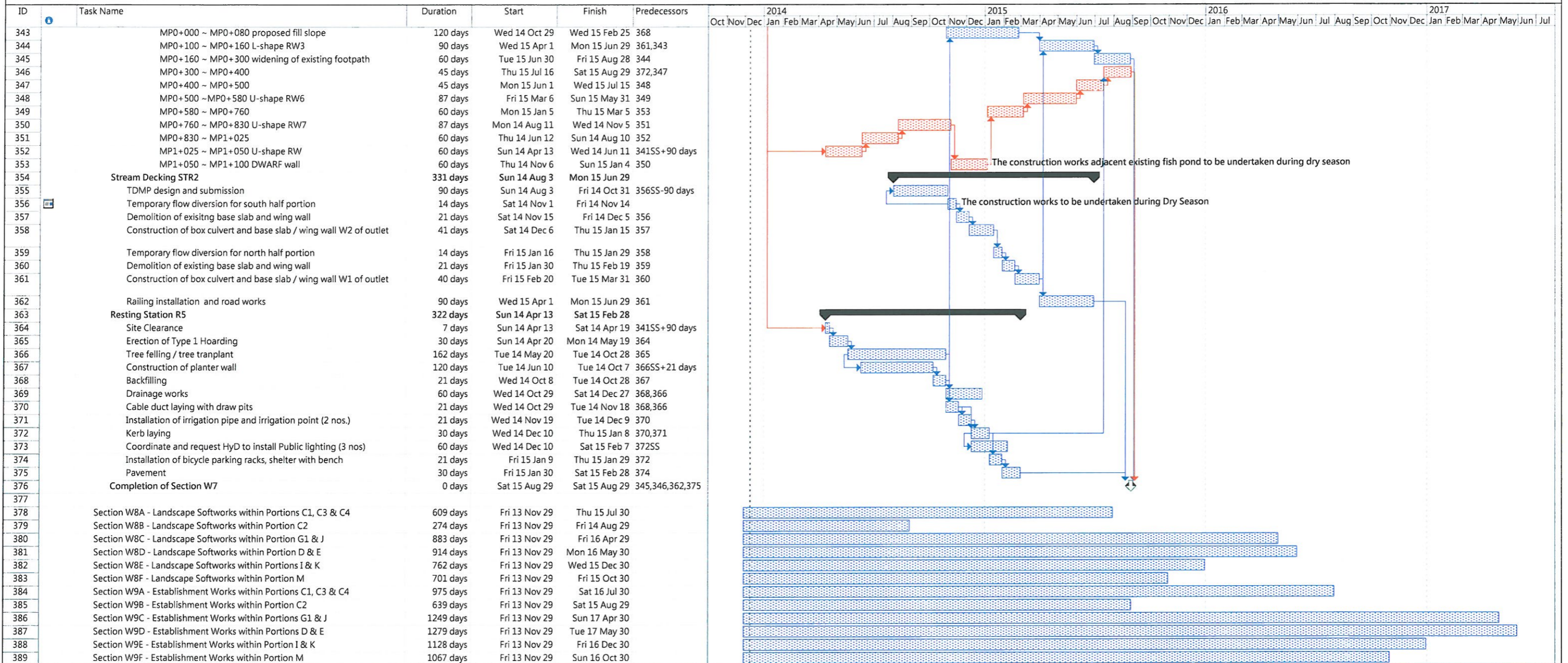
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1
Project Programme of the Works

ID	Task Name	Duration	Start	Finish	Predecessors	2014	2015	2016	2017
						Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul
276	CHA - m0+00 ~ m0+200 YOHO Town Phase 3 Development	125 days	Mon 14 Oct 13	Sat 15 Feb 14	282				
277	CHA - E5+840 ~ E5+915 Pok Io	50 days	Sun 15 Feb 15	Sun 15 Apr 15	276				
278	Stream Decking STR1	240 days	Thu 14 May 1	Fri 14 Dec 26					
279	Submission and consent from MTRCL	30 days	Thu 14 May 1	Fri 14 May 30	175S				
280	ELS / Excavation	60 days	Sat 14 May 31	Tue 14 Jul 29	279				
281	Base slab	30 days	Wed 14 Jul 30	Thu 14 Aug 28	280				
282	Wall and top Slab	45 days	Fri 14 Aug 29	Sun 14 Oct 12	281				
283	Railing	45 days	Mon 14 Oct 13	Wed 14 Nov 26	282				
284	Road works / Pavement	30 days	Thu 14 Nov 27	Fri 14 Dec 26	283				
285	Resting Station R4	208 days	Mon 15 Apr 6	Fri 15 Oct 30					
286	Tree survey and submission	14 days	Mon 15 Apr 6	Sun 15 Apr 19	277				
287	Site clearance	7 days	Mon 15 Apr 20	Sun 15 Apr 26	286				
288	Erection of temporary chain-link fence	14 days	Mon 15 Apr 27	Sun 15 May 10	287				
289	Tree felling	7 days	Mon 15 May 11	Sun 15 May 17	288				
290	Drainage works	21 days	Mon 15 May 18	Sun 15 Jun 7	289				
291	Cable duct laying with draw pits	25 days	Mon 15 Jun 8	Thu 15 Jul 2	290				
292	Installation of irrigation pipe and irrigation point (3 nos.)	25 days	Mon 15 Jun 8	Thu 15 Jul 2	290				
293	Kerb laying	30 days	Fri 15 Jul 3	Sat 15 Aug 1	291,292				
294	Coordinate and request HyD to install Public lighting (4 nos)	60 days	Fri 15 Jul 3	Mon 15 Aug 31	293SS				
295	Installation of bicycle parking racks, shelter with bench	45 days	Sun 15 Aug 2	Tue 15 Sep 15	293				
296	Pavement	45 days	Wed 15 Sep 16	Fri 15 Oct 30	295				
297	Completion of Section W4	0 days	Fri 15 Oct 30	Fri 15 Oct 30	226,233,245,253,296				
298									
299	8. Section W5 of the Works - Portion J	854 days	Fri 13 Nov 29	Thu 16 Mar 31					
300	Tree survey and submission	14 days	Fri 13 Nov 29	Thu 13 Dec 12					
301	Tree felling / site clearance	14 days	Fri 13 Dec 6	Thu 13 Dec 19	300SS+7 days				
302	Hoarding erection	90 days	Fri 13 Dec 20	Wed 14 Mar 19	301				
303	Trial pits (4 nos.)	48 days	Fri 13 Nov 29	Wed 14 Jan 15					
304	Utility detection / detection of existing DN1000 rising main sewer / utility mapping / submission	30 days	Fri 13 Nov 29	Sat 13 Dec 28					
305	Utility diversion - gas main & PCCW cable by others	90 days	Sun 13 Dec 29	Fri 14 Mar 28	304				
306	Tree transplant	90 days	Fri 13 Dec 13	Wed 14 Mar 12	300				
307	Construction of food kiosk and metter room	426 days	Mon 14 Feb 3	Sat 15 Apr 4					
308	Excavation for sub-structure	21 days	Mon 14 Feb 3	Sun 14 Feb 23	302SS+45 days,31				
309	Disposal of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Mon 14 Feb 3	Sun 14 Feb 23	308SS				
310	Construction of concrete footing	45 days	Mon 14 Feb 24	Wed 14 Apr 9	309,308				
311	RC structures	150 days	Thu 14 Apr 10	Sat 14 Sep 6	310				
312	Internal finishes	120 days	Sun 14 Sep 7	Sun 15 Jan 4	311				
313	Electrical installation	120 days	Thu 14 Nov 6	Thu 15 Mar 5	312SS+60 days				
314	External finishes	120 days	Sat 14 Dec 6	Sat 15 Apr 4	312SS+90 days				
315	Construction of first aid and cycle rental kiosks	426 days	Sat 14 Mar 29	Thu 15 May 28					
316	Excavation for sub-structure	21 days	Sat 14 Mar 29	Fri 14 Apr 18	302SS+60 days,31				
317	Disposla of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Sat 14 Mar 29	Fri 14 Apr 18	316SS				
318	Construction of concrete footing	45 days	Sat 14 Apr 19	Mon 14 Jun 2	317,316,310				
319	RC structures	150 days	Tue 14 Jun 3	Thu 14 Oct 30	318				
320	Internal finishes	120 days	Fri 14 Oct 31	Fri 15 Feb 27	319				
321	Electrical installation	120 days	Tue 14 Dec 30	Tue 15 Apr 28	320SS+60 days				
322	External finishes	120 days	Thu 15 Jan 29	Thu 15 May 28	320SS+90 days				
323	Construction of public toilet	426 days	Mon 14 Apr 28	Sat 15 Jun 27					
324	Excavation for sub-structure	21 days	Mon 14 Apr 28	Sun 14 May 18	316SS+30 days				
325	Disposal of excavated material to Employer's tip at LianTang and DSD Contract DC/2010/02	21 days	Mon 14 Apr 28	Sun 14 May 18	324SS				
326	Construction of concrete footing	45 days	Mon 14 May 19	Wed 14 Jul 2	325,324,310				
327	RC structures	150 days	Thu 14 Jul 3	Sat 14 Nov 29	326				
328	Internal finishes	120 days	Sun 14 Nov 30	Sun 15 Mar 29	327				
329	Electrical installation	120 days	Thu 15 Jan 29	Thu 15 May 28	328SS+60 days				
330	External finishes	120 days	Sat 15 Feb 28	Sat 15 Jun 27	328SS+90 days				
331	Drainage works	90 days	Sun 15 Jun 28	Fri 15 Sep 25	314,322,330,312,330				
332	Laying of watermains and irrigation system	60 days	Tue 15 Jul 28	Fri 15 Sep 25	331SS+30 days				
333	Kerb laying / planter	120 days	Sat 15 Sep 26	Sat 16 Jan 23	332,331				
334	Construction of paving slab	128 days	Wed 15 Nov 25	Thu 16 Mar 31	333SS+60 days				
335	Completion of Section W5	0 days	Thu 16 Mar 31	Thu 16 Mar 31	334				
336									
337	9. Section W7 of the Works - Portion M	639 days	Fri 13 Nov 29	Sat 15 Aug 29					
338	Cycle Tracks, Footpaths & associated Road Works at Kam Tin River	639 days	Fri 13 Nov 29	Sat 15 Aug 29					
339	CH - MP0+000 ~ MP1+100	639 days	Fri 13 Nov 29	Sat 15 Aug 29					
340	Tree survey and submission	45 days	Fri 13 Nov 29	Sun 14 Jan 12					
341	Tree Transplant	150 days	Mon 14 Jan 13	Wed 14 Jun 11	340				
342	Construction of cycle track / footpath	504 days	Sun 14 Apr 13	Sat 15 Aug 29					

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

Task: Progress (Blue hatched), Milestone (Red hatched), Summary (Black bar), Rolled Up Task (Blue outline), Rolled Up Milestone (Red outline), Split (Diamond), External Tasks (Grey bar), Group By Summary (Blue bar), Project Summary (Dotted bar), Deadline (Arrow)

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. 25 (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 9/10/2014

Time 2:30 pm

Persons making the inspection:

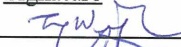



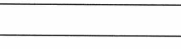
Name in Block Letters

1. W.K. Tang
2. Michael Wan
3. Wong Tak Wah
4. Suzanna 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

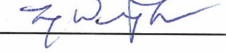
- 
- 
- 
- 
- 
- _____
- _____
- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Sheung River	Transplanted trees were not maintained around	23/10/2014		Issue found on 29/9/2014
2.	Shek Sheung River	Transplanted tree have withered	23/10/2014		Issue found on 29/9/2014
3.	Shek Sheung River	Ineffective de-silting measures	16/10/2014	17/10/2014	
4.	Kam Tin River	Exposed stockpiles were not covered by tarpaulin	16/10/2014	3/11/2014	
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 _____

The Environmental Team's Representative _____

Date _____

Date _____

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. 25
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 9/10/2014 Time: 2:30 pm
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 30 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Locations: Shek Sheung River, Kam Tin River

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
<u>W.K. Tang</u>	<u>Contractor's Agent</u>	<u>Sang Ping - Kuly Joint Venture</u>
<u>Michael Wah</u>	<u>Environmental Officer</u>	<u>Sang Ping - Kuly Joint Venture</u>
<u>Wong Tak Wah</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS</u>
<u>Sue Ann Lee</u>	<u>Environmental Team's Representative</u>	<u>URS</u>
<u>Aloysius 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"/>	<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 run-off towards silt traps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps & drainages cleared	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>ineffective silt traps</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 Transplanted trees have withered

9. OTHER COMMENTS

- a. _____
- b. _____
- c. _____

Signed By


 Name: Siobhann Lee
 Environmental Team's Representative

Signed By


 Name & Title: [Signature] LOW
 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. 25
(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. 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. 7(g)	Rectified Date:
Description: Transplanted trees were withered	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung River	
	
Item no. 3(h)	Rectified Date: 17-10-2014
Description: Ineffective desilting measures	Follow up Action Taken: Desilting measure has been revised and site runoff has been removed
Location: Shek Sheung River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 2(d)	Rectified Date: 3-11-2014
Description: Exposed stockpiles were not covered by tarpaulin	Follow up Action Taken: Exposed stockpiles have been removed
Location: Kam Tin 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 26 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Weekly Environmental Walk Inspection Report

Part I:

Contract No. YL/2013/01

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

Date of Inspection 17/10/2014

Time 9:30-11:30 am

Persons making the inspection:

Name in Block Letters

1. WK Long
2. Michael Wan
3. Wong Tak Wah
4. Suzanne Lee
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
IEC

Signature

- _____

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Sheung Yue River	Drainages have silted up and are blocked	24/10/2014	23/10/2014	
2.	Sheung Yue River	Ineffective desilting measures	24/10/2014	24/10/2014	issue found on 9/10/2014
3.	Kam Tin River	Material stockpiled next to existing trees	31/10/2014		
4.	Kam Tin River	Exposed stockpile not covered by tarpaulin	31/10/2014		
5.	Shek Sheung River	Oil dripping from bottom of site plant	31/10/2014		
6.	Shek Sheung River	Trees not maintained and protected as required	23/10/2014	20/10/2014	
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 _____

The Environmental Team's Representative _____

Date _____

Date _____

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. 26
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 17/10/2014 Time: 9:30-11:30 am
 Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 28 °C
 Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
 Locations: Shek Sheung River, Kam Tin River, Sheung Yue River

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
W.K. Tang	Contractor's Agent	San Hing-Kuly Joint Venture
Michael Wan	Environmental Officer	San Hing-Kuly Joint Venture
Wong Tak Wah	The Engineer's Nominated Site Representative	URS
Sueann Lee	Environmental Team's Representative	URS
Bong Yu	IEC	Materials Lab

	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 checked="" type="checkbox"/>	<input type="checkbox"/>	Oil dripping from bottom of site plant
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 run-off towards silt traps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
i. Silt traps & drainages cleared	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ineffective silt traps
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"/>	

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: 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. 26
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
<p>Item no. 7(a) Description: Transplanted trees were not maintained as required Location: Shek Sheung River</p>	<p>Rectified Date: 22-10-2014 Follow up Action Taken: Transplanted trees have been protected as required</p>
	
<p>Item no. 3(i) Description: Drainages have silted up and are blocked Location: Sheung Yue River</p>	<p>Rectified Date: 27-10-2014 Follow up Action Taken: Drainages have been cleared</p>
	
<p>Item no. 3(h) Description: Ineffective desilting measures Location: Sheung Yue River</p>	<p>Rectified Date: 27-10-2014 Follow up Action Taken: Desilting measures have been revised</p>

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 2(d)	Rectified Date:
Description: Exposed stockpiles were not covered by tarpaulin	Follow up Action Taken: Follow-up Action Required
Location: Kam Tin River	
	
Item no. 7(b)	Rectified Date:
Description: Material stockpiled next to existing trees	Follow up Action Taken: Follow-up Action Required
Location: Kam Tin River	
	
Item no. 6(o)	Rectified Date:
Description: Oil dripping from bottom of site plant	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung River	

Civil Engineering and Development Department

Contract No. YL/2013/01

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

Weekly Environmental Walk No. 27 (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 22/10/2014

Time 9:45 - 10:30 am

Persons making the inspection:

Name in Block Letters

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

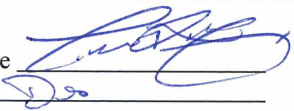
Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Sheung River	Drainages have silted up & are blocked.	24/10/2014	27/10/2014	Issue found on 17/10/2014
2.	Shek Sheung River	Ineffective desilting measures	24/10/2014	29/10/2014	Issue found on 9/10/2014
3.	Shek Sheung River	Drainages were not cleared	29/10/2014	27/10/2014	
4.	Shek Sheung River	Chemical residue from hydraulic excavator	29/10/2014		
5.	Kan Tin River	Exposed stockpiles were not covered by tarpaulin	31/10/2014		Issue found on 17/10/2014
6.	Kan Tin River	Material stockpiled next to existing trees	31/10/2014		Issue found on 17/10/2014
7.					
8.					

agreed completion on 24/10/2014
 agreed completion on 24/10/2014
 agreed completion on 31/10/2014
 agreed completion on 31/10/2014

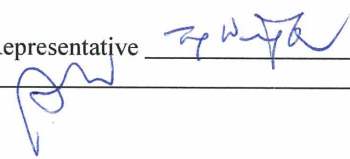
To be signed at the end of inspection:

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 _____

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.27)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 22/10/2014 Time 9:45-10:30 am
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 30 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Kam Tin River, Shaung Yue 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>Wong Tak Wah</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Deborah 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>Abyssine 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"/>)	()	
i. Silt traps, sedimentation tank & drainages cleared	()	(<input checked="" type="checkbox"/>)	()	
J. Sand bags provided at site entrance and around road gullies as necessary	(<input checked="" type="checkbox"/>)	()	()	
k. Water Discharge License applied as necessary	(<input checked="" type="checkbox"/>)	()	()	
l. Self-monitoring on site runoff/wastewater conducted as necessary	()	()	(<input checked="" type="checkbox"/>)	
m. Chemical toilets provided as necessary	(<input checked="" type="checkbox"/>)	()	()	
n. Heavy Rainstorm Response Procedure displayed	(<input checked="" type="checkbox"/>)	()	()	
o. Construction works adjacent to the fishponds near Kam Tin River and Long Valley should not be undertaken in April to October	(<input checked="" type="checkbox"/>)	()	()	
p. Other: Please specify	()	()	()	

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

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

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: Desmond 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. 27
(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: 27 Oct 2014
Description: Drainages have silted up and are blocked	Follow up Action Taken: Drainage has been cleared
Location: Shek Sheung River	
	
Item no. 3(h)	Rectified Date: 27 Oct 2014
Description: Ineffective desilting measures	Follow up Action Taken: Desilting measures has been revised
Location: Shek Sheung River	
	
Item no. 3(i)	Rectified Date: 27 Oct 2014
Description: Drainages were not cleared	Follow up Action Taken: Drainage has been cleared
Location: Shek Sheung river	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 5(o)	Rectified Date:
Description: Chemical leakage from hydraulic excavator	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung river	
	
Item no. 2(d)	Rectified Date:
Description: Exposed stockpiles were not covered by tarpaulin	Follow up Action Taken: Follow-up Action Required
Location: Kam Tin River	
	
Item no. 6(b)	Rectified Date:
Description: Material stockpiled next to existing trees	Follow up Action Taken: Follow-up Action Required
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. 28 (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 27-10-2014

Time 9:30 - 11:00 am

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. WK Tang
2. Michael Wan
3. Ivan Tang
4. Deborah Lee
5. _____
6. _____
7. _____
8. _____

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

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1.	Shek Sheung River	Transplanted trees were not protected as required.	3-11-2014		
2.	Shek Sheung River	Chemical leakage from hydraulic excavator	29-10-2014		Issue found on 22-10-2014 and agreed completion on 29/10/2014
3.	Shek Sheung River	Site runoff has been trapped in excavated well	3-11-2014		
4.	Kan Tin River	Exposed stockpiles were not covered by tarpaulin	31-10-2014		Issue found on 17-10-2014 and agreed completion on 21-10-2014
5.	Kan Tin River	Material stockpiled next to existing trees	31-10-2014		Issue found on 17-10-2014 and agreed completion on 31/10/2014
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. 28)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 27-10-2014 Time 9:30-11:50am
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 30 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Sham Po River, Kam Tin River

Person(s) making the inspection:

<u>Name in Block Letters</u>	<u>Designation</u>	<u>Organisation</u>
<u>WK Tong</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>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"/>	<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 type="checkbox"/>	<input checked="" 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. <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	()	(✓)	()	Chemical leakage from hydraulic excavator

6. <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	()	()	()	

7. OTHER COMMENTS

a. _____


b. _____


c. _____

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




Signed By



Signed By


 Name & Title: Desmond Lee
 Environmental Team's Representative


 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. 28
(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. 6(a)	Rectified Date:
Description: Transplanted trees were not protected as required	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung River	
	
Item no. 5(o)	Rectified Date:
Description: Chemical leakage from hydraulic excavator	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung river	
	
Item no. 2(d)	Rectified Date:
Description: Exposed stockpiles were not covered by tarpaulin	Follow up Action Taken: Follow-up Action Required
Location: Kam Tin River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 6(b)	Rectified Date:
Description: Material stockpiled next to existing trees	Follow up Action Taken: Follow-up Action Required
Location: Kam Tin River	
	
Item no. 3(h)	Rectified Date:
Description: Site runoff has been trapped in excavated well	Follow up Action Taken: Follow-up Action Required
Location: Shek Sheung River	
Item no.	Rectified Date:
Description:	Follow up Action Taken:
Location:	