



FAX MESSAGE

Priority normal / urgent

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Attn.	Mr. Rodney Ip	Date	08 December 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 November 2014		

We refer to the revised Monthly EM&A Report Rev. 0 for November 2014 that we received through email on 02 December 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 November 2014

(Designated Project Works Area)

Prepared for:
Civil Engineering and
Development Department



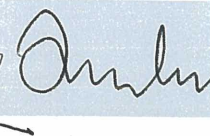
HONG KONG



Dec 2014



REVISION SCHEDULE

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	8 December 2014	EM&A Report No. 7 – November 2014	Desmond Lee	Rodney Ip	Harold Insley
Signature					

REVISION RECORD

Rev	Date	Details	Prepared by	Reviewed by	Approved by
0	8 December 2014	EM&A Report No. 7 – November 2014	Desmond Lee	Rodney Ip	Harold Insley

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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. 7 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 November 2014 to 30 November 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 3 November, 14 November, 19 November, and 25 November 2014.

Several environmental issues have been identified by the ET during inspections including leak of tarpaulin cover on exposed stockpiles, storage of materials next to existing tree sand transplanted trees, transplanted trees maintained and protected not well, chemical leakage from hydraulic excavator, leak of desilting measures, ineffective desilting measures, blocked drainage and accumulated stagnant water, leak of wheel washing bay provided, and transplanted trees leaning over.

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 December 2014 to 31 December 2014 of the Project consist of:

- 1) Portion D:
 - Site clearance works;
 - Construction of Retaining Wall
- 2) Portion E:
 - Construction of Retaining Wall
- 3) Portion M:
 - 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.**

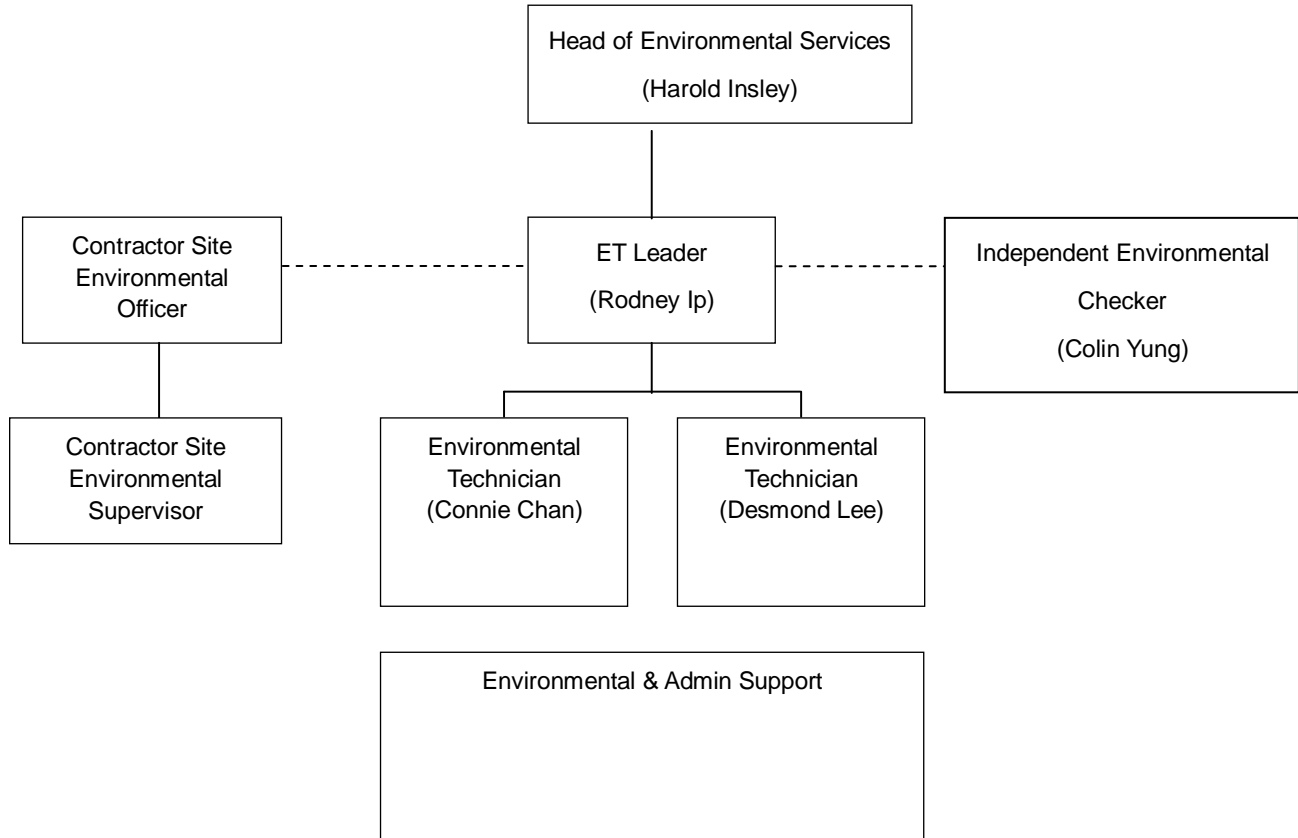


Figure 1.1 Organization Chart of ET

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 and cycle tracks.

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 Construction of Cycle Track	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 (December 2014 & January 2015). The anticipated environmental issues are summarised as follows:

Table 2.2 Planned Activities for the Coming Two Months (December 2014 & January 2015)

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
Portion D (Sheung Yue River)	<ul style="list-style-type: none"> - Site Clearance - Excavation for Construction of Retaining Wall No. 2, 4 - Construction of Retaining Walls (Concreting, Formworks, Steelworks) 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Production of 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 - Extra sand bags and silt traps shall be provided
Portion E (Shek Sheung River)	<ul style="list-style-type: none"> - Construction of Retaining Walls RW 1, 5, 8 (Concreting, Formworks, Steelworks) 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Production of 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 - Extra sand bags and silt traps shall be provided
Portion M (Kam Tin River)	<ul style="list-style-type: none"> - Tree Felling - Construction of Retaining Walls (Concreting, Formworks, Steelworks) - Construction of Cycle Track - Construction of Stream 	<ul style="list-style-type: none"> - Protection of Trees - Production of solid waste - Production of dust - Production of 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

Location	Activities	Environmental Impact(s)	Proposed mitigation Measures
	Decking		Extra sand bags and silt traps shall be provided

2.1.4. The site inspection schedule for the next month (1 December 2014 to 31 December 2014) is designated on 1 December, 11 December, 16 December, 22 December and 29 December 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)	0.032

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	3 Nov 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Follow-up actions are required	-
2	3 Nov 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Follow-up actions are required	-
3	3 Nov 2014	Portion E (Shek Sheung River)	Transplanted trees were not protected as required	Transplanted trees were protected. 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	30 Nov 2014
4	3 Nov 2014	Portion E (Shek Sheung River)	Oil spill from excavator was not cleaned up	Contaminated soil has been cleared	30 Nov 2014
5	3 Nov 2014	Portion D (Sheung Yue River)	Ineffective desilting measures	Desilting measures have been rectified	30 Nov 2014
6	14 Nov 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Item No. 2	-
7	14 Nov 2014	Portion M (Kam Tin River)	Exposed stockpiles were not covered by tarpaulin	Exposed stockpiles have been covered by tarpaulin	30 Nov 2014
8	14 Nov 2014	Portion D (Sheung Yue River)	Stagnant water accumulated near drains	Stagnant water removed	30 Nov 2014

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
9	14 Nov 2014	Portion D (Sheung Yue River)	Desilting measure was not provided for site runoff/waste water discharge	Desilting measures has been provided for site runoff/wastewater discharge	30 Nov 2014
10	14 Nov 2014	Portion M (Kam Tin River)	Oil spill from excavator was not cleaned up	Excavator has been repaired and contaminated soil has been cleared	30 Nov 2014
11	14 Nov 2014	Portion D (Sheung Yue River)	Wheel washing bay was not provided at site	Follow-up actions are required	-
12	19 Nov 2014	Portion M (Kam Tin River)	Materials were stocked next to existing tree	Material and waste moved away from existing trees	24-11-2014
13	19 Nov 2014	Portion E (Shek Sheung River)	Exposed stockpiles were not covered by tarpaulin	Follow-up actions are required	-
14	19 Nov 2014	Portion E (Shek Sheung River)	Materials were stocked next to existing tree	Follow-up actions are required	-
15	19 Nov 2014	Portion E (Shek Sheung River)	Oil spill from excavator was not cleaned up	Excavator has been repaired and contaminated soil has been cleared	30 Nov 2014
16	19 Nov 2014	Portion E (Shek Sheung River)	Materials were stocked next to transplanted trees	Follow-up actions are required	-
17	19 Nov 2014	Portion E (Shek Sheung River)	Site runoff has been trapped in excavated well	Site runoff has been removed from excavated well	30 Nov 2014
18	19 Nov 2014	Portion E (Shek Sheung River)	Stagnant water accumulated near drains	Stagnant water removed	30 Nov 2014

Item No.	Date of Inspection	Location	Situation Requiring Follow up Action	Rectification Measures	Date of Actions Taken
19	19 Nov 2014	Portion E (Shek Sheung River)	Transplanted tree was leaning over	Follow-up actions are required	-
20	25 Nov 2014	Portion M (Kam Tin River)	Materials were stocked next to transplanted trees	Follow-up actions are required	-
21	25 Nov 2014	Portion E (Shek Sheung River)	Exposed stockpiles were not covered by tarpaulin	Item No. 13	-
22	25 Nov 2014	Portion E (Shek Sheung River)	Materials were stocked next to transplanted trees	Item No. 16	-

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

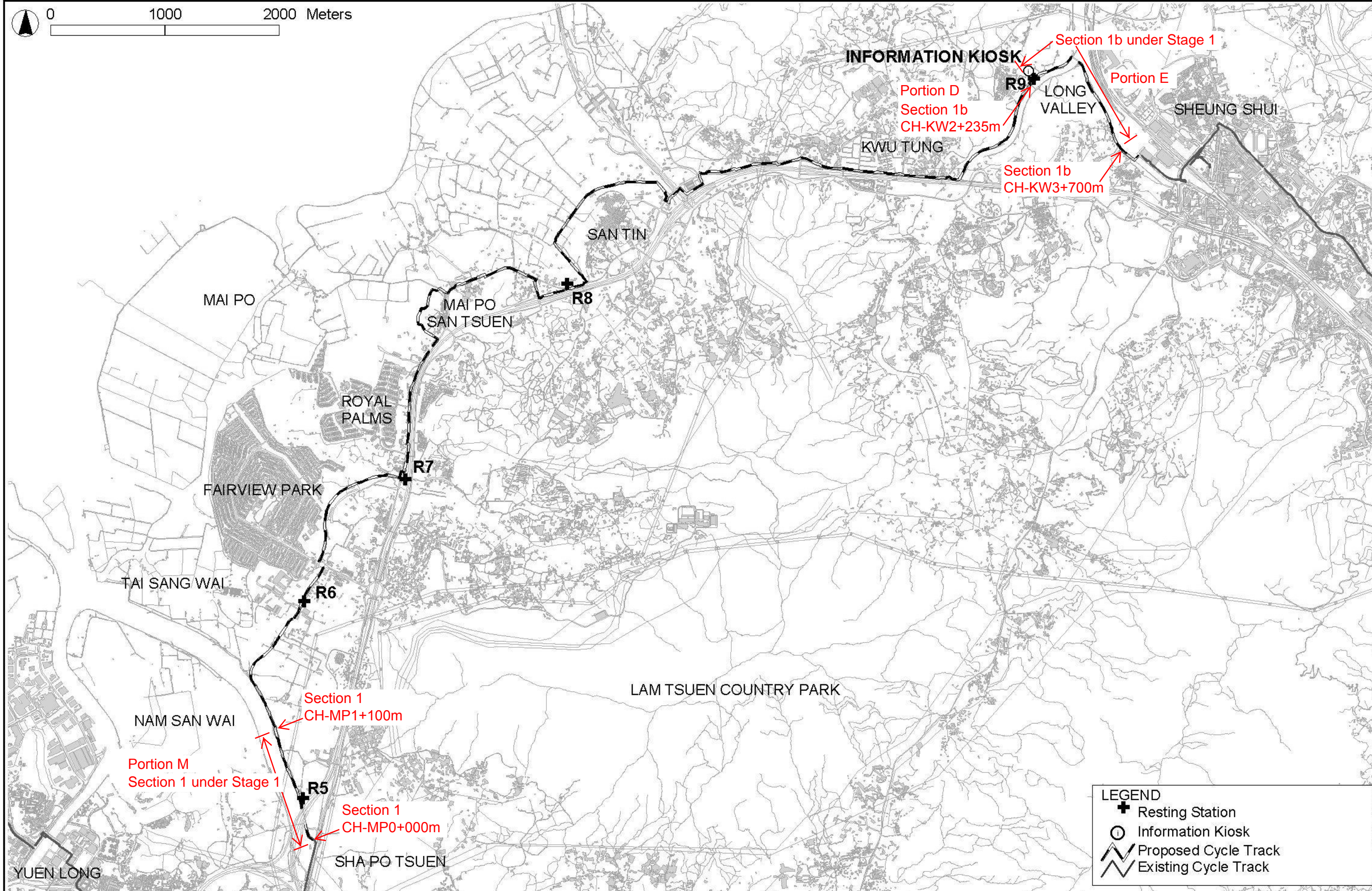
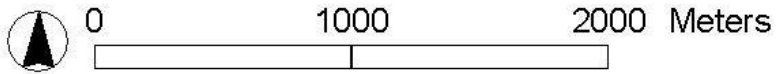
5.1.1. The cumulative log of complaints, notices and summons is provided in [Appendix 4](#) where there were no complaints, summons nor notices reported since the commencement of the construction work so far.

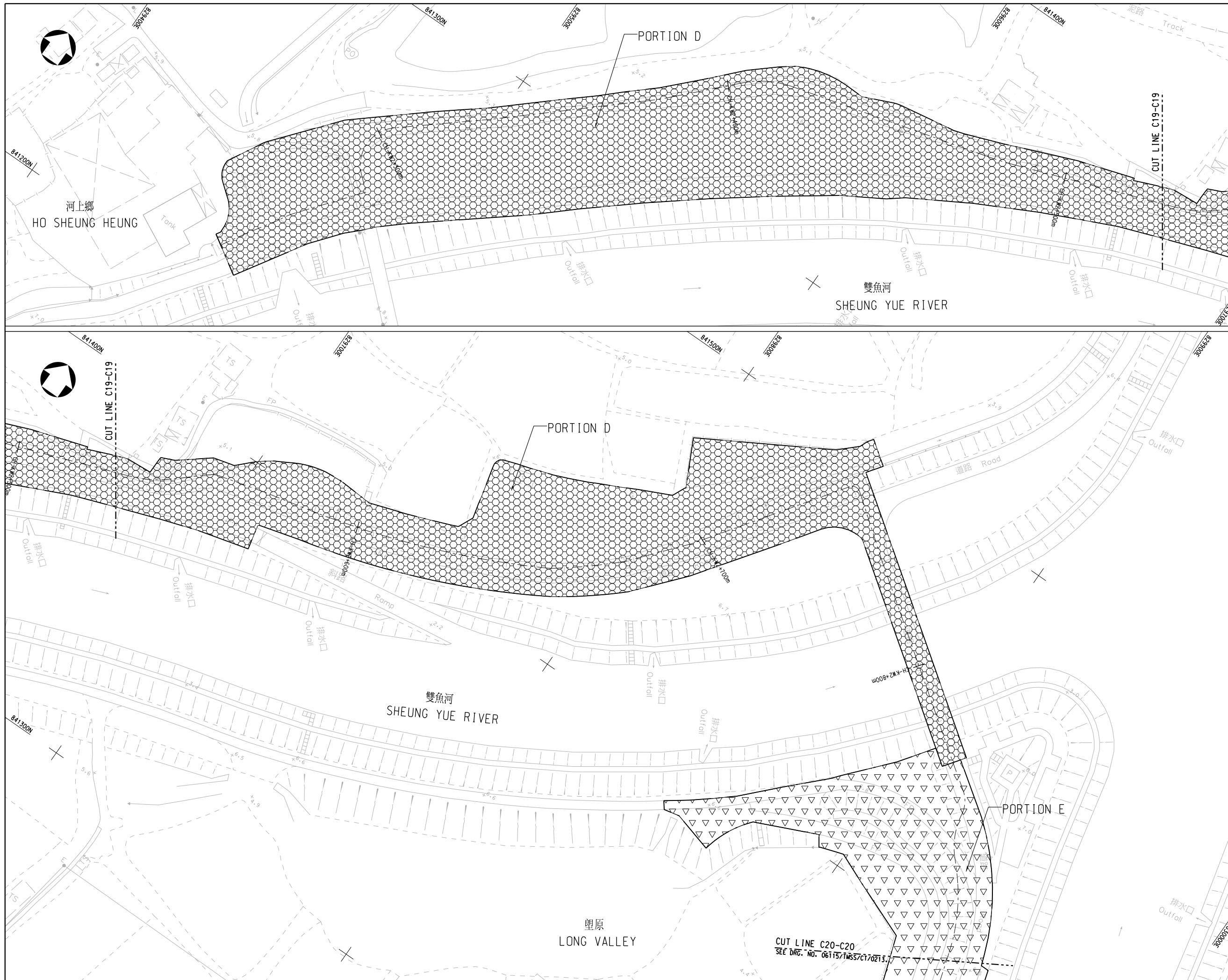
6. CONCLUSIONS

- 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 stockpiles, storage of materials next to existing tree sand transplanted trees, transplanted trees maintained and protected not well, chemical leakage from hydraulic excavator, leak of desilting measures, ineffective desilting measures, blocked drainage and accumulated stagnant water, leak of wheel washing bay provided, and transplanted trees leaning over.
- 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

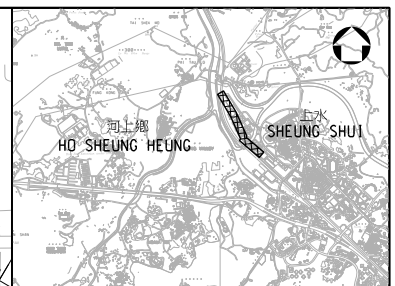
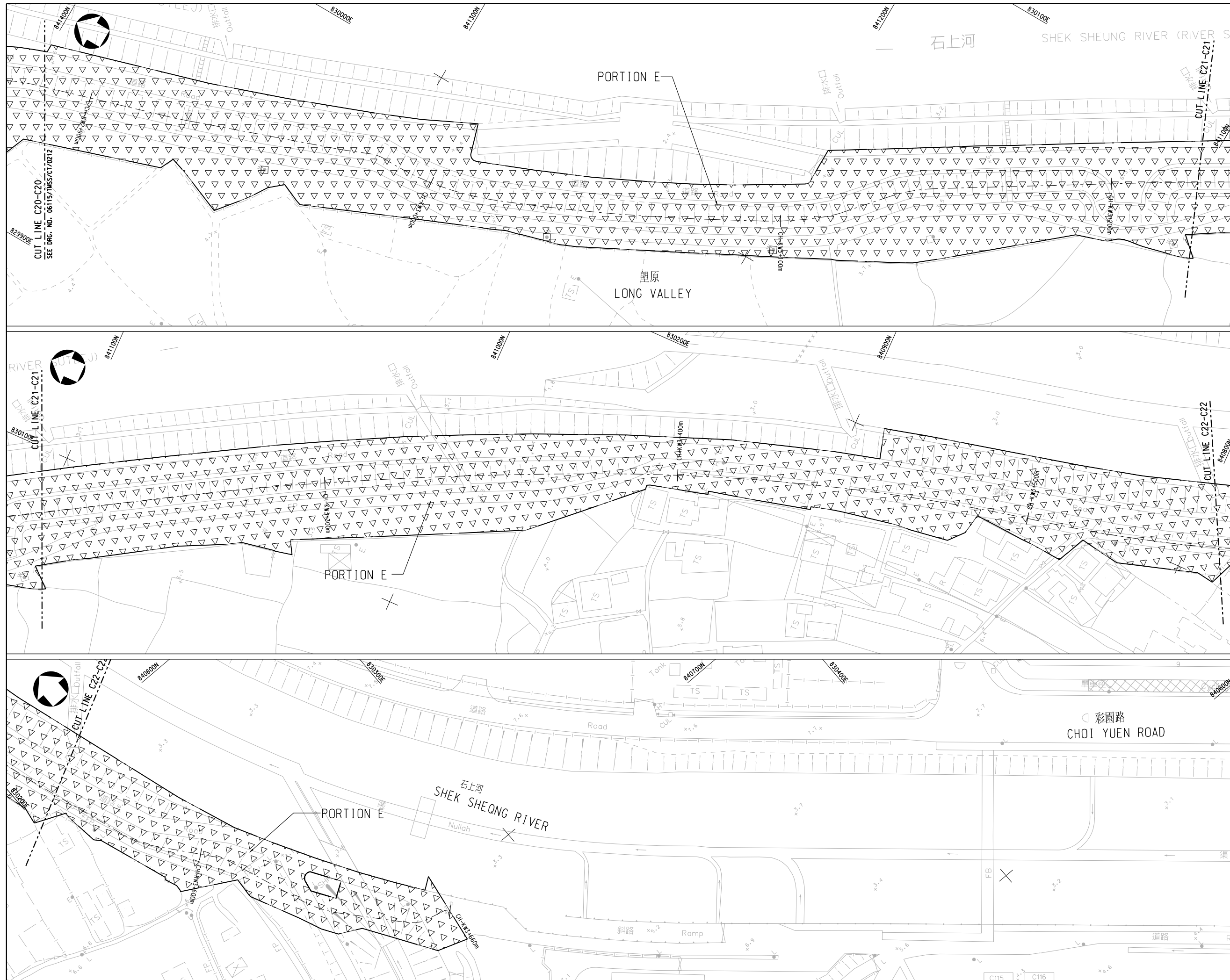
CEDD 土木工程拓展署
Civil Engineering and
Development Department

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

PORTION OF THE SITE
(SHEET 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

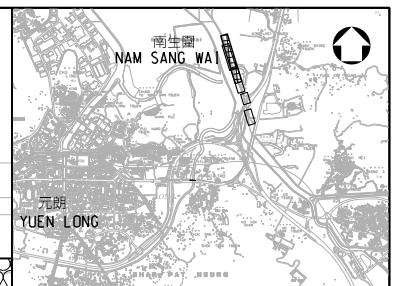
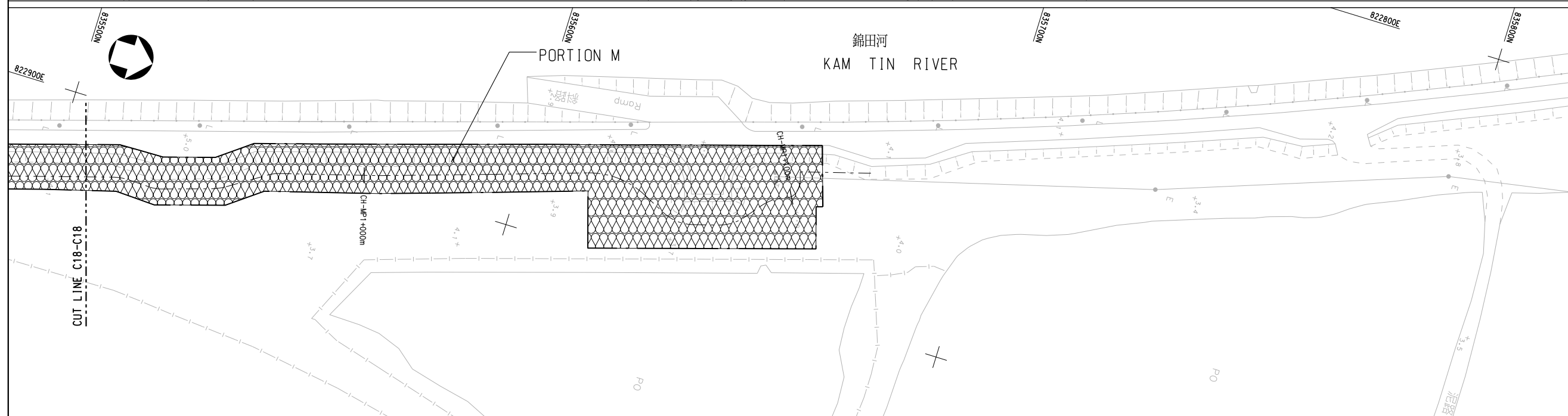
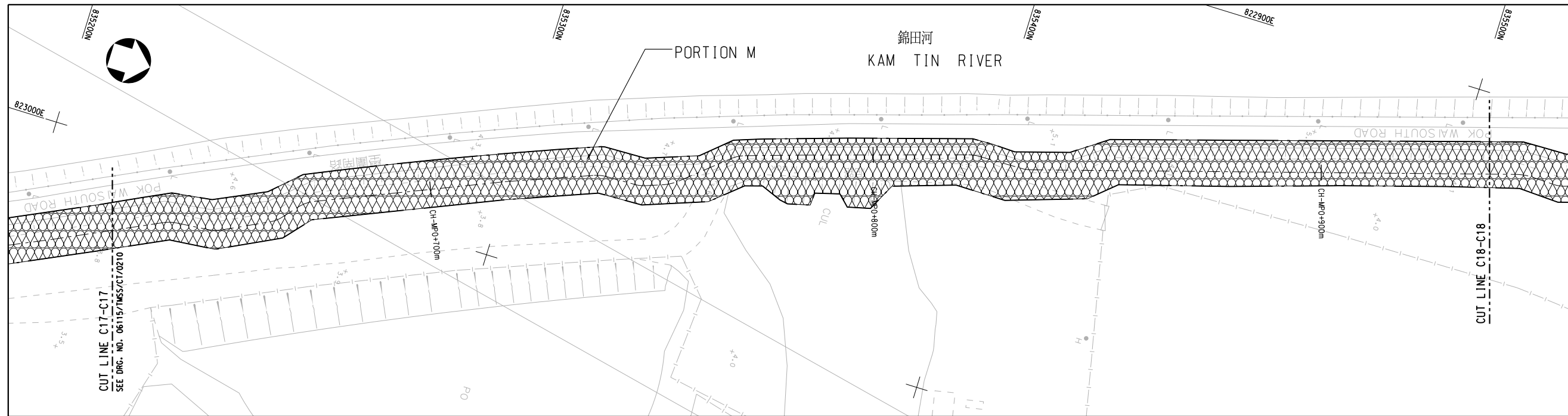
土木工程拓展署
CEDD Civil Engineering and
Development Department

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			
Designed	Drawn	Checked	Scale 1:500(A1)	
GT	HAX	DCSC	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

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			
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GT	HAX	DCSC	1:500(A1)	1:1000(A3)
Approved	Date	Status		
TSN	12/13	CONSTRUCTION		

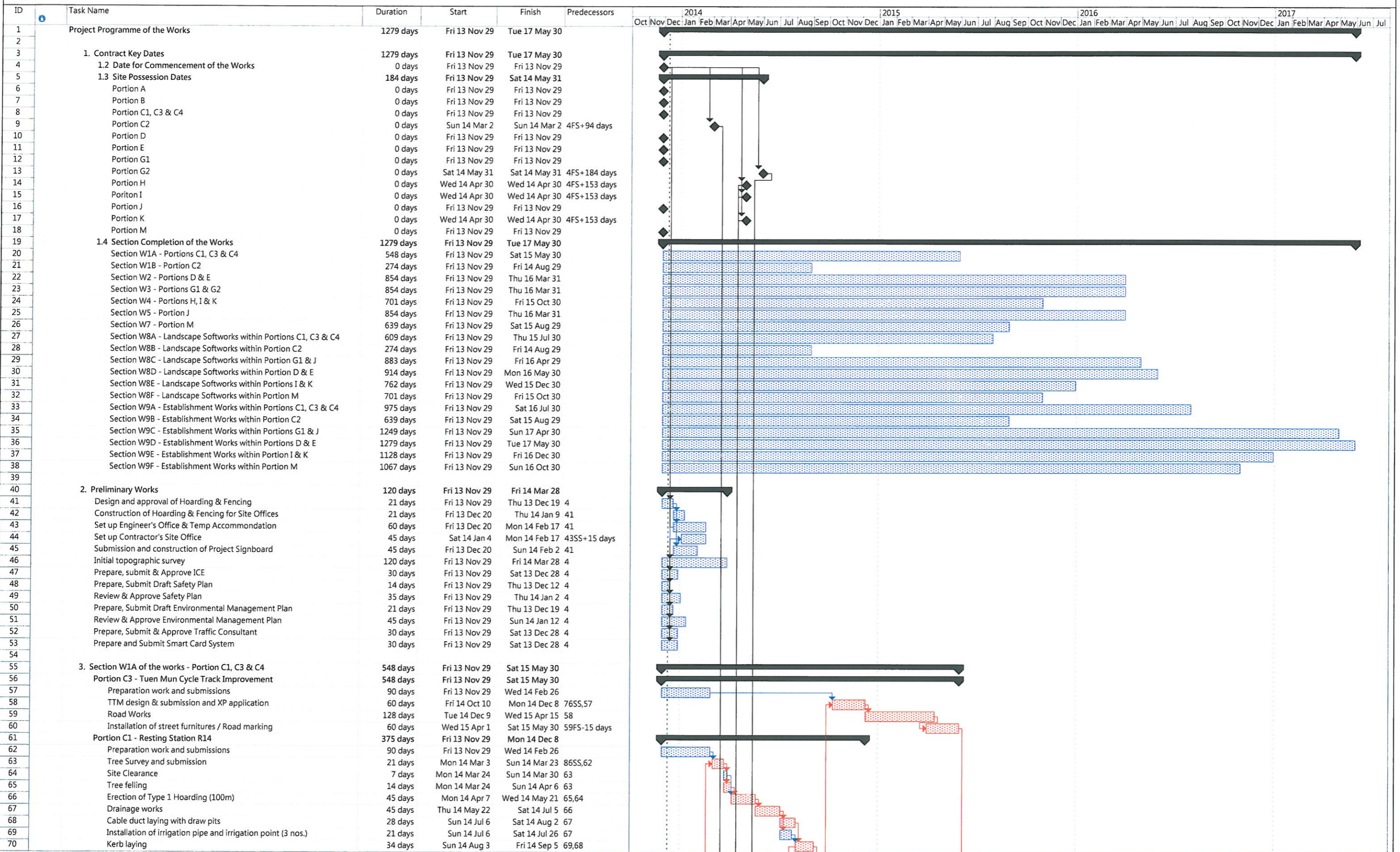


APPENDIX 2

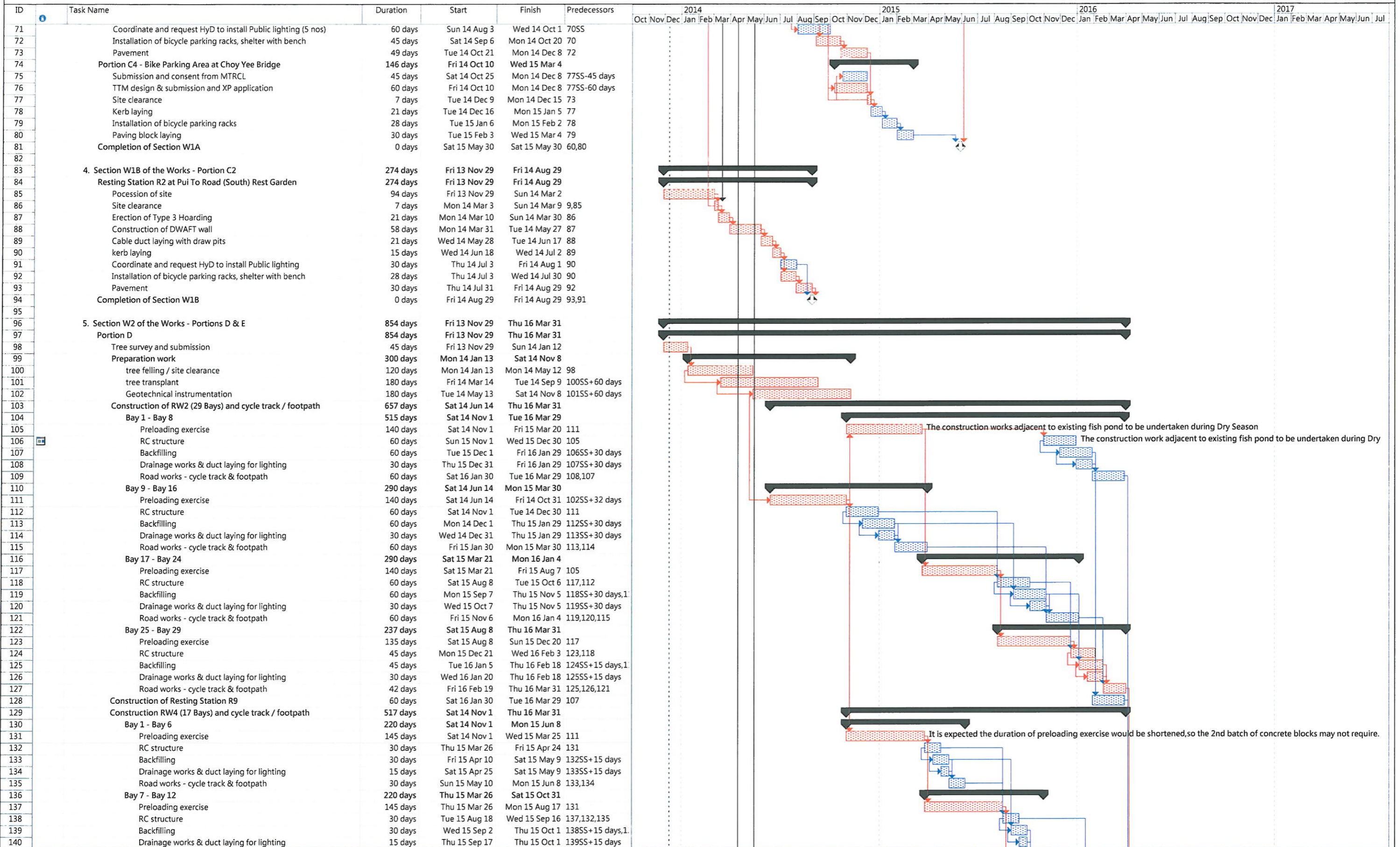
CONSTRUCTION PROGRAMME

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



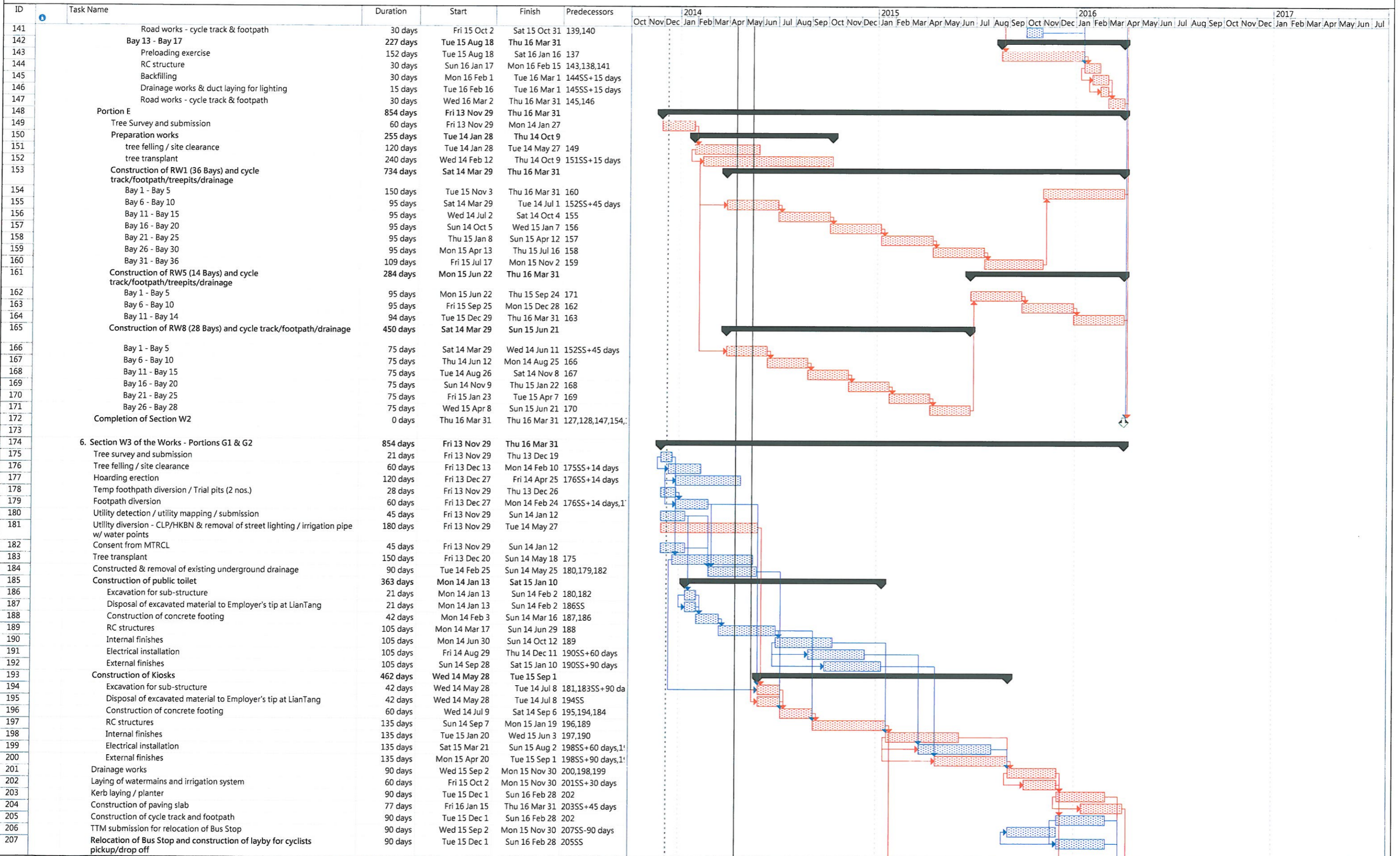
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1
Project Programme of the Works



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

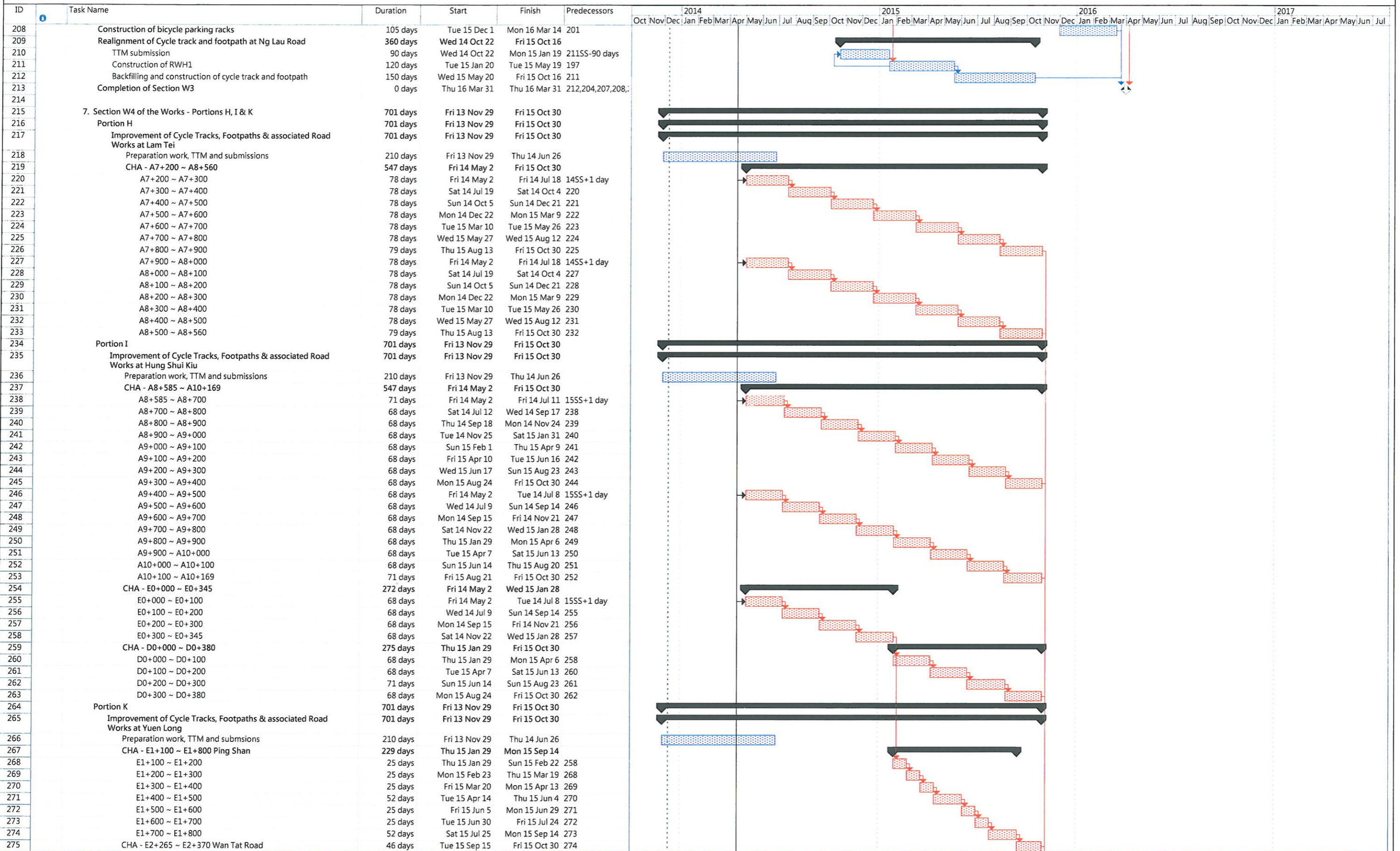
It is expected the duration of preloading exercise would be shortened, so the 2nd batch of concrete blocks may not require.

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



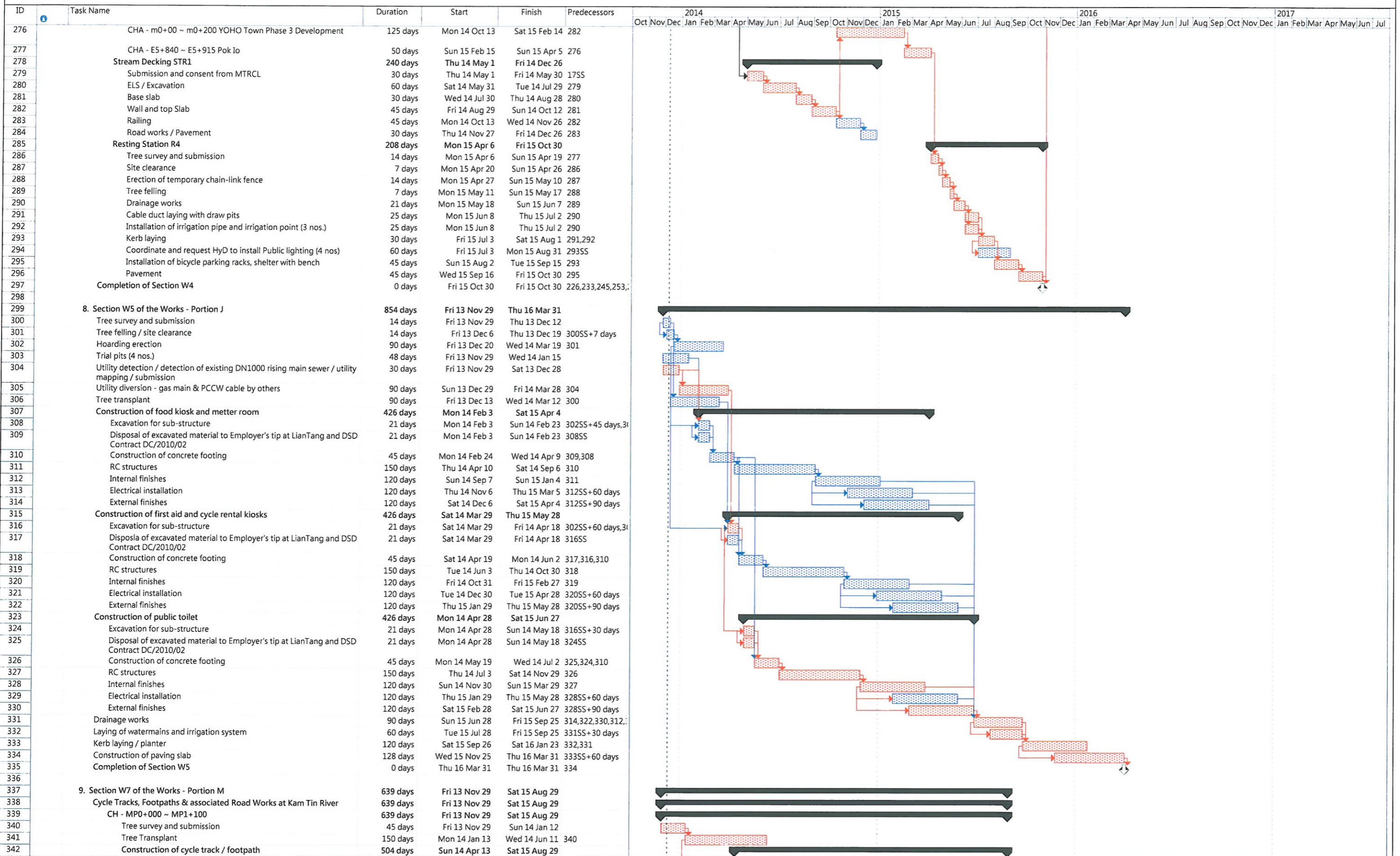
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works



Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

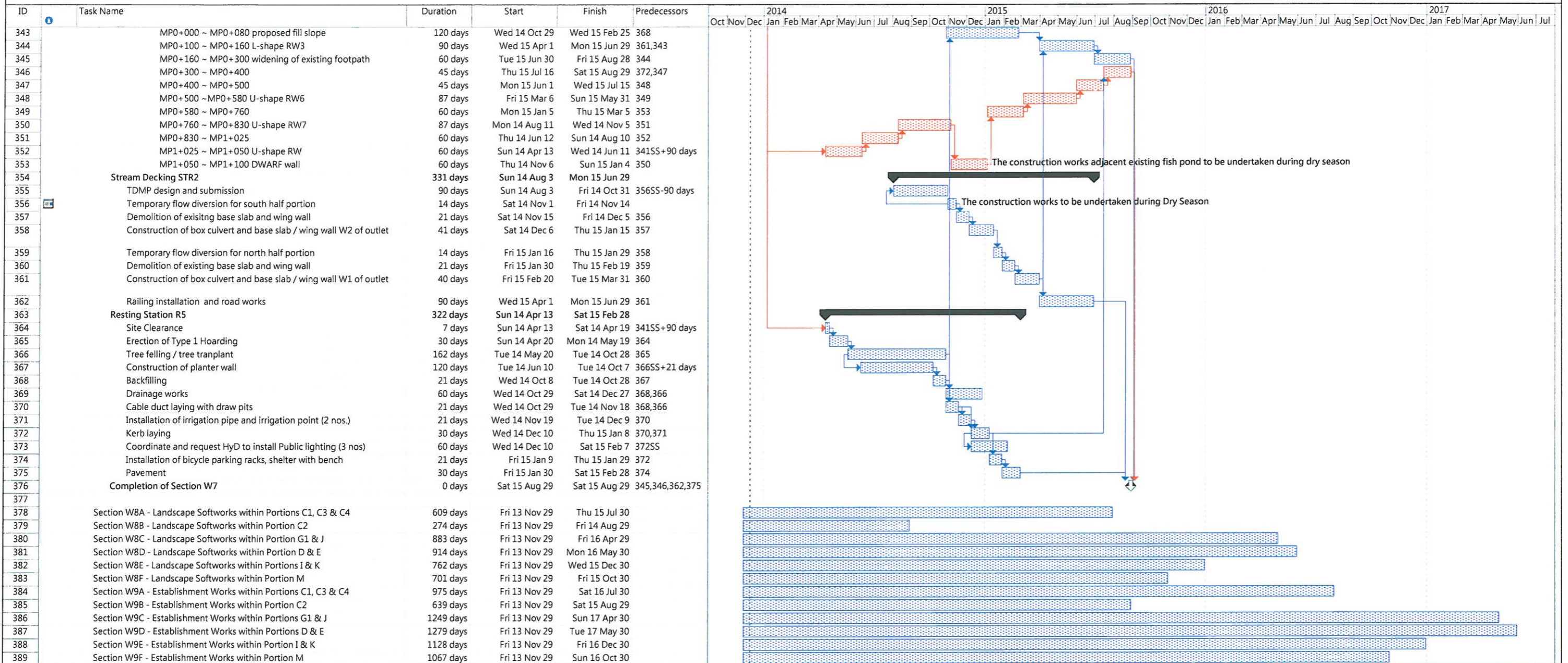
Project Programme of the Works



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

Task		Progress		Summary		Rolled Up Milestone		Rolled Up Milestone		Rolled Up Progress		External Tasks		Group By Summary		Deadline	
Critical Task		Milestone		Rolled Up Task		Rolled Up Milestone		Split		Project Summary		Deadline					

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

Weekly Environmental Walk Inspection Report

Part I:

Contract No. YL/2013/01

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

Date of Inspection 3/11/2014

Time 9:30 - 12:30

Persons making the inspection:

Name in Block Letters

Designation

Signature

1. W.K. Tang
2. Michael Wan
3. Jun Tang
4. Suzanne Lee
5. Aloysius Wang
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>Kam Tin River</u>	<u>Exposed stockpiles were not covered by tarpaulin</u>	<u>17/11/2014</u>		
2.	<u>Kam Tin River</u>	<u>Mortality stockpiled next to existing trees</u>	<u>17/11/2014</u>		<u>issue found on 17/10/2014</u>
3.	<u>Shek Sheung River</u>	<u>Transplanted trees were not maintained as required</u>	<u>3/12/2014</u>	<u>30-11-2014</u>	<u>issue found on 17/10/2014</u>
4.	<u>Shek Sheung River</u>	<u>Oil spill from excavator not cleaned up</u>	<u>10/11/2014</u>	<u>30-11-2014</u>	<u>issue found on 22/10/2014</u>
5.	<u>Sheung Yue River</u>	<u>Ineffective desilting measures</u>	<u>10/11/2014</u>	<u>30-11-2014</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 [Signature]

Contractor's Agent or his Representative [Signature]

Environmental Team's Representative [Signature]

Landscape Architect [Signature]

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

Contractor's *Environmental Officer/Assigned Person _____

The Environmental Team's Representative _____

Date _____

Date _____

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

Date of Inspection: 3/11/2014 Time 9:30-12:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 27 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Kam Tin River, Sheung 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>Ivan Tang</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Suzann 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>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 runoff/wastewater discharge through silt traps or sedimentation tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>desilting measures ineffective</u>
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. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
d. Pneumatic percussive breakers fitted with sound mufflers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. Engine flap covers kept closed of construction plant during operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Noise baffles/screens to noisy machines/site activities as necessary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Full compliance with CNP conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Other: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. WASTE MANAGEMENT				
a. Designated area for sorting and temporary storage of C & D materials on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Proper sorting of inert and non-inert materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Recycle bins for recycling of different materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Rubbish bins for general rubbish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Measures taken to avoid cross contamination of different wastes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Disposed of regularly to avoid excessive accumulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Registration as Chemical Waste Producer as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
i. Chemical wastes properly labeled and packaged	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
j. Chemical wastes pending collection stored properly to avoid leakage	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
k. Used trip tickets kept for chemical waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
l. Proper handling of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
m. Proper storage of contaminated soil samples in land contamination investigation work	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
n. Emergency spillage procedure posted	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
o. Other: Please specify	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oil spill from excavator not cleaned up
7. Others				
a. Existing trees and vegetation maintained and protected as required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
b. Materials & plant kept way from existing trees and vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. OTHER COMMENTS				
a.	_____			
b.	_____			
c.	_____			

Signed By



Name: Sueann Lee
Environmental Team's Representative



Signed By



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. 29
(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: 30-11-2014
Description: Transplanted trees were not protected as required	Follow up Action Taken: Transplanted trees were protected
Location: Shek Sheung River	
	
Item no. 5(o)	Rectified Date: 30-11-2014
Description: Chemical leakage from hydraulic excavator not cleaned up	Follow up Action Taken: Hydraulic excavator has been removed and contaminated soil has been cleared
Location: Shek Sheung river	
	
Item no. 2(d)	Rectified Date: 1-12-2014
Description: Exposed stockpiles were not covered by tarpaulin	Follow up Action Taken: Water is being sprayed on the stockpiles regularly
Location: Kam Tin River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 6(b)	Rectified Date:
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Follow-up action is required
Location: Kam Tin River	
	
Item no. 6(b)	Rectified Date: 30-11-2014
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Material stockpiled moved away from existing trees
Location: Kam Tin River	
	
Item no. 3(h)	Rectified Date: 30-11-2014
Description: Ineffective desilting measures	Follow up Action Taken: Desilting measures has been rectified
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. 30 (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 14/11/2014

Time 9:30 - 12:30

Persons making the inspection:

Name in Block Letters

1. WK Tang
2. Michael Wan
3. Wong Tak Wah
4. Siobhan Lee
5. Dong W
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.	Kam Tin River	Material & waste stock piled near existing vegetation	5/12/2014		issue found on 22/10/2014
2.	Kam Tin River	Exposed stockpile not covered by tarpaulin	21/11/2014	30-11-2014	issue found on 17/10/2014
3.	Sheung Yue River	Stagnant water accumulated near drains	28/11/2014	30-11-2014	
4.	Sheung Yue River	Drilling measures not provided for site runoff/water discharge	28/11/2014	30-11-2014	
5.	Kam Tin River	Oil spill under excavator	21/11/2014	30-11-2014	
6.	Sheung Yue River	wheel washing bay not provided at site vehicle visit	12/12/2014		
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 _____
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. 30)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 14/10/2014 Time 9:30-12:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 20 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Sheung Yue River, Kam Tin 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>Wong Tak Wah</u>	<u>The Engineer's Nominated Site Representative</u>	<u>URS Hong Kong Ltd.</u>
<u>Sueann 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>

	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 checked="" type="checkbox"/>	<input type="checkbox"/>	<i>needed in Sheung Yue River site</i>
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>desilting measures not provided next to drainage outlet</i>
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Stagnant water accumulated</i>

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

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

6 OTHERS				
a. Existing trees and vegetation maintained and protected as required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Materials & Plant kept way from existing trees and vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
c. Topsoil conserved and re-use in landscape works	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Night-time lighting controlled to minimize glare	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
e. In situ compensation planting should occur at the Information Kiosk and R9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
g. Others: Please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

7. OTHER COMMENTS


a. _____

b. _____

c. _____

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

Signed By



Name & Title: Supann Lee
Environmental Team's Representative

Signed By





Name & Title: T. Wong
Engineer's Nominated Site Representative

Civil Engineering and Development Department
Contract No. YL/2013/01
Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1
Weekly Environmental Walk No. 30
(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. 3(p) Description: Stagnant water accumulated near drains Location: Sheung Yue River</p>	<p>Rectified Date: 30-11-2014 Follow up Action Taken: Stagnant water removed</p>
	
<p>Item no. 3(h) Description: Desilting measures not provided for site runoff/wastewater discharge Location: Sheung Yue River</p>	<p>Rectified Date: 30-11-2014 Follow up Action Taken: Desilting measures has been provided for site runoff/wastewater discharge</p>
	
<p>Item no. 2(f) Description: Wheel washing bay not provided at site vehicle exit Location: Sheung Yue River</p>	<p>Rectified Date: Follow up Action Taken: Follow-up action is required</p>

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 6(b)	Rectified Date:
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Follow-up action is required
Location: Kam Tin River	
	
Item no. 6(b)	Rectified Date: 30-11-2014
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Material and waste moved away from existing trees
Location: Kam Tin River	
	
Item no. 2(d)	Rectified Date: 19-11-2014
Description: Exposed stockpiles not covered by tarpaulin	Follow up Action Taken: Exposed stockpiles have been covered by tarpaulin
Location: Kam Tin River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 5(o)	Rectified Date: 30-11-2014
Description: Oil spill under excavator	Follow up Action Taken: Excavator has been repaired and contaminated soil has been cleared
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. 31 (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 19-11-2014

Time 10:45am - 12:00 noon

Persons making the inspection:

Name in Block Letters

1. Wk Tang
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.	Kam Tin River	Material and waste stockpiled next to existing trees	26-11-2014	24/11/2014	
2.	Shek Sheung River	Exposed stockpiles, not covered by tarpaulin	26-11-2014		
3.	Shek Sheung River	Material and waste stockpiled next to existing trees	26-11-2014		
4.	Shek Sheung River	Dil spilled from excavator was not cleaned up	26-11-2014	30/11/2014	Issue found on 22/10/2014
5.	Shek Sheung River	Material and waste stockpiled next to transplanted trees	26-11-2014		
6.	Shek Sheung River	Site runoff has been trapped in excavated well	26-11-2014	30/11/2014	Issue found on 27/10/2014
7.	Shek Sheung River	Stagnant water accumulated near drains	26-11-2014	30/11/2014	
8.	Shek Sheung River	Transplanted tree was leaning over	26-11-2014		

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. 31)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 19-11-2014 Time 10:45am - 11:30am
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 23 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Sheung Yue River, Kam Tin River

Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
<u>WK Tang</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>Michael Wan</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>Wing Tak Wah</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>Aloysia 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Vehicle wheels washed before leaving site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Dump trucks fitted with mechanical tarpaulin cover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Dusty loads on vehicles covered by tarpaulin	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
p. Other: Please specify	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Stopnet water accumulated near ditches</u>

	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	()	(✓)	()	Oil spilled from excavator was not cleaned up

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	()	(✓)	()	Transplanted tree was leaning over

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: Law Wong (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. 31
(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 style="text-align: right; color: orange;">19/11/2014</p>	
Item no. 6(b)	Rectified Date: 24-11-2014
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Material and waste moved away from existing trees
Location: Kam Tin River	
 <p style="text-align: right; color: orange;">19/11/2014</p>	
Item no. 2(d)	Rectified Date:
Description: Exposed stockpiles not covered by tarpaulin	Follow up Action Taken: Follow-up action is required
Location: Shek Sheung River	
 <p style="text-align: right; color: orange;">19/11/2014</p>	
Item no. 6(b)	Rectified Date:
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Follow-up action is required
Location: Shek Sheung River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 5 (o)	Rectified Date: 30-11-2014
Description: Oil spilled from excavator was not cleaned up	Follow up Action Taken: Contaminated soil has been removed
Location: Shek Sheung River	
	
Item no. 6(b)	Rectified Date:
Description: Material and waste stockpiled next to transplanted trees	Follow up Action Taken: Follow-up action is required
Location: Shek Sheung River	
	
Item no. 3(h)	Rectified Date: 30-11-2014
Description: Site runoff has been trapped in excavated well	Follow up Action Taken: Site runoff has been removed from excavated well
Location: Shek Sheung River	

Deficiency Items Identified during Weekly Site Walk	Status after Rectification
	
Item no. 3(p)	Rectified Date: 30-11-2014
Description: Stagnant water accumulated near drains	Follow up Action Taken: Stagnant water removed
Location: Shek Sheung River	
	
Item no. 6(g)	Rectified Date:
Description: Transplanted tree was leaning over	Follow up Action Taken: Follow-up action is required
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. 32 (for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)

Weekly Environmental Walk Inspection Report

Part I :

Contract No. YL/2013/01

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

Date of Inspection 25-11-2014

Time 11:00 am - 12:00 noon

Persons making the inspection:

Name in Block Letters

1. WK Tang
2. Michael Wan
3. Wong Tak Wah
4. Desmond 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>Kam Tin River</u>	<u>Material of waste stockpiled next to existing trees</u>	<u>2-12-2014</u>		<u>Issue found on 17/10/2014</u>
2.	<u>Shek Shung River</u>	<u>Exposed stockpiles not covered by tarpaulin</u>	<u>2-12-2014</u>		<u>Issue found on 19/11/2014</u>
3.	<u>Shek Shung River</u>	<u>Material of waste stockpiled next to transplanted trees</u>	<u>2-12-2014</u>		<u>Issue found on 19/11/2014</u>
4.					
5.					
6.					
7.					
8.					

To be signed at the end of inspection:

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

(* delete as appropriate)

The Engineer's Nominated Site Representative _____
 Environmental Team's Representative Do

Contractor's Agent or his Representative Wong Tak Wah
 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. 32)
(for Construction of Cycle Tracks and the Associated Supporting Facilities
from Sha Po Tsuen to Shek Sheung River)
Environmental Inspection Checklist

Date of Inspection: 25-11-2014 Time 11:00am - 12:00noon
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 25 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Location(s): Shek Sheung River, Sheung Yue River, Kam Tin River

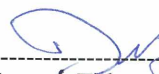
Person(s) making the inspection:

Name in Block Letters	Designation	Organisation
<u>Wk Tang</u>	<u>Contractor's Agent</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>Michael Wan</u>	<u>Environmental Officer</u>	<u>Sang Hing – Kuly Joint Venture</u>
<u>Wong 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>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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Vehicle wheels washed before leaving site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Dump trucks fitted with mechanical tarpaulin cover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
i. Dusty loads on vehicles covered by tarpaulin	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Wheel washing bay desilted regularly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Temporary drainage diversion provided as required	<input 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. NOISE POLLUTION				
a. Temporary noise barriers installed at works area as needed	(✓)	()	()	
b. Noisy plant and equipment sited away from noisy sensitive receiver as possible	()	()	(✓)	
c. Air Compressors and portable percussive breakers with Noise Emission Labels	()	()	(✓)	
d. Pneumatic percussive breakers fitted with sound mufflers	()	()	(✓)	
e. Engine flap covers kept closed of construction plant during operations	()	()	(✓)	
f. Excavator breaker tip wrapped with sound insulating material for breaking work	()	()	(✓)	
g. Noise baffles/screens to noisy machines/site activities as necessary	(✓)	()	()	
h. Valid Construction Noise Permits (CNP) for works in restricted hours	()	()	(✓)	
i. Full compliance with CNP conditions	()	()	(✓)	
j. Other: Please specify	()	()	()	
5. WASTE MANAGEMENT				
a. Designated area for sorting and temporary storage of C & D materials on site	(✓)	()	()	
b. Proper sorting of inert and non-inert materials	(✓)	()	()	
c. Recycle bins for recycling of different materials	(✓)	()	()	
d. Rubbish bins for general rubbish	(✓)	()	()	
e. Measures taken to avoid cross contamination of different wastes	(✓)	()	()	
f. Disposed of regularly to avoid excessive accumulation	(✓)	()	()	
g. Trip tickets and EPD chits duly completed and used in C & D waste disposal	(✓)	()	()	
h. Registration as Chemical Waste Producer as required	(✓)	()	()	
i. Chemical wastes properly labeled and packaged	()	()	(✓)	
j. Chemical wastes pending collection stored properly to avoid leakage	()	()	(✓)	
k. Used trip tickets kept for chemical waste disposal	()	()	(✓)	
l. Proper handling of contaminated soil samples in land contamination investigation work	()	()	(✓)	
m. Proper storage of contaminated soil samples in land contamination investigation work	()	()	(✓)	
n. Emergency spillage procedure posted and correctly implemented	(✓)	()	()	
o. Other: Please specify	()	()	()	
6. OTHERS				
a. Existing trees and vegetation maintained and protected as required	(✓)	()	()	
b. Materials & Plant kept way from existing trees and vegetation	()	(✓)	()	
c. Topsoil conserved and re-use in landscape works	(✓)	()	()	
d. Night-time lighting controlled to minimize glare	()	()	(✓)	
e. In situ compensation planting should occur at the Information Kiosk and R9	()	()	(✓)	
f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum.	()	()	(✓)	
g. Others: Please specify	()	()	()	
7. OTHER COMMENTS				*To record the details of compliance for the checked items if applicable
a.	_____			
b.	_____			
c.	_____			

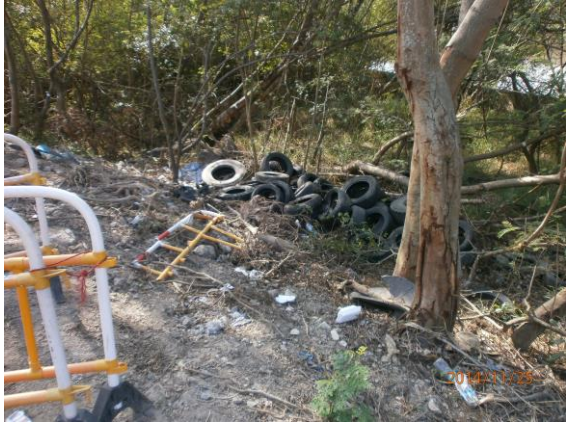


Signed By


 Name & Title: 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. 32
(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(b)	Rectified Date:
Description: Material and waste stockpiled next to existing trees	Follow up Action Taken: Follow-up action is required
Location: Kam Tin River	
	
Item no. 2(d)	Rectified Date:
Description: Exposed stockpiles not covered by tarpaulin	Follow up Action Taken: Follow-up action is required
Location: Shek Sheung River	
	
Item no. 6(b)	Rectified Date:
Description: Material and waste stockpiled next to transplanted trees	Follow up Action Taken: Follow-up action is required
Location: Shek Sheung River	