URS

**Contract No. YL/2013/01**

# Cycle Tracks from Tuen Mun to Sheung Shui-Stage 1

## Monthly EM&A Report for July 2014

(Designated Project Works Area)

Prepared for:

Civil Engineering and Development Department

HONG KONG

July 2014

## REVISION SCHEDULE

| Rev | Date | Details | Prepared by | Reviewed by | Approved by |
|---|---|---|---|---|---|
| 0 | 11 August 2014 | EM&A Report No. 3 – July 2014 | Desmond Lee | Rodney Ip | Dr. James Xiong |
| | | **Signature** | | | |

## REVISION RECORD

| Rev | Date | Details | Prepared by | Reviewed by | Approved by |
|---|---|---|---|---|---|
| 0 | 11 August 2014 | EM&A Report No. 3 – July 2014 | Desmond Lee | Rodney Ip | Dr. James Xiong |

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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 in 15 April 2014 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. 3 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 July 2014 to 31 July 2014.

### Construction Progress

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 July, 14 July, 21 July, and 28 July 2014.

Several environmental issues have been identified by the ET during inspections including storage of materials and plants next to existing trees and vegetation, trap of rainwater in excavated pit and side of road, and non-effective desilting measures.

The Contractor has implemented mitigation measures to address those problems, which were considered to be effective in minimising negative impacts to the environment. On-going investigations will be carried out to observe performance and effectiveness of those measures. Outstanding environmental items will be inspected in the following month.

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

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

### Construction Programme for Coming Month

Planned activities for 1 August 2014 to 1 September 2014 of the Project consist of:

1) Portion D:
    - Tree felling and transplantation;
    - Site clearance works;
    - Excavation works for trial pit
2) Portion E:
    - Tree felling and transplantation;
    - Site clearance works;
    - Excavation works for trial pit;
    - Construction of Retaining Wall RW8

# 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**).

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**.

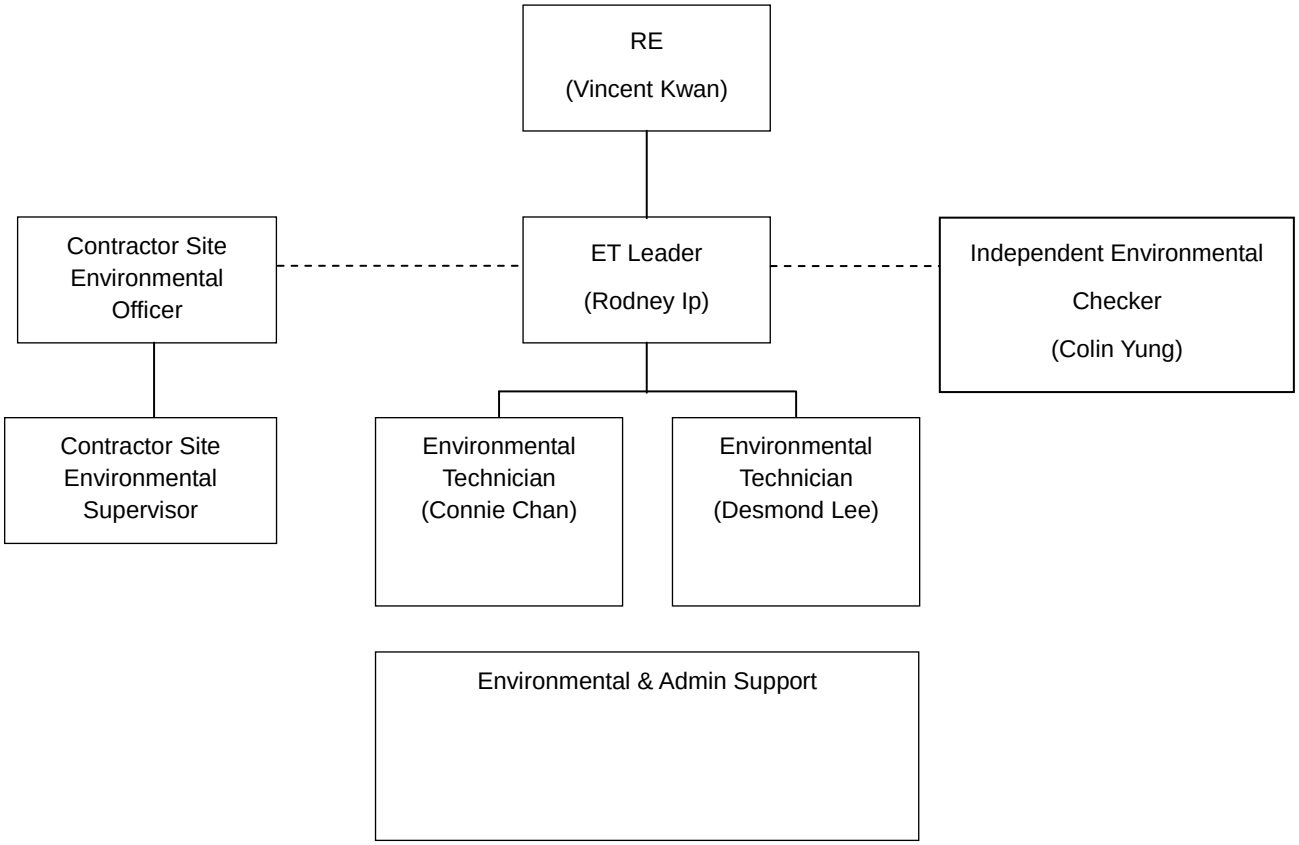



**Figure 1.1** Organization Chart of ET

# 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 July 2014

| Location | Activities | Environmental Impact(s) | Proposed Mitigation Measures |
|---|---|---|---|
| Portion D | - Site Clearance<br>- Tree Felling and Transplant<br>- Construction of Trial Pit | - Protection of Trees<br>- Production of solid waste<br>- Production of dust<br>- Noise<br>- Production of dusty site run off | - No soil, materials or equipment shall be stockpiled within the tree protection zones<br>- Implementing TTS#<br>- Works should not be commenced during restricted hours<br>- Existing structures can be used to reduce noise<br>- Temporary noise baffles/ screen to noisy machines has been provided<br>- Extra sand bags and silt traps are to be provided |
| Portion E | - Site Clearance<br>- Tree Felling and Transplant<br>- Construction of Trial Pit<br>- Construction of Retaining Wall RW8 | - Protection of Trees<br>- Production of solid waste<br>- Production of dust<br>- Noise<br>- Production of dusty site runoff | - No soil, materials or equipment shall be stockpiled within the tree protection zones<br>- Implementing TTS#<br>- Works should not be commenced during restricted hours<br>- Existing structures can be used to reduce noise<br>- Temporary noise baffles/ screen to noisy machines has been provided<br>- Extra sand bags and silt traps are to be provided |

## 2.2. Future Key Issues

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

**Table 2.2** Planned Activities for the Coming Two Months (August & September 2014)

| Location | Activities | Environmental Impact(s) | Proposed mitigation Measures |
|---|---|---|---|
| Portion D (Sheung Yue River) | - Site Clearance<br>- Tree Felling and Transplant<br>- Construction of Retaining Walls RW 2, 4 | - Protection of Trees<br>- Production of solid waste<br>- Production of dust<br>- Noise<br>- Production of site run off | - No soil, materials or equipment shall be stockpiled within the tree protection zones<br>- Implementing TTS#<br>- Spray water to minimize dust condition<br>- Works should not be commenced during restricted hours<br>- Extra sand bags and silt traps are to be provided |
| Portion E (Shek Sheung River) | - Site Clearance<br>- Tree Felling and Transplant<br>- Construction of Retaining Walls RW 1, 5, 8 | - Protection of Trees<br>- Production of solid waste<br>- Production of dust<br>- Noise<br>- Production of site run off | - No soil, materials or equipment shall be stockpiled within the tree protection zones<br>- Implementing TTS#<br>- Spray water to minimize dust condition<br>- Works should not be commenced during restricted hours<br>- Existing structures can be used to reduce noise<br>- Extra sand bags and silt traps are to be provided |

2.2.2. The site inspection schedule for the next month (1 August 2014 to 1 September 2014) is designated on 6 August, 13 August, 18 August and 25 August 2014.

# 3. STATUS OF ENVIRONMENTAL PROTECTION AND SITE INSPECTIONS

## 3.1. Environmental Requirements

***Air Quality***

3.1.1. The EM&A Manual 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 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 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. No noise monitoring therefore is recommended from the EP as well as the Contract.

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 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. No specific water quality monitoring is considered necessary.

***Waste Management***

3.1.5. The EM&A Manual 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.

3.1.6. 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$^3$) | 0.663 |
| | 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$^3$) | 0.663 |
| | 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$^3$) | 0.01 |

***Land Contamination***

3.1.7. The EM&A Manual considers that no specific EM&A requirements are necessary for Land Contamination.

***Ecology and Fisheries***

3.1.8. The EM&A Manual 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***

3.1.9. The EM&A Manual 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***

3.1.10. 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 those problems. The measures taken by the contractor were considered as effective to minimize negative impact to the environment. 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 July 2014 | Portion E (Shek Sheung River) | Rainwater has been trapped in excavated pit | Trapped rainwater has been removed | 14 July 2014 |
| 2 | 9 July 2014 | Portion E (Shek Sheung River) | Materials& plants were not kept away from existing trees & vegetation | Materials & plants kept away from existing trees & vegetation | 21 July 2014 |
| 3 | 14 July 2014 | Portion E (Shek Sheung River) | Rainwater has been trapped in excavated pit and side of road | Trapped rainwater has been removed | 19 July 2014 |
| 4 | 14 July 2014 | Portion E (Shek Sheung River) | Materials& plants were not kept away from existing trees & vegetation | Materials & plants kept away from existing trees & vegetation | 19 July 2014 |
| 5 | 21 July 2014 | Portion E (Shek Sheung River) | Rainwater has been trapped in excavated pit | Trapped rainwater has been removed | 28 July 2014 |
| 6 | 21 July 2014 | Portion E (Shek Sheung River) | Desilting measures no longer effective | Follow-up action required | - |
| 7 | 28 July 2014 | Portion E (Shek Sheung River) | Rainwater has been trapped in excavated pit | - | - |
| 8 | 28 July 2014 | Portion E (Shek Sheung River) | Desilting measures no longer effective (issue found at 21 July 2014) | - | - |

## 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 | Registration as a Chemical Waste Producer | 10/1/2014 | WPN5213-524-S3777-01 | N.A. |
| 2 | Effluent Discharge License | 25/2/2014 | W5/1I384/1 | 28/2/2019 |
| 3 | Billing Account for Disposal of Construction Waste | 16/12/2013 | 7018953 | N.A. |
| 4 | 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.

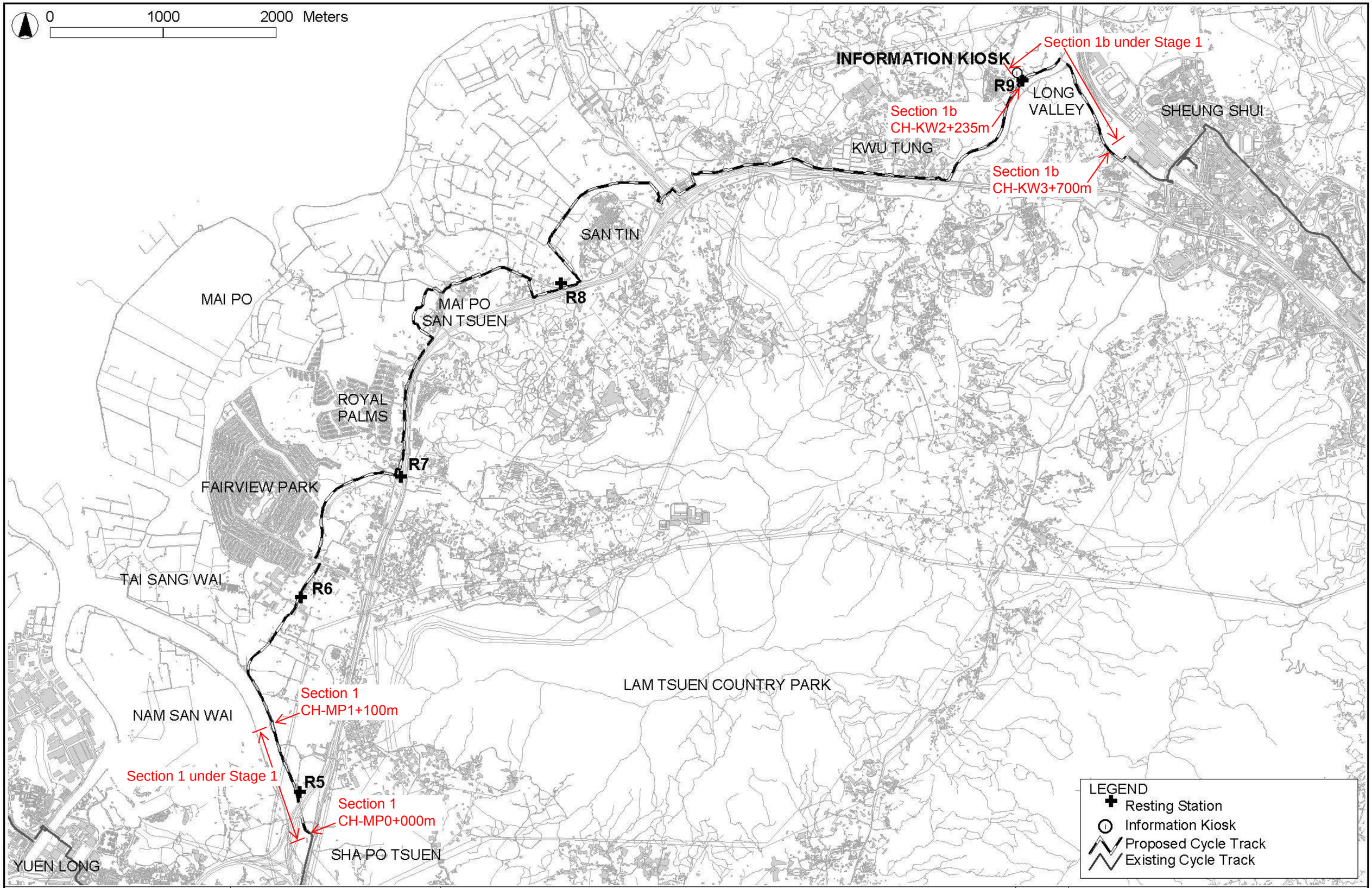
6.1.2. Several environmental issues have been identified by ET during site inspections in the reporting period, including storage of materials and plants next to existing trees and vegetation, trap of rainwater in excavated pit and side of road, and non-effective desilting measures.

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

6.1.4. The Contractor has been using the waste management and record system including allocation of waste storage areas and the trip ticket system as proposed in the EMP.

6.1.5. The ET will continue to implement the environmental monitoring & audit programme in accordance with the EM&A Manual requirements.

# APPENDIX 1
# SITE LAYOUT PLANS




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

ATKINS

**Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River Environmental Impact Assessment**

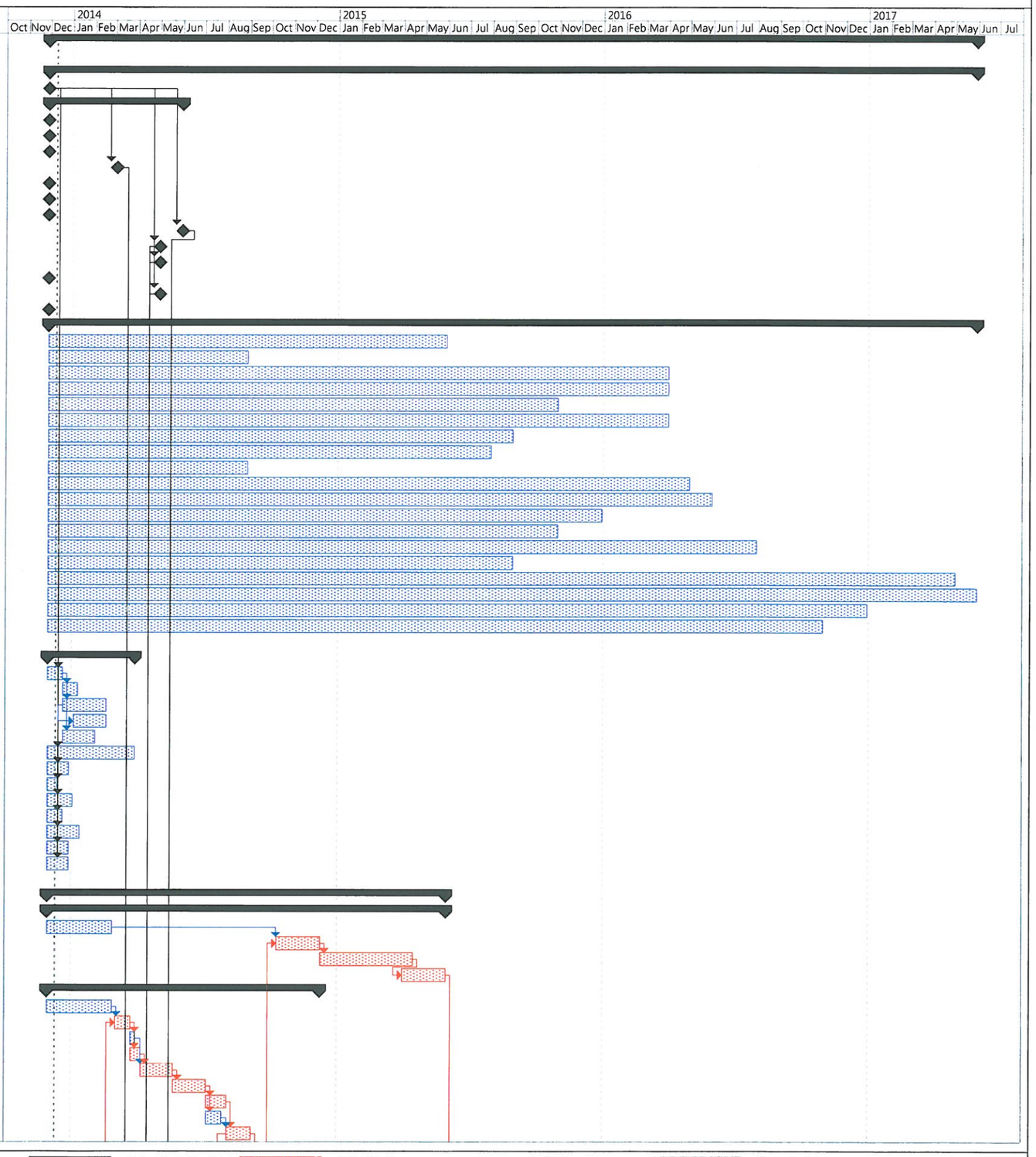
| | | | |
|---|---|---|---|
| Title : | **Cycle Track Alignment & Supporting Facilities** | | |
| Date : | May 2013 | Figure : | 1-1 |

# APPENDIX 2
# CONSTRUCTION PROGRAMME

Contract No. YL/2013/01
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1
Project Programme of the Works

Sang Hing - Kuly Joint Venture

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 1 | Project Programme of the Works | 1279 days | Fri 13 Nov 29 | Tue 17 May 30 | |
| 2 | | | | | |
| 3 | 1. Contract Key Dates | 1279 days | Fri 13 Nov 29 | Tue 17 May 30 | |
| 4 | 1.2 Date for Commencement of the Works | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 5 | 1.3 Site Possession Dates | 184 days | Fri 13 Nov 29 | Sat 14 May 31 | |
| 6 | Portion A | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 7 | Portion B | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 8 | Portion C1, C3 & C4 | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 9 | Portion C2 | 0 days | Sun 14 Mar 2 | Sun 14 Mar 2 | 4FS+94 days |
| 10 | Portion D | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 11 | Portion E | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 12 | Portion G1 | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 13 | Portion G2 | 0 days | Sat 14 May 31 | Sat 14 May 31 | 4FS+184 days |
| 14 | Portion H | 0 days | Wed 14 Apr 30 | Wed 14 Apr 30 | 4FS+153 days |
| 15 | Poriton I | 0 days | Wed 14 Apr 30 | Wed 14 Apr 30 | 4FS+153 days |
| 16 | Portion J | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 17 | Portion K | 0 days | Wed 14 Apr 30 | Wed 14 Apr 30 | 4FS+153 days |
| 18 | Portion M | 0 days | Fri 13 Nov 29 | Fri 13 Nov 29 | |
| 19 | 1.4 Section Completion of the Works | 1279 days | Fri 13 Nov 29 | Tue 17 May 30 | |
| 20 | Section W1A - Portions C1, C3 & C4 | 548 days | Fri 13 Nov 29 | Sat 15 May 30 | |
| 21 | Section W1B - Portion C2 | 274 days | Fri 13 Nov 29 | Fri 14 Aug 29 | |
| 22 | Section W2 - Portions D & E | 854 days | Fri 13 Nov 29 | Thu 16 Mar 31 | |
| 23 | Section W3 - Portions G1 & G2 | 854 days | Fri 13 Nov 29 | Thu 16 Mar 31 | |
| 24 | Section W4 - Portions H, I & K | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 25 | Section W5 - Portion J | 854 days | Fri 13 Nov 29 | Thu 16 Mar 31 | |
| 26 | Section W7 - Portion M | 639 days | Fri 13 Nov 29 | Sat 15 Aug 29 | |
| 27 | Section W8A - Landscape Softworks within Portions C1, C3 & C4 | 609 days | Fri 13 Nov 29 | Thu 15 Jul 30 | |
| 28 | Section W8B - Landscape Softworks within Portion C2 | 274 days | Fri 13 Nov 29 | Fri 14 Aug 29 | |
| 29 | Section W8C - Landscape Softworks within Portion G1 & J | 883 days | Fri 13 Nov 29 | Fri 16 Apr 29 | |
| 30 | Section W8D - Landscape Softworks within Portion D & E | 914 days | Fri 13 Nov 29 | Mon 16 May 30 | |
| 31 | Section W8E - Landscape Softworks within Portions I & K | 762 days | Fri 13 Nov 29 | Wed 15 Dec 30 | |
| 32 | Section W8F - Landscape Softworks within Portion M | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 33 | Section W9A - Establishment Works within Portions C1, C3 & C4 | 975 days | Fri 13 Nov 29 | Sat 16 Jul 30 | |
| 34 | Section W9B - Establishment Works within Portion C2 | 639 days | Fri 13 Nov 29 | Sat 15 Aug 29 | |
| 35 | Section W9C - Establishment Works within Portions G1 & J | 1249 days | Fri 13 Nov 29 | Sun 17 Apr 30 | |
| 36 | Section W9D - Establishment Works within Portions D & E | 1279 days | Fri 13 Nov 29 | Tue 17 May 30 | |
| 37 | Section W9E - Establishment Works within Portion I & K | 1128 days | Fri 13 Nov 29 | Fri 16 Dec 30 | |
| 38 | Section W9F - Establishment Works within Portion M | 1067 days | Fri 13 Nov 29 | Sun 16 Oct 30 | |
| 39 | | | | | |
| 40 | 2. Preliminary Works | 120 days | Fri 13 Nov 29 | Fri 14 Mar 28 | |
| 41 | Design and approval of Hoarding & Fencing | 21 days | Fri 13 Nov 29 | Thu 13 Dec 19 | 4 |
| 42 | Construction of Hoarding & Fencing for Site Offices | 21 days | Fri 13 Dec 20 | Thu 14 Jan 9 | 41 |
| 43 | Set up Engineer's Office & Temp Accommondation | 60 days | Fri 13 Dec 20 | Mon 14 Feb 17 | 41 |
| 44 | Set up Contractor's Site Office | 45 days | Sat 14 Jan 4 | Mon 14 Feb 17 | 43SS+15 days |
| 45 | Submission and construction of Project Signboard | 45 days | Fri 13 Dec 20 | Sun 14 Feb 2 | 41 |
| 46 | Initial topographic survey | 120 days | Fri 13 Nov 29 | Fri 14 Mar 28 | 4 |
| 47 | Prepare, submit & Approve ICE | 30 days | Fri 13 Nov 29 | Sat 13 Dec 28 | 4 |
| 48 | Prepare, Submit Draft Safety Plan | 14 days | Fri 13 Nov 29 | Thu 13 Dec 12 | 4 |
| 49 | Review & Approve Safety Plan | 35 days | Fri 13 Nov 29 | Thu 14 Jan 2 | 4 |
| 50 | Prepare, Submit Draft Environmental Management Plan | 21 days | Fri 13 Nov 29 | Thu 13 Dec 19 | 4 |
| 51 | Review & Approve Environmental Management Plan | 45 days | Fri 13 Nov 29 | Sun 14 Jan 12 | 4 |
| 52 | Prepare, Submit & Approve Traffic Consultant | 30 days | Fri 13 Nov 29 | Sat 13 Dec 28 | 4 |
| 53 | Prepare and Submit Smart Card System | 30 days | Fri 13 Nov 29 | Sat 13 Dec 28 | 4 |
| 54 | | | | | |
| 55 | 3. Section W1A of the works - Portion C1, C3 & C4 | 548 days | Fri 13 Nov 29 | Sat 15 May 30 | |
| 56 | Portion C3 - Tuen Mun Cycle Track Improvement | 548 days | Fri 13 Nov 29 | Sat 15 May 30 | |
| 57 | Preparation work and submissions | 90 days | Fri 13 Nov 29 | Wed 14 Feb 26 | |
| 58 | TTM design & submission and XP application | 60 days | Fri 14 Oct 10 | Mon 14 Dec 8 | 76SS,57 |
| 59 | Road Works | 128 days | Tue 14 Dec 9 | Wed 15 Apr 15 | 58 |
| 60 | Installation of street furnitures / Road marking | 60 days | Wed 15 Apr 1 | Sat 15 May 30 | 59FS-15 days |
| 61 | Portion C1 - Resting Station R14 | 375 days | Fri 13 Nov 29 | Mon 14 Dec 8 | |
| 62 | Preparation work and submissions | 90 days | Fri 13 Nov 29 | Wed 14 Feb 26 | |
| 63 | Tree Survey and submission | 21 days | Mon 14 Mar 3 | Sun 14 Mar 23 | 86SS,62 |
| 64 | Site Clearance | 7 days | Mon 14 Mar 24 | Sun 14 Mar 30 | 63 |
| 65 | Tree felling | 14 days | Mon 14 Mar 24 | Sun 14 Apr 6 | 63 |
| 66 | Erection of Type 1 Hoarding (100m) | 45 days | Mon 14 Apr 7 | Wed 14 May 21 | 65,64 |
| 67 | Drainage works | 45 days | Thu 14 May 22 | Sat 14 Jul 5 | 66 |
| 68 | Cable duct laying with draw pits | 28 days | Sun 14 Jul 6 | Sat 14 Aug 2 | 67 |
| 69 | Installation of irrigation pipe and irrigation point (3 nos.) | 21 days | Sun 14 Jul 6 | Sat 14 Jul 26 | 67 |
| 70 | Kerb laying | 34 days | Sun 14 Aug 3 | Fri 14 Sep 5 | 69,68 |




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

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

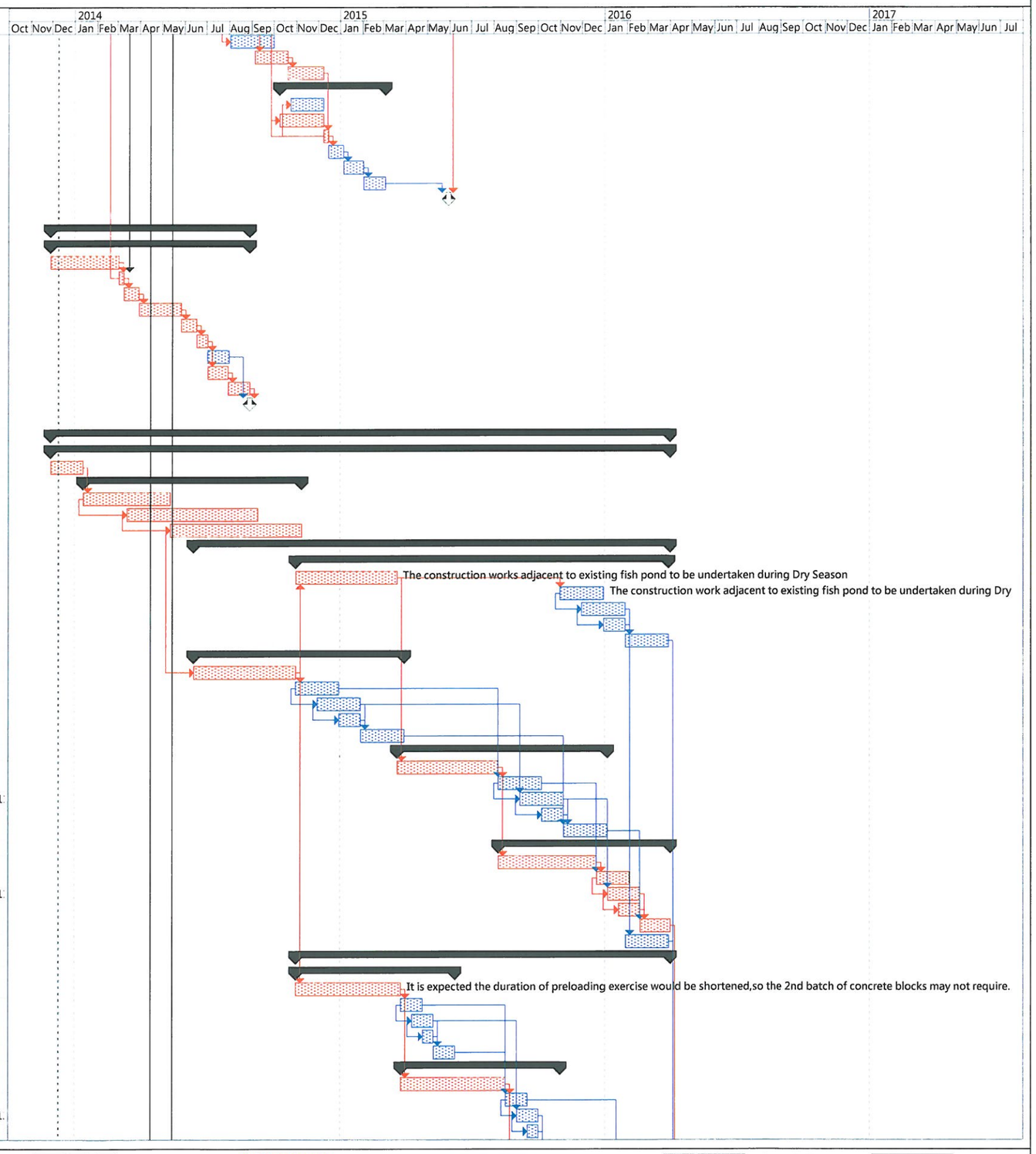
Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

Sang Hing - Kuly Joint Venture

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 71 | Coordinate and request HyD to install Public lighting (5 nos) | 60 days | Sun 14 Aug 3 | Wed 14 Oct 1 | 70SS |
| 72 | Installation of bicycle parking racks, shelter with bench | 45 days | Sat 14 Sep 6 | Mon 14 Oct 20 | 70 |
| 73 | Pavement | 49 days | Tue 14 Oct 21 | Mon 14 Dec 8 | 72 |
| 74 | **Portion C4 - Bike Parking Area at Choy Yee Bridge** | **146 days** | **Fri 14 Oct 10** | **Wed 15 Mar 4** | |
| 75 | Submission and consent from MTRCL | 45 days | Sat 14 Oct 25 | Mon 14 Dec 8 | 77SS-45 days |
| 76 | TTM design & submission and XP application | 60 days | Fri 14 Oct 10 | Mon 14 Dec 8 | 77SS-60 days |
| 77 | Site clearance | 7 days | Tue 14 Dec 9 | Mon 14 Dec 15 | 73 |
| 78 | Kerb laying | 21 days | Tue 14 Dec 16 | Mon 15 Jan 5 | 77 |
| 79 | Installation of bicycle parking racks | 28 days | Tue 15 Jan 6 | Mon 15 Feb 2 | 78 |
| 80 | Paving block laying | 30 days | Tue 15 Feb 3 | Wed 15 Mar 4 | 79 |
| 81 | **Completion of Section W1A** | 0 days | Sat 15 May 30 | Sat 15 May 30 | 60,80 |
| 82 | | | | | |
| 83 | **4. Section W1B of the Works - Portion C2** | **274 days** | **Fri 13 Nov 29** | **Fri 14 Aug 29** | |
| 84 | **Resting Station R2 at Pui To Road (South) Rest Garden** | **274 days** | **Fri 13 Nov 29** | **Fri 14 Aug 29** | |
| 85 | Pocession of site | 94 days | Fri 13 Nov 29 | Sun 14 Mar 2 | |
| 86 | Site clearance | 7 days | Mon 14 Mar 3 | Sun 14 Mar 9 | 9,85 |
| 87 | Erection of Type 3 Hoarding | 21 days | Mon 14 Mar 10 | Sun 14 Mar 30 | 86 |
| 88 | Construction of DWAFT wall | 58 days | Mon 14 Mar 31 | Tue 14 May 27 | 87 |
| 89 | Cable duct laying with draw pits | 21 days | Wed 14 May 28 | Tue 14 Jun 17 | 88 |
| 90 | kerb laying | 15 days | Wed 14 Jun 18 | Wed 14 Jul 2 | 89 |
| 91 | Coordinate and request HyD to install Public lighting | 30 days | Thu 14 Jul 3 | Fri 14 Aug 1 | 90 |
| 92 | Installation of bicycle parking racks, shelter with bench | 28 days | Thu 14 Jul 3 | Wed 14 Jul 30 | 90 |
| 93 | Pavement | 30 days | Thu 14 Jul 31 | Fri 14 Aug 29 | 92 |
| 94 | **Completion of Section W1B** | 0 days | Fri 14 Aug 29 | Fri 14 Aug 29 | 93,91 |
| 95 | | | | | |
| 96 | **5. Section W2 of the Works - Portions D & E** | **854 days** | **Fri 13 Nov 29** | **Thu 16 Mar 31** | |
| 97 | **Portion D** | **854 days** | **Fri 13 Nov 29** | **Thu 16 Mar 31** | |
| 98 | Tree survey and submission | 45 days | Fri 13 Nov 29 | Sun 14 Jan 12 | |
| 99 | **Preparation work** | **300 days** | **Mon 14 Jan 13** | **Sat 14 Nov 8** | |
| 100 | tree felling / site clearance | 120 days | Mon 14 Jan 13 | Mon 14 May 12 | 98 |
| 101 | tree transplant | 180 days | Fri 14 Mar 14 | Tue 14 Sep 9 | 100SS+60 days |
| 102 | Geotechnical instrumentation | 180 days | Tue 14 May 13 | Sat 14 Nov 8 | 101SS+60 days |
| 103 | **Construction of RW2 (29 Bays) and cycle track / footpath** | **657 days** | **Sat 14 Jun 14** | **Thu 16 Mar 31** | |
| 104 | **Bay 1 - Bay 8** | **515 days** | **Sat 14 Nov 1** | **Tue 16 Mar 29** | |
| 105 | Preloading exercise | 140 days | Sat 14 Nov 1 | Fri 15 Mar 20 | 111 |
| 106 | RC structure | 60 days | Sun 15 Nov 1 | Wed 15 Dec 30 | 105 |
| 107 | Backfilling | 60 days | Tue 15 Dec 1 | Fri 16 Jan 29 | 106SS+30 days |
| 108 | Drainage works & duct laying for lighting | 30 days | Thu 15 Dec 31 | Fri 16 Jan 29 | 107SS+30 days |
| 109 | Road works - cycle track & footpath | 60 days | Sat 16 Jan 30 | Tue 16 Mar 29 | 108,107 |
| 110 | **Bay 9 - Bay 16** | **290 days** | **Sat 14 Jun 14** | **Mon 15 Mar 30** | |
| 111 | Preloading exercise | 140 days | Sat 14 Jun 14 | Fri 14 Oct 31 | 102SS+32 days |
| 112 | RC structure | 60 days | Sat 14 Nov 1 | Tue 14 Dec 30 | 111 |
| 113 | Backfilling | 60 days | Mon 14 Dec 1 | Thu 15 Jan 29 | 112SS+30 days |
| 114 | Drainage works & duct laying for lighting | 30 days | Wed 14 Dec 31 | Thu 15 Jan 29 | 113SS+30 days |
| 115 | Road works - cycle track & footpath | 60 days | Fri 15 Jan 30 | Mon 15 Mar 30 | 113,114 |
| 116 | **Bay 17 - Bay 24** | **290 days** | **Sat 15 Mar 21** | **Mon 16 Jan 4** | |
| 117 | Preloading exercise | 140 days | Sat 15 Mar 21 | Fri 15 Aug 7 | 105 |
| 118 | RC structure | 60 days | Sat 15 Aug 8 | Tue 15 Oct 6 | 117,112 |
| 119 | Backfilling | 60 days | Mon 15 Sep 7 | Thu 15 Nov 5 | 118SS+30 days,1 |
| 120 | Drainage works & duct laying for lighting | 30 days | Wed 15 Oct 7 | Thu 15 Nov 5 | 119SS+30 days |
| 121 | Road works - cycle track & footpath | 60 days | Fri 15 Nov 6 | Mon 16 Jan 4 | 119,120,115 |
| 122 | **Bay 25 - Bay 29** | **237 days** | **Sat 15 Aug 8** | **Thu 16 Mar 31** | |
| 123 | Preloading exercise | 135 days | Sat 15 Aug 8 | Sun 15 Dec 20 | 117 |
| 124 | RC structure | 45 days | Mon 15 Dec 21 | Wed 16 Feb 3 | 123,118 |
| 125 | Backfilling | 45 days | Tue 16 Jan 5 | Thu 16 Feb 18 | 124SS+15 days,1 |
| 126 | Drainage works & duct laying for lighting | 30 days | Wed 16 Jan 20 | Thu 16 Feb 18 | 125SS+15 days |
| 127 | Road works - cycle track & footpath | 42 days | Fri 16 Feb 19 | Thu 16 Mar 31 | 125,126,121 |
| 128 | **Construction of Resting Station R9** | 60 days | Sat 16 Jan 30 | Tue 16 Mar 29 | 107 |
| 129 | **Construction RW4 (17 Bays) and cycle track / footpath** | **517 days** | **Sat 14 Nov 1** | **Thu 16 Mar 31** | |
| 130 | **Bay 1 - Bay 6** | **220 days** | **Sat 14 Nov 1** | **Mon 15 Jun 8** | |
| 131 | Preloading exercise | 145 days | Sat 14 Nov 1 | Wed 15 Mar 25 | 111 |
| 132 | RC structure | 30 days | Thu 15 Mar 26 | Fri 15 Apr 24 | 131 |
| 133 | Backfilling | 30 days | Fri 15 Apr 10 | Sat 15 May 9 | 132SS+15 days |
| 134 | Drainage works & duct laying for lighting | 15 days | Sat 15 Apr 25 | Sat 15 May 9 | 133SS+15 days |
| 135 | Road works - cycle track & footpath | 30 days | Sun 15 May 10 | Mon 15 Jun 8 | 133,134 |
| 136 | **Bay 7 - Bay 12** | **220 days** | **Thu 15 Mar 26** | **Sat 15 Oct 31** | |
| 137 | Preloading exercise | 145 days | Thu 15 Mar 26 | Mon 15 Aug 17 | 131 |
| 138 | RC structure | 30 days | Tue 15 Aug 18 | Wed 15 Sep 16 | 137,132,135 |
| 139 | Backfilling | 30 days | Wed 15 Sep 2 | Thu 15 Oct 1 | 138SS+15 days,1 |
| 140 | Drainage works & duct laying for lighting | 15 days | Thu 15 Sep 17 | Thu 15 Oct 1 | 139SS+15 days |



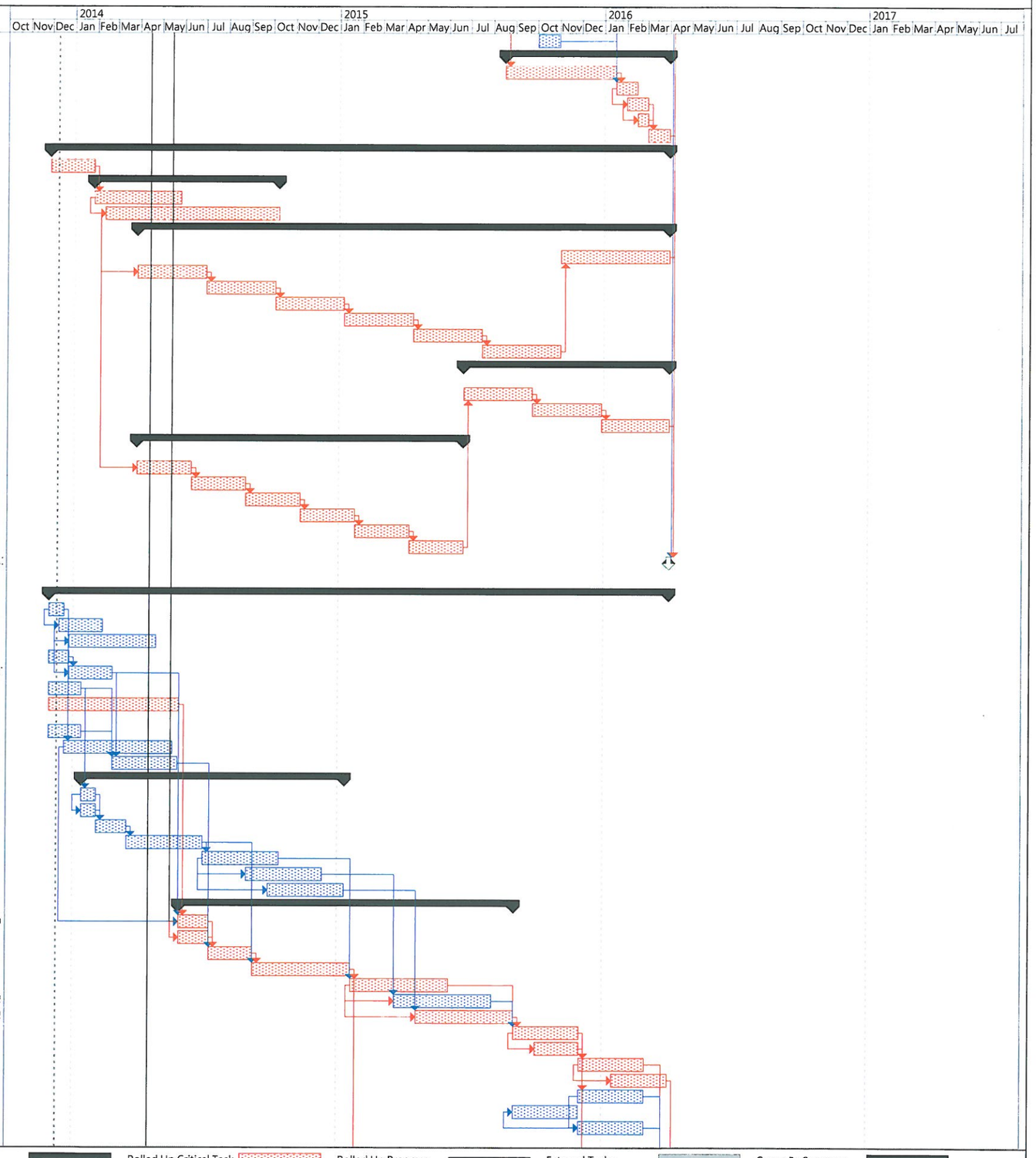

Project: YL/2013/01
Data Date: 29 Nov 2013
Submission: 09 Dec 2013

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

Contract No. YL/2013/01
Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1
Project Programme of the Works

Sang Hing - Kuly Joint Venture

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 141 | Road works - cycle track & footpath | 30 days | Fri 15 Oct 2 | Sat 15 Oct 31 | 139,140 |
| 142 | **Bay 13 - Bay 17** | **227 days** | **Tue 15 Aug 18** | **Thu 16 Mar 31** | |
| 143 | Preloading exercise | 152 days | Tue 15 Aug 18 | Sat 16 Jan 16 | 137 |
| 144 | RC structure | 30 days | Sun 16 Jan 17 | Mon 16 Feb 15 | 143,138,141 |
| 145 | Backfilling | 30 days | Mon 16 Feb 1 | Tue 16 Mar 1 | 144SS+15 days |
| 146 | Drainage works & duct laying for lighting | 15 days | Tue 16 Feb 16 | Tue 16 Mar 1 | 145SS+15 days |
| 147 | Road works - cycle track & footpath | 30 days | Wed 16 Mar 2 | Thu 16 Mar 31 | 145,146 |
| 148 | **Portion E** | **854 days** | **Fri 13 Nov 29** | **Thu 16 Mar 31** | |
| 149 | Tree Survey and submission | 60 days | Fri 13 Nov 29 | Mon 14 Jan 27 | |
| 150 | **Preparation works** | **255 days** | **Tue 14 Jan 28** | **Thu 14 Oct 9** | |
| 151 | tree felling / site clearance | 120 days | Tue 14 Jan 28 | Tue 14 May 27 | 149 |
| 152 | tree transplant | 240 days | Wed 14 Feb 12 | Thu 14 Oct 9 | 151SS+15 days |
| 153 | **Construction of RW1 (36 Bays) and cycle track/footpath/treepits/drainage** | **734 days** | **Sat 14 Mar 29** | **Thu 16 Mar 31** | |
| 154 | Bay 1 - Bay 5 | 150 days | Tue 15 Nov 3 | Thu 16 Mar 31 | 160 |
| 155 | Bay 6 - Bay 10 | 95 days | Sat 14 Mar 29 | Tue 14 Jul 1 | 152SS+45 days |
| 156 | Bay 11 - Bay 15 | 95 days | Wed 14 Jul 2 | Sat 14 Oct 4 | 155 |
| 157 | Bay 16 - Bay 20 | 95 days | Sun 14 Oct 5 | Wed 15 Jan 7 | 156 |
| 158 | Bay 21 - Bay 25 | 95 days | Thu 15 Jan 8 | Sun 15 Apr 12 | 157 |
| 159 | Bay 26 - Bay 30 | 95 days | Mon 15 Apr 13 | Thu 15 Jul 16 | 158 |
| 160 | Bay 31 - Bay 36 | 109 days | Fri 15 Jul 17 | Mon 15 Nov 2 | 159 |
| 161 | **Construction of RW5 (14 Bays) and cycle track/footpath/treepits/drainage** | **284 days** | **Mon 15 Jun 22** | **Thu 16 Mar 31** | |
| 162 | Bay 1 - Bay 5 | 95 days | Mon 15 Jun 22 | Thu 15 Sep 24 | 171 |
| 163 | Bay 6 - Bay 10 | 95 days | Fri 15 Sep 25 | Mon 15 Dec 28 | 162 |
| 164 | Bay 11 - Bay 14 | 94 days | Tue 15 Dec 29 | Thu 16 Mar 31 | 163 |
| 165 | **Construction of RW8 (28 Bays) and cycle track/footpath/drainage** | **450 days** | **Sat 14 Mar 29** | **Sun 15 Jun 21** | |
| 166 | Bay 1 - Bay 5 | 75 days | Sat 14 Mar 29 | Wed 14 Jun 11 | 152SS+45 days |
| 167 | Bay 6 - Bay 10 | 75 days | Thu 14 Jun 12 | Mon 14 Aug 25 | 166 |
| 168 | Bay 11 - Bay 15 | 75 days | Tue 14 Aug 26 | Sat 14 Nov 8 | 167 |
| 169 | Bay 16 - Bay 20 | 75 days | Sun 14 Nov 9 | Thu 15 Jan 22 | 168 |
| 170 | Bay 21 - Bay 25 | 75 days | Fri 15 Jan 23 | Tue 15 Apr 7 | 169 |
| 171 | Bay 26 - Bay 28 | 75 days | Wed 15 Apr 8 | Sun 15 Jun 21 | 170 |
| 172 | **Completion of Section W2** | 0 days | Thu 16 Mar 31 | Thu 16 Mar 31 | 127,128,147,154,. |
| 173 | | | | | |
| 174 | **6. Section W3 of the Works - Portions G1 & G2** | **854 days** | **Fri 13 Nov 29** | **Thu 16 Mar 31** | |
| 175 | Tree survey and submission | 21 days | Fri 13 Nov 29 | Thu 13 Dec 19 | |
| 176 | Tree felling / site clearance | 60 days | Fri 13 Dec 13 | Mon 14 Feb 10 | 175SS+14 days |
| 177 | Hoarding erection | 120 days | Fri 13 Dec 27 | Fri 14 Apr 25 | 176SS+14 days |
| 178 | Temp foothpath diversion / Trial pits (2 nos.) | 28 days | Fri 13 Nov 29 | Thu 13 Dec 26 | |
| 179 | Footpath diversion | 60 days | Fri 13 Dec 27 | Mon 14 Feb 24 | 176SS+14 days,1 |
| 180 | Utility detection / utility mapping / submission | 45 days | Fri 13 Nov 29 | Sun 14 Jan 12 | |
| 181 | Utility diversion - CLP/HKBN & removal of street lighting / irrigation pipe w/ water points | 180 days | Fri 13 Nov 29 | Tue 14 May 27 | |
| 182 | Consent from MTRCL | 45 days | Fri 13 Nov 29 | Sun 14 Jan 12 | |
| 183 | Tree transplant | 150 days | Fri 13 Dec 20 | Sun 14 May 18 | 175 |
| 184 | Constructed & removal of existing underground drainage | 90 days | Tue 14 Feb 25 | Sun 14 May 25 | 180,179,182 |
| 185 | **Construction of public toilet** | **363 days** | **Mon 14 Jan 13** | **Sat 15 Jan 10** | |
| 186 | Excavation for sub-structure | 21 days | Mon 14 Jan 13 | Sun 14 Feb 2 | 180,182 |
| 187 | Disposal of excavated material to Employer's tip at LianTang | 21 days | Mon 14 Jan 13 | Sun 14 Feb 2 | 186SS |
| 188 | Construction of concrete footing | 42 days | Mon 14 Feb 3 | Sun 14 Mar 16 | 187,186 |
| 189 | RC structures | 105 days | Mon 14 Mar 17 | Sun 14 Jun 29 | 188 |
| 190 | Internal finishes | 105 days | Mon 14 Jun 30 | Sun 14 Oct 12 | 189 |
| 191 | Electrical installation | 105 days | Fri 14 Aug 29 | Thu 14 Dec 11 | 190SS+60 days |
| 192 | External finishes | 105 days | Sun 14 Sep 28 | Sat 15 Jan 10 | 190SS+90 days |
| 193 | **Construction of Kiosks** | **462 days** | **Wed 14 May 28** | **Tue 15 Sep 1** | |
| 194 | Excavation for sub-structure | 42 days | Wed 14 May 28 | Tue 14 Jul 8 | 181,183SS+90 da |
| 195 | Disposal of excavated material to Employer's tip at LianTang | 42 days | Wed 14 May 28 | Tue 14 Jul 8 | 194SS |
| 196 | Construction of concrete footing | 60 days | Wed 14 Jul 9 | Sat 14 Sep 6 | 195,194,184 |
| 197 | RC structures | 135 days | Sun 14 Sep 7 | Mon 15 Jan 19 | 196,189 |
| 198 | Internal finishes | 135 days | Tue 15 Jan 20 | Wed 15 Jun 3 | 197,190 |
| 199 | Electrical installation | 135 days | Sat 15 Mar 21 | Sun 15 Aug 2 | 198SS+60 days,1 |
| 200 | External finishes | 135 days | Mon 15 Apr 20 | Tue 15 Sep 1 | 198SS+90 days,1 |
| 201 | Drainage works | 90 days | Wed 15 Sep 2 | Mon 15 Nov 30 | 200,198,199 |
| 202 | Laying of watermains and irrigation system | 60 days | Fri 15 Oct 2 | Mon 15 Nov 30 | 201SS+30 days |
| 203 | Kerb laying / planter | 90 days | Tue 15 Dec 1 | Sun 16 Feb 28 | 202 |
| 204 | Construction of paving slab | 77 days | Fri 16 Jan 15 | Thu 16 Mar 31 | 203SS+45 days |
| 205 | Construction of cycle track and footpath | 90 days | Tue 15 Dec 1 | Sun 16 Feb 28 | 202 |
| 206 | TTM submission for relocation of Bus Stop | 90 days | Wed 15 Sep 2 | Mon 15 Nov 30 | 207SS-90 days |
| 207 | **Relocation of Bus Stop and construction of layby for cyclists pickup/drop off** | 90 days | Tue 15 Dec 1 | Sun 16 Feb 28 | 205SS |

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

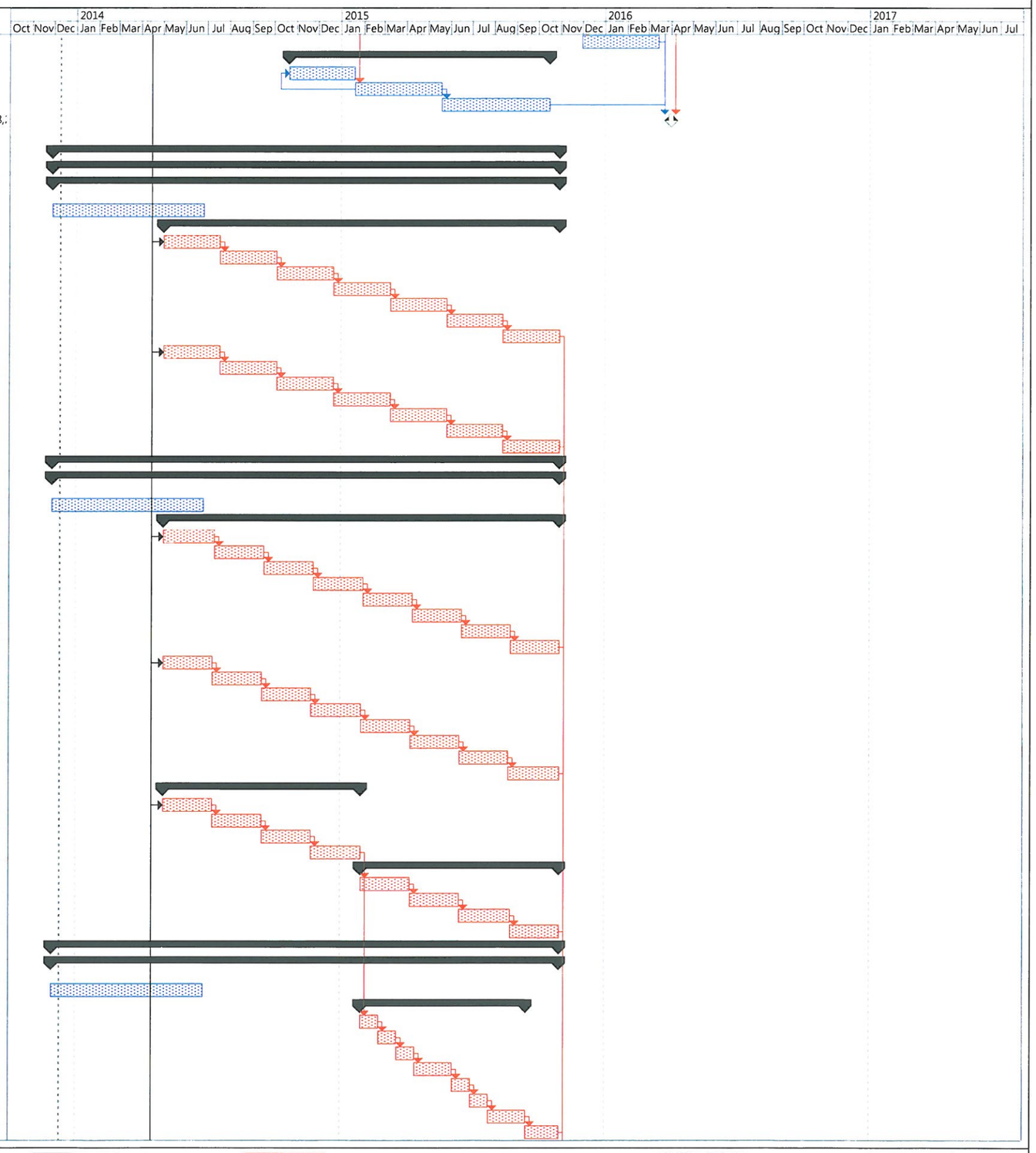
Contract No. YL/2013/01

Cycle Tracks from Tuen Mun to Sheugn Shui - Stage 1

Project Programme of the Works

Sang Hing - Kuly Joint Venture

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 208 | Construction of bicycle parking racks | 105 days | Tue 15 Dec 1 | Mon 16 Mar 14 | 201 |
| 209 | Realignment of Cycle track and footpath at Ng Lau Road | 360 days | Wed 14 Oct 22 | Fri 15 Oct 16 | |
| 210 | TTM submission | 90 days | Wed 14 Oct 22 | Mon 15 Jan 19 | 211SS-90 days |
| 211 | Construction of RWH1 | 120 days | Tue 15 Jan 20 | Tue 15 May 19 | 197 |
| 212 | Backfilling and construction of cycle track and footpath | 150 days | Wed 15 May 20 | Fri 15 Oct 16 | 211 |
| 213 | Completion of Section W3 | 0 days | Thu 16 Mar 31 | Thu 16 Mar 31 | 212,204,207,208,2 |
| 214 | | | | | |
| 215 | 7. Section W4 of the Works - Portions H, I & K | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 216 | Portion H | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 217 | Improvement of Cycle Tracks, Footpaths & associated Road Works at Lam Tei | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 218 | Preparation work, TTM and submissions | 210 days | Fri 13 Nov 29 | Thu 14 Jun 26 | |
| 219 | CHA - A7+200 ~ A8+560 | 547 days | Fri 14 May 2 | Fri 15 Oct 30 | |
| 220 | A7+200 ~ A7+300 | 78 days | Fri 14 May 2 | Fri 14 Jul 18 | 14SS+1 day |
| 221 | A7+300 ~ A7+400 | 78 days | Sat 14 Jul 19 | Sat 14 Oct 4 | 220 |
| 222 | A7+400 ~ A7+500 | 78 days | Sun 14 Oct 5 | Sun 14 Dec 21 | 221 |
| 223 | A7+500 ~ A7+600 | 78 days | Mon 14 Dec 22 | Mon 15 Mar 9 | 222 |
| 224 | A7+600 ~ A7+700 | 78 days | Tue 15 Mar 10 | Tue 15 May 26 | 223 |
| 225 | A7+700 ~ A7+800 | 78 days | Wed 15 May 27 | Wed 15 Aug 12 | 224 |
| 226 | A7+800 ~ A7+900 | 79 days | Thu 15 Aug 13 | Fri 15 Oct 30 | 225 |
| 227 | A7+900 ~ A8+000 | 78 days | Fri 14 May 2 | Fri 14 Jul 18 | 14SS+1 day |
| 228 | A8+000 ~ A8+100 | 78 days | Sat 14 Jul 19 | Sat 14 Oct 4 | 227 |
| 229 | A8+100 ~ A8+200 | 78 days | Sun 14 Oct 5 | Sun 14 Dec 21 | 228 |
| 230 | A8+200 ~ A8+300 | 78 days | Mon 14 Dec 22 | Mon 15 Mar 9 | 229 |
| 231 | A8+300 ~ A8+400 | 78 days | Tue 15 Mar 10 | Tue 15 May 26 | 230 |
| 232 | A8+400 ~ A8+500 | 78 days | Wed 15 May 27 | Wed 15 Aug 12 | 231 |
| 233 | A8+500 ~ A8+560 | 79 days | Thu 15 Aug 13 | Fri 15 Oct 30 | 232 |
| 234 | Portion I | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 235 | Improvement of Cycle Tracks, Footpaths & associated Road Works at Hung Shui Kiu | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 236 | Preparation work, TTM and submissions | 210 days | Fri 13 Nov 29 | Thu 14 Jun 26 | |
| 237 | CHA - A8+585 ~ A10+169 | 547 days | Fri 14 May 2 | Fri 15 Oct 30 | |
| 238 | A8+585 ~ A8+700 | 71 days | Fri 14 May 2 | Fri 14 Jul 11 | 15SS+1 day |
| 239 | A8+700 ~ A8+800 | 68 days | Sat 14 Jul 12 | Wed 14 Sep 17 | 238 |
| 240 | A8+800 ~ A8+900 | 68 days | Thu 14 Sep 18 | Mon 14 Nov 24 | 239 |
| 241 | A8+900 ~ A9+000 | 68 days | Tue 14 Nov 25 | Sat 15 Jan 31 | 240 |
| 242 | A9+000 ~ A9+100 | 68 days | Sun 15 Feb 1 | Thu 15 Apr 9 | 241 |
| 243 | A9+100 ~ A9+200 | 68 days | Fri 15 Apr 10 | Tue 15 Jun 16 | 242 |
| 244 | A9+200 ~ A9+300 | 68 days | Wed 15 Jun 17 | Sun 15 Aug 23 | 243 |
| 245 | A9+300 ~ A9+400 | 68 days | Mon 15 Aug 24 | Fri 15 Oct 30 | 244 |
| 246 | A9+400 ~ A9+500 | 68 days | Fri 14 May 2 | Tue 14 Jul 8 | 15SS+1 day |
| 247 | A9+500 ~ A9+600 | 68 days | Wed 14 Jul 9 | Sun 14 Sep 14 | 246 |
| 248 | A9+600 ~ A9+700 | 68 days | Mon 14 Sep 15 | Fri 14 Nov 21 | 247 |
| 249 | A9+700 ~ A9+800 | 68 days | Sat 14 Nov 22 | Wed 15 Jan 28 | 248 |
| 250 | A9+800 ~ A9+900 | 68 days | Thu 15 Jan 29 | Mon 15 Apr 6 | 249 |
| 251 | A9+900 ~ A10+000 | 68 days | Tue 15 Apr 7 | Sat 15 Jun 13 | 250 |
| 252 | A10+000 ~ A10+100 | 68 days | Sun 15 Jun 14 | Thu 15 Aug 20 | 251 |
| 253 | A10+100 ~ A10+169 | 71 days | Fri 15 Aug 21 | Fri 15 Oct 30 | 252 |
| 254 | CHA - E0+000 ~ E0+345 | 272 days | Fri 14 May 2 | Wed 15 Jan 28 | |
| 255 | E0+000 ~ E0+100 | 68 days | Fri 14 May 2 | Tue 14 Jul 8 | 15SS+1 day |
| 256 | E0+100 ~ E0+200 | 68 days | Wed 14 Jul 9 | Sun 14 Sep 14 | 255 |
| 257 | E0+200 ~ E0+300 | 68 days | Mon 14 Sep 15 | Fri 14 Nov 21 | 256 |
| 258 | E0+300 ~ E0+345 | 68 days | Sat 14 Nov 22 | Wed 15 Jan 28 | 257 |
| 259 | CHA - D0+000 ~ D0+380 | 275 days | Thu 15 Jan 29 | Fri 15 Oct 30 | |
| 260 | D0+000 ~ D0+100 | 68 days | Thu 15 Jan 29 | Mon 15 Apr 6 | 258 |
| 261 | D0+100 ~ D0+200 | 68 days | Tue 15 Apr 7 | Sat 15 Jun 13 | 260 |
| 262 | D0+200 ~ D0+300 | 71 days | Sun 15 Jun 14 | Sun 15 Aug 23 | 261 |
| 263 | D0+300 ~ D0+380 | 68 days | Mon 15 Aug 24 | Fri 15 Oct 30 | 262 |
| 264 | Portion K | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 265 | Improvement of Cycle Tracks, Footpaths & associated Road Works at Yuen Long | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 266 | Preparation work, TTM and submsions | 210 days | Fri 13 Nov 29 | Thu 14 Jun 26 | |
| 267 | CHA - E1+100 ~ E1+800 Ping Shan | 229 days | Thu 15 Jan 29 | Mon 15 Sep 14 | |
| 268 | E1+100 ~ E1+200 | 25 days | Thu 15 Jan 29 | Sun 15 Feb 22 | 258 |
| 269 | E1+200 ~ E1+300 | 25 days | Mon 15 Feb 23 | Thu 15 Mar 19 | 268 |
| 270 | E1+300 ~ E1+400 | 25 days | Fri 15 Mar 20 | Mon 15 Apr 13 | 269 |
| 271 | E1+400 ~ E1+500 | 52 days | Tue 15 Apr 14 | Thu 15 Jun 4 | 270 |
| 272 | E1+500 ~ E1+600 | 25 days | Fri 15 Jun 5 | Mon 15 Jun 29 | 271 |
| 273 | E1+600 ~ E1+700 | 25 days | Tue 15 Jun 30 | Fri 15 Jul 24 | 272 |
| 274 | E1+700 ~ E1+800 | 52 days | Sat 15 Jul 25 | Mon 15 Sep 14 | 273 |
| 275 | CHA - E2+265 ~ E2+370 Wan Tat Road | 46 days | Tue 15 Sep 15 | Fri 15 Oct 30 | 274 |

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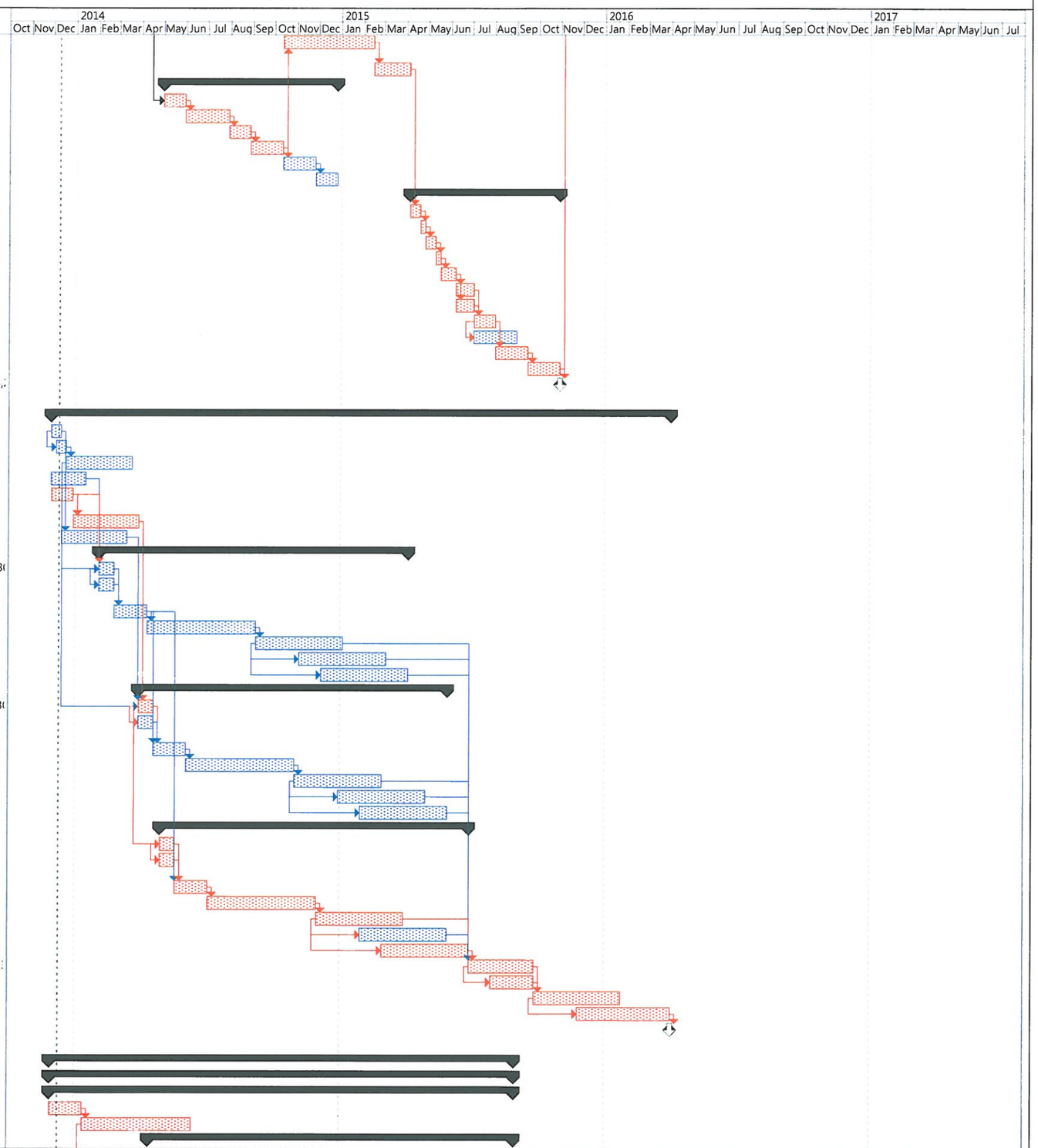
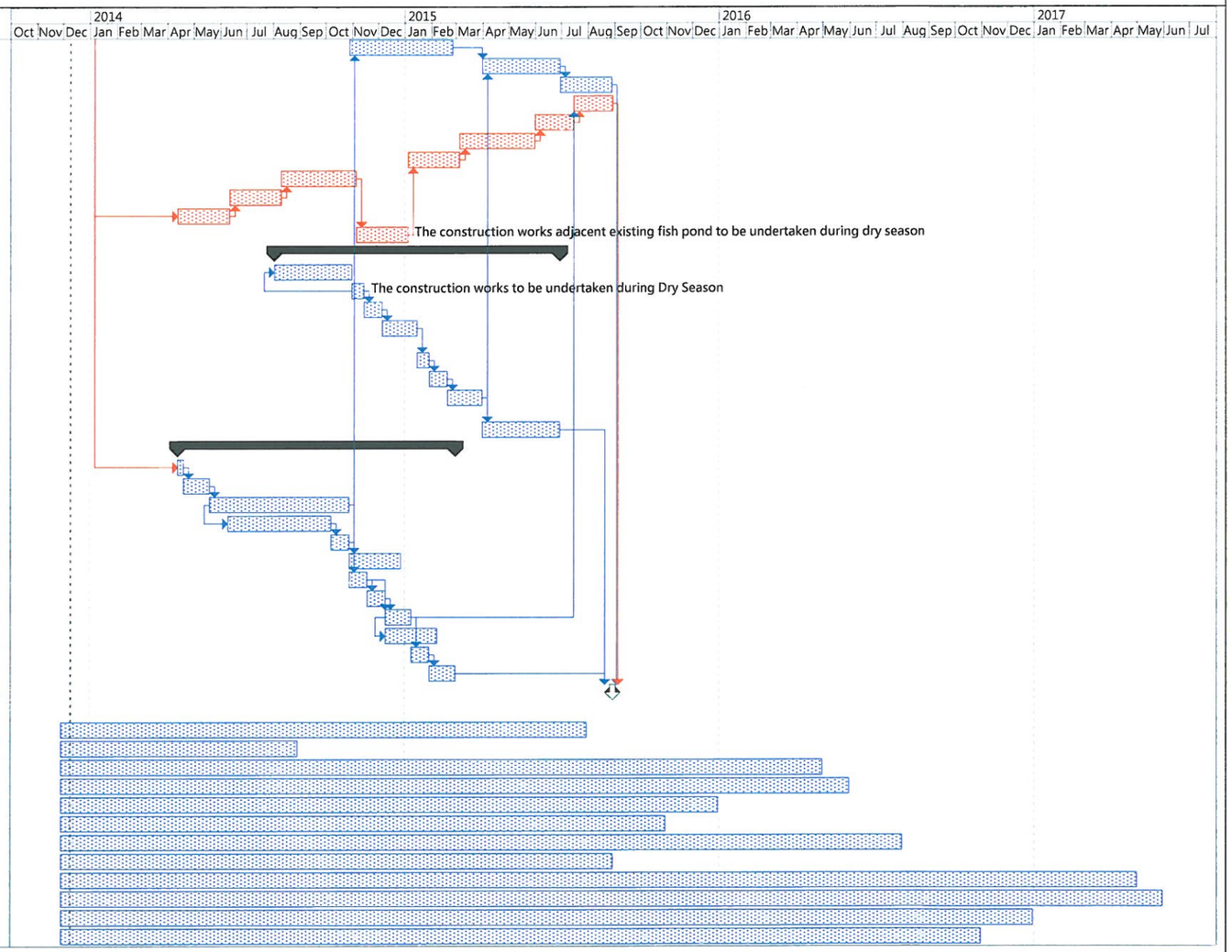
Task | Progress | Summary | Rolled Up Critical Task | Rolled Up Progress | External Tasks | Group By Summary
Critical Task | Milestone | Rolled Up Task | Rolled Up Milestone | Split | Project Summary | Deadline

| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 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 5 | 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 | 17SS |
| 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 | 226,233,245,253,2 |
| 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,3( |
| 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,3( |
| 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 | 314,322,330,312,3 |
| 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** | |



| ID | Task Name | Duration | Start | Finish | Predecessors |
|---|---|---|---|---|---|
| 343 | MP0+000 ~ MP0+080 proposed fill slope | 120 days | Wed 14 Oct 29 | Wed 15 Feb 25 | 368 |
| 344 | MP0+100 ~ MP0+160 L-shape RW3 | 90 days | Wed 15 Apr 1 | Mon 15 Jun 29 | 361,343 |
| 345 | MP0+160 ~ MP0+300 widening of existing footpath | 60 days | Tue 15 Jun 30 | Fri 15 Aug 28 | 344 |
| 346 | MP0+300 ~ MP0+400 | 45 days | Thu 15 Jul 16 | Sat 15 Aug 29 | 372,347 |
| 347 | MP0+400 ~ MP0+500 | 45 days | Mon 15 Jun 1 | Wed 15 Jul 15 | 348 |
| 348 | MP0+500 ~MP0+580 U-shape RW6 | 87 days | Fri 15 Mar 6 | Sun 15 May 31 | 349 |
| 349 | MP0+580 ~ MP0+760 | 60 days | Mon 15 Jan 5 | Thu 15 Mar 5 | 353 |
| 350 | MP0+760 ~ MP0+830 U-shape RW7 | 87 days | Mon 14 Aug 11 | Wed 14 Nov 5 | 351 |
| 351 | MP0+830 ~ MP1+025 | 60 days | Thu 14 Jun 12 | Sun 14 Aug 10 | 352 |
| 352 | MP1+025 ~ MP1+050 U-shape RW | 60 days | Sun 14 Apr 13 | Wed 14 Jun 11 | 341SS+90 days |
| 353 | MP1+050 ~ MP1+100 DWARF wall | 60 days | Thu 14 Nov 6 | Sun 15 Jan 4 | 350 |
| 354 | **Stream Decking STR2** | **331 days** | **Sun 14 Aug 3** | **Mon 15 Jun 29** | |
| 355 | TDMP design and submission | 90 days | Sun 14 Aug 3 | Fri 14 Oct 31 | 356SS-90 days |
| 356 | Temporary flow diversion for south half portion | 14 days | Sat 14 Nov 1 | Fri 14 Nov 14 | |
| 357 | Demolition of exisitng base slab and wing wall | 21 days | Sat 14 Nov 15 | Fri 14 Dec 5 | 356 |
| 358 | Construction of box culvert and base slab / wing wall W2 of outlet | 41 days | Sat 14 Dec 6 | Thu 15 Jan 15 | 357 |
| 359 | Temporary flow diversion for north half portion | 14 days | Fri 15 Jan 16 | Thu 15 Jan 29 | 358 |
| 360 | Demolition of existing base slab and wing wall | 21 days | Fri 15 Jan 30 | Thu 15 Feb 19 | 359 |
| 361 | Construction of box culvert and base slab / wing wall W1 of outlet | 40 days | Fri 15 Feb 20 | Tue 15 Mar 31 | 360 |
| 362 | Railing installation and road works | 90 days | Wed 15 Apr 1 | Mon 15 Jun 29 | 361 |
| 363 | **Resting Station R5** | **322 days** | **Sun 14 Apr 13** | **Sat 15 Feb 28** | |
| 364 | Site Clearance | 7 days | Sun 14 Apr 13 | Sat 14 Apr 19 | 341SS+90 days |
| 365 | Erection of Type 1 Hoarding | 30 days | Sun 14 Apr 20 | Mon 14 May 19 | 364 |
| 366 | Tree felling / tree tranplant | 162 days | Tue 14 May 20 | Tue 14 Oct 28 | 365 |
| 367 | Construction of planter wall | 120 days | Tue 14 Jun 10 | Tue 14 Oct 7 | 366SS+21 days |
| 368 | Backfilling | 21 days | Wed 14 Oct 8 | Tue 14 Oct 28 | 367 |
| 369 | Drainage works | 60 days | Wed 14 Oct 29 | Sat 14 Dec 27 | 368,366 |
| 370 | Cable duct laying with draw pits | 21 days | Wed 14 Oct 29 | Tue 14 Nov 18 | 368,366 |
| 371 | Installation of irrigation pipe and irrigation point (2 nos.) | 21 days | Wed 14 Nov 19 | Tue 14 Dec 9 | 370 |
| 372 | Kerb laying | 30 days | Wed 14 Dec 10 | Thu 15 Jan 8 | 370,371 |
| 373 | Coordinate and request HyD to install Public lighting (3 nos) | 60 days | Wed 14 Dec 10 | Sat 15 Feb 7 | 372SS |
| 374 | Installation of bicycle parking racks, shelter with bench | 21 days | Fri 15 Jan 9 | Thu 15 Jan 29 | 372 |
| 375 | Pavement | 30 days | Fri 15 Jan 30 | Sat 15 Feb 28 | 374 |
| 376 | **Completion of Section W7** | 0 days | Sat 15 Aug 29 | Sat 15 Aug 29 | 345,346,362,375 |
| 377 | | | | | |
| 378 | Section W8A - Landscape Softworks within Portions C1, C3 & C4 | 609 days | Fri 13 Nov 29 | Thu 15 Jul 30 | |
| 379 | Section W8B - Landscape Softworks within Portion C2 | 274 days | Fri 13 Nov 29 | Fri 14 Aug 29 | |
| 380 | Section W8C - Landscape Softworks within Portion G1 & J | 883 days | Fri 13 Nov 29 | Fri 16 Apr 29 | |
| 381 | Section W8D - Landscape Softworks within Portion D & E | 914 days | Fri 13 Nov 29 | Mon 16 May 30 | |
| 382 | Section W8E - Landscape Softworks within Portions I & K | 762 days | Fri 13 Nov 29 | Wed 15 Dec 30 | |
| 383 | Section W8F - Landscape Softworks within Portion M | 701 days | Fri 13 Nov 29 | Fri 15 Oct 30 | |
| 384 | Section W9A - Establishment Works within Portions C1, C3 & C4 | 975 days | Fri 13 Nov 29 | Sat 16 Jul 30 | |
| 385 | Section W9B - Establishment Works within Portion C2 | 639 days | Fri 13 Nov 29 | Sat 15 Aug 29 | |
| 386 | Section W9C - Establishment Works within Portions G1 & J | 1249 days | Fri 13 Nov 29 | Sun 17 Apr 30 | |
| 387 | Section W9D - Establishment Works within Portions D & E | 1279 days | Fri 13 Nov 29 | Tue 17 May 30 | |
| 388 | Section W9E - Establishment Works within Portion I & K | 1128 days | Fri 13 Nov 29 | Fri 16 Dec 30 | |
| 389 | Section W9F - Establishment Works within Portion M | 1067 days | Fri 13 Nov 29 | Sun 16 Oct 30 | |



# 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. Brian Ho | Site Agent | 9485 0823 |
| 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 July 2014 | 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. 12 (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 9/7/2014
Time 9:30 - 11:30
Persons making the inspection:

| Name in Block Letters | Designation | Signature |
|---|---|---|
| 1. Jeff Chan | Contractor's Agent (or his Representative) | |
| 2. Michael Wan | Environmental Officer (or Environmental Supervisor) | |
| 3. Wong Tak Wah | The Engineer's Nominated Site Representative | |
| 4. Sue Ann Lee | Environmental Team's Representative | |
| 5. Aloysius Wong | Landscape Architect | |
| 6. Dong Yu | IEC | |
| 7. | | |
| 8. | | |

| Item No. | Location | Situation Requiring Follow-up Action | Agreed Due Date for Completion | Date Completed | Remarks |
|---|---|---|---|---|---|
| 1. | Shek Sheung River | Rainwater trapped in excavated pit | 16/7/2014 | 14/7/2014 | |
| 2. | Shek Sheung River | Materials & plants not kept away from existing trees & vegetation | 23/7/2014 | 21/7/2014 | Issue found on 16-6-2014 |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |

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

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

Contractor's Agent or his Representative
Landscape Architect

**Part II :** (To be countersigned after ALL actions are completed)
Contractor's *Environmental Officer/Assigned Person
Date 21/7/2014

The Environmental Team's Representative
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.** 13
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

Date of Inspection: 9/7/2014 Time: 9:30 - 11:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 34 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Locations: Shek Sheung River

Person(s) making the inspection:

| Name in Block Letters | Designation | Organisation |
|---|---|---|
| Jeff Chan | Contractor's Agent | Sang Hing - Kuly Joint Venture |
| Michael Wan | Environmental Officer | Sang Hing - Kuly Joint Venture |
| Wong Tak Wah | The Engineer's Nominated Site Representative | URS HK Ltd |
| Suranna Lee | Environmental Team's Representative | URS HK Ltd |
| Aloysius Wong | Landscape Architect | Principal / Terra Studio Limited |
| Bong Yu | IEC | Materia Lab Consultants Ltd |

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

| | 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 and correctly implemented | (✓) | ( ) | ( ) | |
| o. Other: Please specify | ( ) | ( ) | ( ) | |
| 7. Others | | | | |
| a. Existing trees and vegetation maintained and protected as required | (✓) | ( ) | ( ) | |
| b. Materials & plant kept way from existing trees and vegetation | ( ) | (✓) | ( ) | issue found on 16/6/2014 |
| c. Topsoil conserved and re-use in landscape works | (✓) | ( ) | ( ) | |
| d. Night-time lighting controlled to minimize glare | ( ) | ( ) | (✓) | |
| e. In situ compensation planting should occur at the Information Kiosk and R9 | ( ) | ( ) | (✓) | |
| f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum. | ( ) | ( ) | (✓) | |
| g. Others: Please specify | ( ) | ( ) | ( ) | |

9. OTHER COMMENTS

a. _____
b. _____
c. _____

Signed By

Name: Sueann Lee
Environmental Team's Representative

Signed By

Name & ~~Title~~:
Engineer's Nominated Site Representative

**Civil Engineering and Development Department**
**Contract No. YL/2013/01**
**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1**
**Weekly Environmental Walk No. 12**
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

| **Deficiency Items Identified during Weekly Site Walk** | **Status after Rectification** |
|---|---|
|  |  |
| Item no. 3(p) | Rectified Date: 14/7/2014 |
| Description: Rain water has been trapped in excavated pit | Follow up Action Taken: Rainwater was pumped away |
| Location: Shek Sheung River | |
| | |
|  |  |
| Item no. 7(b) | Rectified Date: 21/7/2014 |
| Description: Materials and plant were not kept away from existing trees and vegetation | Follow up Action Taken: Materials and plant were moved away from existing trees and vegetation |
| 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. 13 (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 14/7/2014 Time 9:30-11:30
Persons making the inspection:

| Name in Block Letters | Designation | Signature |
|---|---|---|
| 1. Brian Ho | Contractor's Agent (or his Representative) | |
| 2. Michael Wan | Environmental Officer (or Environmental Supervisor) | |
| 3. Wong Tak Wah | The Engineer's Nominated Site Representative | |
| 4. Suehna Lee | Environmental Team's Representative | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |

| Item No. | Location | Situation Requiring Follow-up Action | Agreed Due Date for Completion | Date Completed | Remarks |
|---|---|---|---|---|---|
| 1. | Shek Sheung River | Rain water trapped in excavated pit & side of road | 21/7/2014 | 18/7/2014 | |
| 2. | Shek Sheung River | Material placed next to existing trees | 21/7/2014 | 18/7/2014 | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |

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

The Engineer's Nominated Site Representative
Environmental Team's Representative
Contractor's Agent or his Representative
Landscape Architect

**Part II :** (To be countersigned after ALL actions are completed)
Contractor's *Environmental Officer/Assigned Person
Date 21/7/2014
The Environmental Team's Representative
Date 21/7/2014

**Civil Engineering and Development Department**
**Contract No. YL/2013/01**
**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1**
**Weekly Environmental Walk No. 13**
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

Date of Inspection: 14/7/2014 Time: 9:30-14:30
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 33 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Locations: Shek Sheung River

Person(s) making the inspection:

| Name in Block Letters | Designation | Organisation |
|---|---|---|
| Brian Ho | Contractor's Agent | Sang Hing - Kaly Joint Venture |
| Michael Wan | Environmental Officer | Sang Hing - Kaly Joint Venture |
| Ivan Tak Wah | The Engineer's Nominated Site Representative | URS HK Ltd |
| Suehana Lee | Environmental Team's Representative | URS HK Ltd |

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

| | 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 and correctly implemented | (✓) | ( ) | ( ) | |
| o. Other: Please specify | ( ) | ( ) | ( ) | |
| 7. Others | | | | |
| a. Existing trees and vegetation maintained and protected as required | (✓) | ( ) | ( ) | |
| b. Materials & plant kept way from existing trees and vegetation | ( ) | (✓) | ( ) | |
| c. Topsoil conserved and re-use in landscape works | (✓) | ( ) | ( ) | |
| d. Night-time lighting controlled to minimize glare | ( ) | ( ) | (✓) | |
| e. In situ compensation planting should occur at the Information Kiosk and R9 | ( ) | ( ) | (✓) | |
| f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum. | ( ) | ( ) | (✓) | |
| g. Others: Please specify | ( ) | ( ) | ( ) | |

9. OTHER COMMENTS

a. _____
b. _____
c. _____

Signed By

Name: Suenny Lee
Environmental Team's Representative

Signed By

Name & Title: Wong Tak Wah
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. 13**
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

| Deficiency Items Identified during Weekly Site Walk | Status after Rectification |
|---|---|
|  |  |
| Item no. 3(p) | Rectified Date: 21/7/2014 |
| Description: Rain water has been trapped in excavated pit | Follow up Action Taken: Rain water was pumped away |
| Location: Shek Sheung River | |
| | |
|  |  |
| Item no. 3(p) | Rectified Date: 21/7/2014 |
| Description: Rain water has accumulated on side of road | Follow up Action Taken: Water was removed from side of road |
| Location: Shek Sheung River | |
|  |  |
| Item no. 7(b) | Rectified Date: 21/7/2014 |
| Description: Materials and plant were not kept away from existing trees and vegetation | Follow up Action Taken: Materials and plant were moved away from existing trees and vegetation |
| 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. 14 (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 21/7/2014 Time 9:30 - 11:30
Persons making the inspection:

| Name in Block Letters | Designation | Signature |
|---|---|---|
| 1. Brian Ho | Contractor's Agent (or his Representative) | |
| 2. Michael Wan | Environmental Officer (or Environmental Supervisor) | |
| 3. Wong Tak Wah | The Engineer's Nominated Site Representative | |
| 4. Sneann Lee | Environmental Team's Representative | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |

| Item No. | Location | Situation Requiring Follow-up Action | Agreed Due Date for Completion | Date Completed | Remarks |
|---|---|---|---|---|---|
| 1. | Shek Sheung River | Rainwater trapped in excavated pit | 28/7/2014 | 28/7/2014 | |
| 2. | Shek Sheung River | Desilting measures no longer effective | 28/7/2014 | Follow up Action Required. | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |

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

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

Contractor's Agent or his Representative _____
Landscape Architect n/a

**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 Track from Tuen Mun to Sheung Shui – Stage 1**
**Weekly Environmental Walk No.** 14
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

Date of Inspection: 21/7/2014 Time: 9:30 - 11:30 am
Weather: Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy Temperature: 33 °C
Wind: Calm/Light/Breeze/Strong Humidity: High/Moderate/Low
Locations: Shek Sheung River

Person(s) making the inspection:

| Name in Block Letters | Designation | Organisation |
|---|---|---|
| Brian Ho | Contractor's Agent | Sam Hoo - Kaly Joint Venture |
| Michael Wan | Environmental Officer | Sang Hing - Kaly Joint Venture |
| Wong Tak Wah | The Engineer's Nominated Site Representative | URS (HK) Ltd |
| Su Hann Lee | Environmental Team Representative | URS HK Ltd |

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

| | 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 and correctly implemented | (✓) | ( ) | ( ) | |
| o. Other: Please specify | ( ) | ( ) | ( ) | |
| 7. Others | | | | |
| a. Existing trees and vegetation maintained and protected as required | (✓) | ( ) | ( ) | |
| b. Materials & plant kept way from existing trees and vegetation | (✓) | ( ) | ( ) | |
| c. Topsoil conserved and re-use in landscape works | (✓) | ( ) | ( ) | |
| d. Night-time lighting controlled to minimize glare | ( ) | ( ) | (✓) | |
| e. In situ compensation planting should occur at the Information Kiosk and R9 | ( ) | ( ) | (✓) | |
| f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum. | ( ) | ( ) | (✓) | |
| g. Others: Please specify | ( ) | ( ) | ( ) | |

9. OTHER COMMENTS

a. _____
b. _____
c. _____

Signed By

---

Name: Sheena Lee
Environmental Team's Representative

Signed By

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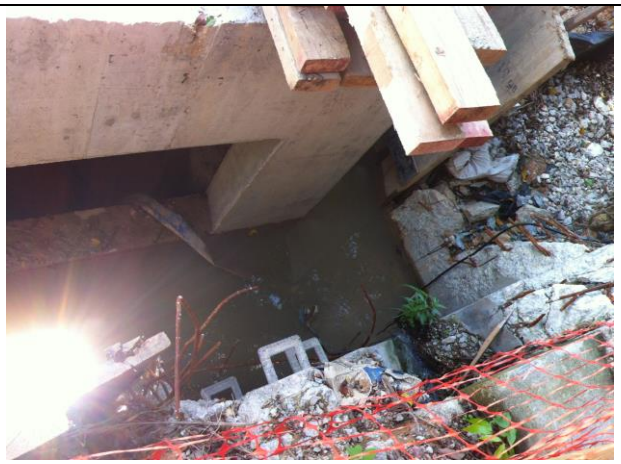
Name & Title: Wong Tak Wah, IOW
Engineer's Nominated Site Representative

**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. 14**
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

| **Deficiency Items Identified during Weekly Site Walk** | **Status after Rectification** |
|---|---|
|  |  |
| Item no. 3(p) | Rectified Date: 5/8/2014 |
| Description: Rain water has been trapped in excavated pit | Follow up Action Taken: Water in pit has been removed |
| Location: Shek Sheung River | |
| | |
|  |  |
| Item no. 3(p) | Rectified Date: n/a |
| Description: Desilting measures are no longer effective | Follow up Action Taken: Follow up action has yet to be taken |
| 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.15 (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 28/7/2014 Time 11:10am – 12:00 noon
Persons making the inspection:

| Name in Block Letters | Designation | Signature |
|---|---|---|
| 1. Brian Ho | Contractor's Agent (or his Representative) | |
| 2. Michael Wan | Environmental Officer (or Environmental Supervisor) | |
| 3. Wong Tak Wah | The Engineer's Nominated Site Representative | |
| 4. Desmond Lee | Environmental Team's Representative | |
| 5. Aloysius Wong | Landscape Architect | |
| 6. | | |
| 7. | | |
| 8. | | |

| Item No. | Location | Situation Requiring Follow-up Action | Agreed Due Date for Completion | Date Completed | Remarks |
|---|---|---|---|---|---|
| 1. | Shek Sheung River | Rainwater trapped in excavated pit | 4/8/2014 | | |
| 2. | Shek Sheung River | Desilting measures no longer effective | 4/8/2014 | | Issue found on 25/7/2014 |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |

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

The Engineer's Nominated Site Representative
Environmental Team's Representative
Contractor's Agent or his Representative
Landscape Architect

**Part II :** (To be countersigned after ALL actions are completed)
Contractor's *Environmental Officer/Assigned Person
Date
The Environmental Team's Representative
Date

**Civil Engineering and Development Department**
**Contract No. YL/2013/01**
**Contract Title: Cycle Track from Tuen Mun to Sheung Shui – Stage 1**
**Weekly Environmental Walk No.** 15
**(for Construction of Cycle Tracks and the Associated Supporting Facilities from Sha Po Tsuen to Shek Sheung River)**
**Environmental Inspection Checklist**

Date of Inspection: 28/7/2014 Time: 11:10am – 12:00 noon
Weather: ~~Sunny~~/Fine/~~Overcast~~/~~Drizzle~~/~~Rain~~/~~Storm~~/~~Hazy~~ Temperature: 32° °C
Wind: Calm/~~Light~~/~~Breeze~~/~~Strong~~ Humidity: ~~High~~/Moderate/~~Low~~
Locations: Shek Sheung River

Person(s) making the inspection:

| Name in Block Letters | Designation | Organisation |
|---|---|---|
| Brian Ho | Contractor's Agent | Sang Hing – Kuly Joint Venture |
| Michael Wan | Environmental officer | Sang Hing – Kuly Joint venture |
| Wong Tak Wah | The Engineer's Nominated Site Representative | URS Hong Kong Ltd. |
| Desmond Lee | Environmental Team Representative | URS Hong Kong Ltd. |
| Aloysius Wong | Landscape Architect | Terra Studio Ltd. |

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

| | 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 and correctly implemented | (✓) | ( ) | ( ) | |
| o. Other: Please specify | ( ) | ( ) | ( ) | |
| 7. Others | | | | |
| a. Existing trees and vegetation maintained and protected as required | (✓) | ( ) | ( ) | |
| b. Materials & plant kept way from existing trees and vegetation | (✓) | ( ) | ( ) | |
| c. Topsoil conserved and re-use in landscape works | (✓) | ( ) | ( ) | |
| d. Night-time lighting controlled to minimize glare | ( ) | ( ) | (✓) | |
| e. In situ compensation planting should occur at the Information Kiosk and R9 | ( ) | ( ) | (✓) | |
| f. Implementation of signage at the Resting Stations to indicate that wildlife may be present and that noise levels and activities should be kept to a minimum. | ( ) | ( ) | (✓) | |
| g. Others: Please specify | ( ) | ( ) | ( ) | |

9. OTHER COMMENTS

a. _____
b. _____
c. _____

Signed By

Name: Desmond Lee
Environmental Team's Representative

Signed By

(10/5)

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. 15**
**(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(r) | Rectified Date: |
| Description: Rain water has been trapped in excavated pit | Follow up Action Taken: |
| Location: Shek Sheung River | |
| | |
|  | |
| Item no. 3(r) | Rectified Date: |
| Description: Desilting measures are no longer effective | Follow up Action Taken: |
| Location: Shek Sheung River | |
| | |
| Item no. | Rectified Date: |
| Description: | Follow up Action Taken: |
| Location: | |