

Your Ref. :
Our Ref. : (CV/2012/09)/M45/231/(D00320)

By Post

4 December 2013

Mr. Charles Pang
Environmental Impact Assessment Ordinance Register Office
Environmental Protection Department
27/F, Southorn Centre,
130 Hennessy Road,
Wanchai, Hong Kong

Dear Sirs,

Contract No. CV/2012/09
Liantang/Heung Yuen Wai Boundary Control Point
Site Formation and Infrastructure Works – Contract 3

Waste Management Plan (EP No. EP-404/2011/A)

In accordance with Condition 3.2 of Environmental Permit (EP) No. EP-404/2011/A for the captioned Project, and on behalf of the Permit Holder, Civil Engineering and Development Department (CEDD), I submit herewith three copies of Waste Management Plan for the captioned Contract, together with the self-explanatory letters ref. TCS00670/13/300/L0094 dated 2 December 2013 from the Environmental Team Leader and ref.7076192/L14925/Ry/AB/AW/WM/rw dated 2 December 2013 from the Independent Environmental Checker, for your approval.

Should you have any queries, please contact my Resident Engineer Mr. Perry Yam at 2674 2273.

Yours faithfully,
For and on behalf of
AECOM Asia Co. Ltd.



Wong Chung Tat
Chief Resident Engineer

Encl.

cc	CEDD/BCP	- Attn: Mr. Chris Wong / Mr. Desmond Lam	(w/e)
	SMEC (IEC)	- Attn: Mr. Anthony Wong	(w/e)
	AUES (ET)	- Attn: Mr. T.W.Tam	(w/e)
	AECOM	- Attn: Mr. Francis Leong / Ms. Elaine Lam	(w/o)
	Chun Wo	- Attn: Mr. Daniel Ho	(w/o)

CTW
CTW/BH/PY/tps

Our Ref: TCS00670/13/300/L0094

AECOM
8/f Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin, Hong Kong

Attn: Mr. Kelvin Lee
Engineer's Representative

2 December 2013
By E-mail and By Post
Fax: 3922 9797

Dear Mr. Kelvin Lee,

**Re: Contract CV/2012/09 Liantang/ Heung Yuen Wai Boundary Control Point Site
Formation and Infrastructure Works – Contract 3
Waste Management Plan (Rev.1)**

I refer to the Waste Management Plan (Rev.1) submitted to us on 29 November 2013 by *e-mail*, please note that we have no adverse comment on this submission. We herewith certify the captioned submission accordance with *Condition 3.2* of Environmental Permit (EP) No. EP-404/2011/A.

Should you have any question or require further information, please feel free to contact the undersigned at Tel: 2959-6059 or Fax: 2959-6079 or E-mail: twtam@fordbusiness.com.

Yours sincerely,
For and on Behalf of

Action-United Environmental Services & Consulting



T. W. Tam
Environmental Team Leader
TW/nh/jk

cc SMEC (IEC) Attn: Mr. Antony Wong Fax: 3995-8101



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2 December 2013

Our ref: 7076192/L14925/R/AB/AW/WM/nw
Your ref:

AECOM
8/F, Grand Central Plaza, Tower 2
138 Shatin Rural Committee Road
Shatin
N.T.

By Email & Post

Attention: Mr Alan LEE

Dear Sirs

**Agreement No. CE 42/2012 (EP)
Liantang/Heung Yuen Wai Boundary Control Point and Associated Works
Independent Environmental Checker – Investigation
Waste Management Plan – Contract No. CV/2012/09 (Contract 3)**

Reference is made to the Waste Management Plan (WMP) received by email on 29 November 2013 for CV/2012/09 (Contract 3) certified by the ET Leader (ET's ref.: TCS00670/13/300/L0094 dated 2 December 2013). Please be noted that we have no adverse comments on the captioned submission. We herewith verify the captioned submission in accordance with Condition 3.2 of the Environmental Permit No. EP-404/2011/A.

Thank you for your attention and please do not hesitate to contact the undersigned on tel. 3995 8120 or by email to antony.wong@smec.com; or our Ms Winnie MA on tel. 3995 8138 or by email to winnie.ma@smec.com.

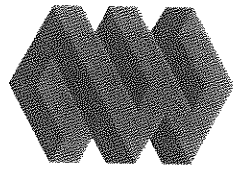
Yours faithfully
For and on behalf of
SMC Asia Limited



Antony WONG
Independent Environmental Checker

cc CEDD/BCP - Mr Pui Sang LI / Mr Eric CHAN by fax: 2714 0103
AECOM - Mr Pat LAM / Mr Perry YAM by email
Chun Wo - Mr Daniel HO by email
AUES - Mr TW TAM by email





俊和

CHUN WO

WASTE MANAGEMENT PLAN

FOR

CONTRACT No. CV/2012/09

LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL
POINT SITE FORMATION AND INFRASTRUCTURE

WORKS-CONTRACT 3

Issue No. : 2

Revision : 1

Date : 26 November 2013

Prepared by:

Environmental Officer

Mr. Sam LAM

Checked by:

Site Agent

Mr. Daniel HO

C2, 5/F, Hong Kong Spinners Industrial Building, 601-603 Tai Nan West Street.

Cheung Sha Wan, Kowloon, Hong Kong.

WASTE MANAGEMENT PLAN Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works-Contract 3 (LI/HYW BCP) Contract No. CV/2012/09	Revision: 1 Date: 26 November 2013
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ISSUE RECORD

<i>Rev.</i>	<i>Description</i>	<i>Date</i>
0	Issued to the Engineer for review	24 August 2013
1	For submission to EPD	26 November 2013

AMENDMENT RECORD

<i>Rev.</i>	<i>Description of Amendment</i>	<i>Date</i>	<i>Prepared by</i>

WASTE MANAGEMENT PLAN Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works-Contract 3 (LT/HYW BCP) Contract No. CV/2012/09	Revision: 1 Date: 26 November 2013
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1 INTRODUCTION

1.1 BACKGROUND

The Works under this Contract is one of connecting road and associated work of the Project Liantang/Heung Yuen Wai Boundary Control Point (LT/HYW BCP) which comprises the at-grade, viaducts and interchange connecting road to the existing Fanling Highway under Contract No. CV/2012/09.

1.2 SCOPE OF WORKS

The Works to be executed under this Contract mainly include the following items:

- (a) Construction of four link roads connecting the existing Fanling Highway and the south portal of the Lung Shan Tunnel and the associated noise barriers and civil provision of TCSS;
- (b) Realignment of existing Tai Wo Service Road West and Tai Wo Service Road East.
- (c) Construction of associated footpath, slopes, retaining structures, drainage, sewerage, waterworks, landscaping works and other ancillary works;
- (d) Highways' (HyD) Entrusted works along existing Fanling Highway including:
 - i. Construction of approximate 1km long two lane carriageway and reconstruction of the existing dual-three lane carriageway of Fanling Highway and a mini-roundabout (i.e. Roundabout A) and associated carriageways (i.e. Slip Road Y and Access Road A);
 - ii. Construction of 2 box culvert extensions (i.e. ID4 and ID5 box culverts) and the re-provisions of the adjoining footpath/maintenance access;
 - iii. Construction of new Kiu Tau Footbridge across Fanling Highway;
 - iv. Demolition of the existing Kiu Tau Vehicular Bridge and Kiu Tau Footbridge;
 - v. Construction noise barrier along widened Fanling Highway;
 - vi. Associated works including road drainage works, water works, civil provisions of TCSS, landscaping and retaining wall;
 - vii. Relocation of the Kau Lung Hung Valve Control & Telemetry House; and
 - viii. Associated environmental mitigation measures, and Environmental Monitoring and Audit (EM&A) programmes for the works.

1.3 PURPOSE OF THE PLAN

In accordance with SCC Clause 67 (2) of the Contract, Environmental Management Plan (EMP) shall be submitted prior to commencement of any work. This Waste Management Plan (WMP) forms part of Environmental Management Plan and shall be submitted prior to commencement of any works.

This WMP was prepared in accordance with the contract requirements and ETWB TC(W) No. 19/2005 Environmental Management on Construction Site. It provides details to present an optimized spoil

WASTE MANAGEMENT PLAN

Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure
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management and disposal strategy. CW will ensure that all waste materials will be avoided and minimized firstly by sorting the suitable recyclable materials from all other waste materials, all remaining waste materials to be disposed of shall be handled in a controlled, safe and efficient manner in compliance with the Government's Ordinances, regulations and guidelines and any subsequent revisions, amendments or additions thereto, without detrimental effects to the environment and public.

The major objectives of the WMP include:

- Providing details of all relevant statutory and contractual obligations and requirements;
- Identifying wastes generation during the project;
- Formulating specific waste management measures;
- Setting out the audit and monitoring regimes; and
- Identifying the need of training and promotion then set up training schedules.

WASTE MANAGEMENT PLAN


Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure
Works-Contract 3 (LT/HYW BCP)
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2 WASTE MANAGEMENT POLICY

Chun Wo has established the Waste Management Policy for the Project. It outlines the principles and commitment in relation to the overall waste management performance and provides a framework for action and for the setting of waste management objectives and targets for waste management.

Figure 2.1 Waste Management Policies



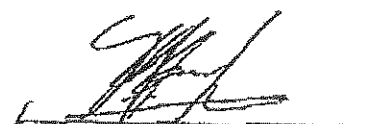
WASTE MANAGEMENT POLICY

Chun Wo's waste management objectives are to prevent environmental pollution, reduce waste and enhance waste recycling from our operations through the implementation of Waste Management System.

Chun Wo is committed to: -

- Provision of adequate and appropriate resources to implement this policy;
- Compliance with environmental laws and other relevant requirements;
- Setting environmental objectives and targets that lead to environmental improvement in waste minimization and reduction;
- Conservation of natural resources and prevent wastage;
- Minimization of pollution by avoiding creating waste, maximizing beneficial reuse and recycling of material;
- Promoting environmental awareness of employees at all levels through the provision of appropriate advocacy, education and training;
- Communication of this policy to all employees and interested parties; and
- Implementation of actions to prevent environmental pollution and to improve environmental performance continuously.

All employees, subcontractors and suppliers are required to implement this policy diligently. This policy will be reviewed regularly in light of experience, feedbacks, current regulations and legislation.



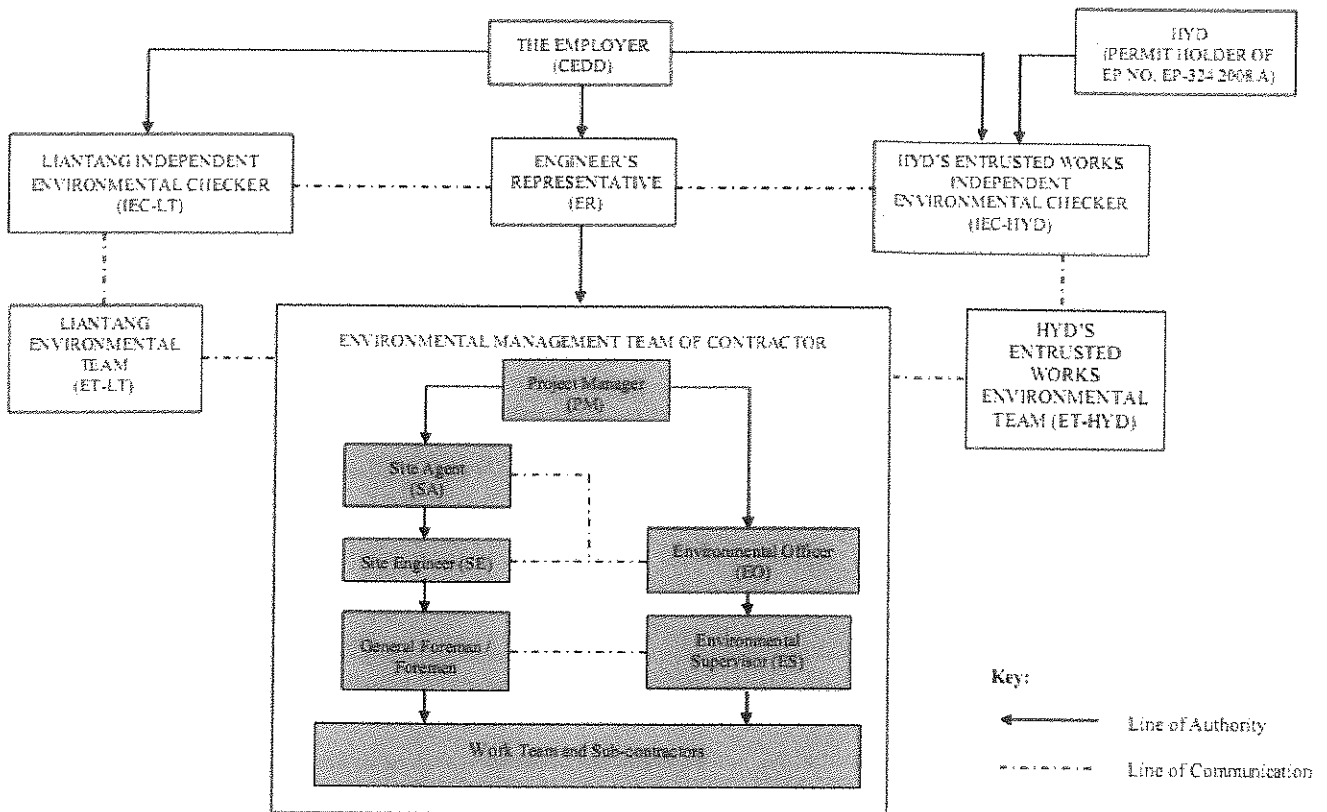
Mr. Clement Kwok
Managing Director
10 June 2004

3 ENVIRONMENTAL MANAGEMENT ORGANIZATION

3.1 PROJECT ORGANIZATION

Chun Wo has set up an Environmental Management Team for the Contract to ensure compliance with the Project's environmental performance requirements during construction. The Environmental Management Team of Contractor will report to the Engineer's Representative (ER) of the Project and work closely with the Environmental Team Leader (ET), independent Environmental Checker (IEC) of the Project. The proposed Project Organization and lines of communication with respect to environmental protection works of different parties are shown in Figure 3.1.

Figure 3.1: Organisation Structure for Environmental Management Team of Contractor



3.1.1 Contractor

The contractor will report to the ER. Duties and responsibilities of Chun Wo are:

- a. Implement the environmental protection requirements of the Contract;
- b. Provide assistance to the ET regarding works activities which may contribute to the generation of adverse environmental conditions;
- c. Submit proposals on mitigation measures in case of exceedances, deficiencies and/or complains; and

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- d. Implement measures to reduce environmental impacts until the events are resolved.

Project Manger (PM)

The PM will have the following duties in relation to waste management;

- a. Ensuring works are executed in accordance with the WMP or recommendations made by the Independent Environmental Checker, Environmental Team, Mass Transit Railway Corporation (MTRC) and other governmental parties;
- b. Providing necessary resources for waste management implementation;
- c. Ensuring follow-up actions are properly undertaken in the event of non-compliance; and
- d. Ensuring complaints are handled properly.

Site Agent (SA)

The SA will have the following duties in relation to waste management:

- a. Assisting PM in the implementation of WMP;
- b. Monitoring and controlling the works including those of subcontractors to ensure compliance with specified requirements;
- c. Ensuring appropriate environmental protection and waste management procedures are properly implemented;
- d. Handling any complaints received; and
- e. Supervising and arranging the maintenance of waste management facilities;
- f. Attend regular inspection if necessary.

Environmental Officer (EO)

The responsibilities of EO are as follows:

- a. Preparing the project specific WMP, to be reviewed by the PM/SA and subsequently submitted to ER for approval;
- b. Liaising and coordinating with the ET, IEC and ER, if necessary;
- c. Preparing specific training with regard to the WMP to supervisory staff as well as sub-contractors' employees;
- d. Reporting to the Construction Manager regarding non-compliance of any waste management issues;
- e. Liaising with licensed chemical waste collector to collect chemical waste produced on site.
- f. Promoting awareness of the objectives and measures of the WMP by means of on-site bulletin board and posters; and
- g. Verifying and investigating the complaints received;
- h. Attend the regular site inspections if necessary.

The EO will be assist by the ES for the implementation of WMP.

Site Engineer (SE)

The SE will have the following duties in relation to waste management:

- a. Assisting PM/SA in the implementation of WMP;
- b. Controlling works including those of subcontractors to fulfill the requirement of waste management issue;
- c. Reporting to the SA any non-compliance in relation to waste management;
- d. Ensuring that the workforce and subcontractors are aware of their responsibilities in implementing WMP and see that they observe accordingly;
- e. Maintaining the on-site waste management facilities including, waste sorting and storage area, etc.; and
- f. Carrying out remedial actions or mitigation measures to rectify non-compliance.

General Foreman (GF) and Foreman (F)

The GF/F shall have the following duties in relation to environmental protection control:

- a. Assisting EO in the implementation of WMP;
- b. Controlling works including those of subcontractors to fulfill the requirement of environmental protection issues;
- c. Reporting to the EO any non-compliance of environmental protection and mitigation measures;
- d. Maintaining the on-site environmental protection facilities;
- e. Checking truck carrying C&D materials entering to and leaving from the site;
- f. Carrying out remedial actions or mitigation measures to rectify non-compliance; and
- g. Controlling the use and generation of chemical waste of the project.

Environmental Team (ET)

The ET shall have the following duties in relation to environmental protection control:

- a. Monitor the various environmental parameters as required in the EM&A Manual;
- b. Liaison with IEC, Contractor and ER on all waste management performance matters, and timely submission of all relevant EM&A proforma for approval;
- c. Adhere to the procedure for carrying out complaint investigation in accordance with EM&A Manual;
- d. Attend the regular site inspection and meeting if necessary.

Subcontractor other employees

All subcontractors and their employees should have the duties to perform the agreed site waste management practices as instructed by the Contractor's project management. They will report to the project management promptly for any non-compliance on waste management practices. All the On-Site Foreman of each subcontractor will be responsible for giving verbal instructions to their own labour force.

4 ENVIRONMENTAL LEGISLATIONS AND GUIDELINES

The following legislation covers or have some bearing upon the handling and disposal of wastes in Hong Kong, and will be used as the criteria:

- Waste Disposal Ordinance and its subsidiary regulations;
- Waste Disposal (Chemical Waste) (General) Regulation;
- Public Health and Municipal Services Ordinance – Public Cleansing and Prevention of Nuisances Regulation; and,
- Land (Miscellaneous Provisions) Ordinance.

In addition, the Contractor will refer to and comply with the following waste-related legislations/ guidelines:

- Dumping at Sea Ordinance;
- Dangerous Goods Ordinance;
- Environment, Transport and Works Bureau Technical Circular No. 19/2005 – Environmental Management on Construction Site;
- CEDD Technical Circular No. 05/2005 – Management of Construction and Demolition Materials;
- Development Bureau Technical Circular No. 6/2010 – Trip-ticket System for Disposal of Construction and Demolition Material;
- Works Bureau Technical Circular No. 12/2002 – Specifications Facilitating the Use of Recycled Aggregates;
- Works Bureau Technical Circular No. 06/2002A – Enhanced Specification for Site Cleanliness and Tidiness;
- Works Bureau Technical Circular No. 06/2002 - Enhanced Specification for the Site Cleanliness and Tidiness;
- Works Bureau Technical Circular No. 19/2001 – metallic Site Hoardings and Signboards;
- Works Bureau Technical Circular No. 12/2000 – Fill Management;
- Works Bureau Technical Circular No. 04/1998A – Use of Public Fill in Reclamation and Earth Filling Projects;
- Works Bureau Technical Circular No. 04/1998 –Use of Public Fill in Reclamation and Earth Filling Projects;
- Works Bureau Technical Circular No. 16/1996 – Wet Soil in Public Dumps;
- Works Bureau Technical Circular No. 02/1993B – Public Filling Facilities;
- Works Bureau Technical Circular No. 02/1993 – Public Dumps;
- Works Bureau Technical Circular No. 32/1992 – The Use of Tropical Hardwood on Construction Sites;
- A Guide to the Registration of Chemical Waste Producers;
- A Guide to the Chemical Waste Control Scheme; and
- Code of Practice on the Packaging, Labeling and Storage of Chemical Wastes.

WASTE MANAGEMENT PLAN Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works-Contract 3 (LT/HYW BCP) Contract No. CV/2012/09	Revision: 1 Date: 26 November 2013
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4.1 LICENCE AND CONTRACT REQUIREMENTS

Construction Waste Disposal

A Disposal Billing Account under the Construction Waste Charging Scheme will be opened from the EPD.

The contractor will apply for the aforesaid billing account within 21 days upon contract awarded, and register as a Chemical Waste Producer at commencement of construction of works.

Chemical Waste Producer Registration

A 'Chemical Waste Producer' registration with the EPD will be made to ensure the suitable packaging, proper labeling and storage of chemical waste generated from construction sites.

Contract specific **Site Management Plan of Trip Ticket System** shall be submitted separately for verification by the ET and IEC, and approval of ER and EPD.

4.2 OTHER PROJECT SPECIFIC REQUIREMENTS AND GUIDELINES

- Environmental Permit EP-404/2011/A: Liantang/ Hung Yuen Wai Boundary Control Point and Associated Works;
- EIA Report and EM&A Manual – Liantang/ Heung Yuen Wai Boundary Control Point and Associated Works (AEIAR-161/2011);
- Environmental Permit EP-324/2008/A: Widening of Tolo Highway/ Fanling Highway between Island House Interchange and Fanling; and
- EIA Report and EM&A Manual – Widening of Tolo Highway/ Fanling Highway between Island House Interchange and Fanling (AEIAR-037/2000)

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5 WASTE MANAGEMENT MEASURES

5.1 WASTE MANAGEMENT HIERARCHY

The Contractor will implement appropriate waste management practices according to the nature and category of wastes arising. Waste management options will be selected according to the widely accepted hierarchy shown by Table 5.1 below.

Table 5.1 Waste Management Hierarchy

Avoidance and minimisation	Avoid and minimise waste through changing or improving practices and designs.	 Highest Priority Lowest Priority
Reuse of materials (with limited reprocessing)	Reuse construction waste with only limited reprocessing such as uncontaminated soil, wooden planks, metals and other materials in other construction works or process.	
Recovery and Recycling (may require reprocessing)	Undertaking on site or off site recycling.	
Treatment	Offsite destruction and detoxification etc, of wastes into less harmful substances.	
Disposal	Release of wastes to designated areas properly so as to render them harmless.	

5.2 POTENTIAL WASTE GENERATION

Waste generated from the construction works including site clearance, construction for concreting, steelwork fabrication and installation, E&M installation, workforce waste etc. The following types of waste are likely to be generated during these activities:

- a. Inert Construction and Demolition (C&D) Material (e.g. rock, rubble, boulder, earth soil, sand, concrete, asphalt, brick, tile, masonry or used bentonite)
- b. Non-inert material;
 - ◆ General refuse
 - ◆ Recyclable material (e.g. metal, plastic, paper, timber)
 - ◆ Chemical waste;

5.3 WASTE MINIMISATION MEASURES AND GOOD SITE PRACTICE

Good management and site practice can prevent the overall generation of waste. Waste reduction is best achieved at the planning and design stage as well as by ensuring the implementation of good site practice. The good site management to be adopted will include:

General

- a. Ordering the correct raw materials at the correct time and the recording of materials flow to minimize over ordering. The construction materials will be stocked carefully to prevent damage or contamination. During the works, only the exact quantity of materials will be collected and if necessary, any surplus will be returned to stock after consideration of its use;
- b. Maximizing the utilization of maximising the unnecessary cutting such that off-cuts will be used when short lengths or a small quantity of materials are required;
- c. A preference for reusable non-timber formwork such as steel formwork or plastic facing;
- d. Sorting of all excavated / demolition materials to recover the inert portion (e.g. soil and broken rock) for reuse on site whenever possible or disposal to designed outlet (e.g. public filling areas). Recover all metal, plastic, cardboard and paper on site and properly stockpile them in dry and clean conditions for later collection by recycling contractors;
- e. Segregation and storage of constituents of C&D materials in appropriate containers, skips or stockpiles to enhance the opportunity for reuse and recycling of materials or their proper disposal. Sufficient protective measures provided in the storage area for sorting to avoid damage or contamination;
- f. Encourage the collection of aluminium can, paper waste and plastic bottles by site staff, and provide separately labeled bins to segregate these wastes from other general refuse arising from the work force;
- g. Provision of a designated waste working team to collect the refuse on site regularly;
- h. The removal of all other un-reusable C&D materials off site as soon as practicable in order to optimize the use of the on-sites storage space.
- i. Implement an effective trip ticket system to ensure that the C&D wastes are disposed of at the designated disposal areas so as to prevent fly tipping. The assigned persons at the entrance will ensure only dump trucks with duly completed CHIT can leave the site. Wherever practicable, weighing equipment will be provided at the site entrance to accurately record the amount of C&D materials transported off site. The trip-tickets, with valid stamp from an agreed dumping/ filling location, will be collected upon return and appropriately filed in the site records;
- j. During the storage and transportation of waste, a tarpaulin covering or enclosed containers will be used to minimize fugitive dust emission;
- k. Unused chemicals or those with remaining functional capacity will be retained for reuse. The chemicals will be separated for special handling and appropriate treatment at the Chemical Waste Treatment Centre (CWTC) or others authorized by EPC;
- l. The setting up of special control measures to regulate storage, labeling, transport and the disposal of classified chemical waste such as point residues, lubricants or other oil wastes by a licensed collector to CWTC.
- m. The regular recording of waste reused, recycled or disposed of should be recorded regularly. The yearly and monthly waste flow tables shall be kept updated to reflect the actual generation of waste;
- n. Chun Wo will carefully consider the proper planning and construction methodology for minimized the

waste generation during the works and study the available opportunity to reduce waste arising. Good work planning will not only result in a better estimation of materials required for the works but will also contribute to the performance of the works in the first instance so as to avoid abortive activity.

Inert C&D Materials

In order to minimize the amount of excess excavated material to be delivered to public fill facilities, the priority for the management options of excess excavated material will be as followings:-

- Suitable excavated material will be stored for backfilling purposes;
- Excess excavated material will be transported to other projects for reuse as approved by the Engineer's Representative; and
- Only the amount of excavated material remaining after reuse as described under items a. and b. above will be transported to the public fill facilities.

Timber Waste

The Contractor will avoid, reduce and minimize the use of timber in temporary works construction. Where the timber is used for this for this purpose or for one process/ activity with an estimated quantity exceeding 5m³, The Contractor will submit method statement to the ER for agreement prior to the commencement of the works.

Description, justification and the estimated quantity for every work process/ activity requiring the use of timber for temporary works construction will be documented in from of summary table (see **Appendix B**) which will be updated and submitted monthly to the ER by the EO together with the monthly summary WFT for the purpose of ongoing monitoring and review. When timber waste has arisen on site, it will be sorted and collected daily by an assigned work team and will be stored in a designated storage area for subsequent use or collection by recycling contractors.

Metal Wastes, Plastic Wastes, Cardboard and Package

The Contractor will avoid and reduce this kind of waste during the design, planning and construction process. All the waste will be considered for re-use in temporary or minor works on site. When these wastes have arisen on site, it will be sorted and collected daily by an assigned work team and stored in a designated storage are for subsequent use or collection by recycling contractors.

General Refuse and C&D Waste

Non-recyclable, non-inert C&D materials, i.e. C&D wastes, and general refuse, which mainly consists of fool waste, aluminium cans and waste paper, will be generated from construction activities, workers and the site office.

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The C&D waste will be temporarily stored and containers or skips with operable doors will be provided for temporary waste storage to prevent odour, pest and windblown litter. The containers or skips will be located at a demarcated area.

Recycled paper will be used for the Project. Usage of recycled paper will be further reduced by printing all documents, submissions and letters on both sides. Use of soft copy document instead of hard copy document is also encouraged. Printing of colour instead of hard copy document is also encouraged. Printing of colour document is discouraged except it is absolutely necessary. Sacks for waste paper and baskets for reusable papers will be provided in the Site office. Further waste management will be implemented, if necessary.

General refuse including food and domestic waste will be stored in enclosed bins or compaction units separate from the construction and chemical wastes. Lunch boxes, plastic bins for subsequent recycling. Reputable recycle contractors will be employed to collect recyclable materials. The amount of waste to be recycled will be recorded, controlled and monitored through the maintenance of WFT.

5.4 CHEMICAL WASTE

For chemical waste produced by a process, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, a 'Chemical Waste Producer' registration will be made with EPD.

Chemical wastes are likely to be generated during maintenance of plant and equipment and these may include spent filter cartridges containing heavy metals, spent batteries, and used mechanical oil, leaning fluid, spent solvent, lubricating oil and paints and paint containers.

All chemical wastes generated on site will be stored and labeled in accordance with the *Code of Practice on the Packaging, Labelling and Storage of Chemical Waste* published by EPD. All workers involved in the handling of chemical waste will be trained properly and will be provided with appropriate protective clothing.

The sorting and segregation of chemical waste will be carried out on site to ensure the waste is appropriately handled, labeled and treated prior to disposal off-site. The recoverable chemical wastes such as oil, paint and solvent, will be separated from other chemical wastes and an EPD licensed chemical waste collector will be employed to collect the chemical waste.

5.4.1 Storage of Chemical Waste

Chemical waste will be stored at designated storage areas. The containers to be used for the storage of chemical waste will:

- Be suitable for the substance they are holding, resistant to corrosion and be maintained in a good condition

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and kept securely closed;

- Have a capacity of less than 450L unless the specifications have been approved by the EPD; and,
- Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations.

The storage area for chemical waste will:

- Be clearly labeled and used solely for the storage of chemical waste;
- Be enclosed on at least three sides;
- Have an impermeable floor and be bunded to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is greater;
- Have adequate ventilation;
- Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed as chemical waste if necessary);
- Be arranged so that incompatible materials are adequately separated.

5.4.2 Disposal of Chemical Waste

A licensed waste collector will be employed to deliver the chemical waste to the Chemical Waste Treatment Centre in Tsing Yi or others authorized by EPD. The trip ticket system will be strictly implemented to ensure the chemical waste is transported by and to proper agents. Trip tickets issued for every chemical waste collection will be retained and filed for future reference and inspection,

5.4.3 Waste Collecting Facilities

Waste collecting facilities will be provided on site to facilitate on-site sorting, collection and temporary storage of waste materials, which include:

- Designated area for temporary storage of Inert C&D Material;
- Designated area for temporary storage of C&D Material;
- Recycling cages for collection of waste papers, cans and plastic bottles; and
- Designated storage area for chemical waste.

5.4.4 On-Site Sorting

Sufficient space will be provided to accommodate the separation of inert and non-inert materials and a unique access checkpoint with security control. The SA / Foreman will manage the on site sorting facilities and promptly remove all the sorted and processed materials arising from or in connection with the works from the site to minimize the extent of temporary stockpiling on the site. The categories of C&D materials to be sorted within the on site sorting facilities include:

- Hard rock and large broken concrete suitable for reuse on the Site or recycling at a designated location;
- Asphalt Material;

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- Metals;
- Payer/ cardboards; and,
- Materials suitable for disposal at public fill reception facilities, sorting facilities and landfills.

Following the sorting of these wastes, they will be sent separately for reuse and recycling, processing.

Other than large on-site sorting facilities, the Contractor will provide separate refuse and recycling bins to collect different types of refuse generated by the site office and the workforce. These will include bins to collect general refuse such as food waste and recycling bins to collect waste paper separately, plastic bottles and aluminium cans. These bins will be provided in common areas where the wastes are commonly generated such as site offices, workshops and other site accommodation areas for the workers.

5.5 WASTE RECORDING SYSTEM

The Contractor will record the quantities of C&D materials that have been generated each month by making use of the "Waste Flow Tables" (WFT). The monthly summary of WFT will be updated on a monthly basis to record the flow of actual C&D waste quantities. The annual generation of C&D materials covering the whole construction period will be estimated by preparing and updating the yearly summary of WFT. The Contractor will update the yearly summary WFT on a half-yearly basis for submission to the ER. Such updating will include amendment of the estimated quantities following a programme or work plan change and the actual quantities recorded.

5.6 DISPOSAL SITE

5.6.1 Inert C&D Waste

Inert C&D materials (e.g. rock, rubble, surplus soil) excluding slurry and bentonite shall be disposed to public fill bank, Tuen Mun Area 38 Fill Bank 9TMA38) according to the Contract, and will be broken down to a size less than 250mm according to Dumping Licence conditions prior to disposal. Wet soil / spoil with free water or a liquid content of over 70% and other materials such as marine mud, pond mud, household refuse, plastic, metal, industrial and chemical waste matter etc. will not be loaded into the dump truck for disposal in this way.

If wet soil / spoil arise from the construction works, a designated area will be allocated for temporary storage so as to allow sufficient time to dry the wet soil / spoil prior to disposal.

The Asphalt Material will be sorted on the site and delivered separately from other inert materials.

Slurry and bentonite will be disposed to Tseung Kwan O Area 137 Fill Bank (TKO137) according to the Contract.

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5.6.2 Non-inert C&D Waste

The general refuse and the non-recyclable C&D waste will be collected and disposed of on a regular basis to minimize the likelihood of odour, pests and litter. They will be transported and disposed of by a licensed waste haulier to NENT Landfill or other disposal outlets as approved by the ER.

Rubbish bins with covers will be provided on site for collection and disposal of general wastes generated by workers throughout the Contract. The rubbish bins will be provided in pairs, one for aluminium cans & plastic bottles and the other one for general refuses. The rubbish bins will be placed at convenient locations close to the workers' workplace to facilitate use.

Chun Wo shall ensure the materials disposed of at public fill, sorting facilities and landfill, complying with their respective requirements under *Schedule 6 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap.354)*. This will be controlled by the assigned Foreman / SE during the earthwork operations and further verified at the exit checkpoint by Foreman / SE before the trip ticket is issued for each truck.

5.7 TRIP TICKET SYSTEM

A Site Management Plan with Trip Ticket System (TTS) shall be submitted for approval of ER within 45 days from the letter of acceptance.

For the transportation of public fill facilities, C&D wastes, chemical wastes and the recycling materials, the Contractor will implement and comply with the requirements of the Trip-Ticket System stipulated in *Development Bureau Technical Circular No. 6/2010*.

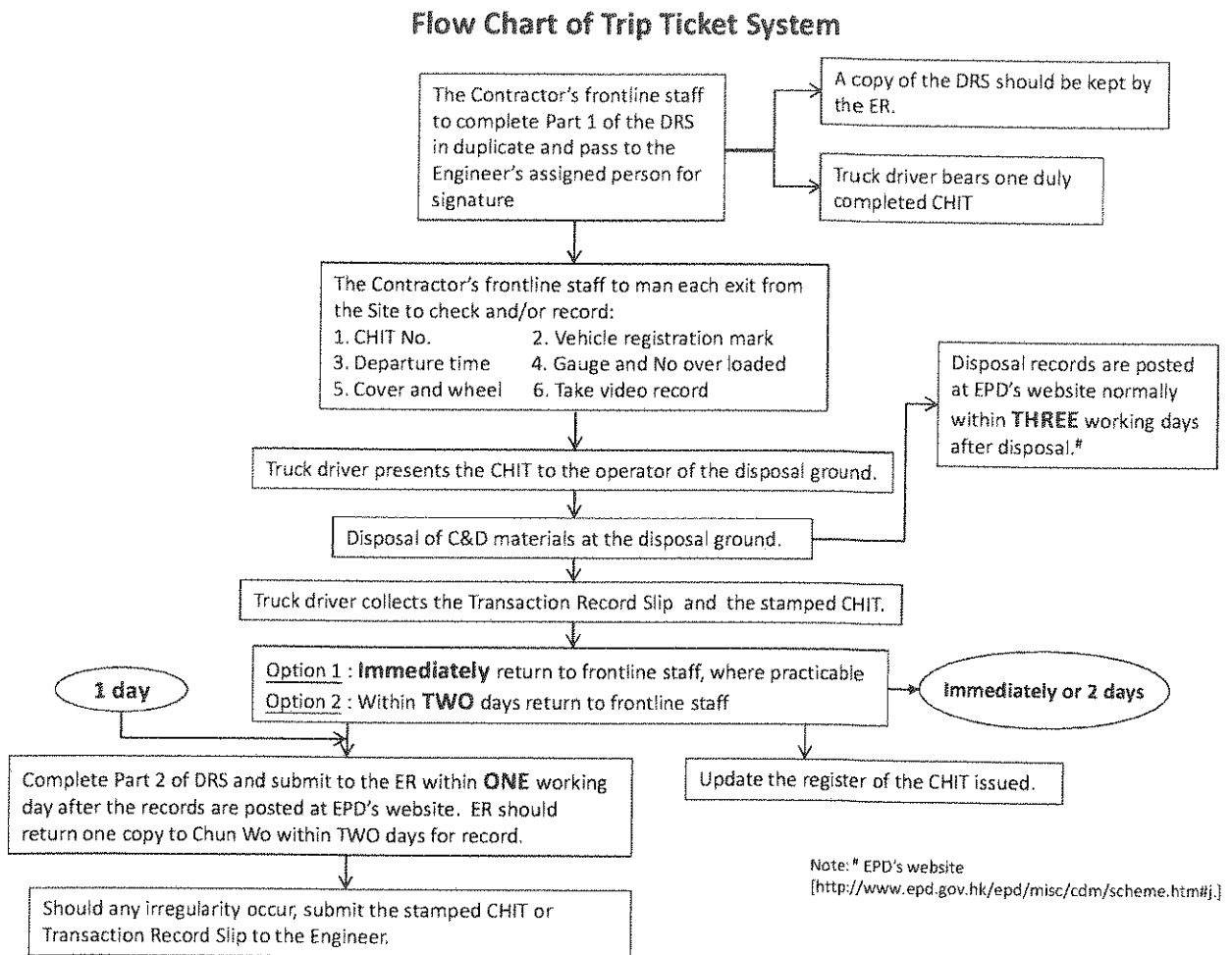
Each vehicle load of public fill or C&D waste transported off-site will be accompanied by CHIT (part B&C). When a loaded truck intends to leave the site, the part A of CHIT would be retained by the Contractor. The assigned person will register all CHITs for subsequent monitoring of the return of the trip ticket after the load has been disposed of.

For each vehicular trip, the truck driver presents the CHIT (part C) to the operator of the Designed Public Fill Facility / Landfill Site prior to disposal of the C&D materials. The truck driver collects the transaction record slip and the stamped CHIT (part B) from the operator.

The Contractor shall complete the daily record of disposal of C&D material including details of the C&D materials, the truck number, departure time etc, and submit to the ER within one working day after the record are posted at the EPD's website.

Details of the trip ticket system for disposal of the C&D materials are outlined in the flow chart as shown on Figure 5.1.

Figure 5.1: Flow Chart of Trip Ticket System for Disposal of C&D Materials



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6 WASTE MONITORING AND AUDIT

6.1 INSPECTION PROGRAMME

The Foreman is accountable for the site tidiness. House keeping work will be carried out daily and a 'Daily Housekeeping Checklist' is used for the inspection.

The PM, SA, EO and site supervisory staffs are responsible for conducting a weekly inspection of waste management performance. The inspection will be attended by representatives from both Chun Wo and the ER to ensure any deficiencies arising are properly addressed and rectified. Such inspection can be conducted along with the environmental/ safety walks using a comprehensive checklist. During the inspection, the principles of waste management set out in this WMP including, but not limited to, the following will be verified as follows:

- Inert C&D materials suitable for recycling into aggregates are being recovered and delivered to the designated public fill facilities as notified by the Architect;
- A licensed waste collector is employed to transport and dispose of the chemical wastes;
- Appropriate sequential demolition is being employed to facilitate recovering reusable and recyclable materials;
- The trip ticket system is being implemented satisfactorily for recording C&D materials;
- Timely submission of Waste Flow Tables and Trip Tickets to the Engineer;
- On-site sorting of C&D materials is being properly carried out to recover inert C&D materials and reusable materials before disposal;
- Paper, cardboard packaging, and materials including aluminium cans are being recovered and collected by recycling contractors; and,
- Plastic bottles/ containers or plastic sheets / foam from packaging are being collected for recycling.

In the event of there being any defects or deficiencies identified during site inspection, the PM, SA or EO will record and request that the relevant supervisory staff follow up with remedial actions by an agreed date. These findings together with the follow up actions will be entered in a summary table, which will be agreed and signed by both the PM and the Architect.

A copy of the summary table of follow up actions will be submitted to the Architect for monitoring the progress of rectification. The original summary table will be attached to the comprehensive checklist for the next inspection to verify the progress of the follow-ups. The PM will initiate the rectification actions and report the status to the Architect before the forthcoming weekly inspection.

6.2 CORRECTION AND PREVENTATIVE ACTION

Any identified deficiencies or defects shall be recorded by ET during the weekly site inspection. A checklist

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regarding the findings of weekly inspections including any deficiencies or defects shall be sent to contractor for their promptly follow up action.

The Environmental Officer will be responsible for handling and investigating non-conformances. Corrective and preventive action, which is appropriate to the magnitude of problems and commensurate with the environmental impact, shall be taken to eliminate the causes of actual and potential non-conformances. The corrective action shall be subsequently monitored and reviewed by ET to ensure that it is taken and is effective. All investigation results and actions taken shall be documented.

(END)

APPENDIX A

- Waste Flow Table

PS Appendix 1.27

Monthly Summary Waste Flow Table

(PS Clause 1.99)

Name of Department: CEDD

Contract No.: CV/2012/09

Monthly Summary Waste Flow Table for ____ (year)

Month	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated (in '000m ³)	Hard Rock and Large Broken Concrete (in '000m ³)	Reused in the Contract (in '000m ³)	Reused in other Projects (in '000m ³)	Disposed as Public Fill (in '000m ³)	Imported Fill (in '000m ³)	Metals (in '000)	Paper/ cardboard packaging (in '000kg)	Plastics (see Note 3) (in '000kg)	Chemical Waste (in '000kg)	Others, e.g. general refuse (in '000m ³)
Jan											
Feb											
Mar											
Apr											
May											
June											
Sub-total											
July											
Aug											
Sept											
Oct											
Nov											
Dec											
Total											

Forecast of Total Quantities of C&D Materials to be Generated from the Contract*										
Total Quantity Generated (in '000m ³)	Hard Rock and Large Broken Concrete (in '000m ³)	Reused in the Contract (in '000m ³)	Reused in other Projects (in '000m ³)	Disposed as Public Fill (in '000m ³)	Imported Fill (in '000m ³)	Metals (in '000 kg)	Paper/ cardboard packaging (in '000kg)	Plastics (see Note 3) (in '000kg)	Chemical Waste (in '000m ³)	Others, e.g. general refuse (in '000m ³)

Notes:

- (1) The performance targets are given in PS Clause 6(14).
- (2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
- (4) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m3.

APPENDIX B

- Summary Table of Timber Usage

PS Appendix 1.28

**Summary Table for Work Processes or
Activities Requiring Timber for Temporary Works**

(PS Clause 1.99)

PS Appendix 1.28

SUMMARY TABLE FOR WORK PROCESSES OR ACTIVITIES REQUIRING TIMBER FOR TEMPORARY WORKS
(PS Clause 1.99)

Contract No.: _____

Contract Title: _____

Item No.	Description of Works Process or Activity [see note (a) below]	Justifications for Using Timber in Temporary Construction Works	Est. Quantities of Timber Used (m ³)	Actual Quantities used (m ³)	Remarks
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
Total Estimated Quantity of Timber Used					

- Notes: (a) The Contractor shall list out all the work items requiring timber for use in temporary construction works. Several minor work items may be grouped into one for ease of updating.
- (b) The summary table shall be submitted to the *Architect/Engineer's Representative monthly together with the Waste Flow Table for review and monitoring in accordance with the PS clause 25.24(11).

APPENDIX C

- Site Inspection Check List

Contract No.: CV/2012/09
Contract Title: Liantang / Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works – Contract 3

Environmental Inspection Checklist

Inspection Date: _____ Time: _____ Site: _____
 Inspected By: _____ Checklist No.: _____
 Weather: _____ Temperature: _____ Humidity: _____

Environmental

ITEMS	RESULT			REMARK (ACTION REQUIRED)	CASE CLOSED Y/N
	YES	NO	NA		
AIR QUALITY					
Are hoarding not less than 2.4m high provided along the length of the site boundary which adjoins an area accessible to the public?					
Is scaffolding totally enclosed over the full height by an effective dust screen?					
Is any skip or hoist for material transport totally enclosed by impervious sheeting?					
Are all debris chutes enclosed by impervious sheeting?					
Is Form NA available for inspection?					
Haul Road and Traffic					
Are haul roads with regular traffic paved with hard surfaces?					
Are site vehicles travelling within the speed limit of 8 km/hr?					
Are the haul roads sprayed regularly with water so as to keep surface wet and avoid dust nuisance?					
Are dusty materials transported on trucks covered by impervious sheeting and loaded to a level within the side and tail boards when leaving the site?					
Are vehicles and equipment switched off while not in use?					
Vehicle Washing Facility					
Is a vehicle washing facility including a high pressure water jet provided at each vehicle exit point/site entrance?					
Is the access road between vehicle washing facility and exit point /site entrance paved?					
Do vehicles have their wheels washed when leaving the site?					
Are sand and silt removed from the vehicle washing facility regularly?					
Is the access road kept clean and free from dust and mud? (including any portion of road within 30m from the site exit)					
Dust Generating Activities and Materials					
Are exposed earth properly treated by compaction, hydroseeding or sealing within 6 months after the last construction activity on that part of the construction site?					
Is water sprayed immediately before, during and immediately after any excavation or earth moving operation?					
Is water sprayed or dust extraction and filtering device installed during the drilling, cutting and polishing operations?					
Are there any enclosures around the dust-generating activities?					
Is debris sprayed with water before being dumped into the chute?					
Are stocks of more than 20 bags of cement or PFA covered entirely by impervious sheeting or placed in an area sheltered on the top and three sides?					
Are any excavated dusty material or stockpile of dusty material either covered entirely by impervious sheeting or sprayed with water?					
Is a compressed air jet not used for cleaning purposes?					
Is open burning observed?					

NOISE					
Is the CNP displayed at all times near the site entrance for inspection according to the conditions specified in it?					
Are construction activities (e.g. concreting) well planned to avoid working within the period of restricted hours?					
Are the construction works scheduled to minimize noise nuisance?					
Are the works or equipment sited at distance away from NSRs to minimize noise nuisance?					
Plants and Equipment					
Do all air compressors have valid noise emission labels?					

Do all hand-held breakers have valid noise emission labels?					
Are equipment turned off while not in use or throttled down?					
Is air compressor or generator operating with doors closed?					
Are the plants and equipment well maintained and in good operating condition that no black smoke emits?					
Are silenced equipment used wherever possible?					
Are powered mechanical equipment covered or shielded by appropriate acoustic materials?					
Are noise enclosures, noise barriers or portable noise barriers used where necessary?					
Are the Permit-to-Work system (NCMS) implemented on-site?					

WATER QUALITY					
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Is wastewater discharge licence available for inspection?					
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Construction Site Runoff					
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Do drainage system have sufficient temporary ditches, drainage pipes or culverts for collection of site runoff?					
Do permanent drainage channels have sediment basins or sand traps?					
Is the drainage system maintained well and inspected regularly?					
Are there any oil interceptors installed in the drainage system for treatment of oil-containing wastewater?					
Are there any sedimentation tanks with adequate capacity for treatment of site runoff prior to discharge?					
Are silt and sand from the sedimentation tanks removed regularly?					
Is the treated effluent complied with the discharge standard (e.g. total suspended solids)?					
Is there not any untreated wastewater directly discharged from the site?					

Construction Activities					
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Are exposed slope surfaces covered by impervious sheeting?					
Are there any dykes or sandbags to surround areas of earthworks or exposed slope for flood protection?					
Are spent bentonite slurries or grouts collected and disposed of properly?					

Wastewater from Site Facilities					
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Is wastewater from the vehicle washing facility treated properly before discharging into the drainage system?					
Is wastewater from toilets collected to foul sewer or temporary sewage storage tank?					
Are chemical toilets provided?					
Are grease traps provided to treat wastewater from kitchens or canteens?					
Are oil and grease removed regularly?					

WASTE MANAGEMENT					
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Chemical Wastes					
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Is suitable area provided for temporary storage of chemical waste?					
Is chemical storage area bunded with adequate capacity? (bund to retain potential leakage of the capacity of the largest container or 20% of the storage capacity)					

Is the storage area kept secured with an appropriate gate and locked at all time?					
Is the storage area kept clean and dry?					
Do the container of chemical wastes bear an appropriate label?					
Are incompatible wastes stored separately?					
Is the site registered as Chemical Waste Producer Licence?					
If yes, are trip tickets available for inspection?					
Are chemical wastes collected by licensed waste collectors?					
Are chemical wastes disposed of properly?					
Is spillage of chemicals cleaned up properly and safely?					
Are chemical spills cleaning materials kept on site?					

WASTE MANAGEMENT					
Construction Wastes					
Is sorting of construction waste (inert/non-inert) conducted on site for reuse and recycling?					
Are sorted waste materials re-used or recycling wherever possible before disposal?					
Are different categories of construction wastes disposed of at suitable disposal areas?					
Are waste storage areas well maintained and cleaned regularly?					
Are sufficient enclosed bins available on site?					
Are site areas cleaned daily to remove general refuse?					
Is the waste collection area free from odor and mosquitoes?					
Is the food and drink wastes packed in closed plastic bags?					
Are the waste materials being collected regularly to avoid over-storage?					
Is the sludge discharged from settlement properly treated?					
Are the waste collection records maintained?					
Are the waste collection facilities sufficiently provided on-site?					
Are general refuse and rubbish on site collected, handled, stored and disposed of properly?					
Are there any overloaded dump trucks leaving the site?					
Is there any weighing facility for dump truck?					
Are the dump trucks leaving the site properly covered to prevent fugitive dust?					
Is trip ticket system implemented for the disposal of construction wastes and records/licences/permits of C&D waste disposal are available for inspection?					
HOUSEKEEPING					
Material Storage					
Are the construction raw materials such as steel bars, timbers or chemicals stored at designated areas with sufficient signage/ measures to prevent mixing?					
Are they stacked or stored at appropriate height, secure and stable?					
Are any excavated material or stockpile of dusty material either covered entirely by impervious sheeting or sprayed with water?					
Are the inventories (include chemicals, equipment, construction materials...etc.) stored in a clean and tidy condition without caused quality impact to inventories?					
Are the NC materials/ products clearly labeled and segregated from conformed materials/ products?					
Are there any materials over stocked in site?					
SITE ACCESS AND WORKS AREAS					
Are the site access, passageways, stairs or temporary exits kept clear and free from debris?					
Is sufficient space (i.e. at least one meter wide) provided for the pedestrians to pass?					
Are there any dykes or sandbags to surround areas of earthworks or exposed slope for flood protection?					
Are works areas, stores, workshops and offices maintained in clean, tidy and dry condition?					

Are scrap, rubbish and debris stored in the designated waste storage area where it is maintained well?					
Are sufficient enclosed bins available on site?					
Is the access road free from obstruction of materials and safe for use?					
Are the working areas free from stagnant water pond?					
Are the water ponds free from debris?					
Are the water ponds sprayed with larvicide regularly or properly removed?					
Are the equipment tools and spare parts properly stored					
Is there any equipment maintenance work carried out on site?					
HYGIENE					
Stagnant Water Control					
No water seepage from water taps and temporary water supply pipe					
Site drainage system is available to drain out waste water					
Rainwater is properly drained to site drainage system					
Checking the Cause of Mosquito Breeding					
Containers are properly store in-house or placed up-side-down					
Containers storing water are properly covered					
Wheel barrow or other materials which could contain water are placed up-side down or facilitated with drain holes					
Open ends of bamboo scaffolding are filled up with sand					
External areas which likely accumulate stagnant water are periodically inspected and removed					
Internal areas which likely accumulate stagnant water are periodically inspected and removed					
Drip trays with stagnant water are removed periodically					
Materials are stack up properly to avoid stagnant water accumulation					
Rubbish in surface water channels on site are clear up periodically					
Stagnant water accumulate in base pit of hoist is inspected and removed periodically					
Stagnant water accumulate in cable trench is inspected and removed periodically					
Stagnant water accumulate in tower crane base pit is inspected and removed periodically					
Stagnant water accumulate in material stockpile areas are inspected and removed periodically					
Rubbish on site are removed periodically to avoid stagnant water accumulation					
Application of Larvicidal Oil					
Only areas which difficult to remove stagnant water are applied with larvicidal oil					
Larvicidal oil is applied after rain fall for prescribed areas					

Signed By

Signed By

Name: _____
The Contractor's Representative
Or Environmental Officer

Name & Title: _____
The Engineer's Nominated Site Representative

APPENDIX D

- **Proforma for Monthly Recording Record of ULSD on Site**

Proforma for Monthly Recording Delivery and Consumption of Ultra Low Sulphur Diesel on Site

Contract No.:

Contract No. CV/2012/09

Contract Title:

Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works - Contract 3

Name of Person completing the Proforma:

Name of Person responsible for audi checking:

Date	Intake				Consumption				
	Name of Contractor/ Sub-contractor	Details of Ordering Fuel		Quantity of Fuel Delivered (in litre)	Details of Plant belong to the Contractor/ Sub-contractor		Date of Arrival	Date of Departure	Quantity of Fuel Consumed (in litre)
		Name of oil company	delivery note reference no.		Plant Name	Serial No.			
Total Delivered					Total Consumed				

APPENDIX E

- **Weekly Environmental Walk Inspection Report**

Weekly Environmental Walk Inspection Report

Summary of Follow-up Actions

Part I :

Contract No. _____ Contract Title _____
 Date of Inspection _____ Time _____

Persons making the inspection:

Name in Block Letters _____ Designation _____ Signature _____

1. Contractor's Agent (or his representative if agreed by E)
2. Environmental Officer (or Environmental Supervisor if agreed by E)
3. Engineer's nominated site representative

Item No.	Location	Situation Requiring Follow-up Action	Agreed Due Date for Completion	Date Completed	Remarks
1					
2					
3					
4					
5					
6					

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 Architect/Engineer's nominated site representative at the time of inspection. (* delete as appropriate)

Architect/Engineer's nominated site representative _____ Contractor's Agent or his representative _____

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

Contractor's *Environmental Officer/Assigned Person _____ Architect/Engineer's Representative _____
 Date _____ Date _____

(Note: No payment will be made for the item of "Weekly Environmental Walk" under the PFSES if the Contractor's site environmental and waste management performance is not satisfactory, or any one of the follow up actions is not completed on or before the "Agreed Due Date for Completion".)

APPENDIX F

- **Daily Record Summary to Record Daily Disposal of Construction & Demolition (D&D) Material from the Site**

APPENDIX G

- **Register for Quality Powered Mechanical Equipment (QPME) on Site**

APPENDIX H

- **Inventory of Licences, Registration Particulars and Permits**

Inventory of Licences, Registration Particulars and Permits

Description	License/ Permit/ Registration No.	Date of Application	Date of Issue/ Confirmation	Special Conditions/ Expiry Date	Remarks
Environmental Permit					
Water Discharge Licence Registration as a Chemical Waste Producer					
Billing Account for Disposal of Construction Waste					
Construction Noise Permit					

APPENDIX I

- **Summary Record of Non-compliance of Air, Noise and Wastewater Pollution Incidents**

APPENDIX J

- **Chemical Waste Disposal / Storage Record**

Contract No. CV/2012/09

Liantang/Heung Yuen Wai Boundary Control Point Site Formation and
Infrastructure works-Contract 3

Chemical Waste Disposal / Storage Record

No.	Chemical	Quantity (Litre)	Physical Phase	Source (Location)	Storage / Disposal
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

APPENDIX K

- **Summary of Complaints, Inspections by Authorities, Abatement Notices, Environmental Offences and Convictions**

