

PARTICULAR SPECIFICATION PS.G02

**Environmental Control, Site Aspect Schedule
and Trip Ticket System**

Particular Specification for Environmental Control, Site Aspect Schedule and Trip Ticket System

1. General

1.1 Compliance with Ordinances & Regulations

The Contractor, his sub-contractors of any level, all persons employed by him on site and any other persons authorised by him to be on Site shall comply in every respect with the current legislation, Code of Practice and Guidance Notes in connection with the environmental issues, which include but not necessarily limited to the following :-

1.1.1 Air

1.1.1.1 Air Pollution Control Ordinance (CAP 311)

- Air Pollution Control (Furnace, Ovens and Chimneys) (Installation & Alteration) Regulations
- Air Pollution Control (Smoke) Regulations
- Air Pollution Control (Specified Processes) Regulations
- Air Pollution Control (Fuel Restriction) Regulations
- Air Pollution Control (Open Burning) Regulations
- Air Pollution Control (Asbestos) (Administration) Regulations
- Air Pollution Control (Construction Dust) Regulations

1.1.1.2 Factories and Industrial Undertakings (Asbestos) Special Regulation 1986

1.1.1.3 Factories and Industrial Undertakings (Asbestos) (Approval of Respiratory Protective Equipment) Notice

1.1.1.4 Control of Asbestos at Work - Code of Practice issued by Labour Department

1.1.1.5 Code of Practice on Handling, Transport and Disposal of Asbestos Wastes issued by Environmental Protection Department

1.1.1.6 The Protection of Working Health Series - Asbestos (issued by Labour Department)

1.1.1.7 Guide to the Factories and Industrial Undertaking (Asbestos) Special Regulations

1.1.2. Noise

1.1.2.1 Noise Control Ordinance

- Noise Control (General) Regulations
- Noise Control (Air Compressors) Regulations
- Noise Control (Hand Held Percussive Breakers) Regulations
- Noise Control (Construction Work) Regulations
- Noise Control (Construction Work Designated Areas) Notice

- 1.1.2.2 Practice Note for Professional Persons issued by the Environmental Protection Department
- 1.1.2.3 Technical Memorandum on Noise from Percussive Piling
- 1.1.2.4 Technical Memorandum on Noise from Construction Work other than Percussive Piling
- 1.1.2.5 Technical Memorandum on Noise from Construction Work in Designated Areas
- 1.1.3 Water
 - 1.1.3.1 Water Pollution Control Ordinance (CAP 358)

“The Contractor shall provide the reference solution prepared by an accredited testing laboratory of the suspended solids to be stored in transparent bottle to facilitate regular monitoring of the discharged effluent by visual checking. Such reference solution shall be maintained in good condition on site as a water sample for simulating the discharged effluent as permitted under the waste water discharge licence issued by Environmental Protection Department”.
 - 1.1.3.2 Dumping at Sea Ordinance (Cap 446)
 - 1.1.3.3 Practice Note for Professional Persons issued by the Environmental Protection Department
- 1.1.4 Waste
 - 1.1.4.1 Waste Disposal Ordinance (CAP 354)
 - Waste Disposal (Chemical Waste) (General) Regulation
- 1.1.5 Others
 - 1.1.5.1 Dangerous Goods Ordinance (CAP 295)
 - Dangerous Goods (Application & Exemption) Regulations
 - Dangerous Goods (General) Regulations
 - 1.1.5.2 Ozone Layer Protection Ordinance (CAP 403)
 - Ozone Layer Protection (Controlled Refrigerants) Regulations
 - 1.1.5.3 Environmental Impact Assessment Ordinance (Cap 499)
 - 1.1.5.4 Buildings Ordinance (Cap 121)
 - 1.1.5.5 Buildings Ordinance (Application to New Territories) Ordinance (Cap121)
 - 1.1.5.6 Public Health and Municipal Services Ordinance (Cap132)
 - 1.1.5.7 Summary Offences Ordinance (Cap 228)
 - 1.1.5.8 Factories & Industrial Undertakings Ordinance (Cap 59)
 - 1.1.5.9 Merchant Shipping (Oil Pollution)(Hong Kong) Order 1975
 - 1.1.5.10 Practice Note for Authorized Persons and Registered Structural Engineers issued by the Buildings Department

- 1.1.5.11 Practice Note for Professional Persons issued by the Environmental Protection Department
- 1.1.5.12 General Specification for Building (2007 Edition) issued by the Architectural Services Department

1.2 Site Aspect Schedule

The Contractor shall design, construct, operate and maintain pollution control measures to ensure compliance with the contract provisions as well as the environmental ordinances and their regulations. In this respect, the Contractor shall prepare a Site Aspect Schedule likely to be associated with the construction works and a list of specific proposals for the elimination or mitigation of such impacts. The Site Aspect Schedule shall be in the form as the specimen "Site Aspect Schedule" as attached in Appendix A of this particular specification. The Contractor shall periodically review and update the Site Aspect Schedule in accordance to the different stages of activities on site, prepare a programme indicating when these measures shall be implemented, conduct compliance monitoring in accordance to the agreed Site Aspect Schedule and programme, and submit the monitoring results to the Architect's Representative.

1.3 Application of Licences

The Contractor shall be responsible to apply and maintain all the permits and licences required under the legislation, e.g. notification of commencement of construction works, construction noise permit, waste water discharge licence, chemical waste producer licence, dangerous goods licence etc. He shall prepare a programme indicating when the licences are to be available, to ensure that works should not commence until the required licences are in place. A summary of these information shall be kept and reported in the Contractor's regular progress report.

1.4 Programme

The Contractor shall make due allowance in his programme for the carrying out of the Works in compliance with the environmental protection control requirements under the Contract.

1.5 Disposal of Construction and Demolition (C&D) Materials

- 1.5.1 The Contractor shall comply with the Trip Ticket System (TTS) in disposal of C&D materials as stipulated in Appendix B to this Particular Specification.
- 1.5.2 The Contractor shall comply with the acceptance criteria laid down by the operators of the corresponding public filling facilities or landfills. A copy of the acceptance criteria for Tseung Kwan O Area 137 Fill Bank and NENT landfill is at Appendix C.

For Capital Works Contracts

Specimen Form of “Site Aspect Schedule”

Item	Environmental Aspects **	Aspect / Impact Details**	Operational Measures **
1	Construction Site (in general)	<ul style="list-style-type: none"> • Disturbance to public 	<ul style="list-style-type: none"> • Organisation chart for construction site environmental management • Implementation of green policy, eg. energy saving measures, etc. • Housekeeping issues & site tidiness • Staff / worker’s training & awareness • Public relations with neighbours, procedures for handling of complaints • Emergency plan
2	Existing Site Conditions	<ul style="list-style-type: none"> • Existing utilities • Existing features, e.g. retained structures, cultural heritage, etc. • Existing ecology, e.g. native flora & fauna, water courses, etc. • Trees • Slopes 	<ul style="list-style-type: none"> • Check, protect / divert utilities • Measures to prevent erosion/ landslide • Measures to protect existing ecology • Protection of existing features • Tree preservation
3	Gaseous emissions	<ul style="list-style-type: none"> • Smoke emission from vehicles, construction plants, generator, etc. 	<ul style="list-style-type: none"> • Measures to eliminate/minimize smoke emission
4	Dust	<ul style="list-style-type: none"> • Dust associated with demolition, construction, excavation, debris handling, stockpiling of dusty materials, etc. 	<ul style="list-style-type: none"> • Air Pollution Control (Construction Dust) Regulation – notification • Dust suppression measures • Refuse chute detail • Proper refuse collection point
5	Odour	<ul style="list-style-type: none"> • Odour from debris, site toilet, etc. 	<ul style="list-style-type: none"> • Measures to minimise odour
6	Noise	<ul style="list-style-type: none"> • Noise from piling, various construction activities 	<ul style="list-style-type: none"> • Regular noise level monitoring • Application of permits • Green label for different plant types • Mitigation measures eg. sound barrier, silencer, etc. • Scheduling of works to match requests from neighbours

Item	Environmental Aspects **	Aspect / Impact Details**	Operational Measures **
7	Water	<ul style="list-style-type: none"> • Water from various construction activities e.g. piling, drilling, wheel washing, testing of water retaining structures, etc. • Water from site facilities eg. toilets, kitchen, etc. • Surface run-off 	<ul style="list-style-type: none"> • Water Pollution Control Ordinance – licence • Monitoring of waste water discharge • Wheel washing facilities • Temporary drainage system • Site toilet provision • Measures to prevent mosquitos / rodents
8	Waste	<ul style="list-style-type: none"> • Waste generation 	<ul style="list-style-type: none"> • Measures for waste avoidance, reduction, recycling, re-use • Waste classification & separation • Waste collection point construction • Waste disposal (trip ticket record)
9	Chemicals & Dangerous Goods	<ul style="list-style-type: none"> • Handling • Storage • Disposal 	<ul style="list-style-type: none"> • Dangerous Goods (General) Regulations – licence • Waste Disposal (chemical waste) Regulation – registration • Material safety data sheet, labelling, recording • Handling & storage • Disposal • Emergency and spillage plan
10	Other applicable aspects		

Legend

** To be completed by contractor. Items listed in the schedule are examples for reference only. Contractor should review the existing site conditions, consider the construction activities to be carried out and list the “Aspect / Impact Details” item by item with corresponding “Operational Measures” proposed.

PARTICULAR SPECIFICATION FOR TRIP TICKET SYSTEM

(Note: The Particular Specification Clauses hereinafter referred to in this Appendix shall mean the Particular Specification (PS) Clauses under this Appendix.)

Disposal of Construction and Demolition Materials

1. The Contractor shall implement a trip ticket system (TTS) for the removal of construction and demolition (C&D) materials from the Site to the disposal ground. The inert portion of the C&D materials comprising soil, broken rock and concrete, etc. shall be disposed of at **Tseung Kwan O Area 137 Fill Bank** as at Appendix C or other disposal outlets as directed by the Architect. The non-inert portion of the C&D materials that are not recyclable shall be disposed of at **NENT landfill** as at Appendix C.
2. The Contractor shall inform the Architect of the account number of the billing account for disposal of construction waste under the Waste Disposal (Designated Waste Disposal Facility) Regulation (Cap. 354L). This is to enable the Architect to check the disposal records posted at the Environmental Protection Department's website. The Architect will provide the account number to the Civil Engineering and Development Department for overall monitoring of the trip ticket system, detecting and taking action to deal with malpractice such as overloading of dump trucks and improper covering of load, and compiling statistics as well as counting eligible trips for mechanical dump truck covers under the pay for safety and environment scheme/ pay for safety scheme.

Alternative Disposal Grounds Proposed by Contractor and Approval Procedures

3. In order to make use of C&D materials generated by the Site, the Contractor shall use his best endeavours to identify recycling facilities or other construction sites where such materials can be used. The Contractor should not propose as an alternative disposal ground a private construction site which is not administrated by an authorized person as defined under the Buildings Ordinance (Cap. 123) ("Authorized Person"). Where the Contractor has identified such a recycling facility or construction site which can be used as an alternative disposal ground, he shall obtain the written approval of the Architect, who will process the Contractor's request expeditiously. In support of the request for such approval the Contractor shall provide relevant information including:
 - (a) a detailed description of the alternative disposal ground, including location, lot number (where appropriate), location plan and photographs of the proposed alternative disposal grounds showing the surrounding environment and land use;
 - (b) where the alternative disposal ground is a private construction site, a letter from each of the relevant authorities, such as Agriculture, Fisheries and Conservation Department, Lands Department and Planning Department, to comment on suitability of the site under their respective purview, and a letter from the Authorised Person of the development to confirm:
 - (i) the C&D materials for use in the development is acceptable;
 - (ii) the land/pond filling in the proposed alternative disposal ground and the use of land so formed by the C&D materials are in conformity with the statutory town plan/lease conditions; and
 - (iii) the Architect's staff are allowed to enter the alternative ground to conduct inspections where necessary;

- (c) where the alternative disposal is a private recycling facility, it is on the recyclers' list for C&D materials recognized by EPD, as well as a letter from the operator to confirm the Architect's staff are allowed to enter the recycling facility to conduct inspections where necessary;
 - (d) where the alternative disposal ground is a construction site of Government (other than a government contract quarry), Hong Kong Housing Authority or Mass Transit Railway Corporation, a written consent from the project office of the alternative disposal ground to use the C&D materials generated from the Site.
 - (e) where the alternative disposal ground is a government contract quarry, a written consent from the Mines Division of Civil Engineering and Development Department to import the C&D materials generated from the Site;
 - (f) the estimated quantity and type of C&D materials to be used/processed in the alternative disposal ground and the approximate delivery programme, together with the name, post and specimen signature of the competent person to sign the Disposal Delivery Form (DDF); and
 - (g) a system for transmitting disposal records from the alternative disposal ground to the Architect's Representative.
4. For illegal dumping of C&D materials; or disposal of the C&D materials at a disposal ground other than that designated in the Contract or directed or approved by the Architect and where the disposal ground is within any private land constitutes a major improper disposal (as defined in **Clause 16** of this Particular Specification) for the purposes of assessing the performance of the Contractor; the Contractor may be subject to relevant regulating and enforcement/prosecution action.
5. The Contractor's attention is drawn to Special Conditions of Contract Clause SCC 103 on Disposal Grounds.

Site Management Plan for Trip Ticket Implementation

6. The Contractor shall prepare a site management plan for implementation of the TTS for the whole Contract. The Contractor shall submit within 45 days of the date of the Employer's letter of acceptance of the Tender the site management plan to the Architect for approval. If the Architect is of the opinion that the site management plan does not meet the requirements of this Particular Specification, he shall request the Contractor to revise the plan by notice in writing. The Contractor shall then revise the plan and resubmit it within 7 days of the date of the notice. The Contractor shall review the site management plan on a monthly basis. The updated section of the plan (if any) should be submitted to the Architect for approval. The plan shall include the following details:
- (a) Site organization and staff duties

A site organisational chart showing the manpower resources and duties of each staff for implementation of the TTS. The Contractor:

 - (i) shall appoint a senior staff member (with at least two years experience in site management) fully responsible for implementing and overseeing the operation of the TTS;

- (ii) shall appoint designated person(s) to fill in and sign Part 1 of the Daily Record Summary (DRS) properly before departure of the truck. A sample of the DRS is given at **Annex 2**; and
- (iii) shall appoint experienced person(s) to man each exit from the Site for the purpose of ensuring that every truck carrying C&D materials leaving the Site bears a duly completed CHIT/DDF. The CHIT shall be used for disposal of C&D materials at a prescribed facility as defined under the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N) (hereinafter referred to as “prescribed facility”). A sample of the CHIT is given in **Annex 1a**. The DDF shall be used for disposal of C&D materials at other disposal grounds as designated in the Contract or as directed by the Architect, or recycling facilities/ construction sites proposed by the Contractor and approved by the Architect. A sample of the DDF is given in **Annex 1b**. The person(s) who man the exit(s) shall record the CHIT/DDF no., the vehicle registration mark and the departure time of every truck carrying C&D materials leaving the Site.

(b) Disposal Programme

The Contractor shall prepare a monthly programme for disposal of C&D materials off the Site, and indicate the estimated quantities, types of the C&D materials and corresponding disposal grounds. The Contractor shall update the programme on a monthly basis and submit it to the Architect for information by 15th day of each month or the next working day if it is a public holiday, Sunday or Saturday, or a later date as agreed by the Architect.

(c) Site procedures

The Contractor shall establish site procedures to ensure that each truckload of C&D materials leaving the Site will bear a duly completed CHIT/DDF and that Part 1 of the DRS has been filled in and signed properly before departure of the truck. The Contractor shall also establish a mechanism to ensure timely retrieval of the CHIT/DDF and/or receipt from the disposal grounds where irregularities are observed.

(d) Surveillance

The Contractor shall establish a surveillance system within the Site and at any alternative disposal grounds to check that the disposal activities comply with the requirements as set out in the Particular Specification.

(e) Recording system

The Contractor shall maintain a comprehensive register of the CHIT/DDF issued, and make it available for inspection by Architect’s Representative upon request.

(f) Control Measures to track internal movement of materials

Where trucks need to exit and re-enter the Site for delivery of C&D materials generated by the Site, the Contractor shall devise control measures to ensure that the C&D materials are not disposed of outside the Site in breach of the Contract.

(g) Video Recording System

The Contractor shall:

- (i) provide, operate and maintain, including all necessary cables, wirings, lightings and other accessories, a video recording system at each vehicular exit/entrance with gate(s) installed with the following essential features to record all trucks leaving the Site. The video cameras used in the system shall be of high resolution, lowlight and colour type; power backup shall be provided to cater for accidental breakdown of the power supply to the system; videos captured by the system shall be recorded continuously without break except with the agreement of the Architect, or in the month during which there is no disposal of C&D materials off the Site for the entire month; video shall be captured in a format acceptable to the Architect; the registration mark of each vehicle leaving the Site shall be recorded; and the loading conditions of dump trucks including empty trucks shall be captured;
 - (ii) securely protect the video cameras from being damaged or blocked;
 - (iii) design and construct all necessary temporary works, including any supporting frames and protections, for mounting the video cameras and their accessories;
 - (iv) provide the software and hardware for capturing the vehicle registration mark, and the time and date for the Architect's immediate taking and viewing of photograph of every truck leaving the Site and viewing the recorded videos;
 - (v) keep the videos record for at least 60 days and the photographs until such time as instructed by the Architect;
 - (vi) post sufficient notices at conspicuous positions to notify the workers, drivers and staff about the purpose of the video recording system in accordance with data protection principles set out in the Personal Data (Privacy) Ordinance; and
 - (vii) if a video camera system cannot be installed at the exit, propose the alternative methods of control to the Architect, who may accept such proposals if he is satisfied that the proposals are equally effective.
7. Recyclable materials such as metal, paper, plastics and milled bituminous materials etc., which have been sorted on the Site for the purposes of recycling, shall not be considered as C&D materials for the purposes of the Contract. For such sorted recyclable materials, the Contractor shall devise appropriate control measures to ensure that the materials are delivered to a proper recycling outlet for processing. The Contractor shall highlight such control measures in the environmental management plan pursuant to ETWB TCW No. 19/2005 if applicable.
8. The Contractor shall obtain the approval of the Architect for the site management plan before disposing any C&D materials from the Site.

Informing the Truck Drivers

9. The Contractor shall write to all truck drivers engaged for removal of C&D materials from the Site and draw their attention to the following particular points:
- (a) Each truck carrying C&D materials leaving the Site for a disposal ground must bear a duly completed CHIT/DDF, irrespective of the location and nature of the disposal ground; and
 - (b) The C&D materials must be disposed of at the disposal grounds as stipulated in the Contract or directed by the Architect or alternative disposal grounds approved by the Architect.

General Procedures of the TTS and Record Keeping

10. The procedures for implementation of the TTS are as follows:
- (a) For each truckload of C&D materials leaving the Site, the Contractor's truck driver must bear a duly completed, signed CHIT/DDF.
 - (b) The Contractor shall maintain a daily record of disposal of C&D materials from the Site including CHIT/DDF numbers, vehicle registration marks, drivers' particulars, approximate volume, C&D materials type, designated disposal ground, departure time from the Site, actual disposal ground and arrival time at disposal ground. The Contractor shall complete Part 1 of the DRS in duplicate and inform the Architect's staff before departure of the vehicle. The Architect's staff shall sign Part 1 of the DRS before departure of the trucks, or to suit site operations at other time to be agreed between the Architect's Representative and the Contractor.
 - (c) The truck shall proceed to the disposal ground as stipulated in the Contract or directed by the Architect or alternative disposal ground approved by the Architect. The Contractor's truck driver shall present the CHIT/DDF to the operator of the disposal ground. For a prescribed facility, if the C&D materials accord with the acceptance criteria, disposal of the materials will be permitted and the facility operator will give the Contractor's truck driver a Transaction Record Slip and stamp the CHIT.
 - (d) For disposal at a prescribed facility, the Contractor shall check the information recorded in the DRS against available information including his own records and data from EPD's website [<http://www.epd.gov.hk/epd/misc/cdm/scheme.htm#j>]. The Contractor shall complete Part 2 of the DRS form for submission to the Architect's Representative within 1 working day after the records are posted at the EPD web-site.
 - (e) For disposal ground other than prescribed facilities, the Contractor shall ensure that the DDF is signed off by a competent person as agreed by the Architect at the disposal ground to confirm completion of each trip. The Contractor shall also maintain a daily record with details of each disposal trip from the Site⁺ to the disposal ground. The Contractor shall complete Part 2 of the DRS form for submission to the Architect's Representative within 3 working days after the date of disposal.
 - (f) Where an irregularity is observed or where requested by the Architect's Representative under special circumstances (e.g. a CHIT/ DDF has been issued but there is no disposal record at the disposal ground), the Contractor shall submit to the Architect's Representative within 5 working days after the recorded date of disposal the supporting evidence such as duly stamped CHIT/ DDF and/or the Transaction Record Slip (where relevant) to confirm proper completion of the delivery trips in question, or within 2

working days after the Architect's Representative has requested for such evidence, whichever is later. A fax copy of the CHIT/ DDF or Transaction Record Slip is acceptable, unless otherwise directed by the Architect.

Performance monitoring

11. The following items shall be included in the agenda for discussion at every Site Safety and Environmental Management Committee meeting, and Site Safety and Environmental Committee meeting, or other established channels for performance monitoring as agreed by the Architect's Representative:
 - (a) review the site management plan and implementation of the TTS, and identify areas for improvement;
 - (b) audit the quantity of C&D materials removed from the Site (based on the DRS and survey records) against the quantities of C&D materials delivered to the disposal ground designated in the Contract (e.g. based on EPD website) and directed or approved by the Architect;
 - (c) review incidents of non-compliance and discuss the necessary follow-up actions; and
 - (d) monitor the follow-up action on defects and deficiencies identified.

Removal of C&D Materials from Unauthorised Disposal Grounds

12. Where C&D materials from the Site have been dumped at a place other than that designated in the Contract or directed or approved by the Architect, the Contractor shall at his own cost undertake the following remedial action:
 - (a) remove the dumped C&D materials from the unauthorised disposal ground to a disposal ground designated in the Contract or directed or approved by the Architect to his satisfaction; and
 - (b) reinstate the unauthorised disposal ground to the condition before dumping of the C&D materials, or a condition considered satisfactory by the Authority as required under the relevant legislation where appropriate.
13. Where the unauthorised disposal ground is private property, the Contractor shall be responsible for obtaining the landowner's consent before removal of the dumped C&D materials.

14. Should the Contractor fail to remove the C&D materials from the unauthorised disposal ground or fail to reinstate the unauthorised disposal ground as set out in **Clause 12** above, the Employer may in accordance with Clause 82 of General Conditions of Contract instruct another contractor to perform the work and the Employer shall be entitled to recover such costs from the Contractor, and may but shall not be bound to deduct such costs either in whole or in part, in accordance with the provisions of Clause 83 of General Conditions of Contract.

Improper disposal and major improper disposal

15. The following shall constitute an “improper disposal”:
- (a) A Contractor’s truck loaded with C&D materials having left the Site without a CHIT/ DDF or the daily record summary not completed in accordance with this Particular Specification;
 - (b) Disposal of C&D materials at a disposal ground other than that designated in the Contract or directed or approved by the Architect; or
 - (c) The Contractor fails or is unable to produce the stamped CHIT/ DDF or the Transaction Record Slip (where relevant) in accordance with **Clause 10(f)** of this Particular Specification.
16. The following shall constitute a “major improper disposal”:
- (a) Illegal dumping of C&D materials; or
 - (b) Disposal of C&D materials at a disposal ground other than that designated in the Contract or directed or approved by the Architect, and where the disposal ground is within any private land. For the purpose of this Clause, “private land” has the same meaning as it has in the Mining Ordinance (Cap. 285).
17. The Contractor shall also note that the Employer takes a very serious view of any non-compliance with the TTS requirements. Without prejudice to other regulating action which may be taken against the Contractor, the Contractor’s performance in implementing the TTS will be fully reflected in the Report on the Contractor’s Performance.

Compliance with the Personal Data (Privacy) Ordinance (Cap. 486)

18. The Contractor shall comply with the provisions of the Personal Data (Privacy) Ordinance (Cap. 486) in relation to personal data collected under the TTS.

A sample of the CHIT

香港法例第354章廢物處置條例
廢物處置(建築廢物處置收費)規例
Waste Disposal Ordinance (Chapter 354)
Waste Disposal (Charges for Disposal of Construction Waste) Regulation

**載運入帳票
CHIT**

入帳票編號: Chit No.: _____

選擇「✓」一個訂明設施:
Tick (✓) One Prescribed Facility:

堆填區 Landfills 篩選分類設施 Sorting Facilities

公眾填料接收設施 Public Fill Reception Facilities

離島廢物轉運設施 Outlying Islands Transfer Facilities

車牌號碼 Vehicle Registration Mark: _____

使用日期: Date of Use: _____

簽發人: Issued by: _____

建築廢物產生地點: Construction Waste Generated Site: _____

帳戶編號: Account No.: _____

甲部份: 由帳戶戶主保留
Part A: retained by Account-holder

入帳票編號: Chit No.: _____

選擇「✓」一個訂明設施:
Tick (✓) One Prescribed Facility:

堆填區 Landfills 篩選分類設施 Sorting Facilities

公眾填料接收設施 Public Fill Reception Facilities

離島廢物轉運設施 Outlying Islands Transfer Facilities

車牌號碼 Vehicle Registration Mark: _____

使用日期: Date of Use: _____

簽發人: Issued by: _____

帳戶名稱: Name of the Account-holder: _____

帳戶編號: Account No.: _____

乙部份: 由廢物運輸商保留
Part B: retained by Waste Hauler

有效期至: Valid Until: _____

建築廢物產生地點: Construction Waste Generated Site: _____

帳戶名稱: Name of the Account-holder: _____

丙部份: 由政府保留
Part C: retained by Government

CEDD 土木工程及發展局
Civil Engineering and Development Department

EPD 環境保護局
Environmental Protection Department

E 199279

Sample of the Disposal Delivery Form (DDF) for Disposal of C&D Materials at Disposal Grounds (Other than Prescribed Facilities) as Designated in the Contract or as Directed by the Architect/ Supervising Officer/ Maintenance Surveyor, or Alternative Disposal Grounds Proposed by the Contractor and Approved by the Architect/ Supervising Officer/ Maintenance Surveyor

<p>Serial No. 0012345678</p> <p>Data of Use: 使用日期: _____</p> <p>Disposal Ground: 接收設施: _____</p> <p>Vehicle Registration Mark: 車牌號碼: _____</p> <p>Issued By: 簽發: _____</p> <p><i>(This part retained by Disposal Ground)</i> <i>(此部分由接收設施保留)</i></p> <p>_____</p> <p>Chop of Disposal Ground 接收設施蓋印</p>	<p align="right">Serial No. 0012345678</p> <p align="center">Construction and Demolition Materials Disposal Delivery Form 拆建物料運載記錄票</p> <p>Contract No: _____ Contract Title: _____</p> <p>合約編號: _____ 合約名稱: _____</p> <p>Date of Use: _____ Time of departure from site: _____ Vehicle Registration Mark: _____</p> <p>使用日期: _____ 離開地盤時間: _____ 車牌號碼: _____</p> <p>Disposal Ground: 接收設施: _____</p> <p>Arrival Time/Date: 抵達日期/時間: _____</p> <p><i>(This Part retained by Contractor/Driver)</i> <i>(此部分由承建商/司機保留)</i></p> <p>_____</p> <p align="center">Chop of Disposal Ground 接收設施蓋印</p> <p align="right">_____</p> <p align="right">Chop of Architect's/ Supervising Officer's/ Maintenance Surveyor's Representative 建築師/監督主任/屋宇保養測量師代表蓋印</p>
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Acceptance Criteria for Public Filling Facility and Landfill

1. Public Filling Facility

- (a) Draw up a site management plan for implementation of a Trip-Ticket System in accordance with DEVB TC(W) No. 6/2010. The disposal location should be consistently indicated on the 'CHIT' applied under the construction waste disposal charging scheme from EPD. The disposal records can be checked in EPD's website. Please inform the undersigned the details of dump trucks immediately in case of non-compliance in disposal location as indicated on the 'CHIT' issued.
- (b) Please provide the account number of the billing account for disposal of construction waste to our Mr. Y. F. Wong at e-mail address yuenfuwong@cedd.gov.hk at least 2 weeks prior to the commencement of the disposal of construction waste from the site. Please also take particular note of the billing auditing requirements as stipulated in paragraphs 27 & 28 of DEVB TC(W) No. 6/2010. Each dump truck should have a valid Dumping License issued by CEDD. A dump truck without a Dumping License will be rejected. The applicable form for a Dumping License and the associated conditions can be downloaded from CEDD homepage <http://cedd.gov.hk/eng/forms/doc/f83a.pdf>.
- (c) Any over-sized inert construction waste shall be broken down to less than 250mm so as to facilitate its reuse in reclamation or earth filling projects.
- (d) The dump trucks delivering inert construction waste will not be overloaded.
- (e) Every endeavour will be made to minimize the generation of inert construction waste and maximize its reuse on site; thus helping to relieve the burden on the public fill reception facility.
- (f) The waste load will be delivered by truck with power-operated cover, if ETWB TC(W) No. 19/2005 is applicable to the contract.
- (g) The protruded rebars, pipes, fittings, etc. should be cut off from concrete.
- (h) Whenever the Contractor find that the programme or the total quantity of inert construction waste to be disposed of at public fill reception facilities is likely to be significantly different from the estimates previously made, the Contractor shall immediately report to the Architect and the Secretary of the Public Fill Committee shall then advise on whether inert construction waste capacity is available for the changes, and refer the case to the Architect and the Public Fill Committee for decision if necessary.

2. Landfill

- (a) Mixed construction waste should be sorted at source. Construction waste consisting entirely of inert construction materials (or commonly termed as public fill) including rock, rubble, boulder, earth, soil, sand, concrete, asphalt, bricks, tile, masonry or used bentonite should be delivered to public filling reception facilities. For a truck load of construction waste to be accepted at the landfill, the weight of the waste divided by the permitted gross vehicle shall not be greater than 0.25 for goods vehicle with demountable skip and 0.2 for other types of vehicle.
- (b) A truck load of construction waste satisfying the following new criteria will also be accepted at the landfill:-
 - i. the depth of the waste is greater than 1 meter for goods vehicle with demountable skip and 1.5 meters for other types of vehicle regardless of the weight of the waste; or
 - ii. the truck load of construction waste consists entirely of bamboo, timber or plywood regardless of the weight and the depth of the waste.
- (c) The construction waste delivered for landfill disposal shall contain no free water and the liquid content shall not exceed 70% by weight.
- (d) For better control and enforcement of the trip ticket system, provide the Architect with two week's advance notice (with the Contractor's name and contact details) before starting to deliver the waste to the landfills and keep the Architect informed of any subsequent changes to the disposal programme during the contract period.
- (d) As the Construction Waste Disposal Charging Scheme has come into operation, each waste hauler should present a valid "Chit" when disposing of construction waste at the waste disposal facilities.