

Appendix 6.2

Construction and Demolition Materials Management Plan (C&DMMP)

APPENDIX 6.2

Standard Form of Submission on C&D Materials Management for Projects
(Generating C&D Materials or Importing Fill Material
at or below 50 000 m³ but more than 5 000 m³)

Project Division/Branch : NTN&W, CEDD

Responsible Officer & Tel. No. : Mr. Thomas Chan (Tel: 2158 5613)

PWP Item No. : 705CL

Project Title : Lau Fau Shan Development, PWP Item No. 705CL -
Hang Hau Tsuen Channel at Lau Fau Shan

Project Estimate : HK\$45M

Anticipated Commencement Date: End of 2009

Anticipated Completion Date : End of 2012

Brief Scope of Works : Construction of about 370 m long drainage channel;
construction of a 25 m long triple-cell box culvert; 4
nos. of footbridges across the channel; 3.5m wide
access road with passing bays along northern bank of
the channel and 2.0 m wide footpath on both sides of
the channel.

Generation of C&D Materials

	Total quantity (m ³)	Reused in the project (m ³)	Reused in other projects (m ³)	Disposal as public fill (or C&D waste) (m ³)	Suitable for recycled aggregates (m ³)
(i) Inert C&D Materials (soft public fill)	6,268	5,989	0	279 ^(note 1)	NA
(ii) Good Quality Rock					
Grade I	Nil	Nil	Nil	Nil	Nil
Grade II	Nil	Nil	Nil	Nil	Nil
Subtotal	Nil	Nil	Nil	Nil	Nil
(iii) Low Quality Rock	Nil	Nil	Nil	Nil	NA
(iv) C&D Waste	422	NA	NA	422	NA
(v) Others, please specify	0	0	0	0	0
Total	6,690	5,989	0	701	NA

Imported Fill Material:

	Total quantity (m ³)	Source of fill (Contractor's own source and/or others)
(i) Inert C&D Materials (Soft Public Fill)	12,130	Contractor's own source
(ii) Rock	1,000	Contractor's own source
(iii) Sand Fill	0	0
Total	13,130	NA

Note:

1. *The situations will be reviewed in the construction stage in order to re-use this amount on site as far as practicable.*

Proposed measures taken to reduce, :
reuse and recycle C&D materials

(Give brief description)

1. Proper design of the level and layout of the proposed road;
2. Working method should be reviewed to minimize wastage where possible. Precast units should be used as far as practicable;
3. Use the excavated materials for backfilling of retaining walls and road formation;
4. Use the excavated soft materials for landscaping works;
5. Use recycle aggregate for sub-base materials and concrete.

Submission Notes :

1. *The quantities of C&D materials indicated in the C&DMMP should be the “bulk” volume and not “in-situ” volume.*
2. *Only Grade II or better granitic rock is classified as good quality rock. Other types of rock to be considered as low quality rock.*
3. *Submit layout plan of project (A-3 or A-4 size drawing) together with the standard form of submission on C&D materials management.*
4. *With regard to the source of import fill, if the contractor’s own source is proposed, it should preferably be local source. To ensure the use of local source for import fill, it should be submitted for the Engineer’s approval*