

Ref. : WB(W) 209/32/105
Group : 5, 12

27 September 1999

Works Bureau Technical Circular No. 25/99

**Incorporation of Information on
Construction and Demolition Material Management
in Public Works Subcommittee Papers**

Scope

This Circular promulgates the policy and guidelines for incorporating information on the management of construction and demolition material (C&DM) in Public Works Subcommittee (PWSC) papers recommending the upgrading of projects to Category A of the Public Works Programme (PWP) for the implementation of construction works.

Effective Date

2. This Circular shall take effect on 1 December 1999.

Effect on Existing Circulars

3. This Circular has no effect on existing Circulars. However, it shall be read in conjunction with the following WBTC:
 - (a) WBTC No. 4/98 which sets out the policy on the use of public fill in reclamation and earth filling projects;
 - (b) WBTC No. 5/98 which sets out the policy on the requirement for on-site sorting of all C&DM in contracts on demolition sites; and

- (c) WBTC No. 5/99 which sets out the policy to implement a trip-ticket system in PWP contracts for the proper disposal of C&DM at public filling facilities and/or landfills.

4. The terminology related to C&DM and public fill is also defined in the addendum to WBTC No. 4/98.

Policy

5. It is already Works Bureau's policy that considerations should be given in the planning, design and construction management of a project to minimize the C&DM production.

6. The project proponent of a project to be upgraded to Category A in the PWP for the implementation of construction works shall include the following information in the section "Environmental Implications" of the PWSC paper:

- (a) the estimated quantity of C&DM to be disposed of off site;
- (b) measures taken in the planning and design stages to reduce the generation of C&DM;
- (c) measures to be taken in the construction stage to reduce the generation of C&DM; and
- (d) measures to be taken in the construction stage for C&DM disposal.

7. For reclamation or earth filling projects with imported fill requirements of 300,000 cu.m or more, the project proponent shall in addition include a statement to indicate that the design of the project has incorporated the maximum use of public fill to the satisfaction of the Public Filling Sub-committee (PFSC).

8. The "Environmental Implications" section of the PWSC paper shall be cleared by the Director of Environmental Protection on the advice of the PFSC. This policy applies to all PWSC papers submitted on or after 1 December 1999.

Guidelines

Estimated Quantity of C&DM

9. The estimated quantity of C&DM to be disposed of off site should take into account the measures taken in the planning and design stages and to be taken in the construction stage to reduce the generation of C&DM.

Measures at Planning and Design Stage

10. The project proponent should ensure that the management of C&DM has been addressed in the environmental impact assessment or the environmental review. It is necessary for the project proponent to seek the PFSC's endorsement on the findings and recommendations in relation to the management of C&DM in the environmental impact assessment or the environmental review. The recommended measures taken at the planning and design stages will be useful information in preparing the relevant paragraph in the PWSC paper. Project proponents should inform PFSC on any significant change to the programme and quantity of C&DM to be disposed of off site as early as possible and to seek the PFSC's confirmation that the public fill disposal outlet remains available.

Measures at Construction Stage

11. As in paragraph 10 above, the recommended measures for C&DM management at the construction stage should be included in the relevant paragraph in the PWSC paper.

Measures for C&DM disposal

12. WBTC No. 5/99 sets out the policy for implementing a trip-ticket system for all PWP projects (apart from projects that are exempted in accordance with paragraphs 13 to 15 of the WBTC). The project proponent should state in the "Environmental Implications" section of the PWSC paper that the C&DM disposal to the designated public filling facility and landfill will be controlled by a trip-ticket system. For projects that are wholly or partly exempted from the requirements of securing a designated public filling facility and/or landfill for C&DM disposal, the project proponent should state in the "Environmental Implications" section of the PWSC paper that the contractor will be required under the contract to submit a C&DM disposal plan for the Architect's/Engineer's approval (paragraph 17 of WBTC No. 5/99 refers).

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