

## Submission Requirements

### Earth Control Measures:

Effective erosion and sediment control measures shall be provided by the developers/owners and the QPs shall advise their developers/owners to provide such effective measures and facilities with inputs from Qualified Erosion Control Professionals (including site management system and perimeter cut-off drain, silt traps, storage ponds, treatment plants, etc) to ensure clean discharge that complies with the statutory requirements.

### Planning Stage

The owners/developers should take note of the standard clauses for the ECM requirements before obtaining DC clearance / approval.

Effective erosion and sediment control measures shall be provided by the developers/owners and the QPs shall advise his developers/owners to provide such effective measures and facilities with inputs from Qualified Erosion Control Professionals (including site management system and perimeter cut-off drain, silt traps, storage ponds, treatment plants, etc) to ensure clean discharge that complies with the statutory requirement. The proposed erosion and sediment control measures shall be submitted by Qualified Erosion Control Professionals (QECP) to PUB for approval before commencement of works. All affected watercourses shall be desilted and cleared until completion of work.

### Commencement of Work

The Contractors shall apply for a Clearance Certificate to commence works (which will require ECM) together with the proposed erosion and sediment control measures (prepared and endorsed by a [QECP](#)) to PUB.

The ECM shall comply with the requirements stipulated in [Clause 6.3](#) of the "Code of Practice on Surface Water Drainage"

### Construction Stage

The Contractors shall submit the ECM proposal duly endorsed by his [QECP](#) to PUB and carbon copied to the owners/ developers as follows:

1. Before Work Commences - to submit the ECM proposal indicating that:
  - a. minimum bare surfaces will be ensured according to the construction activities in each phase.
  - b. effective sediment control facilities (Including storage and treatment facilities) will be implemented
  - c. a system of ECM as indicated in (a) and (b) above will be in place before work commence
  - d. Clearance Certificate (See (B) above) to commence earthworks is obtained
2. During Work - to revise and resubmit the ECM proposals according to each phase of the construction activities indicating that:
  - a. minimum bare surfaces will be ensured according to the construction activities in each phase.

- b. effective sediment control facilities (Including storage and treatment facilities) will be implemented.
  - c. a system of ECM as indicated in a and b above will be revised and put in place to control silty discharge for each phase.
3. Upon Work Completion - to confirm that all the site activities have been completed and the ECM can be removed.

### **Work Completion**

The contractors shall inform PUB that ECM will be removed based on QECP recommendation/approval.