Rohrig Erosion and Sediment Control

Erosion and sediment control

Erosion and sediment controls are to be in place for the duration of ground disturbance.

All erosion and sediment controls are to be installed as per Soils and Construction Volume 1, 4th ed 2004 Managing Urban Stormwater (The Bluebook).

The following general principles are to be adhered to during works:

i. Minimise disturbance footprint through appropriate works planning.
ii. Focus on erosion control as a priority where applicable.
iii. Install sediment controls before disturbing ground and for the duration of disturbance.
iv. Monitor and maintain controls to ensure function, especially before and after rain.
v. Progressive stabilisation of disturbed areas should be undertaken during works.
vi. Modify/update the Erosion and Sediment Control Plan (ESCP) as required as site conditions change.

Weather conditions should be monitored and works planned in accordance to reduce likelihood or sedimentation on-site.

Excavated materials may be temporarily stockpiled for reuse on-site or removal depending on construction requirements. Stockpiles are to be minimised, have downslope sediment control in place, and covered if excess wet or windy weather is forecast.

Vehicle entry and exits must be via the designated area that is stabilised to prevent mud tracking.

Sediment transported on any road must be cleaned via brooming prior to the end of shift or the prior to rainfall.

Bare soil areas should be stabilised progressively with vegetation or other temporary or permanent measure throughout the works to reduce erosion.

Dirty water is not to be discharged into stormwater drains on the project site, all stormwater drains and inlets within the project site footprint and directly downslope are to have sediment control in place for duration of works to avoid sediment discharge from the project site.

Ensure all temporary erosion and sediment controls are removed at the completion of the works or when sufficient ground cover for permanent stabilisation is achieved.