**Principles of Erosion and Sediment Control**

1. **Planning**

   The key for Erosion and Sediment Control Plan for your site before works start and submit it with your building application. This Plan should help prevent stormwater pollution throughout the construction phase and will only be valid if it has been approved. 

   i. The Plan must be signed and dated by the owner or the person responsible for the construction of a building. 

2. **Installation of Controls**

   Before works start, set up the erosion and sediment controls and signal to your sign working personnel of the representative persons in charge of controlling. A recommended sequence for setting up controls is:

   a. Establish a single stabilised entry point to the site.
   b. Install temporary fences along the low side of the site.
   c. Divert surface water around the site and, if necessary, stabilise the channels and catch water.
   d. Clear or compact earth that must be disturbed during the building works. Put up a barrier fence around the site where vegetation is to be disturbed.
   e. Ensure that all stockpiles are on your land – not the footpath or the neighbour’s property. Where necessary, seek approval from Council or your neighbour for any stockpiles. Ensure stockpiles have appropriate fences and sediment controls.
   f. Install one or more spectators, if possible, to look and comment about what is happening.
   g. Start building works.

3. **Maintenance of Controls**

   All erosion and sediment control works should be checked before each work week and after each event to ensure they are working properly. 

   i. Removing sediment trapped in sediment traps.
   ii. Topping up the gravel on the stabilised pathway.
   iii. Replacing any erosion of slopes of any material.
   iv. Replacing damage to fences and hedges.

   Remember that the erosion and sediment control works might need to be altered as the weather or drainage path changes during the development phase. Best practice includes anticipation of the likely risks and being prepared for unusual circumstances, e.g. having spare sediment fence material on the site.

4. **Finalisation of Works**

   Ensure that the site is stabilised and no exposed soil or waste remains before returning the site to normal condition. If landscaping is not completed before hand or your site is in the country, ensure they are aware of their responsibilities to prevent pollution.

5. **Four Basic Principles**

   i. Make sure everyone working on the site understands how important it is to not pollute stormwater.
   ii. Do not disturb more of the site than you have to.
   iii. Install erosion and sediment controls before commencing work.
   iv. Maintain your erosion and sediment controls throughout the construction phase.

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**Ways you can reduce erosion & control sediment on a building or construction site**

Follow these site management practices and you will help reduce impact on our waterways...

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**Planning for Erosion and Sediment Control on Single Residential Allotments**

All builders/developers are required to prepare an Erosion and Sediment Control Plan for Stormwater Prior to Commencing Building. They may require site specific and may indicate the need for Erosion and Sediment Control Plan. A more detailed Soil and Water Management Plan is required to be prepared as an Erosion and Sediment Control Plan that shows how you will minimise compound and sediment runoff from your site. Councils have the responsibility to manage the following pollution sources:

1. **Air pollution**, including dust
2. **Noise**, including dust
3. **Sediment and soil**, including dust
4. **Trade and domestic rubbish**, including dust
5. **Waste discharges including erosion leakage or spill of construction materials, soil, sand, gravel and sediment.

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Site works will not start until the erosion and sediment control works outlined in clauses 2 to 4, below, are installed and functional.

The entry to and departure of vehicles from the site will be confined to one stabilised point. Sediment or barrier fencing will be used to restrict all vehicular movements to that point. Stabilisation will be achieved by either:

- constructing a sealed (e.g. concrete or asphalt) driveway to the street
- constructing a stabilised site access following Standard Drawing SD 6-14 or other suitable technique approved by the Council.

Sediment fences (SD 6-8) and barrier fences will be installed as shown on the attached drawing.

Topsoil from the work’s area will be stripped and stockpiled (SD 4-1) for later use in landscaping the site.

Topsoil from the work’s area will be stripped and stockpiled for later use in landscaping the site.

All stockpiles will be placed in the location shown on the ESCP and at least 2 metres clear of all areas of possible areas of concentrated water flow, including driveways.

Lands to the rear of the allotment and on the footpath will not be disturbed during works except where essential, e.g. drainage works across the footpath. Where works are necessary, they will be undertaken in such a way to minimize the occurrence of soil erosion, even for short periods. They will be stabilised (grassed) as soon as possible. Stockpiles will not be placed on these lands and they will not be used as vehicle parking areas.

Approved bins for building waste, concrete and mortar slurries, paints, acid washings and litter will be provided and arrangements made for regular collection and disposal.

Guttering will be connected to the stormwater system or the rainwater tank as soon as practicable.

Topsoil will be respread and all disturbed areas will be stabilised within 20 working days of the completion of works.

All erosion and sediment controls will be checked at least weekly and after rain to ensure they are maintained in a fully functional condition.