

SITE ENVIRONMENTAL MANAGEMENT PLAN (SEMP)

A SEMP is used to document how construction processes are to be managed in order to maintain and enhance the intrinsic environmental qualities of the building site and adjacent land.

The plan should include both written and illustrated specifications for site management and include, as necessary:

The following Tables will assist you in the preparation of your SEMP. You must consider each of the issues as they relate to your proposal:

TABLE 1: INFORMATION REQUIRED

Project description	
A brief description of the proposed development and the construction activities to be undertaken during the project.	Within existing building footprint add disability bedroom & ensuite involving minor excavation work, add addition ensuites to all 1 st floor bedrooms. Replace current existing wooden windows with double glassed aluminium ones.
Erosion and sedimentation control management plan (ESCMP)	
This plan can be drawn at 1:100 or 1:200. This plan is critical as it will be the key tool in communicating to all involved — builders, subcontractors, private certifiers, leaseholders and the consent authority — how stormwater pollution is to be controlled on the site. The Department of Planning may also request additional erosion and sedimentation controls to those specified in your plan.	
As appropriate ESCMPs should show (but not be limited to):	
• property lease boundaries	Attached SEE report
• general soil description	Attached SEE report
• existing and final contours, including location of cut and fill banks	Attached SEE report
• existing and final overland flow paths	Attached SEE report
• limits of site clearing	Attached SEE report
• location of vegetation buffer strips	Attached SEE report
• stabilised construction entry/exit point/driveway	Attached SEE report
• plant and vehicular movements within the site	Attached SEE report
• location of:	
– fill, retained topsoils and sand piles	Attached SEE report
– all proposed temporary drainage control measures	Attached SEE report
– proposed erosion and sediment control measures and descriptive notes	Attached SEE report
– sediment traps if required, pump out devices and filtering techniques to be employed	Attached SEE report
– installation sequence and maintenance control requirements for all sediment control measures employed	Attached SEE report
• building materials and waste storage locations	Attached SEE report
• notes on who is responsible for establishment, maintenance and removal of all	Attached SEE report

erosion and sediment control measures.	
The ESCMP should include written details and diagrammatic representations. Labelled photographs of the site before construction should also be included with the plan.	Attached SEE report
The following page details a simple example of a standard ESCMP.	
For more detailed information on how to prepare an ESCMP, refer to section 3 Plan Preparation in NSW Department of Housing's publication <i>Managing urban stormwater: soil and construction</i> , 3 rd Edition (1998) — commonly known as the Blue Book.	
Management of native vegetation	
You must be able to show in the SEMP, how impacts upon native vegetation have been avoided or minimised through design and construction methods. It is essential that you consider ways to minimise the loss of indigenous vegetation and avoid the introduction of any exotic species to the alpine ecology. Revegetation will also require careful planning and on-site management.	Attached SEE report
Details of tree removal, and protection, site revegetation and species lists can all be included in your landscape concept plan (see page 5).	
Waste management	
Whilst the location of waste storage should be included in the ESCMP, you need to also consider the methods for removing waste materials from the site, and where the waste is to be transported to.	Attached SEE report
Wherever possible, construction plans should involve the reuse and recycling of materials. For large projects the Department of Planning may request a waste management plan to be submitted as a condition of consent.	Not applicable
Noise and vibration pollution	
The SEMP should include intended hours of operation, the types of activities involved and the amounts of noise and vibration likely to be generated. Where noisy activities have to be carried out in resort areas, include in the SEMP how you plan to minimise these disturbances.	Attached SEE report
Air pollution	
The ways you plan to reduce air pollution caused by construction activities that produce excessive dust (eg blasting, excavation or brick-cutting) must be included in the SEMP. Other forms of air pollution to be considered include hydrocarbon emissions from oil-based paints and diesel smoke emissions from on-site machinery.	Attached SEE report
Fuels and chemicals	
These may only be stored on-site with the approval of the Department of Planning and NPWS. The SEMP must include any intention to store fuels and chemicals on-site, the particulars of the substances, and measures to avoid any form of pollution associated with these products.	Attached SEE report

Emergency procedures

The SEMP should include written emergency procedures and contact details. If considered applicable, the Department of Planning may request, as a condition of consent, that you prepare emergency response procedures. These will be implemented in the advent of an on-site spill. The procedures are to be displayed on-site and all staff trained on their implementation.

Attached SEE report

Construction Traffic and Parking

Description of types, sizes and numbers of vehicles and machinery that will be on site

To be advised

Description of traffic control and road closures

Attached SEE report

Location of loading and unloading zones

Attached SEE report

Location of material storage areas

Location of parking areas

Attached SEE report