

Construction and Environmental Management Plan

This Information Sheet is intended to assist in the preparation of a Construction and Environmental Management Plan (CEMP).

A CEMP may be requested by the City of Armadale as part of its role administering the *Local Government Act 1995* and the *Planning and Development Act 2005*.

A CEMP is one mechanism that is used to ensure that works are undertaken in a manner that minimises risks to the environment.

A CEMP assists in achieving *Local Planning Policy PLN 2.5 Erosion Prevention and Sediment Control* and *Phytophthora Dieback Policy ENG9*.

It also provides a tool to minimise potential breaches of the *Environment, Animal and Nuisance Local Law 2002* particularly with regards to refuse management, erosion management and air quality management.

A CEMP:

1. May be requested as a condition of a development approval.
2. Is required to support an on-ground works applications (such as a bulk earthworks or civil works applications).

A CEMP provides a consolidated approach to providing the environmental plans that are required in accordance with the *City of Armadale Annexure to Subdivisional Guidelines*, specifically Erosion and Sediment Control Plans & Environmental Plans. Preparing a CEMP also assist in achieving the model Scheme Condition EN2 "Measures being taken to ensure the identification and protection of any vegetation on the site worthy of

retention that is not impacted by subdivision works, prior to commencement of subdivision works” (where applicable).

3. May be required for corporate activities.

Content of a CEMP

1. Identify the environmental conditions within or near the development boundary.

Example: The CEMP should map and describe key environmental features such as Conservation Category & Resource Enhancement wetlands and their associated development buffers, potential habitat, Rare or protected flora and fauna; Creeks, rivers and other natural water courses and associated flood fringes; and Aboriginal or other state significant heritage sites.

2. Provide a summary of applicable environmental regulation.

A CEMP must provide a summary of applicable environmental legislation, regulation, licenses or approvals and demonstrate compliance with these requirements.

Example:

- Identifies that that clearing of vegetation that could be considered a Matter of National Environmental Significance under

the *Environmental Protection Biodiversity Conservation Act 1999* and references any relevant determination of this matter. Similar address could be provided for *Environmental Protection Act 1986*, *Biodiversity Conservation Act 2016* and *Cultural Heritage Act 1972*.

- Identifies that water quality monitoring or streetscape maintenance of the site is required to occur, in accordance with an approved Local Water Management Plan or Urban Water Management Plan.
- References a WACP approval condition requiring an Acid Sulfate Soils Management Plan and attaches the relevant documentation supporting implementation of that condition.
- Provides a schedule of wildlife relocation and attaches relevant license.

3. Address of tree protection

The CEMP must identify all trees and vegetation proposed to be removed or retained during works. For trees where retention opportunities may exist, tree protection zones should be indicated.

For trees where there are not retention opportunities, rationale for this determination is required. Trees are required to be identified and mapped by an AQF Level 5 Arborist.

3. Provide site level environmental risk review

A CEMP must provide a site specific evaluation of environmental risks.

Example: Spread of pest and disease, dust, erosion and sedimentation, soil stabilisation, tree protection & tree root protection, native vegetation management, flora salvage, construction waste management, acid sulphate soils, rubbish dumping, water movement, pollution and incident response, fauna management, seasonal (easterly winds) and extreme (unseasonal rainfall) weather events.

4. Provide environmental controls

The CEMP must identify appropriate environmental controls in order to eliminate and/ or reduce the risk of environmental harm. The controls are required to be specific to site, describe maintenance regimes, set performance criteria, identify implementation roles and provide an audit schedule.

The CEMP must provide assurance that all proposed actions are to be undertaken by suitably qualified and licensed professionals.

Example: appropriate control actions are documented such as:

- Locations for boundary fencing with sediment barrier to Australian Standards 4970 Protection of trees

on development sites.

- Mechanisms for construction waste management.
- Site security, mechanisms to reduce rubbish dumping.
- Street sweeping maintenance schedules.
- Actions to protect trees for retention and tree root protection zones—providing locations and specifications
- Pollution and emergency response procedures.
- Addresses salvage opportunities for native vegetation.
- Fauna relocation actions such as hollow searches and formal fauna removal programs.
- Audit and review schedule.