

Erosion and Sediment Control Plan (ESCP) Procedures

This factsheet has been prepared as a guide to support ESCP processes primarily relating to the *Planning Act 1999*. Development Permits for uses involving soil disturbing activities will generally include conditions about erosion and sediment control and may stipulate an ESCP 'type'. The ESCP type required is determined by a number of factors including the size of the development: duration, timing and location of the works; and the type of development.

The Land Management Unit has adopted the International Erosion Control Association (IECA) Australasia definition for a suitably qualified and experienced professional in erosion and sediment control planning and design - <https://austieca.com.au/esc-certification/suitably-qualified-professional>.

Type 1 – implement erosion and sediment controls:

An ESCP is recommended, but is not statutory

Prepare ESCP	<u>Prior to commencement of works:</u> 1. Prepare an ESCP in consultation with a suitably qualified professional with experience in erosion and sediment control. Ensure the ESCP does not conflict with other management plans (e.g. Stormwater, etc.) and that the ESCP design is suitable for the site. 2. As the ESCP is non-statutory, it does not need to be submitted to Development Assessment Services.
Implement ESCP	<u>Development phase:</u> 3. Implement temporary controls in accordance with the ESCP schedule (e.g. site access, perimeter and drainage controls should be implemented prior to commencement of early works). Contact the department if you require advice, refer to contact details.
Monitor & Modify	4. Regularly monitor the performance of controls during the development phase to ensure they are effective (i.e. erosion is not occurring and sediment is not leaving the site). Maintain controls as required, dispose of captured sediment appropriately and reinstate any damaged controls. Keep records to demonstrate due diligence in the event of compliance action.
Final Stabilisation	<u>Completion of works:</u> 5. At completion of works all temporary controls should be removed and all permanent controls implemented. All surfaces should be stabilised against erosion (e.g. groundcover established, batters protected, etc.) and all landscaping and rehabilitation works completed. Sediment is removed from site and disposed of appropriately (e.g. sweep sediment from road, do not wash down stormwater drains).

Type 2 - ESCP:

Certified by a suitably qualified and experienced professional (statutory)

Prepare ESCP	<u>Prior to commencement of works:</u> 1. ESCP to be prepared, and certified by a suitably qualified and experienced professional as defined by the IECA. Ensure the ESCP does not conflict with other management plans (e.g. Stormwater, etc.) 2. Certified ESCP to be sent to consent authority.
Implement ESCP	<u>Development phase:</u> 3. Implement controls in accordance with the schedule in the ESCP.
Monitor & Modify	4. Monitor the performance of controls in accordance with the schedule in the ESCP. 5. Maintain, repair or reinstate controls as required. 6. Keep records for compliance purposes. 7. Suitably qualified and experienced professional to review, amend and certify the ESCP if conditions on site require and resubmit to consent authority.
Final Stabilisation	<u>Completion of works:</u> 8. Remove temporary controls, install permanent controls and ensure all surfaces are stabilised. Suitably qualified and experienced professional to certify. 9. Submit certification to the consent authority.

Type 3 - ESCP:

Certified by a suitably qualified and experienced professional + Auditor (statutory)

Prepare ESCP	<u>Prior to commencement of works:</u> 1. ESCP to be prepared, and certified by a suitably qualified and experienced professional as defined by the IECA. Ensure the ESCP does not conflict with other management plans (e.g. Stormwater, etc.) 2. Auditor to review and approve/endorse ESCP. Suitably qualified and experienced professional to amend ESCP as required by Auditor. 3. Auditor-approved/endorsed ESCP to be sent to consent authority.
Implement ESCP	<u>Development phase:</u> 4. Implement controls in accordance with the schedule in the ESCP.
Monitor & Modify	5. Monitor the performance of controls in accordance with the schedule in the ESCP. 6. Maintain, repair or reinstate controls ongoing as required. 7. Keep records for compliance purposes. 8. Auditor to inspect site in accordance with schedule in ESCP and report back to the consent authority. 9. Modify controls onsite as directed by Auditor (contact suitably qualified and experienced professional for advice). 10. A suitably qualified and experienced professional to review and amend the ESCP if conditions on site require, or as directed by Auditor. 11. Amended ESCP to be reviewed and approved/endorsed by Auditor, and then resubmitted to the consent authority.
Final Stabilisation	<u>Completion of works:</u> 12. Remove temporary controls, permanent controls installed and ensure all surfaces are stabilised. 13. Auditor to undertake final inspection and report back to consent authority. 14. Address any outstanding issues identified by the Auditor. 15. Auditor to provide final approved/endorsed statement of satisfactory completion of works to consent authority. 16. Submit the final statement to the consent authority for final clearance.

Further Information

Information regarding erosion and sediment control (including standard drawings) is located online at:

<https://austieca.com.au/home>

www.catchmentsandcreeks.com.au/

nt.gov.au/environment/soil-land-vegetation

Contact Details

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Appendix 1 - Comparison of ESCP Types

Table 5. Comparison of components required for each type of ESCP (note: this is a non-exhaustive list)

Item No.	Component	ESCP Type 1	ESCP Type 2	ESCP Type 3
1	Contact Details for site manager (phone & email)	⊗	⊗	⊗
2	Timing of works (approximate dates)	⊗	⊗	⊗
3	Works schedule (sequence & duration of works)	⊗	⊗	⊗
4	Monitoring schedule (who, when, how often)	⊗	⊗	⊗
5	Layout Site Plan (map)	⊗	⊗	⊗
6	Detailed Site Plan/s showing location of controls (map/s)	⊗	⊗	⊗
7	Construction Notes (technical instructions)	⊗	⊗	⊗
8	Standard Drawings (technical drawings)	⊗	⊗	⊗
9	Final Site Stabilisation Plan (permanent controls at completion of works)	⊗	⊗	⊗
10	Staging Plan (outline works to be done per stage and show footprint on map)		⊗	⊗
11	Calculations & soil data		⊗	⊗
12	Excavation & Fill Plans		⊗	⊗
13	Drainage management plan (development phase)		⊗	⊗
14	Stormwater Management Plan (permanent drainage)*		⊗	⊗
15	Contaminated Land Management Plan*		⊗	⊗
16	Acid Sulfate Soil Management Plan*		⊗	⊗
17	Landscaping Plan*		⊗	⊗
18	Revegetation / Rehabilitation Plan*		⊗	⊗
19	Auditor Monitoring & Reporting Schedule			⊗
20	ESCP certified by a suitably qualified and experienced professional (signed)		⊗	⊗
21	Review of the certified ESCP by independent Auditor			⊗
	*If relevant to project, attach drawings to ESCP and refer to documents (i.e. plans/reports) as required in ESCP.			