Section A2
Site Assessment Form
EROSION TREATMENT FOR URBAN CREEKS
SITE ASSESSMENT FORM

This form should be completed in conjunction with Steps 1 to 6 in Section A1 of the ‘Erosion Treatment for Urban Creeks – Guidelines for Selecting Remedial Works’.

1. Inspecting officer ……………………………………………………………………………………………………………………

2. Office/Branch/Affiliation ………………………………………………………………………………………………

3. Site location and UBD reference ……………………………………………………………………………………………

4. Description of how to access the site (include nearest road access) …………………………………………………


5. Indicator check list

Tick the box of each erosion indicator observed during the site inspection and after reviewing background information.

☐ Fluting erosion (ie. several, deep, narrow rills cut straight down the channel bank)
☐ Discernible waterfall migrating upstream
☐ Bell-shaped scour hole in invert of creek
☐ Exposed foundation on structures such as bridge piers etc.
☐ Lateral movement of the creek bank
☐ Tension cracks in the overbank material running parallel to the top of bank
☐ Undercutting at the toe of the bank face
☐ Groundwater seepage from the bank face
☐ Small ‘cave’ formed in the bank at the water line
☐ Collapse of bank face above a small, eroded ‘cave’ in bank face
☐ Eroded gully propagating laterally from the creek bank
6. Erosion type(s)
List the erosion types at the site (e.g. bed scour, bank slumping)

7. Causes of erosion
List established cause(s) of the creek erosion (e.g. loss of vegetation, culvert outlet).

8. Rate of erosion
If possible, investigate the rate of erosion relative to a known fixed object.


9. Adjacent land uses
Identify land uses (zoning/s) in the immediate vicinity of the erosion (e.g. parkland).
10. Public property

List all public property (e.g. parkland, footpaths, roads, public utilities) in the immediate vicinity of the erosion and estimate distance from erosion face.

11. Private property

List all private property (e.g. property fence, private yard, shed, house) in the immediate vicinity of the erosion and estimate distance from erosion face.

12. Local ecology / habitat values

All creeks have some ecological value, is it likely that the erosion is having a deleterious effect on these values.

☐ yes  ☐ no

13. Soil Erodibility Rating (optional)

Estimated soil erodibility

14. Course of action

Indicate the recommended course of action by ticking the appropriate box:

1. Immediate treatment  ☐
2. Delay treatment  ☐
3. Do not treat  ☐
State the reason for this decision. If applicable, provide a recommended time frame for re-inspection of the site.

Complete Items 14 to 17 only if immediate treatment is recommended.


15. Remedial works

Detail recommended remedial works and basis for selection (incl. diagrams as necessary).


16. Cost estimate

Indicate the estimated construction cost for the remedial works $ ...................................................

17. Consultation, approvals and licensing requirements

List the community groups, Council branches and government agencies to be consulted:

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Attach to this form documentation of all correspondence with each of these interested parties as well as all applications for approvals and licences, and copies of all approvals and licences issued.

18. Final Recommendations

Provide final recommendations for implementing the remedial works. (Identification of specific local ecological / habitat requirements at the investigation stage means these requirements can be included in design or construction and can be scheduled at appropriate times eg. outside breeding periods.)

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