



Erosion Hazard Assessment - June 2006

Brisbane City Council (BCC), *Erosion Hazard Assessment* form must be read in conjunction with the *Erosion Hazard Assessment- Supporting Technical Notes* (June 2006 or later version) for explanatory terms and Certification information.

What is an Erosion Hazard Assessment?

Soil erosion and sediment from urban development, particularly during construction activities, is a significant source of sediment pollution in Brisbane's waterways. The Erosion Hazard Assessment determines whether the risk of soil erosion and sediment pollution to the environment is 'low' or 'high', using a point scoring system to assess the risk based on BCC's requirements for stormwater management and Erosion and Sediment Control (ESC).

When is the EHA required?

An *Erosion Hazard Assessment* form must be completed and lodged with BCC for any Development Application (DA), Operational Works ESC application, or Schedule 12 Compliance Assessment ESC application.

Failure to submit this form during lodgement of an application may result in assessment delays or refusal of the application.

Assessment Details

1 Does this development or operational works/detailed design ESC application trigger the Stormwater Management Code or House Code and involve soil disturbance?

No An Erosion Hazard Assessment is not required.
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Yes **Complete Assessment Table on reverse side of this form.**

2 Is the total score equal to or greater than 17?

A 'low' risk score

Generally, if the Erosion Hazard Assessment produces a Total Score of **less than 17** and no individual score is equal to, or greater than its Trigger Score, the development proposal is considered to be 'low risk' with respect to soil erosion and sediment control.

A 'high' risk score

If the Erosion Hazard Assessment produces a Total Score of **17 or greater**, or any individual score is equal to or greater than its Trigger Score, the development proposal is considered to be 'high risk' with respect to soil erosion and sediment control. Applicants must lodge, with their Application, sufficient supporting information to demonstrate that the performance criteria of the Stormwater Management Code or House Code in the City Plan 2000 can be achieved.

No Refer to Council's *Erosion Hazard Assessment - Supporting Technical Notes*.
Yes

3 Did you answer 'yes' to any Trigger Score questions?

No Refer to Council's *Erosion Hazard Assessment - Supporting Technical Notes*.
Yes

4 Site Information and Certification

Application number (if known)

Site address

.....
.....
Postcode

Prepared by *Print name*

Business name

I certify that:

1. I have made all relevant enquiries and am satisfied no matters of significance have been withheld from the assessment manager; and
2. I am a person with suitable qualifications and/or experience in erosion and sediment control; and
3. the Erosion Hazard Assessment was completed in accordance with the Erosion Hazard Assessment Supporting Technical Notes and the BCC Erosion and Sediment Control Standard (version 9 or later); and
4. the Erosion Hazard Assessment Score accurately reflects the site's overall risk of soil erosion and sediment pollution to the environment.

I acknowledge and accept that the BCC, as assessment manager, relies, in good faith, on this certification as part of its development assessment process and the provision of false or misleading information to the BCC constitutes an offence for which BCC may take punitive steps/ action against me/ enforcement action against me.

Certified by *Print name*

Certifier's signature

Date

Assessment Table

	Points	Score	Trigger Score	BCC Use Only
[1] AVERAGE SLOPE OF DISTURBANCE AREA <ul style="list-style-type: none"> less than 3% (3% = 33H:1V)0 more than 3% but less than 5% (5% = 20H:1V)1 more than 5% but less than 10% (10% = 10H:1V)2 more than 10% but less than 15% (15% = 6.7H:1V)4 more than 15%.....6 			▶ Score equal to or greater than 4 ? No <input type="checkbox"/> Yes <input type="checkbox"/>	
[2] SOIL CLASSIFICATION GROUP (AS1726) <ul style="list-style-type: none"> GW, GP, GM, GC.....0 SW, SP, SM, SC, Pt1 MH, CH, OH.....2 ML, CL, OL, if imported fill will be used, or if soils untested3 				
[3] EMERSON (DISPERSION) CLASS NUMBER <ul style="list-style-type: none"> Class 4, 6, 7, or 8.....0 Class 52 Class 34 Class 1 or 26 			▶ Score equal to or greater than 4 ? No <input type="checkbox"/> Yes <input type="checkbox"/>	
[4] DURATION OF SOIL DISTURBANCE (including stabilisation period) <ul style="list-style-type: none"> less than 1 month.....0 more than 1 month but less than 4 months.....2 more than 4 months but less than 6 months.....4 more than 6 months6 			▶ Score equal to or greater than 4 ? No <input type="checkbox"/> Yes <input type="checkbox"/>	
[5] AREA OF DISTURBANCE <ul style="list-style-type: none"> less than 1000 m²0 more than 1000 m² but less than 5000 m²1 more than 5000 m² but less than 1 ha2 more than 1 ha but less than 4 ha4 more than 4 ha.....6 			▶ Score equal to or greater than 4 ? No <input type="checkbox"/> Yes <input type="checkbox"/>	
[6] WATERWAY DISTURBANCE <ul style="list-style-type: none"> No disturbance to watercourse, open drain or stormwater pipe0 Disturbance to watercourse, open drain or stormwater pipe.....4 			▶ Score equal to or greater than 4 ? No <input type="checkbox"/> Yes <input type="checkbox"/>	
[7] REHABILITATION METHOD Percentage of area (relative to total disturbance) stabilised by seeding without mulching (i.e. highest risk stabilisation method) <ul style="list-style-type: none"> less than 1%0 more than 1% but less than 5%1 more than 5% but less than 10%2 more than 10%.....4 				
[8] RECEIVING WATERS <ul style="list-style-type: none"> Open water body (e.g. creek, river, bay)1 Enclosed water body (e.g. lake, boat harbour).....2 				
[9] SUBSOIL EXPOSURE <ul style="list-style-type: none"> No subsoil exposure except for service trenches0 Subsoils are likely to be exposed2 				
[10] EXTERNAL CATCHMENTS <ul style="list-style-type: none"> No external catchment0 External catchment diverted around the soil disturbance1 External catchment not diverted around the soil disturbance.....4 				
[11] ROAD CONSTRUCTION <ul style="list-style-type: none"> No road construction0 Involves road construction works.....2 				
[12] pH OF SOILS TO BE REVEGETATED <ul style="list-style-type: none"> less than pH 61 more than pH6 but less than pH 8.....0 more than pH8, or if pH testing not done at this stage..... 1 				

[13] Total Score =

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