

Landslide Hazard Report

Auburn Road Stormwater Upgrades

Prepared for
Kingborough Council

Client representative
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Date
10 April 2026




Rev00

Table of Contents

- 1. Purpose1
- 2. Landslide Risk2
- 3. Landslide Code.....2
- 4. Use Standards.....2
- 5. Development Standards3
- 6. Landslide Assessor’s Credentials **Error! Bookmark not defined.**

List of figures

- Figure 1: Landslide Hazard Bands and indicative location of works1

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1. Purpose

The purpose of this Landslide Hazard Report is to demonstrate the proposed stormwater upgrades along Auburn Road comply with the applicable provisions of the Kingborough Interim Planning Scheme 2015's Landslide Code.

The proposed stormwater upgrades are located in a Low Landslide Hazard Band (see Figure 1 below).



Figure 1: Landslide hazard bands and indicative location of works

The works to be undertaken involve the removal of an existing table drain (which has been extensively eroded), and construction of kerb and gutter, stormwater crossings, pits and pipes. The intended pipe materials are a mix of reinforced concrete and PVC.

2. Landslide risk

The works involved in these proposed upgrades are minor and present a reduction in risk compared to the current situation.

The landslide risk scenario in this case is for shallow or deep landsliding on the slope which falls within the 11-20° range.

Currently the drainage in the area is primarily through an unlined table drain which is significantly eroded.

The new drainage will reduce the risk of water seeping into the subsurface and potentially reducing the strength of the soil and also reduce the risk of further erosion destabilising the slope.

It is assessed that the installation of improved stormwater services will reduce the likelihood of a landslide trigger event occurring from any given rain event, as compared to the current situation, and as such is an improvement to the overall landslide risk.

3. Landslide code

As the assessment above demonstrates the proposed stormwater upgrades are assessed to reduce the landslide risk in the area, compared to the current situation, the proposal can reasonably be considered to be consistent with the purpose of the code. The purpose of the code is to ensure that use and development is appropriately designed, located, serviced, constructed or managed to reduce to within tolerable limits the risk to human life and property and the cost to the community, caused by landslides.

4. Use standards

The following standards do not apply:

- Clause E3.6.1 Hazardous Use (the proposed Utilities use does not involve hazardous chemicals); and
- Clause E3.6.2 Vulnerable Use (the proposed Utilities use is not categorised as a vulnerable use).

There are no other use standards in this code.

5. Development standards

The following development standards do not apply:

- E3.7.2 Minor Extensions (the proposed stormwater upgrades are not categorised as minor extensions); and
- E3.8 Development Standards for Subdivision (the proposal does not include subdivision).

E3.7.1 Buildings and Works, Other Than Minor Extensions

Objective: To ensure that landslide risk associated with buildings and works for buildings and works, other than minor extensions, in a Landslide Hazard Areas, is:

- acceptable risk; or
- tolerable risk, having regard to the feasibility and effectiveness of measures required to manage the landslide hazard.

Acceptable Solution	Performance Criteria
<p>A1 No acceptable solution.</p>	<p>P1 Buildings and works must satisfy all of the following:</p> <ol style="list-style-type: none"> no part of the buildings and works is in a High Landslide Hazard Area; the landslide risk associated with the buildings and works is either: <ol style="list-style-type: none"> acceptable risk; or capable of feasible and effective treatment through hazard management measures, so as to be tolerable risk.

Assessment

The proposed stormwater upgrades satisfy P1 for the following reasons:

- the development is located in Low and Medium-Active Landslide Hazard Areas; and
- the works are assessed to reduce the landslide risk in the area.

E3.7.3 Major Works

Objective: To ensure that landslide risk associated with major works in Landslide Hazard Areas, is:

- acceptable risk; or
- tolerable risk, having regard to the feasibility and effectiveness of any measures required to manage the landslide hazard.

Acceptable Solution	Performance Criteria
<p>A1 No acceptable solution.</p>	<p>P1 Major works must satisfy all of the following:</p> <ol style="list-style-type: none"> no part of the works is in a High Landslide Hazard Area; the landslide risk associated with the works is either: <ol style="list-style-type: none"> acceptable risk; or capable of feasible and effective treatment through hazard management measures, so as to be tolerable risk.

Assessment

The proposed stormwater upgrades satisfy P1 for the following reasons:

- the development is located in Low and Medium-Active Landslide Hazard Areas; and
- the works are assessed to reduce the landslide risk in the area.

6. Landslide assessor's credentials

The landslide assessment was undertaken by Andrew Tyson, an associate Engineering Geologist with over 20 years' experience in geotechnical consulting work, specialising in slope stability issues.

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