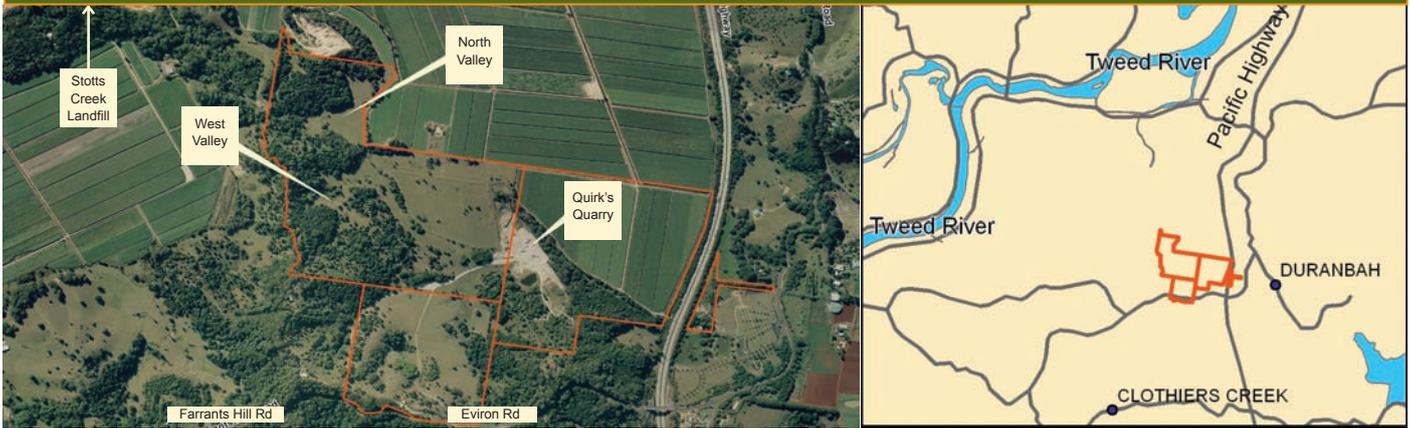


Eviron Road Quarry and Landfill information sheet



Eviron Road Quarry and Landfill

What is the proposed Project?

Introduction

As a result of the expanding population in the Tweed area increasing pressures are being placed on local resources and infrastructure. In particular, there is increasing demand being placed on waste management services. As such, this is an area that Tweed Shire Council has identified as being of high priority to address. Based upon Council data, it is predicted that Council's existing landfill, Stott's Creek landfill, is nearing capacity and is expected to be full by 2011. Council has been acquiring land in close proximity to this site for the purposes of investigation for use for future landfill area. Under the Tweed Local Environmental Plan 2000 (LEP) the land owned by Council is appropriately zoned (5(a) Special Purposes) for the purposes of developing a landfill. Tweed Shire Council is proceeding with investigation and design. This land is earmarked for the future Tweed Botanic Gardens.

The Landfill

A new landfill is proposed to be situated within the void created by the completion of excavations at Quirk's Quarry (just east of the Pacific Highway, off Eviron Road at Eviron). This quarry is currently in use, however is expected to exhaust the rock resources within the next two years. The landfill design will be undertaken in accordance with Best Practice Environmental Management and the NSW EPA Solid Waste Landfill Guidelines (1996) and will include:

- 🗑️ A fully engineered liner system;
- 🗑️ A leachate extraction system;
- 🗑️ A landfill gas extraction system;
- 🗑️ A comprehensive closure, post closure and site rehabilitation plan taking into account the Botanic Gardens Master Plan.



The landfill project also includes the construction of an internal haul road from the existing Stotts Creek landfill such that the existing resource recovery facilities and weighbridge at the landfill can be utilised at the new Quirk's Quarry landfill site. Council plans to fully rehabilitate the landfill at the end of its life, and the area will eventually become part of the Tweed Botanic Gardens.

The Quarry

As the existing Council quarry, Quirks Quarry will become a landfill, the proposal will also investigate situating a new Council quarry within the land at Eviron. Studies are currently underway to determine the most appropriate location and size of this new quarry, taking into particular consideration the environmental sensitivity of the area and availability of quarry resource. The proposed location of this quarry is to be either within North Valley or West Valley within the site (see map) depending upon the outcome of the initial studies. The new haul road will also service this new quarry, serving to reduce heavy vehicle traffic on Eviron Road and nearby roads.

Future Development

While Tweed Shire Council is currently applying for the landfill and quarry as described above, future development of the site is also being considered. It is intended once the resource at the first new quarry is exhausted and the Quirks Quarry landfill is at capacity, the void created by the first quarry would then be utilised as a landfill similar to the process undertaken at Quirks Quarry. Again, concurrently, a second new quarry will be developed and eventually used as a landfill. This part of the project is not expected to proceed until after 2018. Ultimately the entire site is intended to become the location for the Tweed Botanic Gardens, and site rehabilitation will consider this future landuse.

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Eviron Road Quarry and Landfill continued

Why this site?

This site was identified by Tweed Shire Council as a site suitable for quarrying and landfill in the late 1990s. While it is recognised that the site has some physical characteristics and constraints, Council has no other suitable site available for the quarry and landfill requirements of the Shire. However, as a requirement of the Environmental Assessment, alternatives and justification of the project will be investigated and addressed in the final EA report.

What has been done so far?

Council has prepared a Preliminary Environmental Assessment including an overall Concept Plan for the site which was submitted to the Department of Planning in 2008. The project was designated as a Major Project under Part 3A of the NSW Environmental Planning and Assessment Act, 1979 (EP&A Act). The Director-General of the Department of Planning has outlined a targeted assessment regime by defining key environmental issues within Director-General's Requirements. The investigation of these issues will be presented within an Environmental Assessment. The key issues are outlined in the section below.

Tweed Shire Council has engaged consultants GHD to undertake the Environmental Assessment to address the Director-General's Requirements environmental impacts of the proposed quarrying and landfilling activities. The Director-General's Requirements and the Preliminary Environmental Assessment are available online through the Department of Planning's website (www.planning.nsw.gov.au).

What studies will be undertaken for this project?

The Environmental Assessment will address general requirements of the Director-General's Requirements as well as comprise more detailed investigations from a number of disciplines including:

-  Waste Management – concept design of landfill
-  Quarry – preliminary quarry planning and investigations
-  Soils and Water

-  Stormwater Management and Erosion Control
-  Noise Blasting and Vibration
-  Air Quality and Odour
-  Greenhouse Gas
-  Biodiversity
-  Transport
-  Heritage (Aboriginal and Non-Indigenous)
-  Visual
-  Hazards
-  Rehabilitation

Throughout the investigations community consultation will be conducted with various stakeholders. Once all the studies have been undertaken, an Environmental Assessment document will be prepared. This document will be on public exhibition online and at Tweed Shire Council in Murwillumbah.

Tell us what you think

Tweed Shire Council values the Tweed community's views and thoughts and together with GHD, invite public input to the assessment process for the Eviron Road Quarry and Landfill Project.

How to have your say

If you would like further information on this project please visit Council's website or contact the Community Consultation team

Phone: (02) 6670 2694;

Email: waste@tweed.nsw.gov.au

Postal Address:

Tweed Shire Council

C/- The General Manager

PO Box 816,

Murwillumbah, NSW, 2484

