



# The Peninsula Project

**Working Together to Protect Our People, Property and Environment**

*Kia mau ki te mauri o te taiao o Hauraki*



## Information for Graham's Creek ratepayers and residents

### Graham's Creek flood protection

Based on the discussions Environment Waikato and Thames-Coromandel District Council have had with your community and the Graham's Creek Working Party over the last two years, we propose to undertake a number of flood protection works to reduce the risk of flooding in your community.

This newsletter outlines the proposed flood protection works. It also gives you, and other ratepayers and residents, an opportunity to provide us with feedback.

#### Background

In 2004 the Peninsula Project was established to better protect people, property and essential services from flooding, stabilise catchments and improve the health of the peninsula's natural environment. This project is a joint initiative between Environment Waikato, Thames-Coromandel District Council, Department of Conservation and the Hauraki Maori Trust Board.

A number of issues contribute to flood risk at Graham's Creek:

- properties sited on low terraces
- pressures to develop around and within the floodplain
- sedimentation and scouring of the stream channel
- the damming effect of the causeway at the lower end
- reduced capacity of the stream channel due to culverts and planting
- a steep and unstable upper catchment.

Addressing these issues has been an initial priority for the Peninsula Project.

To help identify priorities and recommend possible solutions, a community working party was established.

Based on the working party's recommendations, Environment Waikato has developed a number of flood protection proposals for Graham's Creek. These proposals are outlined in our Draft Long-Term Council Community Plan for consideration by the wider community. Council will consider submissions on these proposals and adopt the plan in June 2006.

At this stage these are proposals only. Before any work is started further community consultation will be undertaken regarding any associated rating impacts.

#### A whole of catchment approach

To achieve the best result, a whole of catchment approach is needed. This means undertaking the following work:

- erosion protection works and animal pest control in the upper catchment to reduce the amount of debris and sediment entering the streams
- stream channel improvement works to allow higher volumes of water to pass through the catchment
- regular maintenance of the stream channel to remove obstructions and provide relief in small rainfall events
- engineering works, such as stopbanks, to provide a floodway and protect properties
- applying appropriate landuse and building standards.

This work will result in a gradual but long-term reduction in the effects of flooding.



# Flood protection proposals

Flood protection works proposed for Graham's Creek include:

## Proposal 1

Improving the ability of the floodway to hold water by:

- diverting part of the stream to form a new channel behind Ocean Beach Road (estimated cost \$185,000)
- increasing the waterway capacity of the bridge under the causeway on Manaia Road (estimated cost \$352,000).

## Proposal 2

Preventing overland flow of water into properties by:

- constructing a stopbank on the right bank upstream of the causeway (estimated cost \$147,000)
- raising the existing foreshore stopbank (estimated cost \$112,000).

## Proposal 3

Regular maintenance of the stream channel.

This would be an annual cost to local ratepayers. The amount would be dependent on whether or not the flood protection works outlined above were implemented.

**To ensure the full benefit of these proposals is achieved, it is important that all of these works are undertaken. The total cost of this work is estimated at \$796,000.**

# Other options

Other options to reduce the risk of flooding at Graham's Creek include further stopbanking and house raising. These two options will be investigated over the coming year.

## Indicative rates

This work could commence in early 2007. Associated rating to pay for the work and ongoing maintenance would commence from July 2007.

At this stage we're unable to provide an indication of rating impacts as a comprehensive funding assessment has not been carried out. This will take place in the 2006/07 financial year. The community will be consulted further before any works or rates are implemented.

## Information day

Discuss these proposed flood protection works with Environment Waikato staff at our information day.

Saturday 1 April  
St John Ambulance Rooms  
Manaia Road, Tairua.

Drop in anytime between 10am-1pm.

## Have your say

We want to hear your views on the proposals outlined here. Please take the time to complete the attached submission form and return it to Environment Waikato.

**Submissions close 2 May 2006.**

For more information call Environment Waikato's Freephone 0800 800 401.



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## Have your say!

You can have your say on the flood protection works Environment Waikato proposes to undertake to reduce the risk of flooding at Graham's Creek.

Your comments will be considered as a formal submission on Environment Waikato's Draft Long-Term Council Community Plan.

Complete this submission form and then fold, seal and send it freepost to Environment Waikato before the closing date of 2 May 2006.

For more information check out our website – [www.ew.govt.nz](http://www.ew.govt.nz), or call Environment Waikato's Freephone 0800 800 401.

### Submitter

Name: \_\_\_\_\_

Postal address: \_\_\_\_\_

Street name of your Graham's Creek property (if not stated above): \_\_\_\_\_

\_\_\_\_\_

Telephone: daytime \_\_\_\_\_

evening \_\_\_\_\_

mobile \_\_\_\_\_

Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Group or organisation if your submission is on the behalf of others: \_\_\_\_\_

I/We wish to present my/our group's comments to the council in person

Yes  No

Signed: \_\_\_\_\_

## Your submission

The council wants to know as clearly as possible the issues you are commenting on and the changes/additions/deletions you recommend. Please follow these guidelines:

- type your submission, or write it clearly in black ink, as it will be photocopied.
- add extra pages if required.

## Proposed flood protection works

**Proposal 1:** Improving the ability of the floodway to hold water by diverting part of the stream to form a new channel behind Ocean Beach Road, and increasing the waterway capacity of the bridge under the causeway on Manaia Road.

Do you support Environment Waikato undertaking works to improve the ability of the floodway to hold water?

Yes  No

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Proposal 2:** Preventing overland flow of water into properties by constructing a stopbank on the right bank upstream of the causeway, and raising the existing foreshore stopbank.

Do you support Environment Waikato undertaking works to prevent the overland flow of water into properties?

Yes  No

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Proposal 3:** Regular maintenance of the stream channel.

Do you support Environment Waikato undertaking stream channel maintenance work on a regular basis?

Yes  No

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

No stamp  
required

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