

LOWER WAIRARAPA VALLEY DEVELOPMENT SCHEME

ADVISORY COMMITTEE MEETING

AGENDA

16 May 2012 – 1.30 pm

- | | | |
|-------|--|----------|
| (1) ✓ | Welcome | Chairman |
| (2) ✓ | Apologies | Chairman |
| (3) ✓ | Minutes of previous meeting | Mike |
| (4) ✓ | Presentation of: | Ranjan |
| | 2011/12 Annual Report | |
| | 2011/12 Financial Statement | |
| | 2012/13 Works Programme | |
| (5) ✓ | Resolutions: | Chairman |
| | (a) Scheme Annual Report & the Financial Statement | |
| | (b) Maintenance of Scheme Assets | |
| | (c) Proposed Works Programme | |
| | (d) Scheme Rates | |
| | ✓ (e) Raising of Capex Loan | |
| (6) ✓ | Update on Tawaha/Whaka Stream Project | Graeme |
| (7) ✓ | Update on the impact of Waiohine FMP on LWVDS | Graeme |
| (8) ✓ | Election of Chairman for the year 2012/13 | Mike |
| (9) ✓ | Any other business | Chairman |

TOBIN STOPBANK



BEFORE



AFTER

PAULS BANK



AFTER

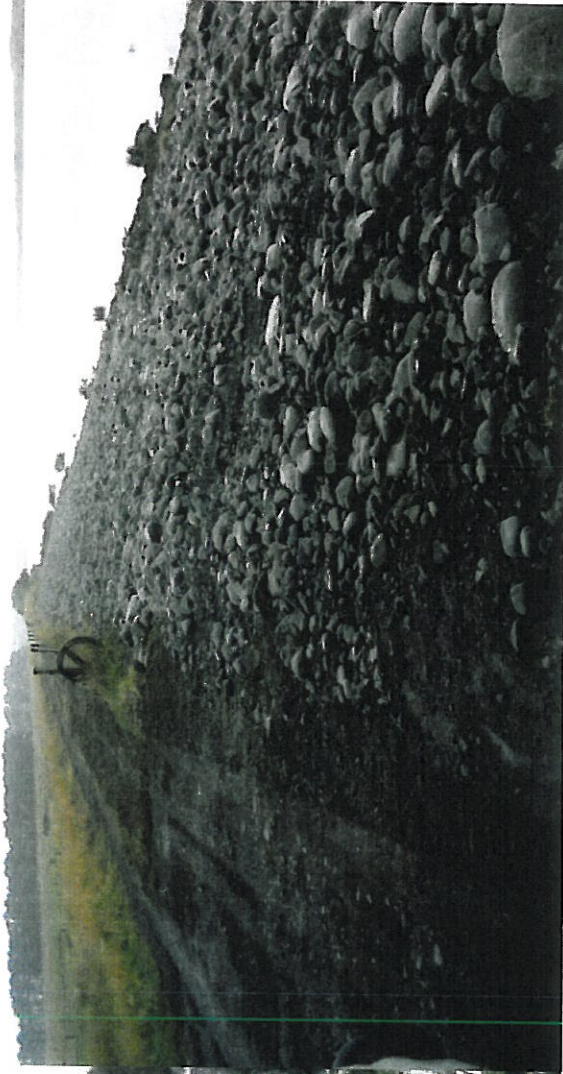


BEFORE

MACLAND STOPBANK

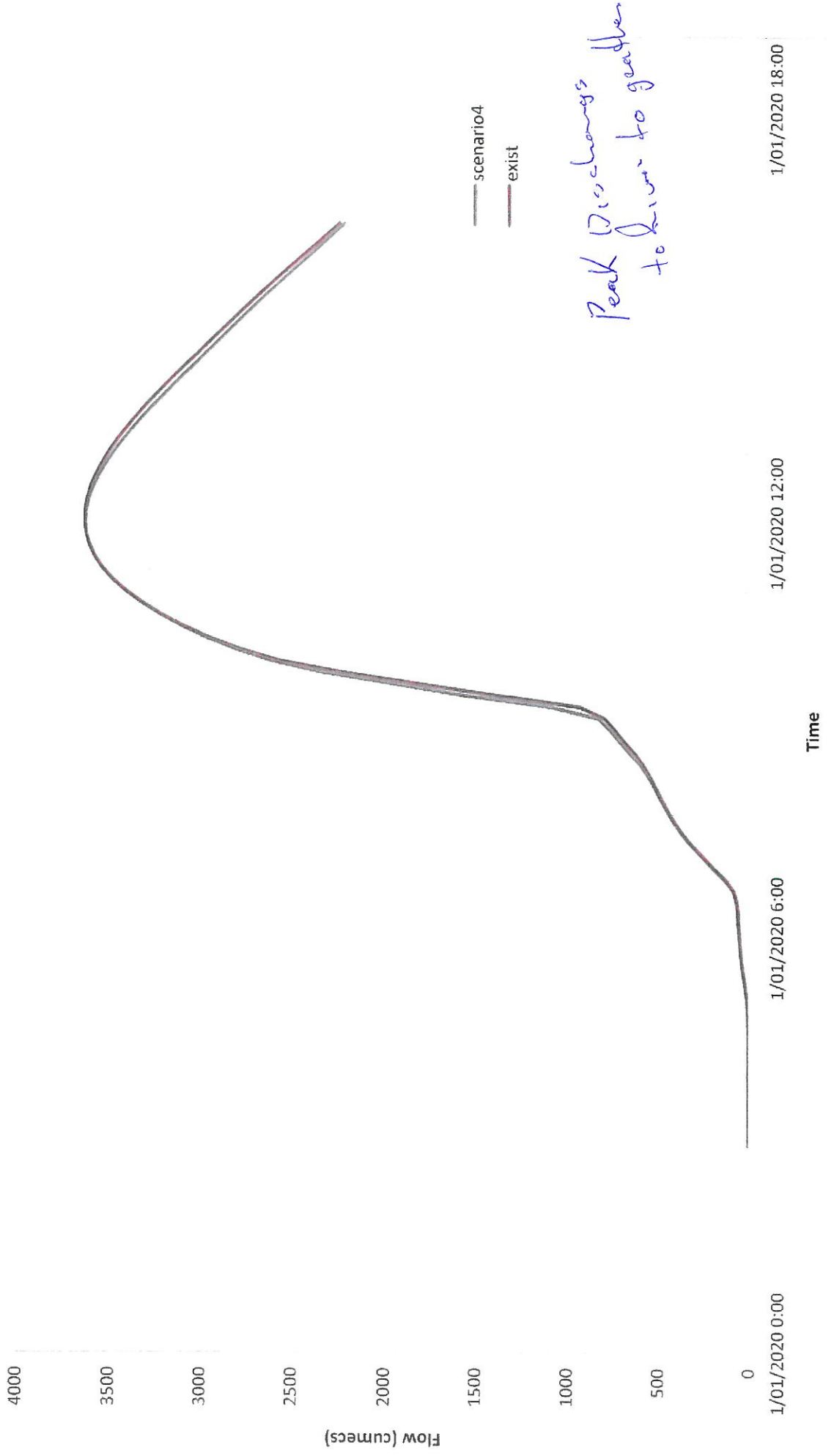


BEFORE



AFTER

Hydrograph Comparison



Ranjan Cyril

From: James Flanagan
Sent: Friday, 4 May 2012 3:10 p.m.
To: Ranjan Cyril
Cc: Graeme Campbell; Jan Van Der Vliet; Colin Munn; David Boone
Subject: Re: Modelling of the Co-incident Hydrographs for the Waiohine and Ruamahanga Rivers for their 1 in 100 year return period flows and the effect on flows at the location of the lower Valley Scheme.

Attachments: img-504145210.pdf

Hello Ranjan,

I have received the results from Phil Wallace, they show that there is not a significant issue for the lower valley scheme from the changes in flood behaviour for the currently tabled options for flood mitigation on the Waiohine River Floodplain.

I have attached an illustration of the results and its effects on the flow at the location of the lower valley scheme (pretty hard to discern). The two different coloured hydrographs labelled 'scenario4' and 'exist' represent modelling runs for the current Waiohine floodplain (exist) and for if a stopbank has been built to protect Greytown (scenario4). The request from the previous Lower Valley Scheme meeting was to show these changes when 1 in 100 year return period floods are co-incident in both the Waiohine and Ruamahanga Rivers. There is a difference in the peak flow at the location of the lower valley scheme of 4 cumecs when compared to the 3600 cumecs of the existing base case we consider this effect to not be significant (the river will have overflowed its banks).

It should however be noted that co-incident peaks for these floods are not realistic. Previously it had been demonstrated that under realistic flood conditions all of the currently proposed mitigation works on the Waiohine would not have a significant effect on the flood flows in the Lower Valley Scheme.

That should be enough to answer the question that was asked in the previous meeting. I am as always available to discuss the Waiohine FMP work with the Lower Valley Scheme Committee.

Have a good weekend Ranjan!

Cheers

James Flanagan | Senior Engineer, Flood Protection

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mg-504145210.pdf
(227 KB)



MINUTES

SUBJECT **LWVDS AGM Minutes 11 May 2011**

WHEN Wednesday 11 May 2011

WHERE South Wairarapa District Council

PRESENT Mark Lovett (Chair), Stewart Barton, Rod Sutherland, Gerard Vollebregt, Mel McConachy, Raymond Matthews, Toby Sutherland, Bernie George, Richard Osborne, Jim Headley, John Barton, John Tizard (Oakley Moran), Cr Keith Sexton (SWDC), Mark Allingham (SWDC), Cr Fran Wilde (Chair GW), Cr Peter Glensor (Deputy Chair GW), Cr Garry McPhee (GW), Graeme Campbell (GW), Colin Munn (GW), Mike Longworth (GW), Robbie Graham (GW), Deon Reweti (GW), Dan Buchanan (GW), Jeremy McLaughlin (GW)

APOLOGIES Ranjan Cyril (GW)

1. **Welcome**

The Chair welcomed everyone to the meeting and extended a warm welcome to Cr Fran Wilde, Chair GWRC, Cr Peter Glensor, Deputy Chair GWRC, Cr Garry McPhee, GWRC and Graeme Campbell, Manager Flood Protection GWRC.

2. **Previous Minutes**

The previous minutes of the meeting of 7 May 2010 were read and accepted.

Moved: Gerard Vollebregt

Seconded: Toby Sutherland

All in favour

3. **Presentation of Annual Report**

Mike Longworth presented the Annual Report for 2010/11

Moved: Stewart Barton

Seconded: Raymond Matthews

All in favour

4. Presentation of 2010/2011 Financial Report and Works Programme for 2011/2012

Mike Longworth presented the 2010/11 Financial Report and Works Programme for 2011/2012

On completion the Chair asked that a resolution be adopted for the proposed work programme.

Moved: Stewart Barton

Seconded: Mel McConachy

All in favour: Carried

5. Election of Chairperson

Mike Longworth asked if there were any nominations for Chairman. Mark Lovett was the only person nominated and he was re-elected Chairman unopposed.

Nominated: Mel McConachy

Seconded: Stewart Barton

Nominations Closed: Cr Garry McPhee

All in favour

6. Tawaha Drain

The Chair advised that although the Economic Wellbeing Committee would consider the feedback from this committee, in the end the decision on how to go forward is up the GW.

Graeme Campbell advised that Geoff Dick was now working for Marlborough District Council. Graeme provided a power point update on the investigations since December 2010. He advised that Council staff had developed the new Option 5 following consultation with landowners. The Economic Wellbeing Committee was now seeking the views of the LWVDS Advisory Committee as to Option 5 before making a decision.

There were previously 4 options up until December which showed:

- No support for options 1, 2 and 2A
- Some support for option 3
- Some support for option 4

As advised the development of option 5 came about after Geoff Dick spoke to the landowners. This will be a two stage approach. Stage 1 consists of leaving Hikinui culvert as is and widening stream drain below, widening the drain in the Hedley property to 2m with only minimal regrading and cleaning and minor regrading from Hedley's to Pahautea

Road. The trees and blockages would be removed to increase the capacity from the top to Kahutara Road. Adjust the Barton lagoon level control and increase capacity by about 1 metre, then catch-up the maintenance from Pahautea Road to Kahutara Road. The LWVD Scheme is to do a 5 yearly machine clean from Pahautea Road to Barton's lagoon, and contribute a similar amount to the Whaka Drainage Scheme for an additional spraying of weeds.

We think this will resolve residual issues. If it proves after 5 years that it is not working will add a supplementary culvert from Barton's lagoon to the Ruamahanga River or if there was landowner support could undertake regrading of the drain through the Hedley property. The LWVD Scheme has to cope with the diversion of Barton Lagoon. As yet have not worked out the triggers to see if objectives achieve so will need to work this out. Costs are as follows:

- Construction cost \$100,000
- Annual Maintenance \$1,500 (spraying, maintenance cleanout)
- Stage 2 \$180,000 (if required)

Doing it this way may not need stage 2. This staged approach only spending as much as required and doesn't shift the problem further downstream. We have talked to the lower landowners and don't want to shift the problem from one end to the other. Overall this option has quite a bit of support and is relatively close to what the engineers suggested in the 1990's. By next winter have something in place.

John Tizard of Oakley Moran then gave some background on the issue. He described the legal processes in place over the period of this issue and that the Council was of the view that the diversion of flood water was possibly not legal. Mr Tizard advised that Council was determined to ensure that this issue of drainage and diversion of flood water was going to be brought to a resolution.

The Chair gave the affected landowners John Barton, Jim Hedley and Bernie George two-minutes to speak and once they had all spoken they were asked to leave the room so that the Committee could make a decision.

There was a discussion on what to do with the Tawaha drain drainage and effect on the people downstream and what the difference was between Options 4 and 5.

The Committee members were unable to arrive at a consensus on which option 4 or 5 to support.

Cr Peter Glensor advised the Councillors present had listened to the debate and the views expressed and that the LWVD Committee did not need to arrive at a consensus on a particular option. The Regional Council will be able to select an option to pursue.

The Chair thanked Graeme Campbell and John Tizard for the presentation to the Committee.

7. General Business

Raymond Matthews advised that there was a drain on his property that needed cleaning. Deon Reweti (GW) said that this is not LWVDS work but he had been advised that the drain had been cleaned the day before.

Stewart Barton raised a question concerning the Barrage gates and whether there was a trend towards higher lake levels.

Graeme Campbell (GW) asked that Mike Longworth report back re the lake levels covering the historical and current lake levels.

Fran Wilde Chair thanked the Chair of the LWVDS for his chairmanship over the last year.

The Chair closed the meeting at:

Irene Trumper
Departmental Secretary
Flood Protection