

# Agenda – Tsunami Project Team Meeting

**Date:** 19 September 2013  
**Time:** 10am – 12.30pm  
**Venue:** Thames Valley Emergency Operating Area office, TCDC, Thames.

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## Confirmation of agenda

### Apologies

### Tairua/Pauanui Project

- Progress report
  - WRC Catchment Services Committee meeting
  - Community Board Workshop, 5 August 2013
  - Update to Community Board 9 September 2013
  - Working group meetings – 6 September and forthcoming 27 September meeting
  - Communications plan/preparation for open days
  - Issues arising?
  - Next steps (*see updated Appendix 1*)

### Mercury Bay Project – implementation and on-going work

- Status report of actions:
  - Draft sirens policy – strategy meeting, national standard
  - Public education and awareness plan
  - Mercury Bay Area School, sirens testing etc.

### Technical work

- Whitianga 1960 inundation report
- Whitianga technical report review
- Whitianga - development of hazard line recommendations using multiple events
- Whangamata and Whiritoa Technical report - update

### Other items

- EPU update
- Insurance sector follow up
  - I need to get moving on this.
- Paleo-tsunami project update
  - Good meeting yesterday, very positive. A draft Envirolink application is being drafted today, needs to be submitted in October. The draft will go to all the RC for their comment and support. If the application (2-3 pages) is successful and passes the first 'hurdle' then bodes well for the final

application/assessment.

- GNS are currently getting their historical tsunami database up to scratch and on the web by June 2014.
- The application will focus on:
  - Getting the paleo tsunami database up to scratch and updated
  - Getting the archeological data into the Paleo database
  - Getting a framework to a web interface that interrogates both databases.
  - The databases will remain with GNS and NIWA/James Goff and they will remain as their custodians to ensure they are kept upto date.
  - Unsure yet as to where the web interface will reside and who pays for the up keep of that.
  - One thought was with Geonet with funding by EQC

#### **Overview and Next Steps**

- Confirmation of next team meeting

# Tsunami project team meeting notes (26 June 2013)

**Attendees:** Adam Munro, Peter Wishart, Gary Talbot, Garry Towler, Brendan Morris.

**Apologies:** Drew Mehrtens

## Review of notes from previous meeting

The notes were reviewed, and follow-up any outstanding follow-up actions were addressed as part of the agenda.

## Tairua/Pauanui Project

### Modelling work – timing of report completion

The technical report has been completed and is now available on WRC's website. The report is on the agenda for the next WRC Catchment Services Committee meeting on 10 July 2013, and will be presented by Jose.

**Action item: Adam** to discuss the report with Simon Prior before the meeting.

The potential engagement of insurance companies was discussed. The outcomes wanted are tsunami risk awareness, minimisation of risks, but with insurance still able to be provided.

**Action item: Adam** to take to Rick and look for linkages to other hazards. We can talk to the insurance council and/or IAG, think through how this could be run, who would be involved, and what outcomes we are after.

### Communications Strategy and Plan

Support for the project has been requested by Garry, with an indication that the project will not take a huge amount of resource. Ben has limited communications resources, and is unable to take Drew away from other obligations.

**Action item: Brendan** to provide a scope of work for Garry and estimates of time based on servicing the minimum requirements for the project as soon as possible. The requirements are to be based on provision of the services by a contractor.

### Project Plan

The timing of project roll-out has been updated. This means that the open days will occur on Anniversary weekend in January 2013.

A workshop with the Tairua-Pauanui Community Board will be held on 5 August now that the technical report has been completed. The workshop will cover any changes to the final version of the report and how the project will unfold for the Tairua-Pauanui community. The workshop will be held at the Tairua Library, the start time is 10am, and we aim to conclude at 11.30am.

**Action item: Brendan** to liaise with Garry and Lorna in preparation for the 5 August Tairua-Pauanui Community Board tsunami workshop.

## **Mercury Bay Project – implementation of tsunami risk management plan/on-going work:**

### **Sirens policy**

Pam is comfortable with the policy statements in the draft. Garry noted that the use of sirens is community driven, and will be a political issue. Pam noted that money has been forwarded to the 2013/14 FY. There is also a push from Bob Renton at Tairua-Pauanui to get more sirens. Pam suggested that we take this to the TCDC strategy team first, then take it a bit wider – we may get some new direction from that meeting first. Pam also suggested that we take it to the quarterly Community Board strategy team meeting as well.

**Action item:** Pam to provide dates for the meetings

### **Communications (including public education and awareness)**

The public education and awareness actions are yet to be complete.

**Action item:** Brendan to follow up.

### **Evacuation planning**

Gary noted that the tsunami evacuation plan is the only one that exists, it is a public document that has been disseminated, and that the Police attitude is that we make it up on the day – largely as a result of the police presence being the “thin blue dotted line” in Coromandel. CDEM Group evacuation plans will be picked up as part of the 2013/14 and 2014/15 FY's. It is on the work programme, and because of the risks we will make Whitianga, Tairua-Pauanui and Whangamata our key priorities.

### **1960 inundation report**

The report has been separated from the technical report, and is a separate item to be formalized. The release of the report will provide a very good public education and awareness opportunity in Whitianga.

**Action item:** Brendan to facilitate discussions to complete the work.

### **Whitianga technical report review**

Vernon has been unable to contact Gagar Presetya. Vernon has sent an email to Willem De Lange at Waikato University to request assistance with the final amendments to the report, since he is now the only available author.

**Action item:** Adam to follow up report completion with Vernon.

### **Hazard line recommendations**

The project team previously discussed and confirmed the need to produce hazard lines based on multiple events and GNS Guidelines. There are some issues with the current GNS guidelines – particularly the production of and generalisation of lines for both distant and regional events, and the use of the risk assessment table which is now out of date. Both these issues have been discussed with Wendy Saunders from GNS.

There is a need to confirm how many scenarios we need to consider for this exercise, and whether or not we should include the previous NIWA report.

**Action item: Brendan** to develop draft report to consolidate all information on Whitianga inundation, and provide recommendations on hazard zones based on Wendy Saunders' tsunami land-use planning guideline (carried forward).

### **Items for discussion**

The following items were discussed:

**TVEOA sirens update:** we have just done servicing on these – in many cases the hinges are starting to rust up. September is when the sirens will be tested, and notifications will be sent out to let people know. The sirens will be tested on the Friday prior to daylight saving. The CDEM Group is looking at completing community risk plans during the 2014/15 and 2015/16 FY's.

**Whangamata research proposal:** Adam has talked to Jose regarding this, and he has been contracted to do the work. This work will be running behind the scenes, with a final report completed by June 2014. When and how to involve the Whangamata Community Board needs to be confirmed. The team discussed the possibility of doing Whiritoa as well, however bathymetry may not be there. If this is an issue, it will be addressed as a part of the modelling.

**Appendix 3 from draft sirens policy:** There has been a high level of interest from Councils around New Zealand on the status of usage of sirens. The team confirmed that it was okay to send out Appendix 3 to participants, CDEM Groups, GNS, and MCDEM.

**Paleo-tsunami project proposal:** there is no one-stop-shop for tsunami, bathymetry and LIDAR, with this information all being held separately by regions. The driver behind this idea is James Goff, and he holds a considerable amount of information. James Goff's goal is to get a national level database up and running, and Auckland are keen to progress this. ECAN are also interested and are suggesting Envirolink funding as a seed funding opportunity. Adam noted that a project such as this will take a lot of hand shaking between the scientists, and is still very much a work in progress.

**Update to GNS 2005 tsunami reports:** Adam updated the team on delays to this project due to a previously undetected modelling flaw. It is anticipated that this work will now be completed around the end of September 2013.

**Modelling impacts of islands on tsunami paper:** Peter has forwarded a paper from Cornell University to Adam. Adam will pass this on to Jose for consideration and further discussion as required.

**Project manager contract:** this has been confirmed for 2013/14.

### **Next meeting**

**Confirmation of next team meeting** – Thursday 1 August, 9am via teleconference (*subsequently postponed until 19 September 2013*).

## Appendix 1: Tairua-Pauanui project timeline (updated 12 Sept 2013)

Complete	In progress	To be started
<b>Task/Milestone</b>		<b>Timing</b>
Completion of Tairua-Pauanui technical report (Jose/Adam).		June/July 13?
Confirm draft working group membership.		April 13
Communications plan developed.		June/July 13?
Report to <b>Community Board</b> meeting – technical report, working group membership, progress on open days.		5 August 13
Develop material for open days – tidy up reports, summary document, brochures, web site etc. General preparation for open days - confirm venues, workshop attendance etc.		July – December 13
Initial <b>Working Group</b> meeting. Present technical report, outline process for open days, communications plan.		6 September 13
Report to <b>Community Board</b> – project update, feedback from first working group meeting.		9 September 13
Second <b>Working Group</b> meeting. Present risk management options and seek views on what working group will recommend for Tairua-Pauanui.		27 September 13
Report to <b>Community Board</b> – update and feedback from second meeting.		4 November 13
Third <b>Working Group</b> meeting. Discuss draft risk management recommendations and sign-off on these for presentation to communities.		Late November 13
Report to <b>Community Board</b> – presentation of draft risk management recommendations, sign-off on final arrangements for open days.		9 December
Hold community <b>Open Days</b>		25 and 26 January 14
Report to <b>Community Board</b> – report back on open days feedback and proposed updates to risk management plan		February/March 14
Finalise risk management plan		April 14
Report to <b>Community Board</b> – sign-off on risk management plan and implementation phase		May/June 14
Begin implementation phase		2014/15 FY onwards