

# TAKAKA FRESHWATER AND LAND ADVISORY GROUP

## AGENDA

9.30AM – 3.00PM / FRIDAY 27 NOVEMBER 2015 / TAKAKA FIRE STATION

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### Purpose of meeting:

- Scope water quality issues and information needs
  - Agree nutrient limits for Te Waikoropupu Springs and upstream zones
  - Reconcile nutrient limits with quantity limits to reach a final position on quantity and quality (nutrient) limits for Te Waikoropupu Springs and upstream zones
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**9.30 AM**      **Welcome & Karakia**

*Outline of the day*

**9.40**            **Check-in**

*Anyone can share once, on anything 'going on' for them*

**9.50**            **Updates**

- Report back to EPC (5-10 mins)
- Recommendation re s329 restrictions for Waingaro River (10 mins)
- Water consent applications prior to notification of plan change (5 mins)
- Gunsboro hearing (5 mins)
- Engagement with local iwi (5-10 mins)
- Community 'consultation' – document and open day progress (5-10 mins)
- Recap on 2015 – what has been covered in the meetings, where we are in the process and what remains to be achieved (10 mins)

**10.45**            **Quality issues & information**

The area and issues to be covered today and in upcoming sessions  
What information is available and useful (based on FLAG requests)  
*Discuss and agree (15 mins)*

**11.00**            **Kapu Ti**

**Session 1**      **Te Waikoropupu Springs – Overview**

**11.15**            **Te Waikoropupu Springs - Overview of FLAG decisions so far**

Values, management objectives, attribute states and limits (including WW bands)  
*Presentation – Lisa McG (20 min)*  
*Q&A – clarification only (15 mins)*

**11.50**            **Anything still to be decided on attributes so FLAG can proceed?**

[If needed, this session may push rest of agenda out 30 mins].

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### **Session 2 Modelling land use and water allocation implications for water quality at Te Waikoropupu Springs**

#### **12.00 The modelling of water quality-land use relationships**

Recap on the modelling approach: assumptions, limitations and uncertainties, and its useful applications

OVERSEER modelling of dryland and irrigated nitrate losses for current and future scenarios

*Presentation – Andrew F & Mirka L (15mins)*

*Q&A (15mins)*

#### **12.30 Predicted changes in nitrates at Te Waikoropupu Springs**

Results of different scenarios, including FLAG interim decisions on allocation limits in the Takaka River catchment.

*Presentation – Andrew F (20 mins)*

*Q&A (10 mins) [Note time after lunch to discuss implications of modelling results]*

#### **1.00pm LUNCH**

### **Session 3 Te Waikoropupu Springs – integration of water quantity and quality limits**

#### **1.30 Te Waikoropupu Springs – integration of water quantity and quality limits**

Based on modelling results, and WaterWheel thresholds, review FLAG decisions so far.

Consider:

1. Is there a risk to nutrient-impacted values?
2. If so, what are the values at risk?
3. At what concentrations (limits) might these values be affected?

Decide:

1. Allocation limits – are they appropriate for desired protection?
2. Attribute bands for water quality – are these appropriate?

Provide the rationale for your answers to 1&2 above, and any alternative suggestions if needed.

*Breakout groups x3 – 30 mins*

*Whole group discuss & agree (report back from breakout groups as part of discussion as each question is considered) –30 mins*

#### **2.30pm Te Waikoropupu Springs – summary**

What has been decided today?

Anything unresolved? If so, what is needed for FLAG to make decisions?

What other water quality attributes need limits set, in these zones?

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2.45

### Summary

- Any comments or reflection on the day?
- December 18<sup>th</sup> meeting – can we use it?
  - may need 18<sup>th</sup> Dec to complete session 3 from today.
- What will be happening over Dec/Jan?
- Farewell & thanks to Mary-Anne and Lisa
- Confirm 2016 meeting dates (done via email)

3.00

### FINISH