



Takaka Freshwater and Land Advisory Group

Meeting 1: Project Overview

Mary-Anne Baker

4th July 2014

Presentation Content

- A brief history
- The water management context
- What we know
 - State of the Environment snapshot
- Challenges
- The job ahead

History of Management Actions

- **1986** consents granted to take water from Te Waikoropupu Springs
- **1992** Interim water management policies adopted by NMRC
- Commitment to further investigate ground and surface water connections prior to development of Water Management Plan

.... History

- **2001** TRMP provisions –
 - adopt similar commitment for further work
 - Introduce default allocation policies and rules
- **2005 - 07** Te Kakau and Motupipi management
- **2013** Updated resource summary completed
- **2010** Part IV; generally manages stock access and river bed disturbances
- **2014 – TRMP**
 - Nutrient data recording now required
 - Efficient irrigation – detail specified

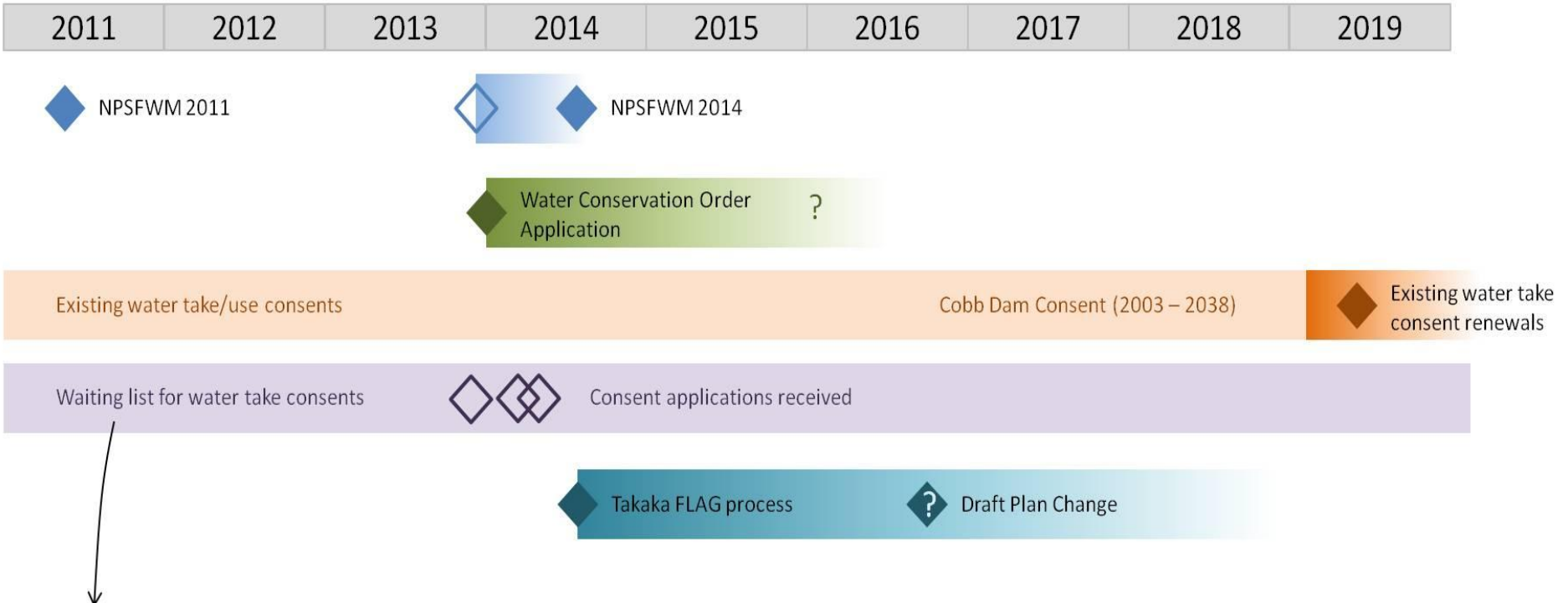
Current Management Framework

- **Tasman Resource Management Plan**
 - Some Golden Bay water body uses and values described (schedule 30)
 - Te Waikoropupu Springs specifically recognised
 - Default allocation limits for abstraction
 - Surface water: limit based on standard % of flow
 - No groundwater limits specified but historic limit information used
 - Uses and Values for which water quantity to be maintained are listed:
 - Part IV; generally manages stock access and river bed disturbances

MAINTAIN AND ENHANCE

- **Water Quality “Maintain and enhance”**
 - State of the Environment monitoring
 - Rules to manage point source discharges
- **Existing provisions manage point source discharges**
 - Rules for discharge activities
 - Some classifications with water quality standards
- **SEM indicates non-point sources not well managed**

Water Management Context



Waiting list for water take consents in Takaka

Application Number	Registration Number	Priority Order	Applicant Name	Property Valuation	Quantity (m ³ /week)
TAKAKA					
Marble Aquifers (Waikoropupu Springs) Recharge Zone					
RM110282	1		K J Savage	1870018700	2,410
RM110387	2		J M & B A Hills	1870029000	19,500
RM110395	3		Gunsboro Ltd	1870017500	24,417
RM110399	4		MacLean Family Trust	1870016201	14,400
RM110464	5		J M & B A Hills	1870029000	10,500
RM110466	6		Craigieburn Farms	1870026904	30,000
RM120687	7		Gunsboro Ltd	1870017500	17,833
RM130221	8		A D Harwood Ltd	1870038300	18,000
RM130220	9		Rosser Holdings	1870030600	6,300
RM130261	10		C Sowman	1870027400	27,216
RM130848	11		Dos Rios Dairy Ltd	1870020004	6,000

NATIONAL POLICY STATEMENT for FRESHWATER MANAGEMENT 2014

- Focus on community and iwi involvement
- Explicit recognition of values and uses to inform management objectives
- Require efficient use of fresh water by end users
- Maintain or improve the overall quality of fresh water within a region
- Avoid the over allocation of water takes and inputs of contaminants

...NPSFM 2014

- Implement National Objective Framework by
 - setting freshwater objectives according to a specified values
 - using a specified set of water quality measures (attributes) to set the freshwater objectives
- Measures to ensure management objectives will be met;
 - Address and prevent over-allocation
 - Set limits – (e.g allocation limits and catchment loads)
 - Adopt methods, including rules.
 - Account for takes and contaminant sources
- take a more integrated approach to managing fresh water and coastal water

NPSFM 2014

- **Compulsory Values**

- Manage freshwater bodies so people's health is safeguarded when wading or boating (a minimum requirement)
 - *Attribute states specified for e.coli, cyanobacteria*
- safeguard fresh water's life supporting capacity, ecosystem processes, and indigenous species including their associated ecosystems
 - *Attribute states specified for nitrate toxicity, periphyton – chlorophyll , ammonia toxicity, Oxygen*

- Fully implement the National Policy Statement by 2025.

Existing Consents and Waiting Lists

- A number of water take and contaminant discharge consents are current.
 - Subject to a range of conditions including rationing.
- A number of potential users are registered on the waiting list for the Marble Aquifers (Waikoropupu Springs) Recharge
- New applications to take are being made.

WATER CONSERVATION ORDER

- Application to the Minister has been made
 - Different process – similar issues/outcomes
 - Potential Plan provisions wider in scope
 - Decision not yet made
 - Preference would be to hold application till Plan provisions adopted but -
 - “Wait and See”

WHAT WE KNOW

■ **Quality - State of the Environment**

- Takaka River and coastal catchments - generally good water quality and ecosystem health
- Motupipi not so much – nutrient challenges

■ **Quantity – Resource Summary**

- No minimum flows (or rationing triggers) specified
- Cobb dam releases impact on river flow
- “Fully allocated” for recharge based on informal limit
- Security of supply for users? (Consent based rationing)
- No allocation limits elsewhere

What is the Problem?

- High demand (current and future) for resources:
 - Waiting lists for new water uses
 - Uncertainty about limits or outcomes
 - High costs
 - Transaction costs for resource users
 - Opportunity costs by not meeting demand
 - Risks to water quality and quantity
- Better understanding needed of the links between land use and water resources including the coast

OUTPUT EXPECTED

- A draft plan change for Council approval that includes:
 - water quality and quantity necessary to meet management objectives and
 - Measures to ensure objectives will be met including;
 - Allocation limits for abstraction
 - Nutrient (and other contaminant) limits; e.g catchment loads that will ensure water quality objectives met
 - Methods such as land use controls, property or catchment scale leaching rate limits, nutrient management requirements, etc.

Outputs expected

- Acceptance from the wider stakeholders and public with an interest in this issue.
- Consistent with TRMP policy and also with the NPSFM.

CHALLENGES

- There is never enough detail, information or time
- Available tools may not meet all needs (e.g. Overseer for all land use systems)
- Limited budget for new investigation or research
- Lots of community interest in the plan provisions and the water quality outcomes.

TIME FRAME and PROCESS PLAN

- Draft plan change to be prepared for Council consideration by 2016
- Process plan to include key decision points

Key Process Milestones

- Freshwater Management Units determined
- Management objectives agreed (account for national values and compulsory values)
 - Water body attributes identified
 - Attribute states set; including minimum flows and levels, nutrient state, e.coli levels etc (refer also to the NOF)
- Solutions package developed
- Draft Plan including implementation programme drafted

Resources

- **Staff;**
 - Technical
 - Policy advice
 - Administration – note taking, agenda, support
- **Facilitation (as required)**
- **Research assistance**
- **Meeting venue**
- **Website**

Тяк си ти!