

# Dealing with the tensions between the Lake and Land use in the Catchment

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## Key messages

- Tension has existed since European colonisation
- Water quality as a national political issue came to the head in 2017 around the Selwyn (Waikirikiri) River
- Changes in land use both urban and rural will continue – its how we mitigate/minimise the effects.



## Context

- Selwyn continues to expand  
- **2013-2017 Average 6.3% annual population growth**
- QLDC 5.3%
- Waimakariri 3.4%



## Residential New Builds (SDC)

2013	1239	\$387m
2014	1455	\$493m
2015	1501	\$413m
2016	1497	\$444m



## Key Drivers

Earthquake Relocation	Industrial	Southern Motorway 2020	CPW
Special Housing Area	Izone/Iport	Improved access	Stage 1 – 2015
NPS Urban Development	2 x Inland Ports	Improved Journey Time	Stage 2 + 2018
	Dairy Plants		Sheffield – 2017



## How it may play out

- Ongoing residential growth
- Ongoing industrial & commercial growth
  - **Wet industries**
  - **Logistics/Multi-Modal Hubs**
- Change in Farming Practices
  - **Reliable irrigation**
  - **Mixed use opportunities**
  - **Reduced demand on aquifer**



## We Acknowledge

- Legacy nutrients in the system
- Lake quality may get worse before it gets better
- Considerable goodwill evident between all parties



## Tactics (doing now)

- Improved stormwater management
- Improved wastewater management (town & country)
- Farm Environment Plans (nutrient reduction)
- District Plan – 2020
- Considerable investment in Lake improvement
  - **Fresh start for Fresh Water**
  - **Freshwater Improvement Fund**
  - **Fonterra/Ngai Tahu**
  - **Private/Public partnerships?**



## Summary

- The District continues to grow (town & country)
- The tension/pressure on the Lake will continue
- It will take time, consensus, commitment, science and investment improvement



## Thank You

