

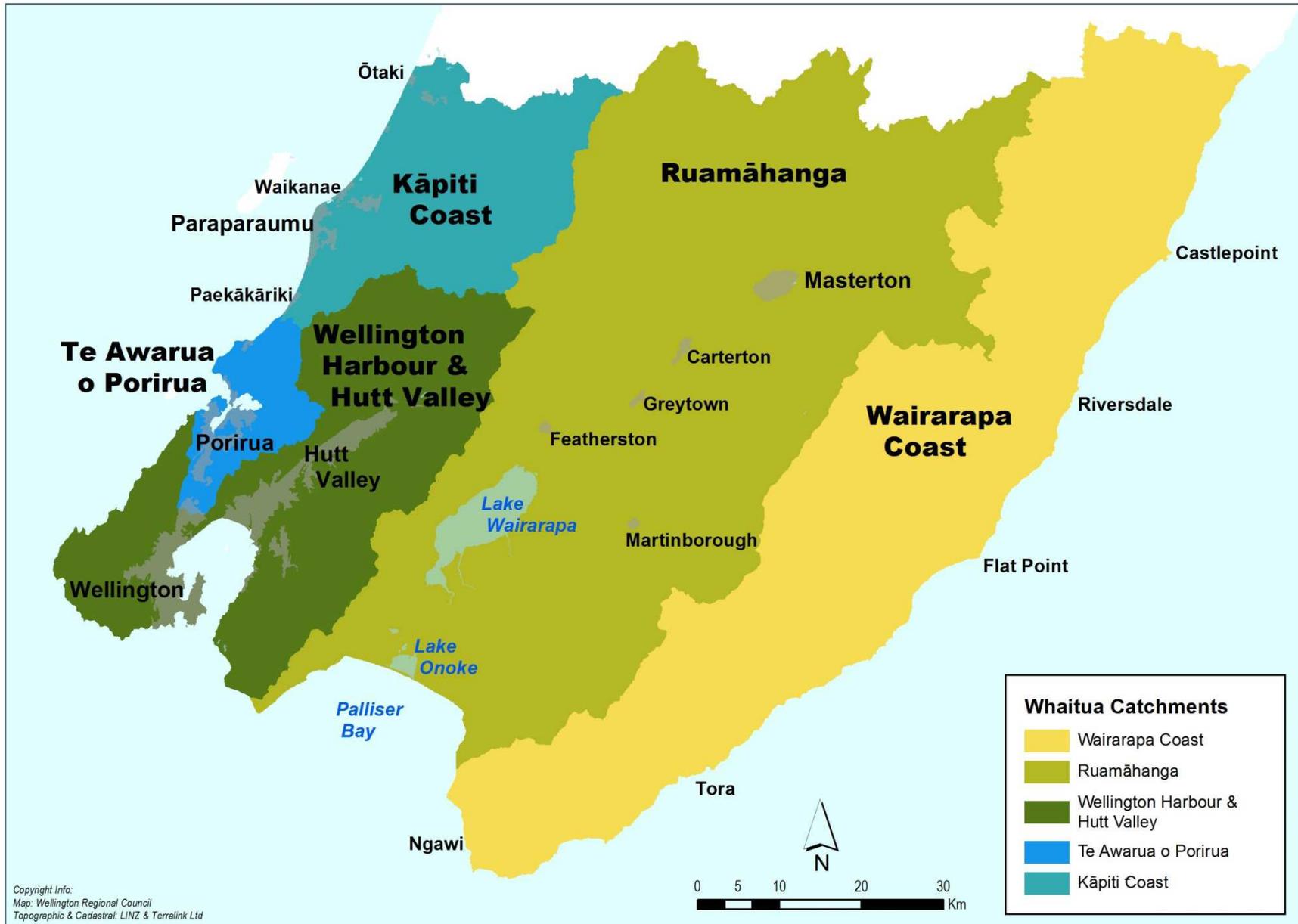
Te Awarua-o-Porirua Whaitua



**Committee Presentation to Porirua City Council
District Plan Reference Group
July 26, 2018**



Whaitua



Giving Effect to the National Policy

Statement for Freshwater Management

- Setting freshwater objectives and limits (for water takes and discharges) in regional plans
- Maintain or improve water quality
- National bottom lines
- 90% 'swimmable' by 2040
- Avoid over allocation
- Reflect mana whenua values and interests



What & Why?

- Community-led, collaborative process
- Reflect and meet community values
- Draws on wide range evidence
- Policy development
 - Porirua specific recommendations

Who are we?



Current state Porirua

- Swimming high risk in streams and parts of harbour (wastewater pollution)
- Ecosystem health under stress
 - Excessive sediment in harbour
 - Metals and ammonia issues, particularly urban streams and harbour hotspots
 - Bugs and fish communities impacted
- Cultural values and uses impacted

Freshwater objectives

- 23 streams
- 9 water quality factors
- Lots of information from various sources
- Established objectives

Freshwater objectives cont'd

Reporting point name	E.coli		Ammonia toxicity		Nitrate toxicity		Dissolved zinc toxicity		Dissolved copper toxicity		MCI		Periphyton		Native Fish	
	Current State	Objective	Current State	Objective	Current State	Objective	Current State	Objective	Current State	Objective	Current State	Objective	Current State	Objective	Current State	Objective
Taupo Stream	E	B	B	A	B	A	C	A	D	B	C	B	C	B	C	C
Pauatahanui Stream	E	C*	B	A	A	A	A	A	A	A*	C-B	B	C	B+	B	A
Porirua Stream at Kenepuru Drive	E	C	C	C	B	B	C	C	D	C	C	C+	B	B+	C-B	B

We are looking to REDUCE

- *E. coli* levels everywhere – safer swimming
- Sediment and muddiness
- Metals and ammonia

IMPROVE ecological health

What does this require?

Changing how we manage:

- Existing stormwater & wastewater
- Rural land use
- Urban development – both new and infill
- Existing urban land uses

Economic considerations

- NPS-FM requirement – bottom lines **MUST** be met
- Costs considered in finalising objectives
- Wastewater upgrade costs are necessary
- Opportunities within new development
 - must deliver water quality improvements

Change is inevitable

- WIP recommends limits which will impact our city into the future and improve outcomes
- Recommendations for process and non-regulatory action
- Changes will influence public and private stakeholders
- Education necessary

Moving forward

- Align regional, district and infrastructure planning
- Join up information
- Join up implementation
- Integrating land and water management
- Transition to water sensitive principles

Timeline

