

# ACCELERATING LOCAL ACTION FOR OUR FRESH WATER



## UPPER CLUTHA COMMUNITY CATCHMENT PLAN SUMMARY

# Community Catchment Plan

The responsibility for our waterways, expressed in the concept of ki uta ki tai (from the mountains to the sea), is especially important in the Upper Clutha, given our location at the headwaters of the mighty Mata-Au.

The Community Catchment Plan is our shared roadmap to improve and maintain the long-term health of Upper Clutha's freshwater.

## COMMUNITY CATCHMENT PLAN OBJECTIVES



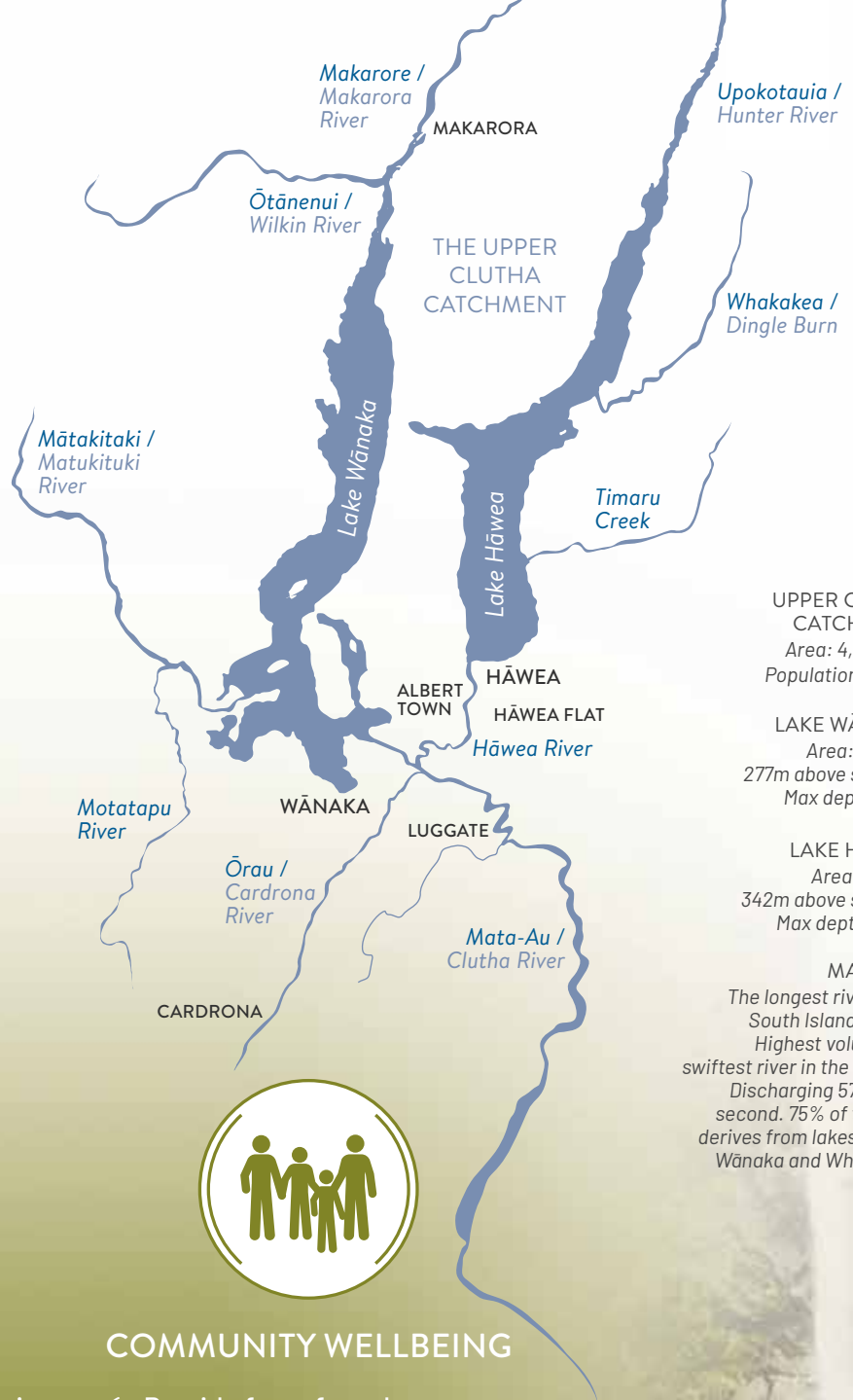
### HEALTHY ECOSYSTEMS

1. Maintain and improve water quality in lakes, rivers, wetlands and aquifers
2. Ensure natural waterway habitats are maintained and improved
3. The abundance and diversity of aquatic life is maintained and improved
4. Ensure water quantity in lakes, rivers, wetlands and aquifers is managed in a way that provides:
  - Instream flows for natural variation
  - Maintenance of natural lake levels in Lake Wānaka
  - Establishment of volume/rate allocation limits for lakes, rivers and aquifers
5. Ensure ecological processes are functioning normally



### COMMUNITY WELLBEING

6. Provide for safe and effective recreation
7. Social wellbeing by enabling:
  - Engagement with Government, ORC, QLDC, local community and visitors
  - Satisfactory drinking water supply
8. Economic wellbeing through sustainable agriculture, tourism and urbanisation
9. Cultural values provided for through:
  - Sustainable harvest of mahika kai species
  - Maintaining ease of access to all waterways
  - Maintaining connection to places of spiritual meaning
  - Achieving excellence in all aspects of water management

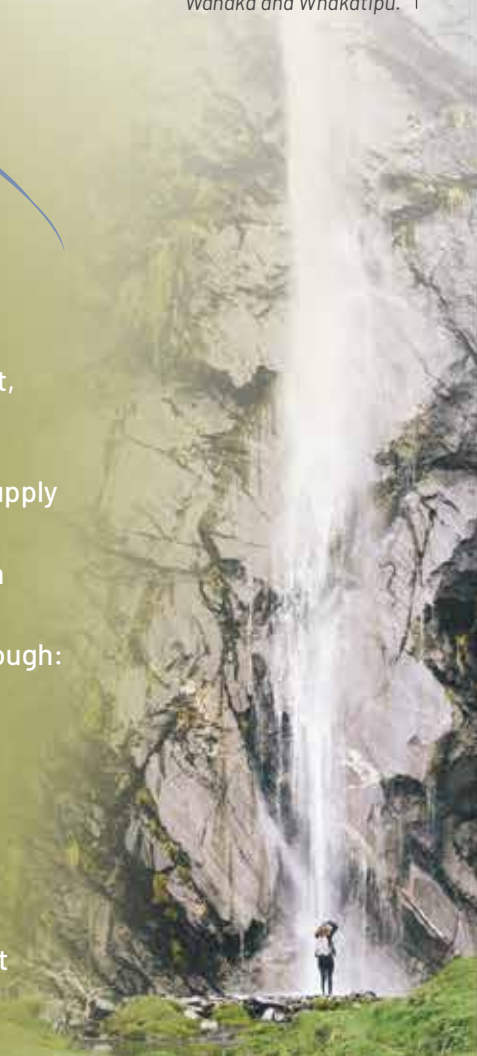


UPPER CLUTHA CATCHMENT:  
Area: 4,600 km<sup>2</sup>  
Population: 13,640

LAKE WĀNAKA:  
Area: 192 km<sup>2</sup>  
277m above sea level  
Max depth: 311m

LAKE HĀWEA:  
Area: 141 km<sup>2</sup>  
342m above sea level  
Max depth: 392m

MATA-AU:  
The longest river in the South Island: 338km  
Highest volume and swiftest river in the country.  
Discharging 575m<sup>3</sup> per second. 75% of this flow derives from lakes Hāwea, Wānaka and Whakatipu.





# RISKS TO THE HEALTH OF OUR WATERWAYS

The Community Catchment Plan assess pressures on the natural environment including water pollution, drought and flooding, biodiversity loss, soil erosion and loss of natural habitat arising from:



RURAL DEVELOPMENT



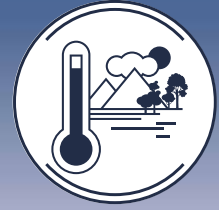
URBAN DEVELOPMENT



INCREASING TOURIST & RECREATIONAL ACTIVITIES



INTRODUCTION AND SPREAD OF PEST FLORA & FAUNA



CLIMATE CHANGE

## HOW DOES THE COMMUNITY CATCHMENT PLAN HELP?

It identifies 60 actions that need to be taken to mitigate the effects of human activity on our ecosystems. Some of these fall within the responsibility of the Otago Regional Council and the Queenstown Lakes District Council. Other actions will be led by the community. Most of the actions fall within one of these 5 areas:



LAND MANAGEMENT

Assist landowners with farm planning and monitoring

Assist with development of landowner environment groups

Identify high risk areas for landslide, erosion and sediment loss

Support new technologies and innovation



URBAN DEVELOPMENT

Assist with development of Business Environment Plans

Create education programme on sediment management

Develop stormwater design guidelines

Advocate for sustainable management of developments in ecologically sensitive areas



ECOSYSTEM ACTIONS

Educate public to prevent the spread of invasive species

Ensure future instream structures provide fish passage

Promote re-vegetation and expansion of existing wetlands



COLLABORATION, BEHAVIOUR CHANGE AND PARTNERSHIPS

Develop community engagement strategy

Develop planning and assessment tools to guide multi-sector partnership

Build institutional capacity for integrated environmental initiatives



MĀTAURANGA MĀORI

Identify cultural values with local rūnaka

Prevent further development on cultural sites or locations that may adversely effect such sites

Healthy ecosystems and community wellbeing for future generations

29,931 : NATIVES PLANTED (AT JAN 2022)  
 40,754 : M<sup>2</sup> OF RIPARIAN ZONES PROTECTED (THAT'S MORE THAN 5 RUGBY FIELDS!)  
 3 : BIODIVERSITY MONITORING PROGRAMMES STARTED  
 192 : WATER TESTS COMPLETED AT 32 SITES OVER 18 MONTHS  
 83% : OF PRIMARY INCOME FARMS IN THE UPPER CLUTHA CATCHMENT ARE ENGAGED

FIND OUT MORE ABOUT THE ACTIONS AND TRACK THE PROGRESS BEING MADE ON OUR WEBSITE: [waiwanaka.nz/ccp\\_actions](http://waiwanaka.nz/ccp_actions)

BY WORKING TOGETHER, WE EMPOWER COMMUNITIES TO UNDERSTAND THEIR WATER, THEIR ENVIRONMENT, AND THEIR IMPACT



## MŌ TĀTOU, Ā, MŌ KĀ URI, Ā MURI AKE NEI

For all of us and those generations who come after us (Kāi Tahu proverb)

### WHAT CAN I DO?

Get involved. The more hands and minds working together towards the same goal, the greater the outcome. Become a WAI ambassador and share our stories and mahi with others.

Donate today to accelerate action for our fresh water. Your donation will support education programmes, native planting, pest control, biodiversity monitoring, scientific research and community collaboration.

Sign up for our newsletter and follow us on social media to stay informed about events, workshops and other opportunities or help us do the mahi by joining our team of volunteers.



WATER  
ACTION  
INITIATIVE



[waiwanaka.nz/donate](https://waiwanaka.nz/donate)



[www.waiwanaka.nz](https://www.waiwanaka.nz)



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THE FULL COMMUNITY CATCHMENT PLAN IS AVAILABLE FOR DOWNLOAD FROM OUR WEBSITE