

# COASTAL TARARUA CATCHMENT

## STATE OF ENVIRONMENT SUMMARY 2019

Publish date: September 2019

### MAIN WATER BODIES

Akitio and Ōwahanga Rivers

### CLIMATE AND AIR

Mean annual rainfall ranges from around **1,000 mm** near the coast to **1,500 mm** in the hills.

**Potential climate impact:** Akitio and Ōwahanga are projected to have less rainfall overall by 2040, with a potential decrease in rainfall of around 15% by 2090.

Air quality is not currently monitored in the Coastal Tararua.

### LAND

CATCHMENT AREA: **122,200 hectares**

HIGHLY ERODIBLE LAND:  
**30,241 ha**

**25%** OF THE CATCHMENT

VERSATILE SOILS:  
**0 ha**

**0%** OF THE CATCHMENT

LAND USE:

**71%** Sheep and/or beef  
**15%** Native cover  
**1%** Dairy  
**5%** Forestry  
**8%** Other



### BIODIVERSITY

KNOWN WETLANDS:  
**329 ha**

**10**  
SITES

KNOWN BUSH REMNANTS:  
**4,529 ha**

**99**  
SITES

### GROUNDWATER QUALITY

PREDOMINANT TYPE: **UNCHARACTERISED**

Due to limited availability, groundwater is not well-utilised in the Coastal Tararua.

Groundwater levels are not currently monitored in this catchment.

### WATER QUANTITY

**0** COMMERCIAL HYDROELECTRICITY SCHEMES

**1**

GROUND WATER MANAGEMENT ZONES

EAST COAST ALLOCATION LIMIT UNSPECIFIED

**3**

WATER MANAGEMENT ZONES AND **5** SUB ZONES, OF WHICH:

**3**

HAVE WATER AVAILABLE

**2**

ARE WITHIN 95 - 100% OF TOTAL ALLOCATION

**0**

OVER-ALLOCATED

### WATER USE

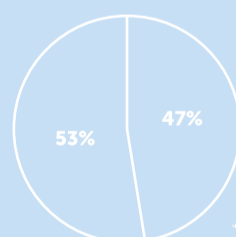
EXCLUDING HYDROELECTRICITY

CONSENTED WATER USE:

**53%** Agriculture and Horticulture

**47%** Municipal

**0%** Industry/Other



### LAKES

LAKES OVER 1 HECTARE IN SIZE: **4**

**2**

LAKES SURVEYED FOR ECOLOGICAL HEALTH USING LAKESPI

**0**

EXCELLENT HEALTH

**2**

MODERATE – HIGH HEALTH

**0**

NON-VEGETATED OR POOR HEALTH

### ESTUARIES AND COAST

TOTAL NUMBER OF ESTUARIES: **15**

VULNERABILITY TO SEDIMENT AND NUTRIENTS

LOW-MODERATE

**11**

MODERATE

**2**

MODERATE-HIGH

**2**

### RIVER WATER QUALITY

PROPORTION OF SITES SHOWING IMPROVING TRENDS FOR THE 10 YEAR PERIOD ENDING JULY 2017



STATE COMPARED TO ONE PLAN TARGETS



### SWIM SPOTS

Proportion of the length of large rivers (Order 4 and above) in the catchment currently assessed as suitable for swimming under the National Policy Statement for Freshwater Management (**NPS-FM**): **6%**

TOTAL STREAM LENGTH IN THE CATCHMENT:  
**1,797 km**

TOTAL STREAM LENGTH FOR LARGE RIVERS (> ORDER 4):  
**254 km**