## **CANTERBURY LAND AND WATER REGIONAL PLAN (LWRP)**

## Incorporating operative Plan Changes 1, 2, 3, 4, 5 and 6

## Series Sheet A - Map Units Series Sheet B - Map Units **Nutrient Allocation Zones** Zones and other areas Zones and other areas Christchurch Goundwater Lake Zone Wairewa Valley Floor Area Salmon Spawning Sites Protection Zone Unclassified Rivers Where Damming is Irrigation Scheme Area Refer to Hurunui Waiau Water Quality Outcomes Prohibited River Regional Plan Not Met Surface Water Catchments Phosphorus Sediment Risk Inanga Spawning Habitats At Risk Flow Sensitive Catchment High Soil Erosion Risk Te Waihora Cultural Meets Water Quality Boundary Landscape/Values Halswell / Huritini **Environmental Flow &** Management Area - Lake Catchment Allocation Zones Woolston/Heathcote Sub Regional Chapter Water Quality Management Units and Water Quality Classes **Groundwater Management** Boundary Rivers\* Surface Water Allocation Zones Natural State Hill-fed Lower Minimum Flow Sites Alpine Upland Hill-fed Lower Urban **Groundwater Allocation Zones** Planning Unit Boundary Spring-fed Lower Basin Hill-fed Upland Groundwater Allocation Spring-fed Plains Spring-fed Upland Zones Combined Surface & Spring-fed Plains-Urban Lake-fed **Groundwater Allocation Zones** Conjunctive Use Zone Alpine Lower Rivers and streams in areas Little Rakaia covered by other regions **Upper Coopers** Banks Peninsula Rakaia-Selwyn \* These representations of stream and river centrelines may not align with the ground Selwyn-Waimakariri path of actual water bodies Aguifer systems & sediments **High Naturalness Waterbodies** Lakes Areas where the surface Coastal Confined Gravel High naturalness rivers, Large High Country Lake water quality and the beds Aguifer System including tributaries of rivers to be maintained in Small to Medium High High naturalness lakes Semi-confined or a natural state Country Lake unconfined aquifers A river or artificial watercourse that is not (Remaining non-coloured areas contain mainly Flow Protection Zones Artificial On-river Lake identified on the Map Volume: Part 1 Planning Maps shall have the same Water Hook River Artificial Other Lake High Runoff Risk Quality Management Unit and Water Quality Class as: Makikihi River Phosphorus Zone Coastal Lake (a) the river it flows into; or (b) the nearest river in the same catchment, Otaio River Natural State Lake if it does not flow into a river. Sir Charles Creek **Nutrient Allocation Sub-Areas** Valley and Tributaries FMU Upper Waimate Creek Valley and Tributaries Zone Waihao-Wainono Area Waihao River Hakataramea FMU Waihao-Wainono Hill sub-area Wainono Arm Flat Zone Waihao-Wainono Plains sub-area Basedata and other units Hill Zone **Northern Streams Area** CMA boundary Land parcel boundaries River Zone Northern Streams Hill sub-area: (includes Kohika Hill, Makaki Hill Local authority inland Upper Waitaki FMU Open river bed and Otaio Hill) boundary Upper Waitaki Hill Zone Northern Streams Plains sub-area: I State Highways Ahuriri Zone (includes Horseshoe Plains, Kohika) Plains, Makikihi Plains and Otaio Haldon Zone Plains) Mid Catchment Zone Morven-Sinclair's Area Northern Fan FMU Morven-Sinclair's Plains sub-area Greater Waikākahi Zone Hinds-Hekeao Area Whitneys Creek Zone Hinds-Rangitata sub-area

Lower Hinds-Hekeao Plains sub-

Upper Hinds-Hekeao Plains sub-

Area of Soils

Deeper (M, D)

of Shallower) Hill (S1 - S4)

Shallower (XL,VL,L)
Wetter (Pd, PdL)

Extremely light (XL - subset