



# Stormwater Management Plan - Appendix A

## Private Plan Change 28

**Prepared for**  
CCKV Maitahi Dev Co Lp and Bayview Nelson Ltd

**Prepared by**  
Tonkin & Taylor Ltd

**Date**  
June 2022

**Job Number**  
1012397.1000.v2



*Exceptional thinking together*




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## Appendix A: Figures



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







**LEGEND**

-  Catchment Boundaries
-  PPC28 Boundary
-  Overland Flowpaths



**Water Treatment Locations**

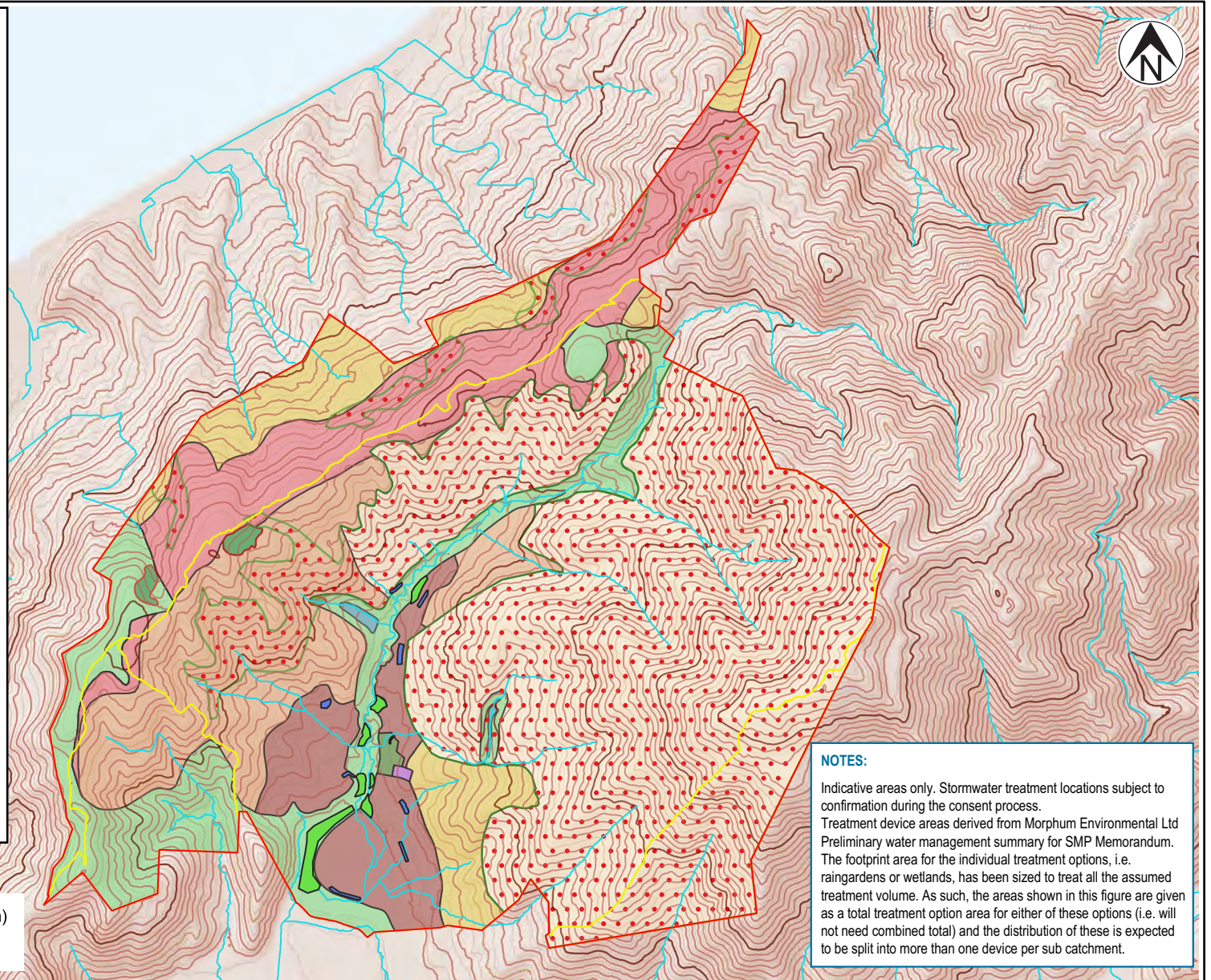
-  Raingarden
-  Wetland

**Structure Plan**

-  Planning Zone - Neighbourhood Reserve
-  Planning Zone - Open Space Recreation
-  Planning Zone - Residential
-  Planning Zone - Residential Higher Density
-  Planning Zone - Residential Lower Density
-  Planning Zone - Residential Lower Density Backdrop Area
-  Planning Zone - Rural
-  SP-Commercial
-  Z-Survey-201106 Wetlands

**Vegetation Overlay**

-  LASC- Revegetation Overlay
-  SP-Vegetation to retain

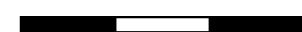
**NOTES:**

Indicative areas only. Stormwater treatment locations subject to confirmation during the consent process.  
Treatment device areas derived from Morphem Environmental Ltd Preliminary water management summary for SMP Memorandum. The footprint area for the individual treatment options, i.e. raingardens or wetlands, has been sized to treat all the assumed treatment volume. As such, the areas shown in this figure are given as a total treatment option area for either of these options (i.e. will not need combined total) and the distribution of these is expected to be split into more than one device per sub catchment.

**LOCATION PLAN**

A4 SCALE 1:16,000

0 0.2 0.4 0.6 (km)

**NOTES:**

AERIAL PHOTOGRAPHY, CONTOURS AND SERVICES SOURCED FROM TOP OF THE SOUTH MAPS [www.topofthesouthmaps.co.nz]. LICENSED UNDER A CREATIVE COMMONS ATTRIBUTION 4.0 INTERNATIONAL LICENSE.

**REVISIONS**

First version (14/06/22)

**NO.**

0

**BY**

CHGR

**PROJECT No.**

DESIGNED

CHGR

JUN.22

DRAWN

CHGR

JUN.22

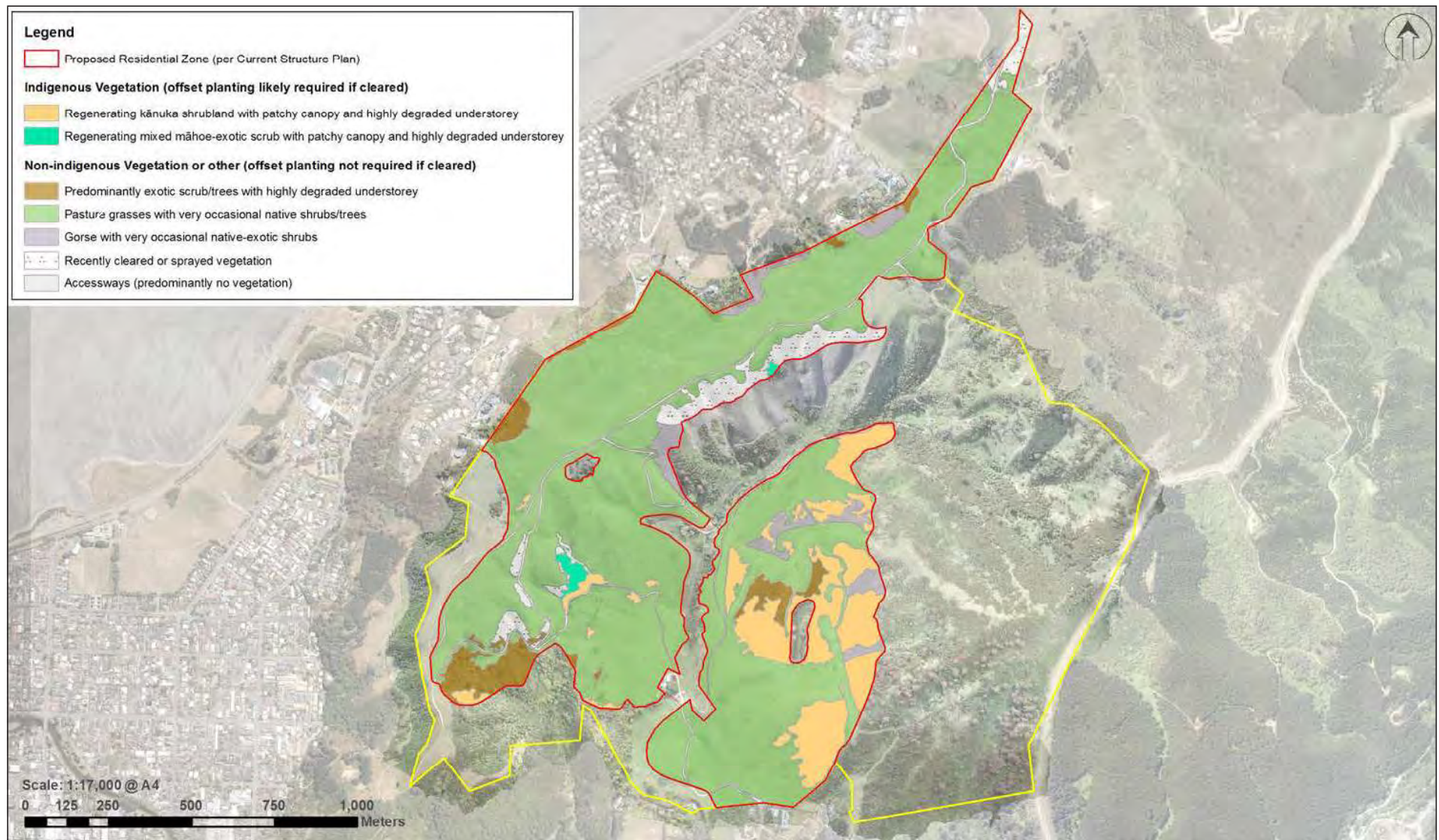
CHECKED

APPROVED

DATE

**CLIENT** CCKL Mahitahi Dev Co LP & Bayview Nelson Ltd**PROJECT** Private Plan Change 38 - Stormwater management Report**TITLE** PCC28 Stormwater Management  
Stormwater Treatment Indicative Areas**SCALE (A4)** 1:16,000**FIG No.** FIGURE 4.**REV** 0





**Figure 4.2.** Broad scale (indicative) map of existing habitats within the proposed residential zone / study area based on the mapping of vegetation features visible in high resolution aerial imagery flown 28-29 April 2022, supported by ground-truthing to validate the visible features.