



1 Omaru Creek embankment. 2 Stormwater facility. 3 Example of the stormwater management plan.

OMARU CREEK STORMWATER MANAGEMENT PLAN

Harrison Grierson for Auckland Council

Project Location: Auckland



Tamaki is a priority growth area in Auckland. Auckland Council, through the Tamaki Regeneration Company (TRC, a Council controlled organisation) is delivering this growth by progressively intensifying development and regenerating the land occupied by the 2,800 state houses in the area and is overseeing the intensification of privately held properties to create a community of over 11,000 homes.

The Tamaki Regeneration Area sits within the Tamaki North stormwater catchment, which includes the degraded Omaru Creek. Harrison Grierson was commissioned by Council (Healthy Waters Department) to prepare the Omaru Creek Stormwater Management Plan to support this large scale regeneration. Harrison Grierson worked in collaboration with staff from Healthy Waters, Opus (Council's project manager and flood model operator) and Jasmax, (urban design consultants for TRC) to plan this large scale brownfield development.

The Plan offers a once in a life time opportunity to deliver substantial benefits to the local community by addressing existing stormwater problems such as water quality, erosion and flooding while at the same time providing mitigation for the intensification in development.

The work on the Omaru Creek Stormwater Management Plan is original in New Zealand in that it deals with large scale brownfield development on a catchment wide basis. The SMP is based on the new planning rules of the Unitary Plan and the new approach of "Water Sensitive Design" in the sustainable management of stormwater in urban areas.

Judging & Copyright Statement

This project is an entrant in the 2016 INNOVATE NZ Awards of Excellence competition. The winners will be celebrated at our Awards Gala Dinner on Saturday, 12th August 2017 in Taupo.

Images and text remain copyright of ACENZ and the consultant firm entering the project. Users are asked to give credit to the photographer where this is specified. ACENZ and INNOVATE NZ are trademarks of the Association of Consulting Engineers New Zealand.