

Stormwater Management Plan summary



SMP Title	Auranga (Bremner Special Housing Area) – Stormwater Management Plan
SMP Date	May 2016
SMP Version	-
SMP prepared by	Tonkin and Taylor
Location	To north and south of Bremner Road, Drury
Consolidated Receiving Environment	Manukau Harbour
Stormwater Catchment	Ngakoroa Stream, Oira Creek
Brownfield / Greenfield	Greenfield
SMP Purpose	Plan Change - SHA
Auckland Unitary Plan Precinct	Chapter I, 6.35 Drury 1
Legacy NDC	REG-2016-4172
Date Adopted	15 September 2020
HW Reference	NDC-2020-046

SMP Title	Auranga B1 Stormwater management Plan
SMP Date	May 2018
SMP Version	-
SMP prepared by	Tonkin and Taylor for Karaka and Drury Ltd
Location	Drury West
Consolidated Receiving Environment	Manukau Harbour
Stormwater Catchment	Ngakoroa Stream, Oira Creek
Brownfield / Greenfield	Greenfield
SMP Purpose	Private Plan change under AUP
Unitary Plan Precinct	Chapter I, 6.35 Drury 1
Resource Consent reference	-
Date SMP Adopted	8 December 2020
HW Reference	NDC 2020-061

NOTES:

Bremner Rd SHA area and Auranga B1 plan change area were combined to form the Drury 1 precinct. Bremner Rd SHA was progressed under HASHAA legislation in 2016 and Auranga B1 as a private plan change under the Auckland Unitary Plan Operative in Part in 2018. The Auranga B1 plan change proposal included carrying over plan provisions from the Bremner Rd SHA into a new Drury 1 precinct and including all the areas shown on maps below (which are the same as those shown in the Drury 1 Precinct Plans).

For the provision of any SW devices within the National Grid Yard, the requirements of NZECP34:2001 are to be met for both construction and ongoing O&M, this may preclude open water body device's such as ponds and wetlands

Raingardens are noted in the SMP as the device to achieve both water quantity and quality outcomes. However other devices could and should be applied where they achieve the same performance requirements of the region wide Network Discharge Consent.

Drury 1 (Bremner Rd SHA and Auranga B1) Stormwater Management Plan Summary

Stormwater management requirements

Stormwater Management Catchment	Proposed Land Use	Receiving Environment	Water Quality Management	Hydrology Mitigation (Retention)	Hydrology Mitigation (Detention)	Flood Management	Outlet Design	Assets to be Vested with Council	General Comments
Stream	<ul style="list-style-type: none"> Residential - Mixed Housing Urban Zone Residential Terrace House and Apartment Building Zone Business - Local Centre Zone 	Ngakoroa Stream and Oira Creek	Manged via the application of the hydrology mitigation for all impervious areas. Any HCGAs to meet GD01 water quality requirements	5mm retention at source for all land use types	Detention for all land use types. Shall be provided at source unless a constructed or approved communal device capable of accepting the stormwater from the development is available	Nil – Pass forward	Green outfalls	<ul style="list-style-type: none"> Stormwater reticulation and outfalls Road reserve devices 	Green outfalls are described in the SMP as a length of manmade naturalised vegetated channel between the outfall and the stream/estuary that is able to dissipate energy while providing additional contaminant removal polishing. Requested by iwi through plan change process
Estuary	<ul style="list-style-type: none"> Residential - Mixed Housing Urban Zone Residential Terrace House and Apartment Building Zone Business - Local Centre Zone 	Drury Creek	Water quality treatment at source based on treatment equal or equivalent to a rain garden sized for 2% of the contributing catchment	Nil	Nil	Nil - Pass forward	Green outfalls	<ul style="list-style-type: none"> Stormwater reticulation and outfalls Road reserve devices 	

This document is prepared to provide the user with a summary of the stormwater management requirements within the adopted Stormwater Management Plan. To see the full Stormwater Management Plan please contact HWDdevelopment@aucklandcouncil.govt.nz

Catchment maps

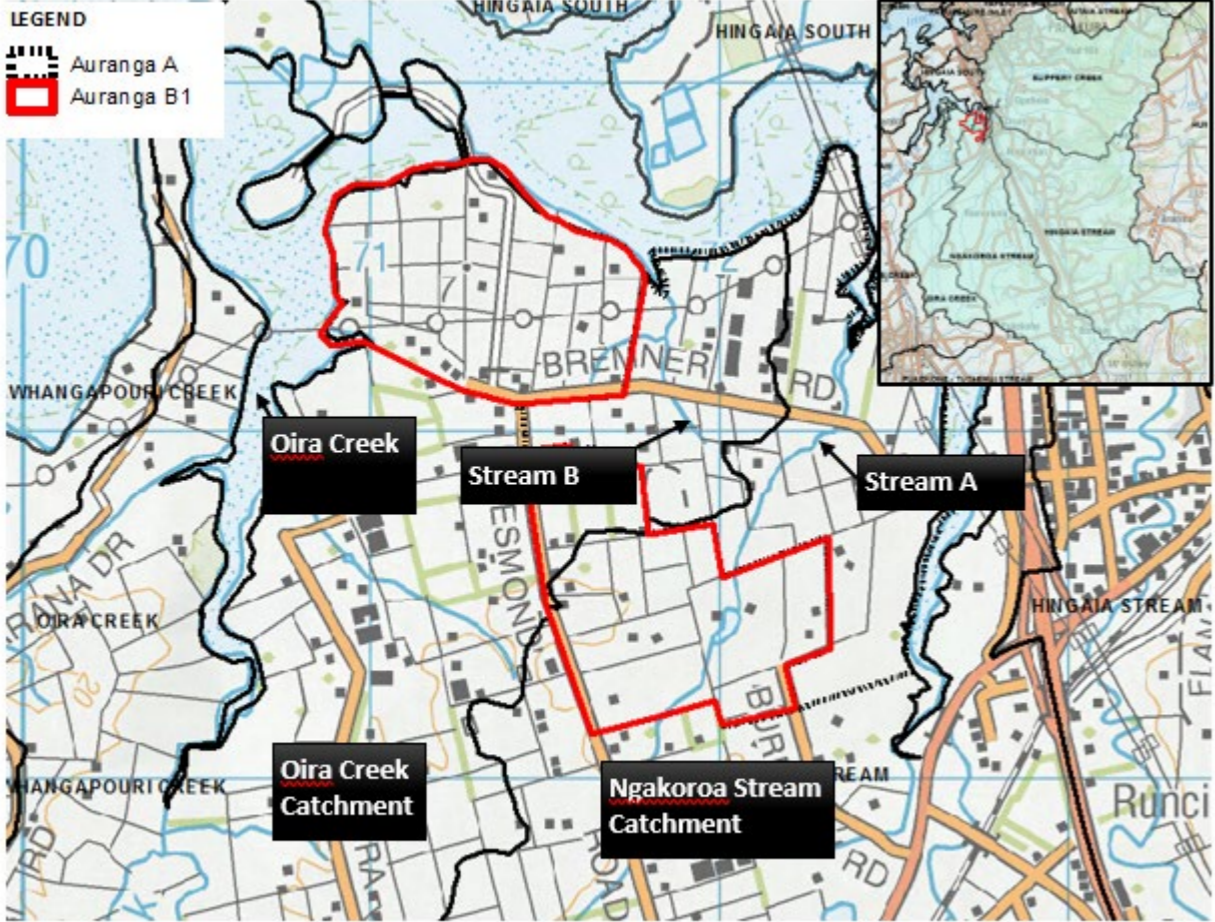


Figure 3-13-1: Site location map showing catchment boundaries applicable to Auranga B1

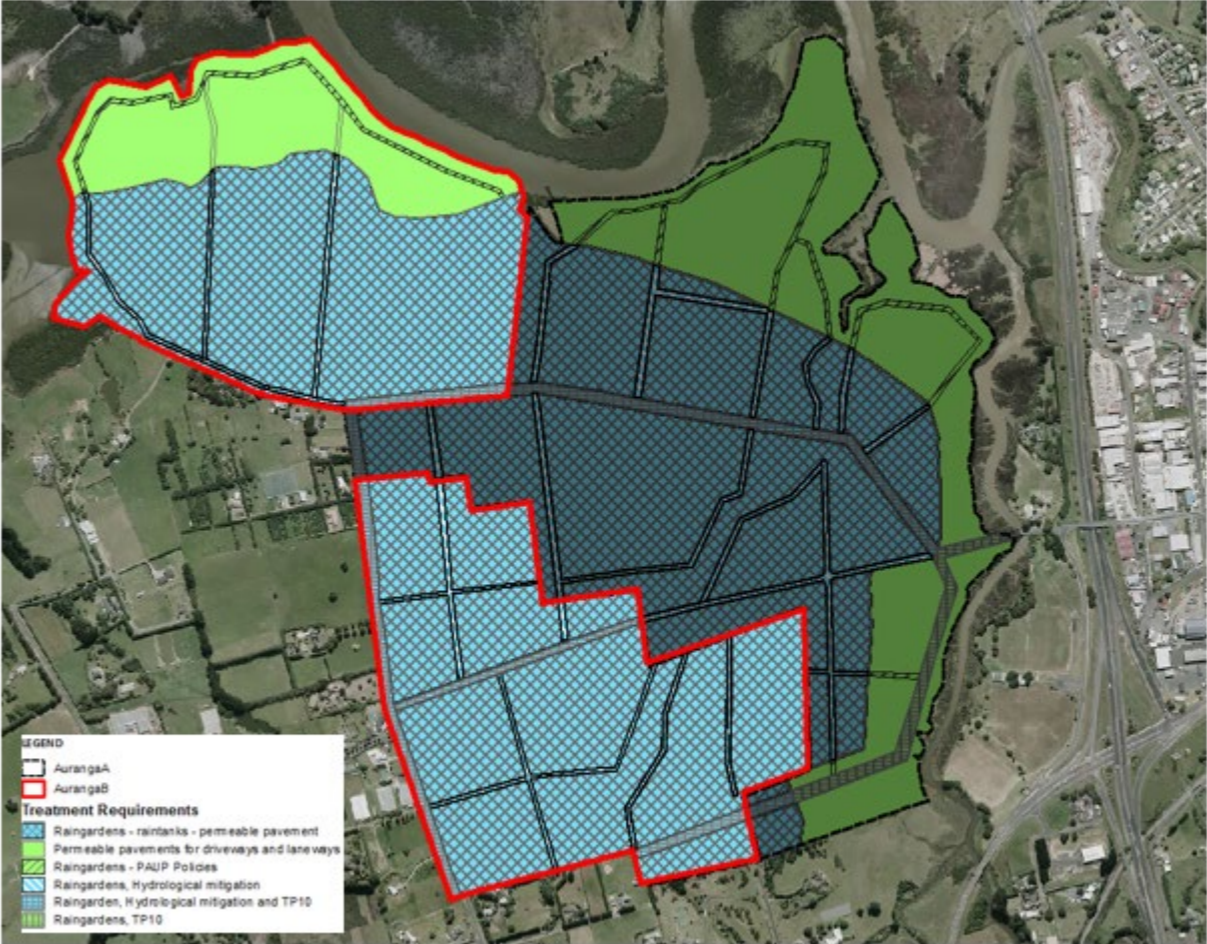








Figure 6-16-1: Auranga B1 - Plan of proposed stormwater management areas to be used with Table 6.1

Drury 1 (Bremner Rd SHA and Auranga B1) Stormwater Management Plan Summary



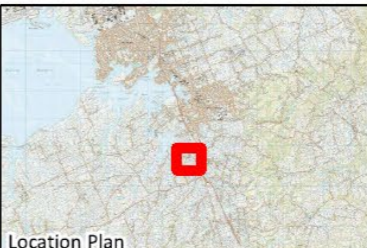
LEGEND

Treatment, Requirement

-  Permeable pavements for driveways and laneways, Best Practice
-  Raingardens (2% of catchment area), Best Practice - PAUP policies
-  Raingardens, TP10
-  Raingardens - raintanks - permeable pavement - communal devices, Hydrological mitigation
-  Raingardens, Hydrological mitigation
-  Raingardens, Hydrological mitigation and TP10

A3 SCALE: 1:6,000

0 0.06 0.12 0.18 0.24 0.3 (km)




Location Plan

Notes:

Topomap sourced from the LINZ Data Service
<https://data.linz.govt.nz/layer/767-nz-mainland-topo50-maps/> and licensed by LINZ for re-use under the Creative Commons Attribution 3.0 New Zealand licence.

Floodplains and flood prone areas provided by Auckland Council.

DRAWN	S/JN	May.16
CHECKED	SGB	May.16
APPROVED	TSRF	May.16
ARCFILE	30935_SMP_7-2RoadsTreatment	
SCALE (AT A3 SIZE)	1:6,000	
PROJECT No.	30935.003	



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AURANGA SHA
 STORMWATER MANAGEMENT PLAN
 Floodplain and Flood Prone Areas

Figure 3-3