

Stormwater Management Plan summary



SMP Title	Mangere West SC1 Stormwater Management Plan
SMP Date	18 March 2019
SMP Version	H
SMP prepared by	Candor3
Location	Mangere
Consolidated Receiving Environment	Manukau Harbour
Stormwater Catchment	Mangere Inlet
Brownfield / Greenfield	Brownfield
SMP Purpose	Various redevelopments
Legacy NDC	DIS60336260
Unitary Plan Precinct	N/A
Date SMP Adopted	18/02/2021
HW Reference	2021-011

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
Area covered by SMP	<ul style="list-style-type: none"> Residential - Mixed Housing Urban Zone 	Tararata Creek	<ul style="list-style-type: none"> Inert building materials GPTs for all new outfalls to Tararata Creek Water quality treatment for all new hardstand areas over 1000m² (or offset mitigation on Bader Drive or McKenzie Road) Water quality treatment for high contaminant generating carparks over 1000m² 	Nil	Nil	Two temporary detention basins	Stormwater Code of Practice	<ul style="list-style-type: none"> New stormwater reticulation and outfall(s) Road reserve treatment devices. 	Discharge is below RL2.0m , and influenced by tidal flows. Thus no formal requirement for hydrology mitigation

Notes:

- SMP includes the following text:
- Should the implementation of the flood management solution covering the wider Tararata Creek catchment show the proposed detention basins are no longer required, then the removal of the basins will be warranted.

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- Provide stormwater quality treatment offset mitigation as an alternative to at source treatment of runoff contaminants for the new hardstand areas. This will be carried out with the use of raingardens and tree pits on Bader Drive and McKenzie Road, which are classified as a high use road under the AUP. See Section 11.1.1 of the SMP.

Catchment maps

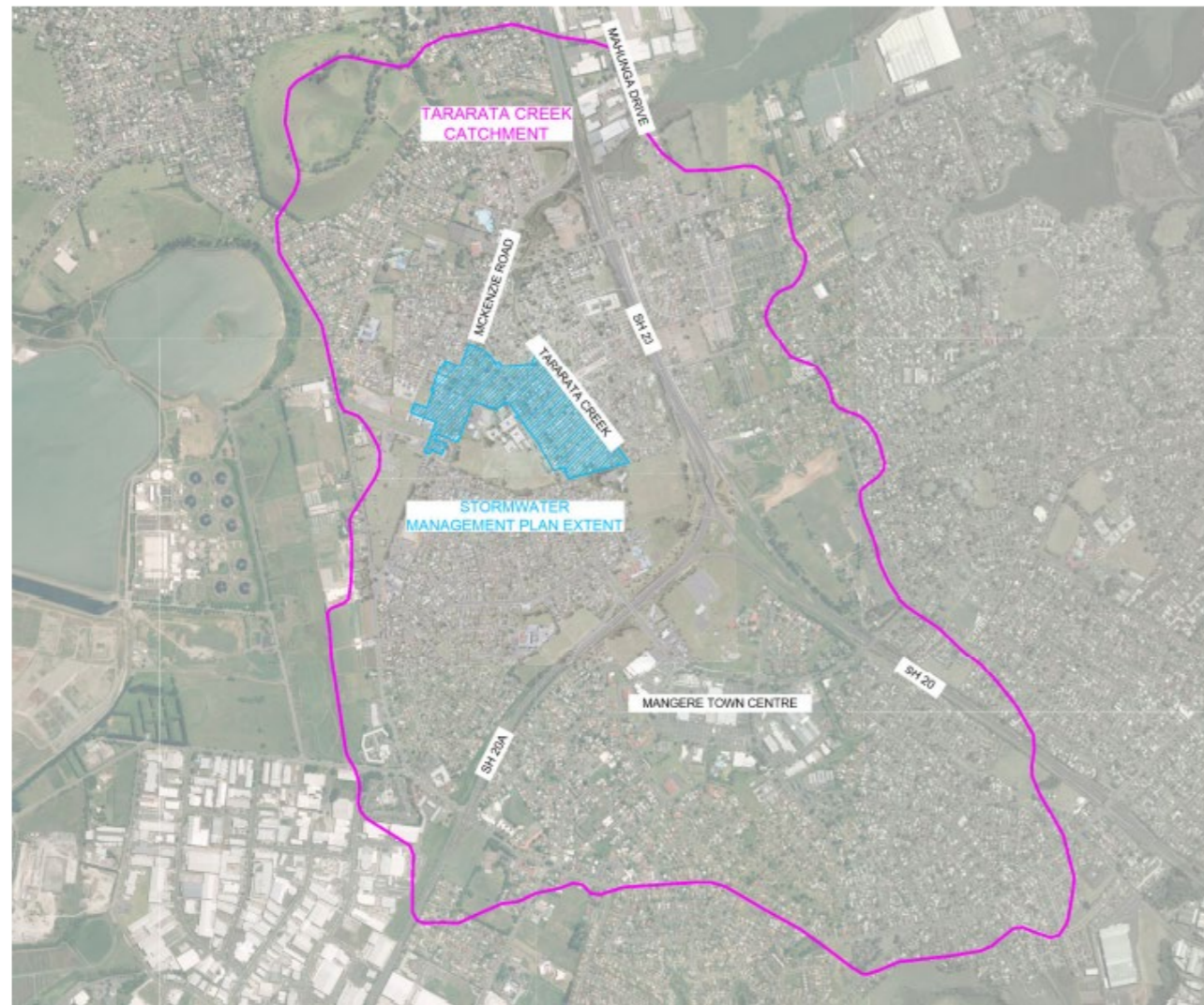
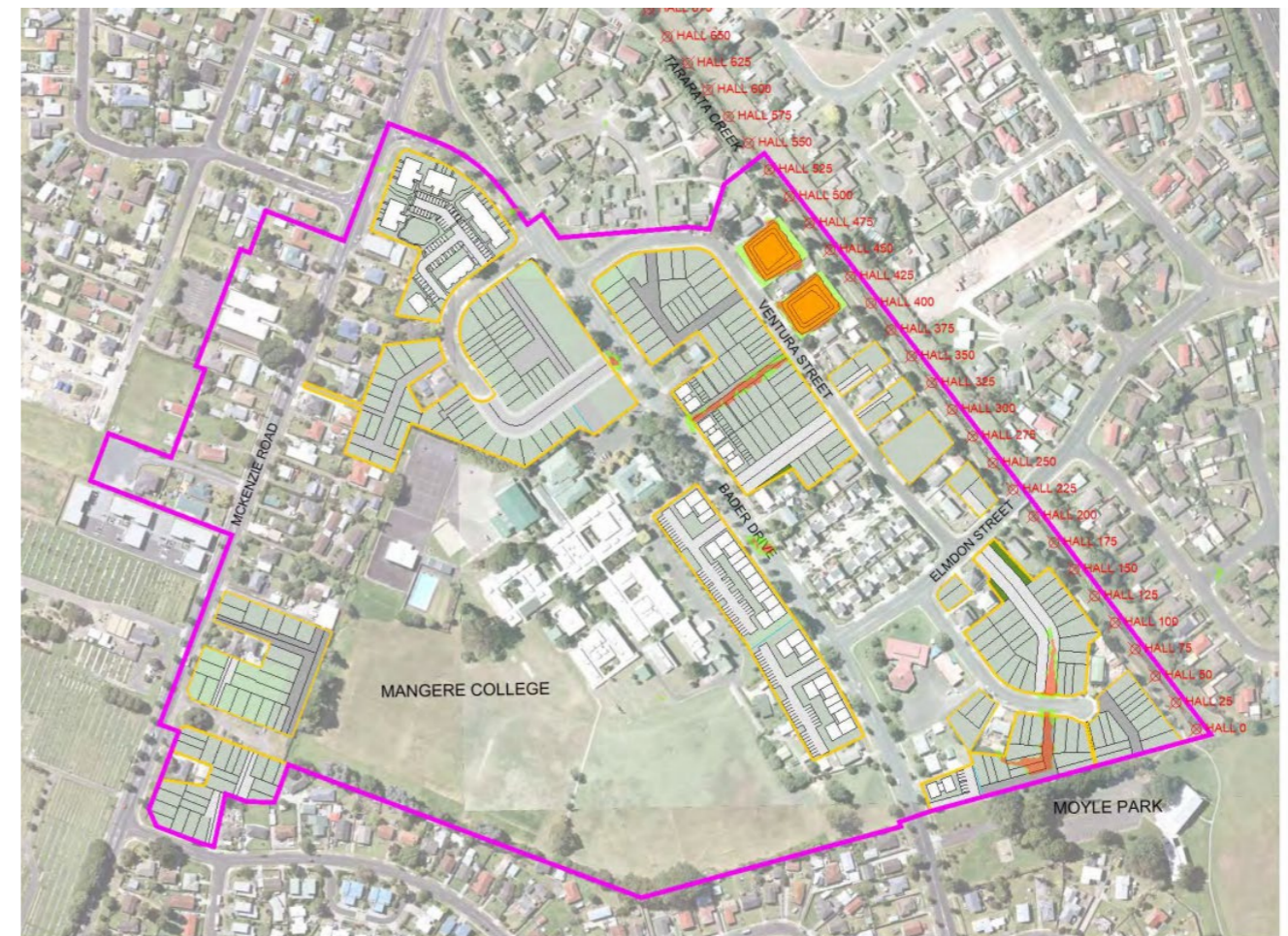


Figure 8.1 – Tararata Creek Catchment Extent



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 HWDevelopment@aucklandcouncil.govt.nz