

Stormwater Management Plan summary



SMP Title	8 Chonny Crescent, Manurewa
SMP Date	27/10/21
SMP Version	D
SMP prepared by	MSC Consulting Group Ltd
Location	8 Chonny Crescent, Manurewa
Consolidated Receiving Environment	Manukau Harbour
Stormwater Catchment	Puhunui Creek
Brownfield / Greenfield	Brownfield Large
SMP Purpose	Subdivision
Unitary Plan Precinct	N/A
Date SMP Adopted	11/04/21
HW Reference	2021-036

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
1	<ul style="list-style-type: none"> 1.25ha Business Light Industrial Zone Proposed impervious (paved and roof) area is 12,200m² 11 warehouse lots/units with 1 JOAL 	Homai stream (Puhunui creek)	Stormwater 360 Stormfilter for treatment of all impervious surfaces	Retention is required as that site discharges to freshwater streams via network. Required retention volume taken up as detention due to poor soil condition and the nature of the proposed development	<ul style="list-style-type: none"> SMAF 1 retention and detention volume combined as detention. Provision of underground 2x95m³ storage tanks 	<ul style="list-style-type: none"> Not required, updated SW modelling indicates that site is not subject 1% AEP floodplain Existing minor OLFP to be channelised within proposed JOAL 	N/A – connection to existing reticulated network	<ul style="list-style-type: none"> 2 x SWMH 1 x 525mm SW line 	New SWMHs will be implemented on existing 600mm SW line

Notes:

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

8 Chonny Crescent, Manurewa - Stormwater Management Plan Summary

Catchment map



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Development plan

