

Stormwater Management Plan summary



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| SMP Title | 588-590 Te Atatu Road, Te Atatu Peninsula |
| SMP Date | 19/11/21 |
| SMP Version | 2 |
| SMP prepared by | Crang Civil Consulting Engineers Ltd |
| Location | 588-590 Te Atatu Road, Te Atatu Peninsula |
| Consolidated Receiving Environment | Waitemata |
| Stormwater Catchment | Henderson |
| Brownfield / Greenfield | Brownfield Large |
| SMP Purpose | Subdivision |
| Unitary Plan Precinct | N/A |
| Date SMP Adopted | 6 December 2021 |
| HW Reference | 2021-056 |

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 |
|---------------------------------|---|--|---|---|--|--|--|--|--|
| Whole site | <ul style="list-style-type: none"> 1,752m² Residential Terrace Housing and Apartment Zone Proposed impervious 52% 20 lots with JOAL | <ul style="list-style-type: none"> Discharge into Waitemata Harbour via reticulated network | <ul style="list-style-type: none"> Stormfilter360 Enviropods for all catchpits (pre-treatment) Hynds Upflow prior to site discharge into existing public network. | <ul style="list-style-type: none"> Retention not required. Not in SMAF area. | <ul style="list-style-type: none"> Attenuation of the peak 10% AEP event Provision of underground 1 x 28,500L tank within JOAL | <ul style="list-style-type: none"> Attenuation of the peak 1% AEP event due to downstream flood prone area Provision of underground 1 x 28,500L tank within JOAL | Not applicable, connection to existing reticulated network | 1 x SWMH 1 x 280mm OD PE SDR11 pipe | Full treatment of all site impervious area via private devices with attenuation of the peak 10% and 1% AEP storm events. |

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

Catchment map



Figure 0-1: Site Location (Source: AC GIS)

588-590 Te Atatu Road - Stormwater Management Plan Summary

Development plan

