

Stormwater Management Plan summary



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| SMP Title | 9 Jerry Green Street, Manukau |
| SMP Date | 13/09/21 |
| SMP Version | D |
| SMP prepared by | MSC Consultants |
| Location | 9 Jerry Green Street, Manukau |
| Consolidated Receiving Environment | Manukau Harbour |
| Stormwater Catchment | Puhinui creek |
| Brownfield / Greenfield | Brownfield Large |
| SMP Purpose | Development (empty lot) |
| Unitary Plan Precinct | N/A |
| Date SMP Adopted | 15 September 2021 |
| HW Reference | 2021-033 |

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 |
|---------------------------------|--|--|---|--|--|----------------------------------|---------------|----------------------------------|--|
| Puhinui Stream | New industrial development with two industrial units, offices, carparking spaces and hardstand at 9 Jerry Green Street, Wiri, Auckland ("the Site"). The existing property has a total area of approximately 3.83 hectares | Stormwater from the site discharges to the Nesdale Wetland located at 8 Diversey Lane where stormwater quality treatment and extended detention (for 34.5mm) | The existing wetland called Nesdale Wetland located at 8 Diversey Lane where the site stormwater ultimately discharges provide stormwater quality treatment for stormwater runoff from the development. | Large brownfield development. Retention is required for sites discharging to stream via network. However on-site water reuse (for retention) is not practical for this site as the minimum soil infiltration rate of 2mm/hr is not achievable. Stormwater reuse is not practicable as the occupancy level of proposed buildings is too low to make the on-site water reuse economically viable. Therefore, the Nesdale wetland is the best practical option providing the required mitigation. | Nesdale Wetland providing EDV for 34.5mm rain from the upstream catchment including this site. | No flood attenuation requirement | N/A | N/A | The connection manhole pre-existing. All reticulation will be private. |

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

9 Jerry Green Street, Manukau - Stormwater Management Plan Summary

Catchment map



9 Jerry Green Street, Manukau - Stormwater Management Plan Summary

Development plan

