

Stormwater section of Pt Chev Auckland Transport works

Healthy Waters had plans to improve the stormwater network for Point Chevalier and saw an opportunity, while Auckland Transport was opening the road for their cycleway and road drainage project, to install our new stormwater network at the same time. The “dig once” policy in action for council, with less ongoing disruption for the area.

Auckland Transport are delivering the stormwater network installation on Point Chevalier Road for Healthy Waters, saving money and time by sharing contractors, equipment and utilising the same traffic management plan, and only digging up the road once.

The new stormwater network planned for Point Chevalier is part of a larger project in Auckland to separate combined networks, where stormwater discharges into the wastewater network. Separating the stormwater from the combined network reduces wet weather wastewater overflows into the receiving environment.

The stormwater infrastructure for Pt Chevalier Road will include the installation of around 900 metres of pipe and associated stormwater manholes.

Note: Prior to starting the stormwater works on Pt Chevalier Road, Healthy Waters completed the construction of stage 1 of the Pt Chev Stormwater Separation Project in a record time of 5 months. This included the construction of the stormwater pipe network on Wakatipu Street and Walmer Road, which will facilitate the downstream connection for the Point Chevalier stormwater network.

About stormwater and wastewater separation

Older suburbs in Auckland have historically only had one network for discharge, taking stormwater (from roofs and paved areas) and wastewater (from bathroom/kitchen/laundry) in the same pipe, is called a combined network. Combined networks are managed and maintained by Watercare.

When we have rain events, the stormwater fills the wastewater pipes quickly and can cause overflows of the network, causing mixed stormwater and wastewater to spill out of private drainage and public manholes and pipes and at set overflow points managed by Watercare.

These events often trigger the SafeSwim model, and the status of the swimming risk at our beaches may change. Link to [SafeSwim](#)

In more modern suburbs, there are public wastewater and stormwater networks built at the time suburbs are developed. Private households separate their stormwater runoff which is from roofs and the paved areas, into the public stormwater network, and wastewater, which is from bathrooms, kitchens, and the laundry, into the wastewater networks.



Council's Healthy Waters are installing new stormwater networks in our inner-city suburbs such as Point Chevalier and Waterview to enable road drainage and private property stormwater to drain into the new network, leaving the wastewater pipes to just carry wastewater.

The new stormwater network will also mean private property owners will be able to connect their stormwater runoff into this network.

The new stormwater pipes in Point Chevalier Road will take kerb discharges and road drainage away, leaving the wastewater pipes with more capacity and reducing the impact of overflows in the area. This also provides for growth as the wastewater will have more capacity.

As Healthy Waters continues to build the stormwater network in the area, more stormwater road drainage and private property stormwater drainage will be removed from the wastewater pipes reducing overflows even further. This separation work is expected to continue for several years.

Benefits of a separate stormwater and wastewater network

Part of the Western Isthmus Water Quality Improvement Programme separation projects are primarily funded by the Water Quality Targeted Rate.

Separating the stormwater from the combined wastewater and stormwater system will significantly reduce wet weather wastewater overflows to the harbour, improve the quality of our environment and provide room for growth and intensification with its increased capacity. Private property owners will have the opportunity to connect their house's stormwater runoff to the network, further contributing to a cleaner and healthier environment.