

North Shore City Council

North Shore City provides and integrates the management of the three water services (water supply, wastewater collection and treatment services and stormwater services), along with Transport Services in its new Infrastructure Services Division. It seeks to support the sustainable development and wellbeing of the North Shore City community, while acting responsibly in the regional and broader industry context. The Council has chosen to provide these services through in-house planning and management and by contracting out most physical operational, maintenance and capital works. A new three waters operation and maintenance contract was awarded to Bilfinger Berger Services NZ Ltd commencing 1 July, 2007.

Wastewater Strategy/Project CARE

Project CARE is a 20-year project started in 2001 that forms the core of our wastewater strategy. It aims for a 65 per cent improvement in beach water quality by decreasing wet weather overflow events in North Shore City from an average of 12 per year to two per year. In 2006/07 this included completing and successfully operating new large sewer pipes and storage tanks, which reduced overflows during the year. Upgrade work continued at the Rosedale wastewater treatment plant, which processes all wastewater for the city. This work included planning and designing a new tunnel and outfall to take treated wastewater from the plant and release it further out to sea. Biosolids continue to go to landfill. New wastewater and trade waste by-laws were developed.



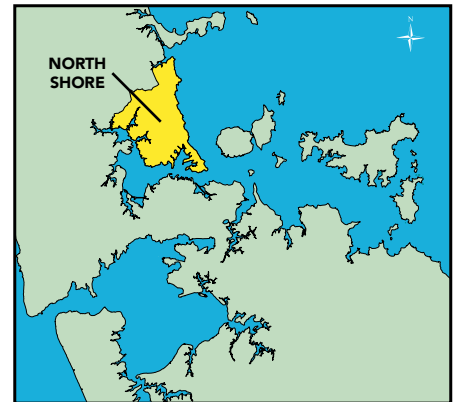
Capacity at North Shore's Rosedale Wastewater Treatment Plant has been progressively upgraded and odour impacts reduced in recent years.

Stormwater Strategy

Significant investment is planned over time to tackle flooding and erosion as well as stormwater quality problems like contaminants affecting streams and the harbour. Efforts are being targeted at preventing or reducing problems at source and using nature as well as engineered solutions. Many future initiatives are being planned via multi-year Integrated Catchment Management Plan processes currently underway. Network consent hearings were held and District Plan changes designed to reduce the impacts of development on the environment.

Water Supply Strategy

Council is supporting Watercare and investing in its own supply and demand management opportunities to meet current and future demand for water. This will ensure the network is efficient and effective and will promote the secure and sustainable supply and use of water. In 2006/07 this has included developing water demand management and drought response plans and surveys to explore community attitudes and values to water. A new classification of water customers based on the ANZIC system was completed to assist with targeting demand management strategies.



North Shore is New Zealand's fourth largest city with a population of 220,200 people. Its Council consists of a Mayor and 15 Councillors. Water supply, wastewater and stormwater services are provided by the Council's Infrastructure Services division. Over 2006/07 the Infrastructure and Environment Committee was responsible for policy decisions relating to the three waters. The Council spends around \$61 million (including \$11M stormwater) each year on its total water operations and around \$47 million (including \$9M stormwater) on new and renewal capital projects.

Pilot installation of rainwater tanks in Glenfield has reduced household water consumption and lowered flooding impacts in storm events.



Part of the stormwater strategy is to work with nature. Here a rain garden reduces sediment and pollutants cleansing the stormwater.