

July 2019

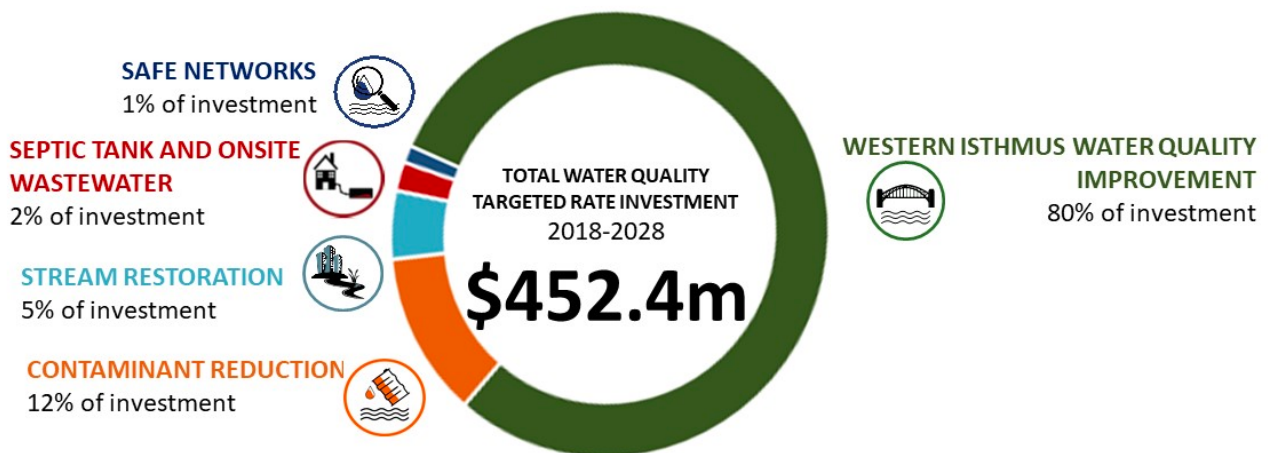
Albert-Eden Local Board

Water Quality and Natural Environment Targeted Rates

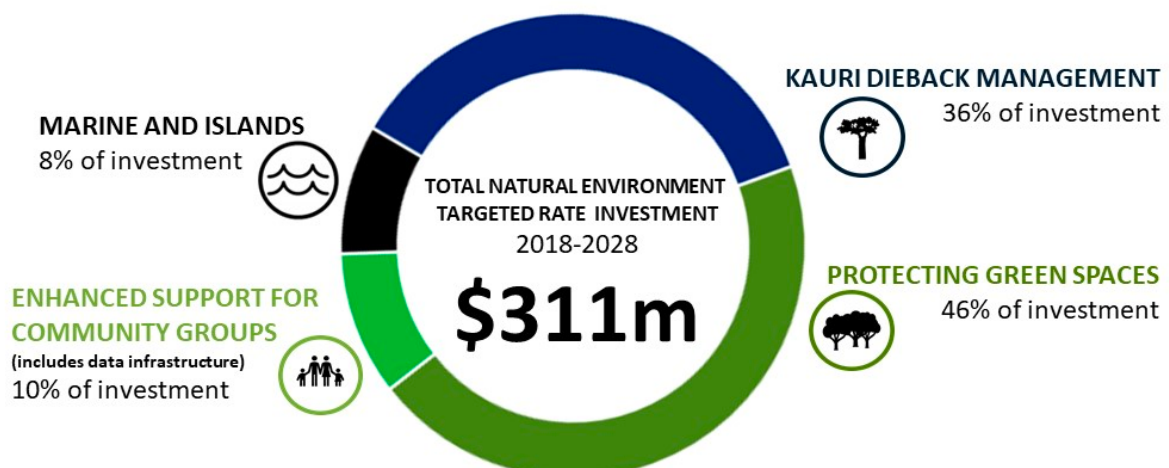


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Projects in your local board area:

- **Waterview separation:** Healthy Waters is leading design work to extend and upgrade the existing public stormwater network and outfalls to Waterview Inlet. The project is currently at the concept design stage. Construction is scheduled June 2021 – December 2024.
- **Meola improvements:** Healthy Waters is working with Watercare to assess options to divert flows from the upstream catchments to networks that have better capacity. This will reduce the incidence of manhole lids popping and allow for additional growth.
- **Motions improvements:** Healthy Waters and Watercare are assessing options to improve water quality to be taken forward to preliminary design.
- **Point Chevalier improvements:** Watercare is leading initial investigations into the network system performance for the catchment, to provide a better understanding of network capacity for flooding events and future planning.



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming and recreation.

Outlet and stream water quality screening investigations are underway at 28 Safeswim sites across the Auckland region to help identify the sources of faecal contaminants that may be affecting beach water quality.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

This programme funds water treatment kits to support 'citizen science' through water monitoring and testing. In your board area, staff are assessing opportunities to support community groups through the Wai Care Community Monitoring Programme, including BlueGreens, Craddock St Bridge Group, Rasheed, STEPS, Friends of Oakley Creek. Local residents can also access water treatment kits to support 'citizen science' through water monitoring and testing.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

Scoping is underway to provide additional funding for the local board-led light industry pollution prevention programme.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal controls at the following locations:

- Heron Park – Pest plants
- Withiel Thomas Reserve – Pest plants
- Oakley Creek Walkway – Pest plants and animals.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **Microneer Limited:** Received \$4,600 funding towards costs of the Urban Rat Project.



Marine and islands

We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

- A pest detector dog facility has been built at the Domain to provide a base for the expanding biosecurity team's dogs. These dogs are being trained to help protect indigenous species found in the Hauraki Gulf islands from pest species.



Kauri dieback management

Investing to reduce the risk of spread of plant pathogens threatening native species, in particular, kauri dieback. Most of this budget will be spent on track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

Aotea Great Barrier Local Board



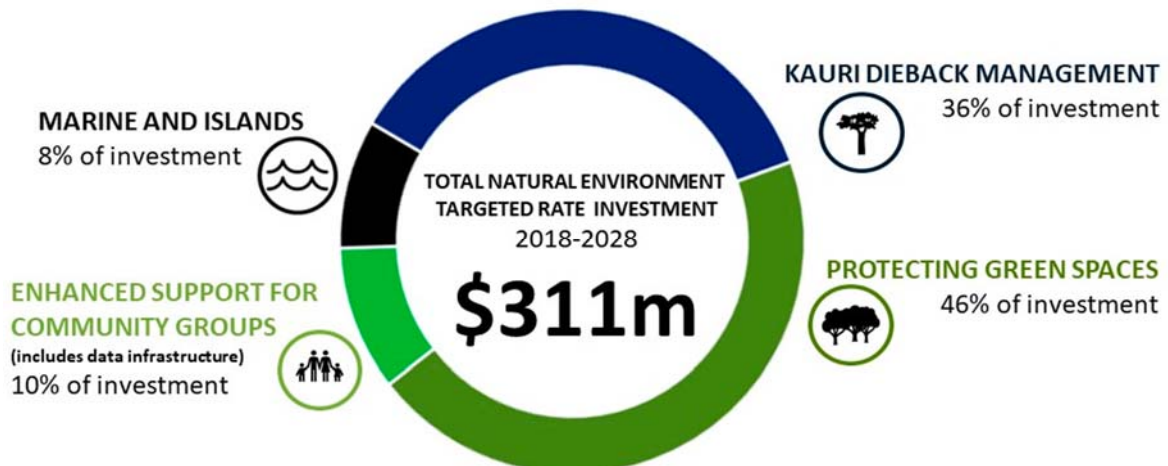
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your local board area:

- On Aotea Great Barrier, the programme for Argentine and Darwin's ant treatment and monitoring has doubled, and funding has also gone into researching control methodologies for plague skinks. The rabbit and feral cat control programmes have been expanded in priority ecosystems for biodiversity protection. The surveillance programme for pest plants has been expanded alongside a substantially increased programme for low incidence weed control. This will ensure possible threats are contained before they become widespread. The council is also part of a national collective reviewing a range of biocontrol that may be appropriate for our region.



Marine and islands

We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

Activities relevant to your area:

- **Marine biosecurity:** Mediterranean fanworm surveillance and marine high-risk site surveillance continues on Aotea Great Barrier
- **Increased biosecurity inspectors and dog teams:** New inspector and dog teams are operating at vehicle departure points for Aotea Great Barrier and Waiheke
- **Summer ambassadors:** The natural environment targeted rate ambassador programme ran over the summer. They provided advice to visitors and residents to Hauraki Gulf Islands on the risks of them inadvertently transporting pest plants and animals, and pathogens such as kauri dieback disease. This programme complements the programme that receives funding from this local board
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways
- **Hauraki Gulf Controlled Area Biosecurity Management Plan:** A review has commenced to update this plan in line with the Regional Pest Management Plan.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local initiatives we are supporting in the board area include:

- **Great Barrier Island Environmental Trust:** Received tunnel boxes and rodent traps (valued at \$8,611) for their trap library
- **Community supplies:** Received 40 native plants (valued at \$200) and 40 pest animal control traps (worth \$12,555)
- **Glenfern Sanctuary Trust:** Awarded funding (\$14,000 over two years) from the Regional Environment and Natural Heritage Grant¹ for the Pāteke Habitat Restoration project.

¹ The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

Natural Environment Projects (continued)



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

- **Medlands Limited:** Received funding (\$7,500 over three years) from the Regional Environment and Natural Heritage Grant towards rat traps and boxes for the Shakespeare Point Protection project
- **Windy Hill – Rosalie Trust received:**
 - \$15,000 to enable the start-up of the Aotea Community Native Plant Nursery
 - \$3,000 worth of supplies for rodent control
 - \$4,563 from the Community Coordination Fund² towards project administration costs and strategic planning
 - \$6,500 from the Regional Environment and Natural Heritage Grant for the Spark Me Up project.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your area:

Glen Fern: 700m of track upgrade work was undertaken. One hygiene station is to be installed.

² The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

Water Quality Projects



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your area:

- We are educating land owners on swimmability and septic tanks as a part of our onsite wastewater programme.

*Note: This local board also provides funding to the Freshwater Management Programme, which includes a project for septic tank inspections, and follows up previous surveys to encourage landowners to get problems fixed, as well as riparian restoration projects.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitemātā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

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For queries about the natural environment targeted rate:

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July 2019

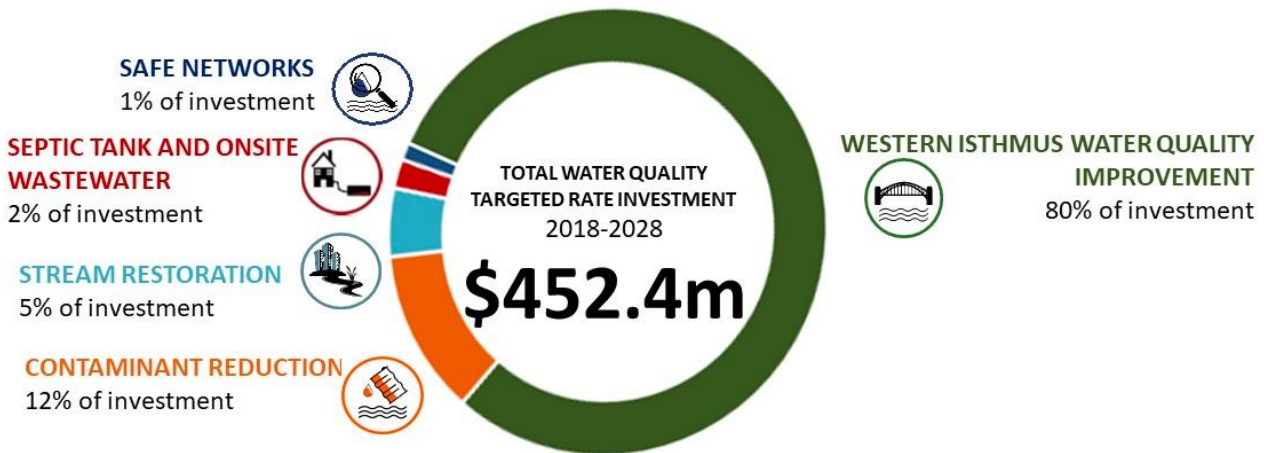
Devonport-Takapuna Local Board



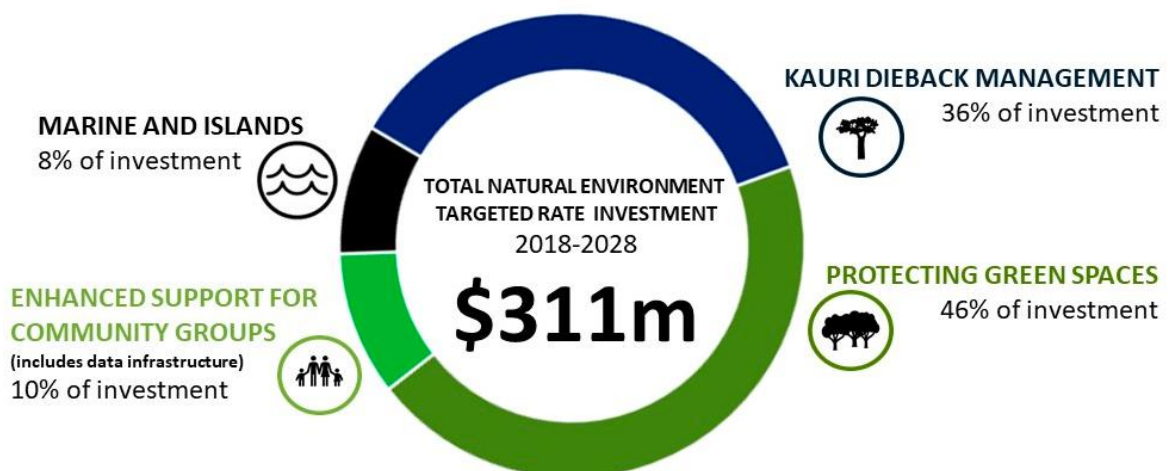
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Western isthmus water quality improvement programme

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Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
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Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In 2018/2019 in your area we have focused on:

- **Wairau Estuary / Lake Pupuke:** Auckland Council is working with NIWA to investigate sources of poor water quality and to develop a workplan to address algal bloom at Lake Pupuke
- **Takapuna Beach:** Detailed public and private drainage investigations have been completed and issues identified are in the process of being resolved.
- **Takapuna Beach, Milford South Beach, Milford Beach and Wairau Outlet:** Outlet and stream sampling is underway at these sites to determine sources of faecal contaminants and help narrow the focus for more detailed investigations.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In 2018/2019 in your area we delivered the following:

- **Stanley Bay Reserve Stormwater Outlet:** Initial scoping of the stormwater outlet as part of the regionwide outfalls renewal programme
- **Wairau catchment improvements:** Undertaking a feasibility study on how to incorporate water quality improvements into the existing stormwater network
- **Wairau Valley / Dallinghoe Crescent:** Initial scoping on how to incorporate water quality improvements into a flood protection project
- **Hurstmere Road:** Water quality treatment devices are being installed as a part of the Hurstmere Road upgrade project.

Natural Environment Projects



Marine and islands

We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

In your area:

- **Summer ambassadors:** Ambassadors were stationed at ferry departure points, including Devonport. They provided advice to visitors and residents to Hauraki Gulf Islands of the risks of them inadvertently transporting pest plants and animals, and pathogens such as kauri dieback disease
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In 2018/2019 this delivered enhanced support and funding to the following local groups in your area:

- **Restoring Takarunga Hauraki** received \$1550 for traps, stations and bait for the Hauraki community pest control giveaway programme
- **Takapuna North Community** received \$2186 for traps and tunnels for their community pest control giveaway programme
- **Restoring Takarunga** received \$24,000 from the new Community Coordination and Facilitation Fund to employ a pest-free coordinator
- **North-West Wildlink Partnership Group** received \$15,000 to employ a facilitator/partnership broker, to be active in Devonport-Takapuna, Kaipātiki, Upper Harbour, Henderson-Massey and Waitākere Ranges local boards.
- **Community conservation groups in the North Shore area:** Networking and sharing Enviro Hui Event on 25 May (\$10,775).



Protecting green spaces and kauri dieback management

We're investing in expanded pest plant and animal control to protect green spaces in our region. We're also investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

Franklin Local Board

Water Quality and Natural Environment

Targeted Rates

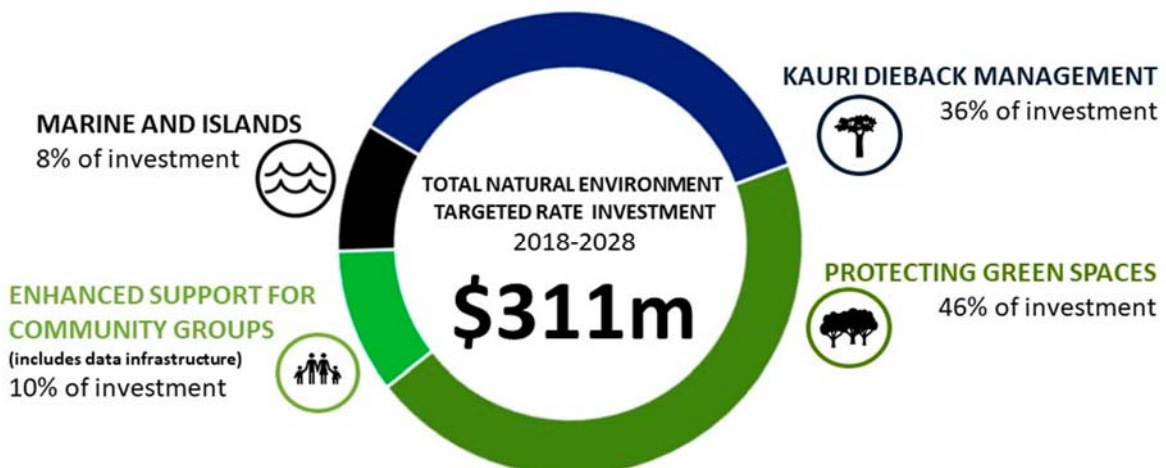


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Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

Investigations are underway in the following areas:

- **Sandspit Beach:** To determine whether water quality issues are because of illegal connections to the network
- **Torkar Point (Clarks Beach):** To determine causes of water quality issues and assess the need for an outlet upgrade.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your area:

- **Fonterra partnerships:** Auckland Council and Fonterra have signed a Memorandum of Understanding to collaborate on environmental sustainability initiatives in the Auckland region
- **Outfall improvement at Slippery Creek and Whangapouri Creek:** Funding is approved to assess and improve existing outfalls causing significant erosion and contributing to poor water quality. Whangapouri and Slippery creeks are impacted by outfalls at Mangere Inlet and Cockle Bay and these streams are being addressed as a cluster.
- **Waterways Protection Fund, Wairoa catchment:** \$140,000 funding grants were given to 16 landowners with restoration and protection activities
- **The new Community Coordination and Facilitation Grant¹ was awarded to:**
- **Whakaupoko Landcare:** Received this grant towards employment of a community coordinator to support riparian planting and restoration work at Mauku Stream. The funding split was \$30,000 (natural environment) \$10,000 (water quality)
- **Mauku Stream engagement:** Received \$14,000 towards implementing various land owner engagement strategies aimed at restoring Mauku Stream. This was fully funded by the water quality targeted rate
- **Friends of Te Wairoa:** Received funding towards the costs of a community coordinator to undertake riparian planting and restoration projects in Wairoa River Catchment, with \$20,000 (water quality) and \$15,752 (natural environment).



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

- **Whangapouri Creek:** The targeted rate will fund a water quality component as part of the wider catchment management plan.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your area:

- We are educating land owners on swimmability and septic tanks as a part of our onsite wastewater programme.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, of which \$120,000 was funded by the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at these local parks:

- Big Bay Reserve
- George Kern Scenic Reserve
- Ellet Rd Esplanade Reserve
- Lake Whatihua
- Kawakawa Bay foreshore
- Roseville Park
- Karioitahi Reserve
- Platts Mills Reserve
- Waiau Pa Esplanade
- Kawakawa Coast Road Esplanade
- Matakawau Recreation and Plantation Reserve
- Rutherford Road Nature Reserve
- Clark Road Esplanade Reserve
- Coulthards Scenic Reserve
- Kemp Road Scenic Reserve
- Hunua Domain Recreation Reserve
- Moumoukai Esplanade Reserve
- Lees Gully Road Local Purpose Reserve

We are also prioritising plant control at the following local parks:

- Henry's Scenic Reserve
- Clifton Road Esplanade

In addition, please note these initiatives:

Hunua Halo (buffer): Work has been completed and is ongoing for increased deer control, goat control and possum control and monitoring, with \$578,000 allocated.

Hunua Ranges, Tāpapakanga and Waharau regional parks: Increased pest animal control activities have been carried out at these parks.

Āwhitu, Duder, Hunua Ranges, Waitawa and Waharau regional parks: Increased pest plant control activities have been carried out at these parks.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Kauri safe standard track upgrades and hygiene stations in the following locations:

Wairoa Northern loop: 3.25 kilometres of track upgrades completed and one hygiene station to be installed

Wairoa Southern loop: 3.25 kilometres of track upgrades ready to begin and one hygiene station to be installed

Ernies Track: 4.9 kilometres of track ready to build and one hygiene station to be installed

Waterfall Gully Heritage Trail: 0.39 kilometres of track upgrades nearing completion and three hygiene stations to be installed

Massey Track: Planning is underway to build 2.4 kilometres of safe standard track and to install a hygiene station at this location

Clevedon Scenic Reserve: One kilometre of track upgrades are being progressed and one hygiene station to be installed

Suspension Bridge: 3.5 kilometres of track upgrades have been completed and one hygiene station will be installed.

In addition: Nine high risk tracks are now closed, two tracks are partially closed, one track is temporarily closed, and four campgrounds are closed to help prevent the spread of kauri dieback disease.

Natural Environment Projects (continued)



Marine and islands

We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

In your area:

- **Manukau Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northernmost regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local groups receiving support in your area:

Awhitu Landcare:

- Received \$32,342 to support the Franklin Wildlink. Funding was for materials such as traps and bait station supplies and to install a new water tank
- Received \$50,000 from the CCF Grant towards project and administration costs to expand their volunteer network

Whakaupoko Landcare:

- Refer to water quality projects section (CCF Grant) regarding funding for a project coordinator
- Received \$22,282 as a part of the Franklin Wildlink. Funding went towards supporting bait and trap hub days as well as purchasing traps and pest animal bait station supplies

Royal Forest and Bird Protection Society NZ: Awarded \$10,000 from the new Community Coordination and Facilitation Grant (CCF Grant) towards employing a Southeast Wildlink project coordinator, shared across the Manurewa Local Board area

Friends of Te Wairoa Catchment:

- Refer to water quality project section (CCF Grant)
- Received \$2,500 from a non-contestable environment grant towards the costs of a pest free coordinator
- Awarded \$2,500 for landowner follow up from their bait and trap hub days

The Maskell Trust: Received \$10,000 for fencing and pest control for the Kauri and Rata Protection project

Edith Tuhimata: Granted \$10,000 from the Regional Environment and Natural Heritage Grant² towards plantings, carvings and graphic designs for Te Mahanihahi Cultural Heritage Trail - Nga Tohu Kaitiaki

Community conservation groups in Franklin: Networking and sharing at the Regional Festival Event in Waiuku on 29 June (\$18,609).

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



² The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

July 2019

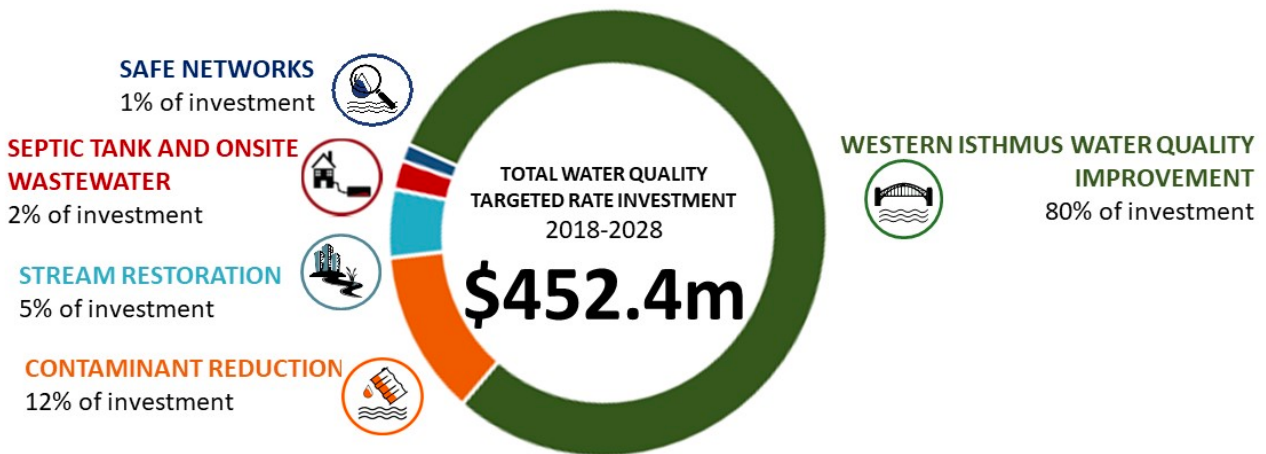
Henderson-Massey Local Board



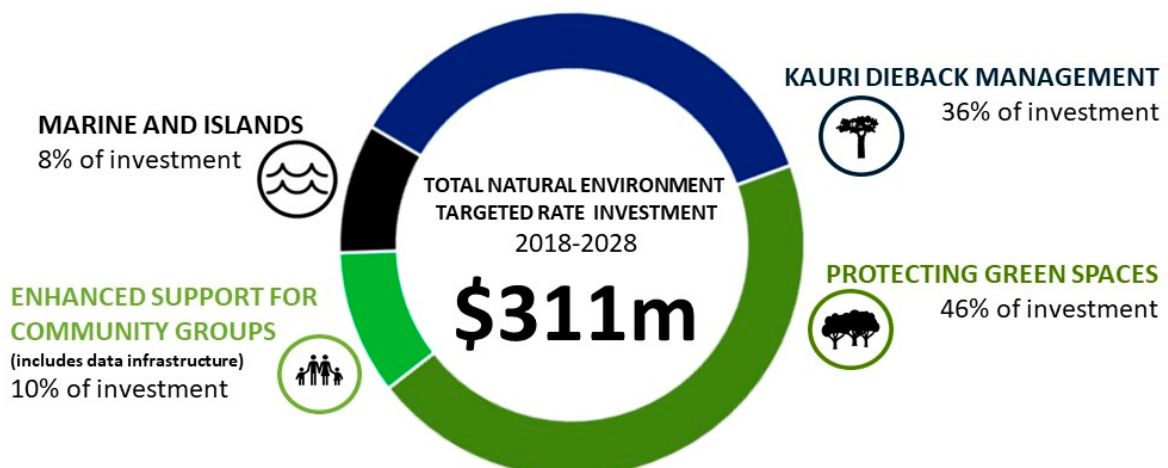
Water Quality and Natural Environment Targeted Rates

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Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

In your area:

Community Waitākere - Wild About Te Atatū project: Received funding from the new Community Coordination and Facilitation Grant (CCF Grant)¹ to support riparian planting and restoration, with work happening in the Whau, Waitākere and Henderson-Massey local board areas.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

Paramuka stormwater ponds: Funding has been committed to renew the ponds and increase contamination removal by retrofitting

Whau and Massey catchments: This outfalls package will increase the capacity of inlets and outlets that are restricting flows and causing blockages in order to reduce erosion around outlets.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your area:

- We are educating land owners on swimmability and septic tanks as a part of our onsite wastewater programme
- Council consulted whether to retain or remove the legacy Waitākere City Council septic tank pump-out service in February 2019 and will consult on future changes through the Annual Plan 2020/2021 so that this service complements the new compliance programme to deliver better water quality.



Safe Networks investigations

We're investing to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

Detailed investigations are underway at 28 Safeswim programme sites across the Auckland region where elevated health risks have been noted.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. For this project funding was split \$15,500 (water quality) and \$7,500 (natural environment) for a total of \$23,000.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

We are prioritising pest plant and animal controls at the following local parks:

- Harbourview-Orangihina – Pest plants and animals
- Opanuku Stream Reserve – Pest plants and animals
- Waimanu Bay Reserve – Pest plants and animals
- Moire Park – Pest plants and animals
- Sunhill Scenic Reserve – Pest plants and animals
- Palomino Esplanade – Pest plants
- Shona Esplanade Reserve – Pest plants



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your area:

- Shona Esplanade: The track at Border Road, Chardon Place and the informal entry from Rhinevale Close will be temporarily closed until works are completed. The track from Chardon Place to Henderson Park and Vintage Reserve will remain open.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **North-West Wildlink Partnership Group** received \$15,000 from the CCF Grant for a facilitator who will also work in Devonport-Takapuna, Kaipātiki, Upper Harbour and Waitākere Ranges local board areas
- **EcoMatters Environment Trust** received \$14,500 for planning, mana whenua engagement and health and safety, also in the Whau Local Board area
- **Community Waitākere**
 - Refer to Water Quality Projects regarding Wild About Te Atatū project funding (CCF Grant)
 - Received \$30,250 (CCF Grant) for project costs for pekapeka awareness and conservation, also in the Waitākere Ranges Local Board
 - Received \$30,000 (three years) from the Regional Environment and Natural Heritage Grant² for Harbourview-Orangihina pest animal control.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



² The existing Regional Environment and Natural Heritage Grant was 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

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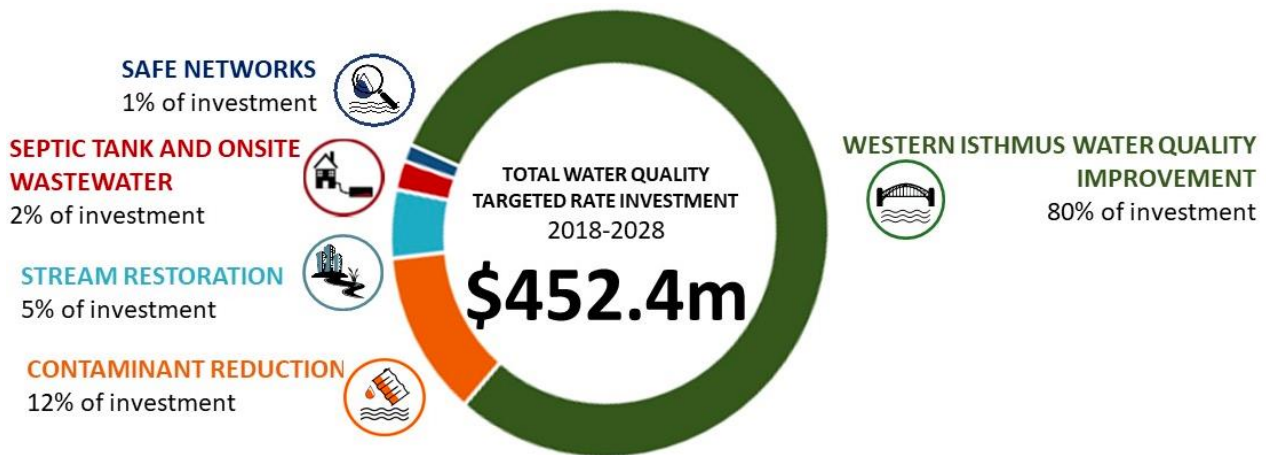
Hibiscus and Bays Local Board



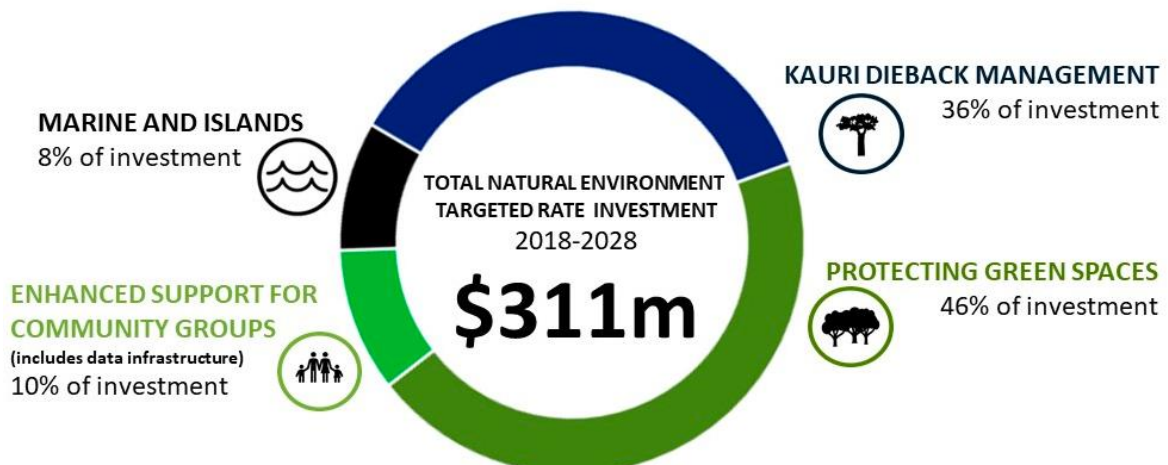
Water Quality and Natural Environment Targeted Rates

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Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area at local parks:

- We are prioritising pest plant control at the **Dacre Historic & Esplanade Reserve**
- We are prioritising pest plant and animal control in **Awaruku Reserve**
- We are prioritising pest plant control at **Shakespear Regional Park**.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your area:

- **Awaruku Reserve:** Several tracks are located next to the roots of young kauri. This section of track will be temporarily closed until mitigation measures have been considered and completed
- **Emlyn Place:** The eastern bush area contains a loop track with healthy kauri. This loop track will be closed temporarily until the appropriate mitigation works have been considered and completed
- **Alice Eaves Scenic Reserve:** This reserve has a substantial number of kauri with many located next to tracks. Kauri dieback has not been identified in this reserve, but ill thrift and other infections are confirmed. Most of the tracks will be temporarily closed until the appropriate mitigation works have been completed.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **Browns Bay School:** Supplied with animal pest control supplies valued at \$434.80
- **Friends of Okura Bush:** Provided with animal pest control supplies and support for landowner engagement projects valued at \$6,620
- **Hibiscus and Bays Restoration Network:**
 - Received wooden trap tunnels valued at \$10,000 for their school's engagement programme
 - Received \$40,000 from the new Community Coordination and Facilitation¹ (CCF) Grant towards employing a coordinator
- **Royal Forest and Bird Protection Society:** Awarded \$25,000 from the CCF Grant for Pest Free Hibiscus Coast
- **Recreation Solutions:** Received \$20,000 from the CCF Grant towards the cost of employing a coordinator to support work in the Taiaotea catchment²
- **Friends of Okura Bush:** Awarded \$35,000 from the CCF Grant to employ a coordinator for their pest control programme
- **Friends of Okura Bush:** Received \$10,000 from the Regional Environment and Natural Heritage Grant³ towards the cost of a professional weeding contractor.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

² The grant to Recreation Solutions was split equally between the natural environment and water quality targeted rates.

³ The existing Regional Environment and Natural Heritage Grant was 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your local area:

- **Long Bay, Browns Bay, Big Manly, Waiake, Mairangi Bay, Little Manly and Matakatia Bay:** Outlet and stream sampling is underway at these sites to determine sources of faecal contaminants and help narrow the focus for more detailed investigations.
- **Red Beach and Castor Bay Catchments:** Detailed asset and private property investigations are underway to determine sources of contamination.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your local area:

- **Asbury Cres, Avenue of Remembrance GC:** Initial scoping investigation on how to reduce sediment load
- **Awaruku Stream Remediation:** Funding has been provided for a feasibility study into how to reduce volumes of sediment entering the marine environment
- **Recreation Solutions - Taiareka Stream:** Refer to Natural Environment Projects (CCF Grant) above.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



July 2019

Howick Local Board

Water Quality and Natural Environment Targeted Rates

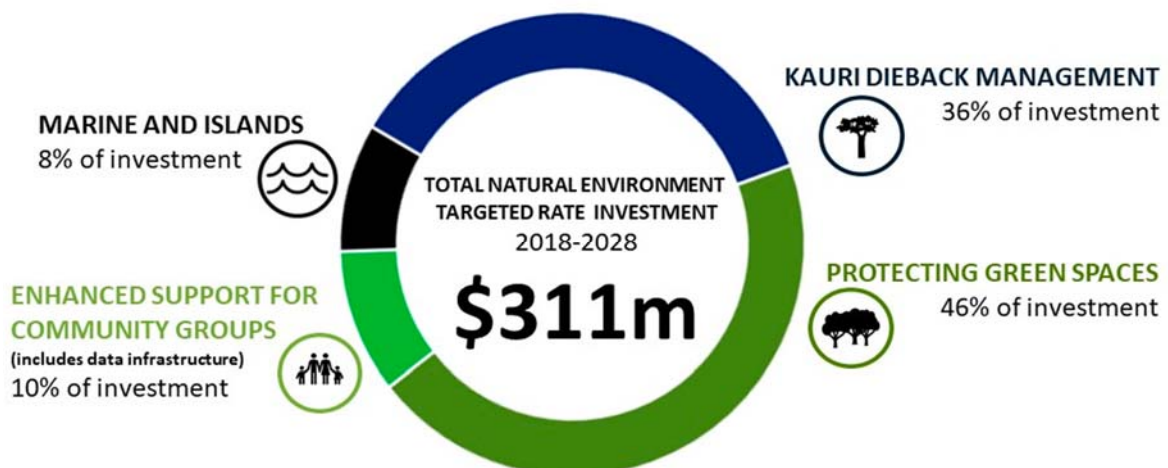


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your local board area, we are undertaking the following activities:

Big Bucklands Beach, Little Bucklands Beach, Mellons Bay, Cockle Bay, Howick Beach and Eastern Beach: Outlet and stream sampling is underway to determine sources of faecal contaminants and help narrow the focus for more detailed investigations.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your area:

Millhouse Reserve - Cascade Walkway: An initial scoping study is underway to investigate potential water quality outcomes as part of a wider project to restore the stream to its natural state

Luplau Crescent urgent stream stabilisation: Initial scoping is underway for a targeted rate component to fund reduction of stream sediment loads

Cockle Bay Outfall: Targeted rate funding is approved to assess and improve existing outfalls causing significant erosion and contributing to poor water quality. Cockle Bay is impacted by outfalls at Mangere Inlet, Slippery Creek and Whangapouri Creek and these streams are being addressed as a cluster.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at the following local parks:

- Murphys Bush Reserve
- Pohutukawa Avenue Esplanade Reserve
- Point View Reserve

We are also prioritising pest plant control at The Sandspit.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your local board the following work is underway:

- **Point View Reserve:** Healthy kauri are scattered around the fringe of the forest and several are growing next to tracks. The recommendation is to close the track to the north that comes into the reserve from the upper carpark off Caldwell's Road and undertake mitigation works to remaining track surfaces adjacent to kauri. Some temporary barriers will be installed around other kauri in open spaces to prevent public access to their feeding roots.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local groups we are supporting in the board area include:

- **Pest Free Howick:**
 - Received pest animal control materials to support community-led pest control initiatives as part of an expanding Pest Free Howick programme. The group received flags and animal pest control supplies valued at \$2,766
 - Received funding to support community education and pest control events. Support valued at \$770 was provided for organising and hosting
 - Funding (\$15,000) to support training costs to upskill the Pest Free Howick coordinator's expertise in pest control practices
- **Ngai Tai ki Tāmaki:** Received a GPS unit at \$424 to enable monitoring of their pest control programme at Musick Point
- **Rotary Club of Pakuranga Charitable Trust:** Received funding (\$10,000) from the Regional Environment and Natural Heritage Grant¹ towards their pest-free programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



¹ The existing Regional Environment and Natural Heritage Grant was 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

July 2019

Kaipātiki Local Board

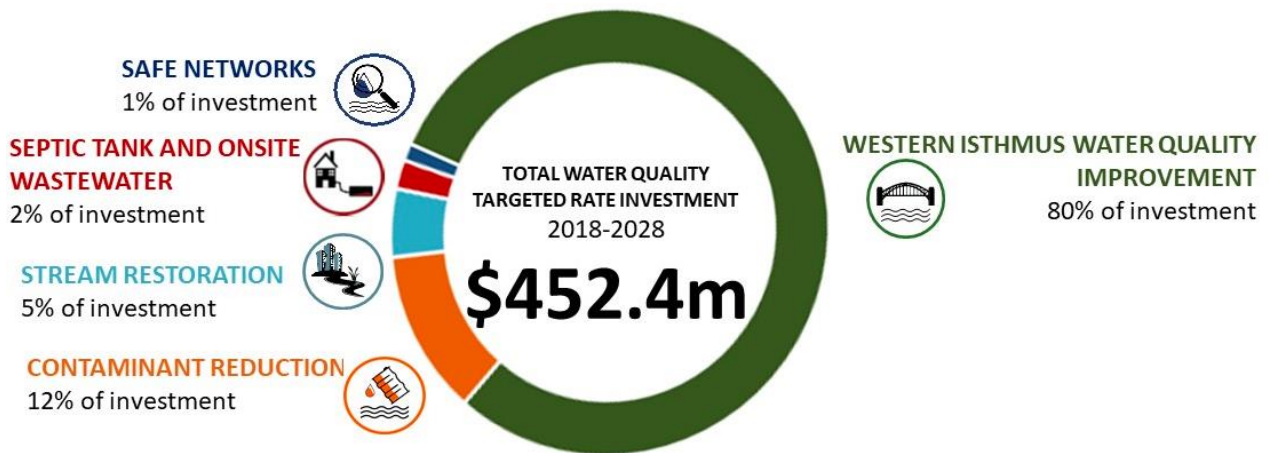
Water Quality and Natural Environment

Targeted Rates

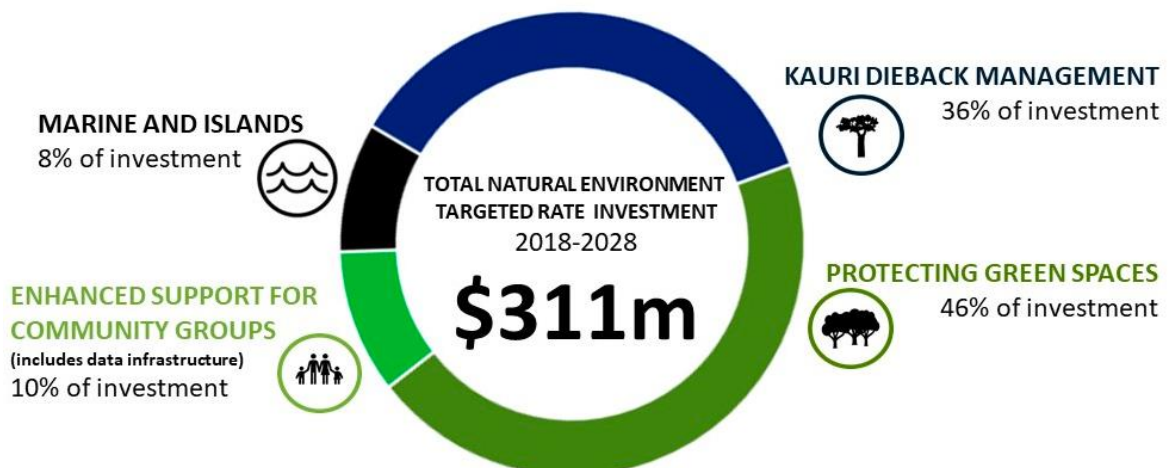


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

In your area:

- **Lincoln, Swanson and Waiurutoa Catchments:** To assess and improve existing outfalls to streams that are causing significant erosion and contributing to poor water quality.



Contaminant reduction projects

Investing targeted rate funding to reduce the amount of urban pollutants and sediment entering our waterways.

- **Akoranga storm-water pond renewal:** The water quality targeted rate funded component will be to increase the efficiency of contaminant removal
- **Wairau industrial area:** Funding provided to incorporate water quality improvements into the existing storm-water network.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.



Safe Networks investigations

Investing to investigate sources of contamination at popular swimming beaches and waterways, and to identify solutions for these. Detailed investigations are underway at 28 Safeswim sites across the region where elevated health risks have been noted.

Natural Environment Projects



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your local board area, we are undertaking the following activities:

- **Kauri Glen Stage 1 Reserve:** 0.345 km of track upgrades completed; 1 hygiene station to be installed
- **Le Roys Bush reserve:** 0.48km of track upgrades completed; 1 hygiene station to be installed
- **Eskdale Reserve:** 0.305 km of track upgrades completed; 1 hygiene station to be installed
- **Chelsea Heritage Park:** 1.12 km of track upgrades nearing completion; 1 hygiene station to be installed

In your local board area, three parks were fully closed and seven were partially closed to help prevent the spread of kauri dieback disease. A forward work programme with mitigation works to upgrade priority tracks to kauri safe standard will be presented to the board in August/September 2019.

Natural Environment Projects (continued)



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at these local parks:

- Birkenhead War Memorial Park
- Fred Anderson Reserve
- Smiths Bush Scenic Reserve



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local groups we're supporting in the board include:

- **Pest Free Kaipātiki Restoration Society:**
 - Awarded \$82,000 in non-contestable environment funding for pest plant, pest animal and kauri dieback management (Pest Free Kaipātiki Halo Project)
 - Received \$22,000 from the Regional Environment and Natural Heritage Grant¹ (RENH Grant) towards pest control materials and staffing for the Action on the Land: Pest Free Kaipātiki Predator Blitz
 - Received \$20,000 from the RENH Grant towards project costs for the annual Kaipātiki Chew Card campaign and informative signage project
 - Received funding (\$55,000 over three years) from the same grant for project and administration costs for the Kaipātiki Restoration Network
- **Kaipātiki Project:**
 - Awarded \$15,000 from the RENH Grant towards educator and project development costs for the Community Teaching Nursery
 - Received \$10,000 from the Community Coordination and Facilitation Grant towards a Hobsonville Point native nursery
 - Received \$10,000 from the RENH Grant towards a trial of non-chemical weed control methods in ecological restoration
- **Glenfield Service Centre:** Received six traps valued at \$255 to sell to the local community at a discount
- **North-West Wildlink Partnership Group:** Received \$15,000 from the new Community Coordination and Facilitation Grant² towards employing a group facilitator/partnership broker who will also work in Devonport-Takapuna, Upper Harbour, Henderson-Massey and Waitākere Ranges local boards
- **Le Roys Bush and Little Shoal Bay Reserves Charitable Trust (Beyond the Fence project):** Received \$10,000 from the RENH Grant for weed and pest control
- **Davian Lorson:** Received \$5,000 from the RENH Grant towards production costs for pest plant educational videos
- **Community conservation groups in the North Shore area:** Networking and sharing Enviro Hui Event on 25 May (\$10,775).

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



¹ The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

² The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, including \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. This grant was fully funded by the natural environment targeted rate.

July 2019

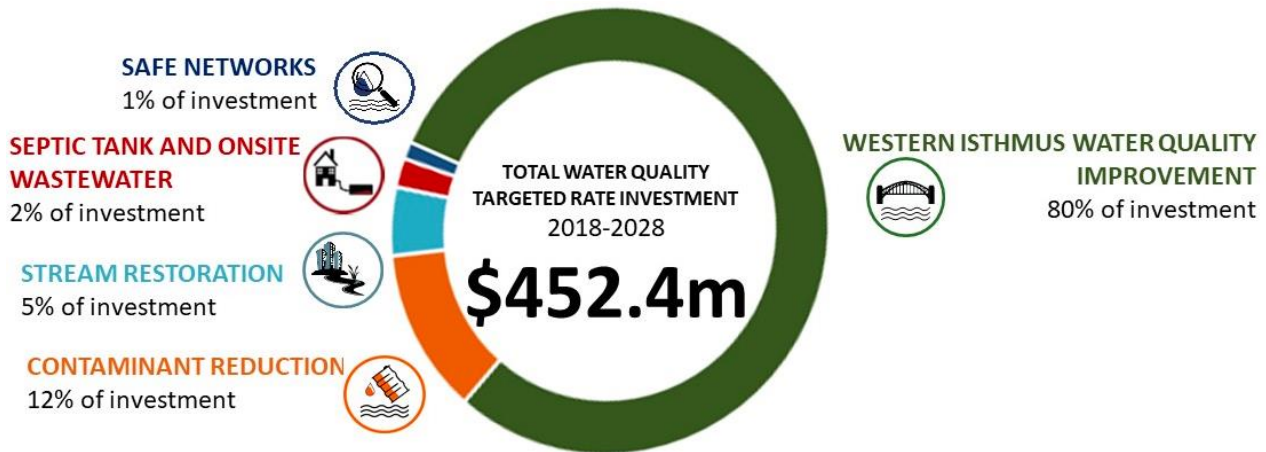
Māngere-Ōtāhuhu Local Board



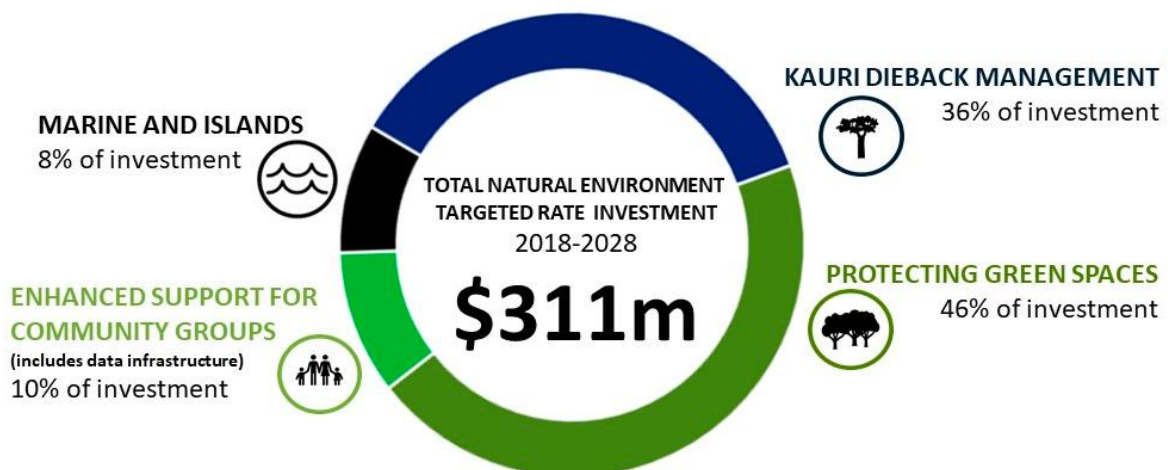
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. The council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

In your area:

- **Tararata Creek restoration:** We are exploring options for improving water through the development process of the adjoining HLC land.
- **Māngere Inlet:** Targeted rate funding is approved to assess and improve existing outfalls causing significant erosion and contributing to poor water quality. Māngere Inlet is impacted by outfalls at **Cockle Bay, Slippery Creek and Whangapouri Creek** and these streams are being addressed as a cluster.
- **Manurewa Marae Trust¹:** Received \$20,000 (\$10,000 from water quality targeted rate and \$10,000 from natural environment targeted rate) via the new Coordination and Facilitation Grant² for Te Pua Nga Maara project coordination costs. This is a project based at Makaurau, Papatuanuku and Manurewa marae to increase rangitahi-led, taiao (environment) focused and action-based kaupapa to create sustainable leaders for the future. Te Pua Nga Maara supports riparian planting and water quality improvement projects in Puhinui Stream and Oruarangi Awa and occurs across the Māngere-Ōtāhuhu and Manurewa local boards areas.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

- **Bader Drive upgrade:** A feasibility study has been approved to incorporate water quality treatment outcomes into this town centre development project.
- **Ōtāhuhu town centre upgrade:** The targeted rate is funding the installation of water quality treatment devices and new stormwater infrastructure as part of the town centre upgrade.



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

¹ Te Pua Nga Maara is a collective of three marae that have partnered with Department of Conservation to work towards better social, cultural and environmental outcomes for their communities.

² The Community Coordination and Facilitation Grant is a natural environment targeted rate initiative which distributed \$740,000 to groups in 2018/2019. This figure includes \$120,000 additional funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising:

- Pest plant and animal control at **Ōtuataua Stonefields Reserve**. We have drafted the pest control recommendations and are currently consulting with the local iwi to finalise the plan for this reserve.

We are also prioritising regional parks:

- Pest plant and animal control at **Ambury Regional Park**
- Pest plant control at **Te Motu a Hiaroa (Puketutu Island)**



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests.
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **Makaurau Marae:** Received nursery supplies and help upgrading their irrigation system at a value of \$6,112
- **Manurewa Marae Trust:** Refer to the Water Quality Projects section regarding Community Coordination and Facilitation Grant funding for Te Pua Nga Maara.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

Manurewa Local Board

Water Quality and Natural Environment

Targeted Rates

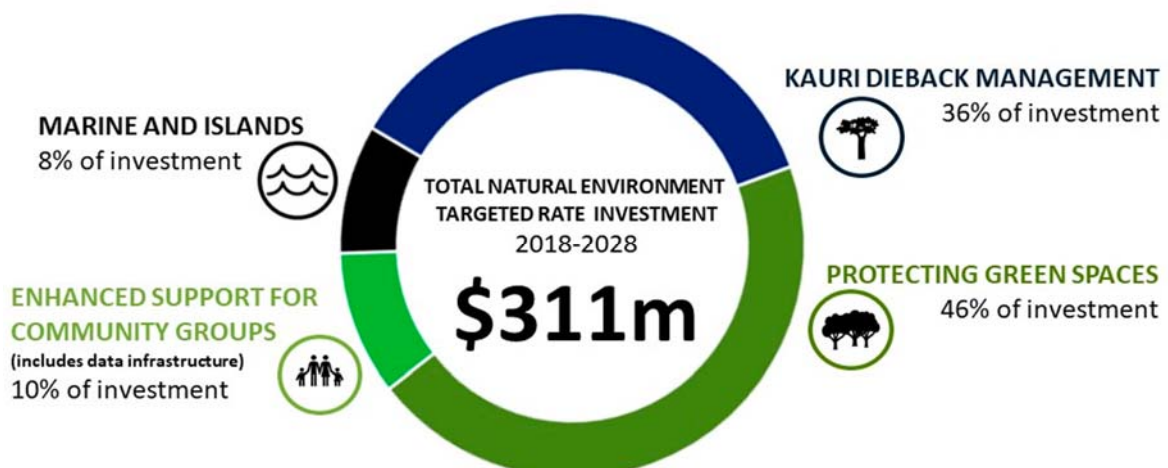


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at the following local parks:

- Burundi Ave foreshore
- David Nathan Park
- Everglade Drive

We are also prioritising pest plant control at the following locations:

- Hillcrest Grove Reserve
- Oxford Park
- Walpole Avenue Reserve



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this budget is for track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local initiatives we are supporting in the board area include:

The Manurewa Marae Trust¹ - Te Pua Nga Maara: Received \$20,000 (\$10,000 from water quality targeted rate and \$10,000 from natural environment targeted rate) via the new Coordination and Facilitation Grant² for project coordination costs. This is a project based at Makaurau, Papatuanuku and Manurewa marae to increase rangitahiled, taiao (environment) focused and action-based kaupapa to create sustainable leaders for the future. Te Pua Nga Maara supports riparian planting and water quality improvement projects in Puhinui Stream and Oruarangi Awa and occurs across the Māngere-Ōtāhuhu and Manurewa local board areas

Royal Forest and Bird Protection Society NZ: Received \$10,000 from the Community Coordination and Facilitation Grant towards employing a Southeast Wildlink project co-ordinator who will also work in the Franklin Local Board area.

¹ Te Pua Nga Maara is a collective of three marae that have partnered with Department of Conservation to work towards better social, cultural and environmental outcomes for their communities.

² The Community Coordination and Facilitation Grant is a natural environment targeted rate initiative which distributed \$740,000 to groups in 2018/19, of which \$120,000 additional funding came from the water quality targeted rate to support landowners and groups helping to protect and restore urban and rural waterways.

Water Quality Projects



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

Wiri Stream channel and pond restoration: Initial scoping is underway to look into restoring the channel and pond, removing concrete lined portions and enhancing freshwater habitat

Puhinui Stream: Initial scoping is approved for a cross-collaboration with Auckland Climate Action Plan staff to develop a joint restoration project for the Puhinui Stream

Community Education Projects: Staff are developing a framework to support and grow more citizen science programmes and link them to a wider water quality community

The Manurewa Trust - Te Pua Nga Maara: Refer to project details in natural environment projects Community Coordination and Facilitation Grant funding.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

Wattle Farm: A feasibility study is approved to investigate upgrading the remaining part of the Wattle Farm stormwater pond to increase its overall capacity, remove contaminated material and improve the amenity and surrounding environment.



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



July 2019

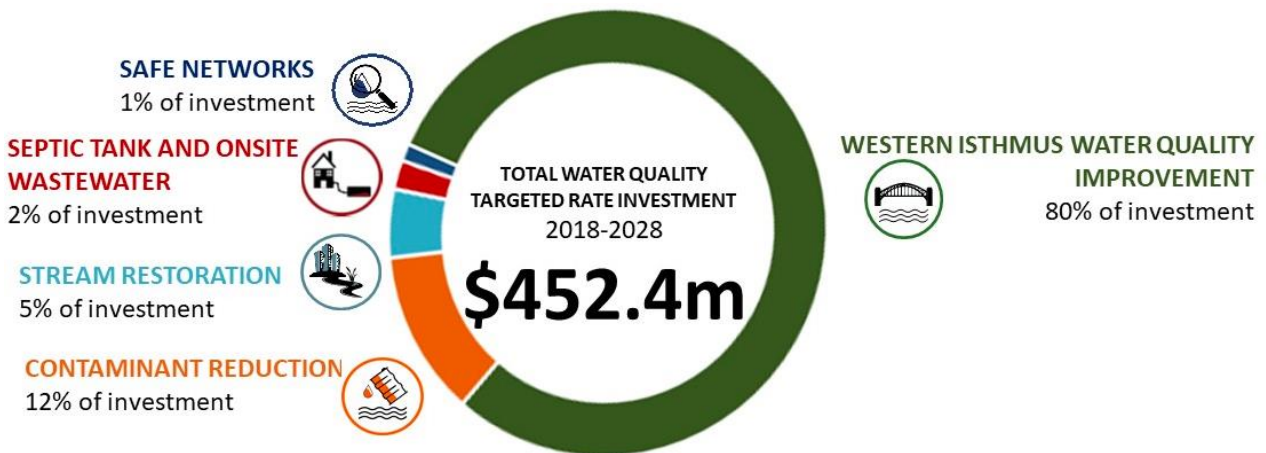
Maungakiekie-Tāmaki Local Board



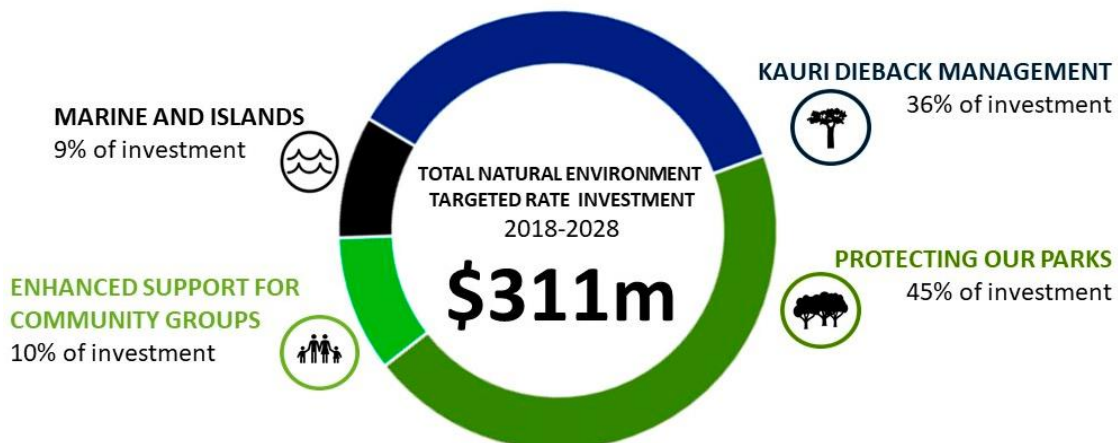
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

Onehunga Lagoon and Taumanu East and West investigations: Water quality testing and preliminary investigations underway.

Wai-o-Taki catchment: Detailed asset and private property investigations are complete in the vicinity of Castledine Crescent in Glen Innes.

Point England Beach: The Safe Networks programme is undertaking outlet and stream sampling to help determine sources of faecal contaminants.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

- **Glen Innes town centre contaminant reduction:** Targeted rate funding is approved to retrofit the existing stormwater network at the town centre to reduce contaminant loads to Ōmaru Creek and Tāmaki Estuary.
- **Sylvia Park School swale:** The targeted rate will support construction of a swale at Sylvia Park School, in order to slow down water and allow absorption and filtration.
- **Pt England Reserve stormwater pond renewal:** Targeted rate funding is approved to improve the water quality treatment efficiency component of the project and enhance wetland amenity.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Natural Environment Projects



Protecting our parks

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant control at the following locations:

- **Anns Creek Reserve**
- **Wai-o-Taiki Nature Reserve**

We are also undertaking pest plant control and pest animal monitoring at Hochstetter Pond (The Grotto Wetland).



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this budget will be spent on track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.



Islands and marine

We're taking action to control and reduce the spread of marine pests to protect native species, eco-systems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted pest species survey has been completed to better understand the current ecology of the harbour
- **Inter-Regional Marine Pest Pathway Management consultation:** Consultation has begun on new rules and a plan to work with other agencies and councils to manage marine pests in our harbours.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Biosecurity@aklc.govt.nz

July 2019

Ōrākei Local Board

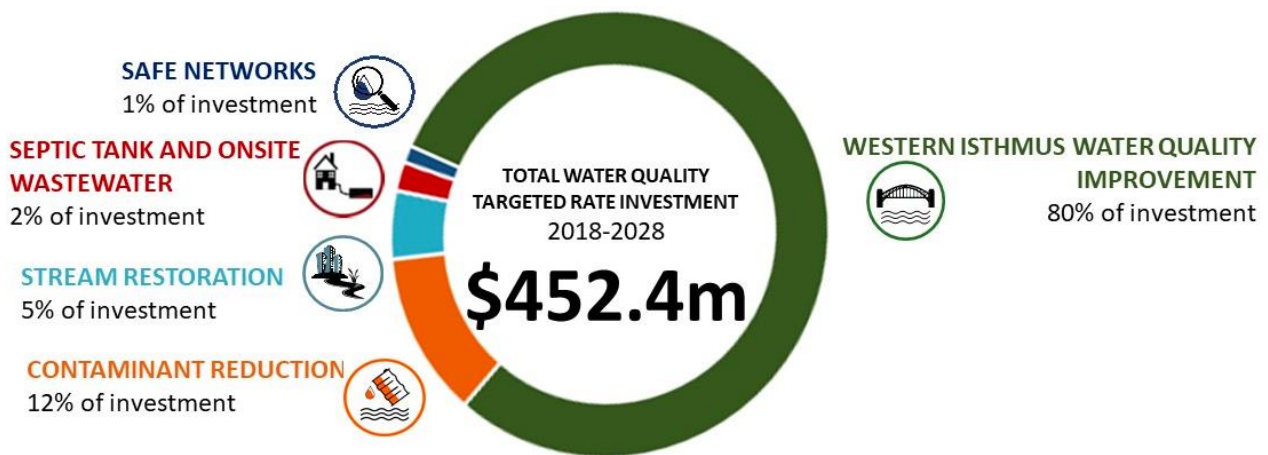
Water Quality and Natural Environment

Targeted Rates

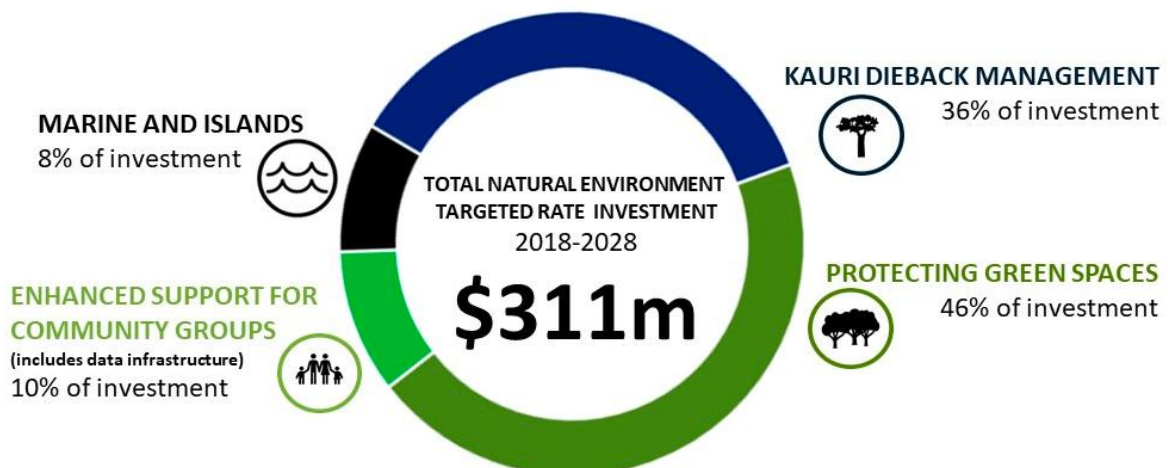


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at these local parks:

- Roberta Reserve
- Wharua Reserve
- Waitaramoa Reserve
- Martyn Wilson Fields and Sonia Reserve

We are also prioritising pest plant control at Keba Bush Reserve.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your area:

- **Dingle Dell Reserve:** We are temporarily closing access to tracks near the entrance at Fern Glen Road South to allow mitigation works to be undertaken.
- **Waatarua Reserve:** Track mitigations to improve hydrology and ensure a formed dry surface are being evaluated in addition to buffer planting for single trees.



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local groups we are supporting in the board area include:

- **Auckland East Men's Shed:** Received \$4,133 for rodent control supplies
- **Eastern Bays Songbirds Project:**
 - \$31,477 for traps and equipment
 - \$45,000 over three years from the Regional Environment and Natural Heritage Fund¹, including:
 - \$20,000 for 18/19 (and an additional \$5,000 from the natural environment targeted rate)
 - \$15,000 for 19/20
 - \$10,000 for 20/21
 - \$25,000 from the new natural environment targeted rate-funded Community Coordination and Facilitation Grant²
 - In addition, the group received \$40,000 from the Ōrākei Local Board as part of its 2018/2019 local environment work programme.

¹ The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

² The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, including \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. This grant was fully funded by the natural environment targeted rate.

Water Quality Projects



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

We are working in consultation with Ngāti Whātua Ōrākei on the following projects:

- **Ōkahu Bay targeted separation:** \$7.7 million has been approved to separate wastewater and stormwater pipes for 171 properties and construct 4.5 km of new stormwater network to reduce polluting overflows into the bay and enable future growth.
- **Ōkahu Bay outfall diversion:** to relocate the outfall to a higher energy receiving environment to disperse stormwater-borne contaminants.



Safe Networks investigations

We're investing to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your area:

- **Meadowbank (Pourewa West Catchment):** Detailed asset and private property investigations are underway across the catchment. Additional sampling of stormwater outlets that discharge into Pourewa Creek are planned to determine if any further public and private drainage investigations will be needed further up the catchment. This is a screening level monitoring that will also help to show whether resolution of issues in the initial investigation is improving water quality. The sampling will occur at outlet, stream and manhole locations, and is due to be completed by October 2019.
- **Mission Bay, St Heliers, Kohimarama, Ōkahu Bay, and Judges Bay:** Outlet and stream sampling is underway to determine sources of faecal contaminants degrading beach water quality. This will be followed by targeted detailed investigations. The more detailed investigations are undertaken in stormwater catchments where human sources of faecal contaminants are identified during outlet sampling. These investigations involve sampling further up the network at manholes to find hotspots, which helps to narrow the focus of public and private drainage inspections to a neighbourhood level.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

- **Restoration of Newmarket Stream:** Initial scoping is underway to extend restoration efforts into Newmarket Park to complement local board-funded work that community and landowners are undertaking upstream.
- **McArthur Avenue (St Heliers) stream stabilisation:** a flood mitigation project has provided opportunity to rehabilitate the stream and bring about improvements to stream ecosystem and water quality.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

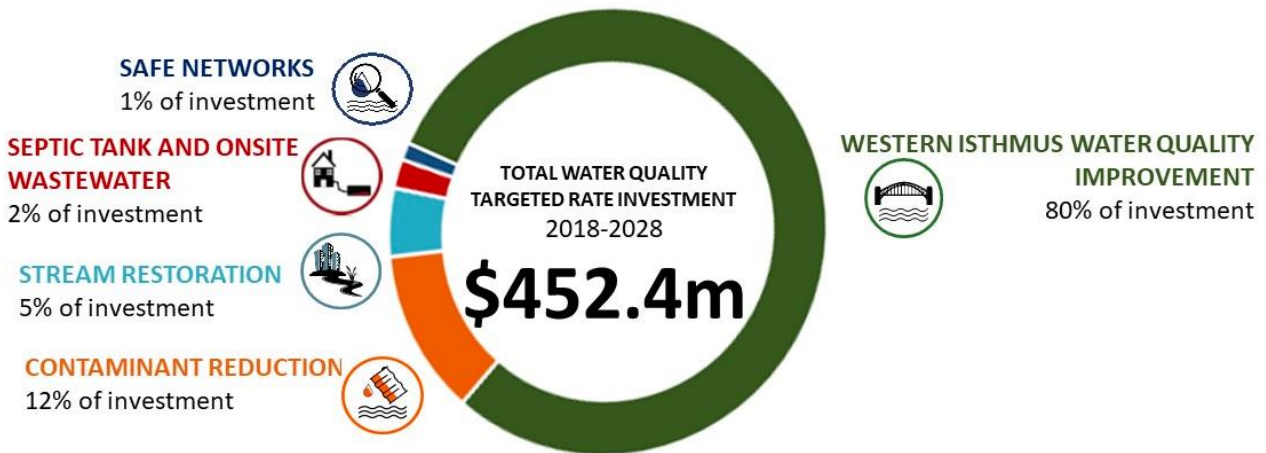
Ōtara-Papatoetoe Local Board



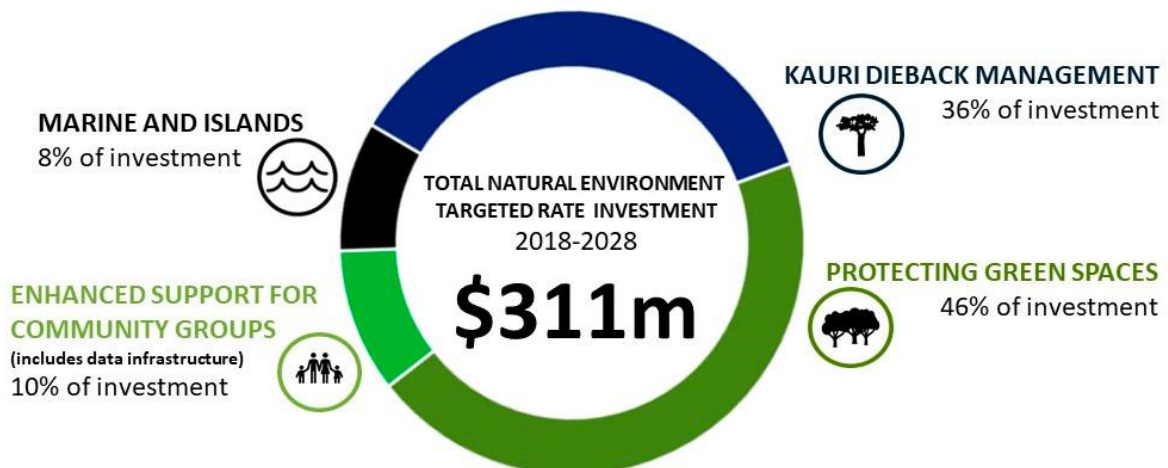
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Kauri dieback management

We're investing targeted rate funding to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this budget will be spent on track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests.
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

Puhinui project: Received pest control supplies valued at \$3,500 for use in the area.

Water Quality Projects



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

Ōtara Lakes restoration: Preliminary investigation underway into how best to remediate degradation due to industrial use.

Puhinui Stream: Water Quality Targeted Rate and Auckland Climate Action Plan staff are developing a joint integrated stream restoration project for the Puhinui Stream

Ōtara Waterways and Lakes Trust: Awarded \$18,000 from the new Community Coordination and Facilitation Grant¹, towards employment of an Adopt a Spot Local Ambassador and Stream Team Apprentice.



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, including \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. This grant was fully funded by the water quality targeted rate.

July 2019

Papakura Local Board

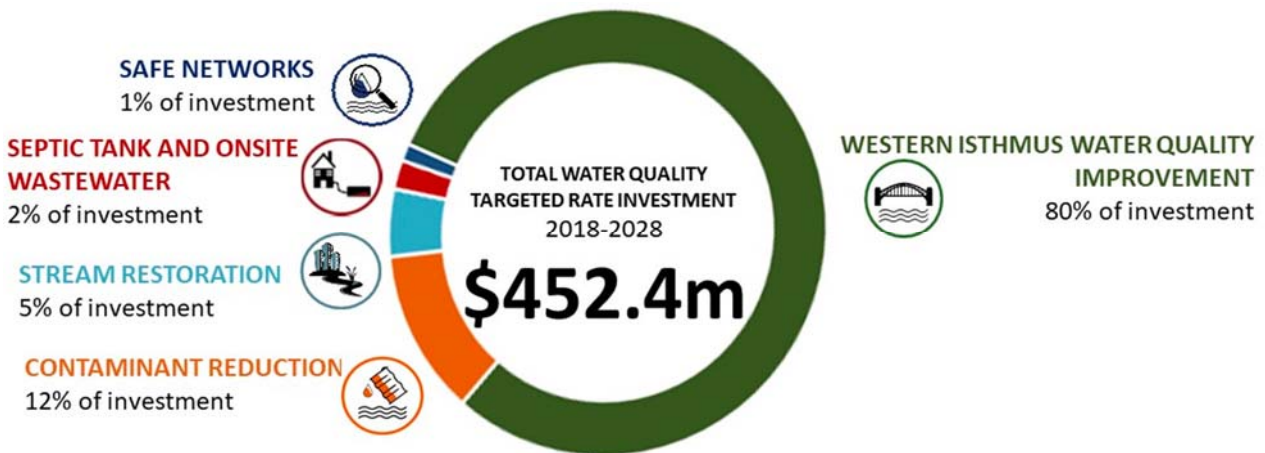
Water Quality and Natural Environment

Targeted Rates

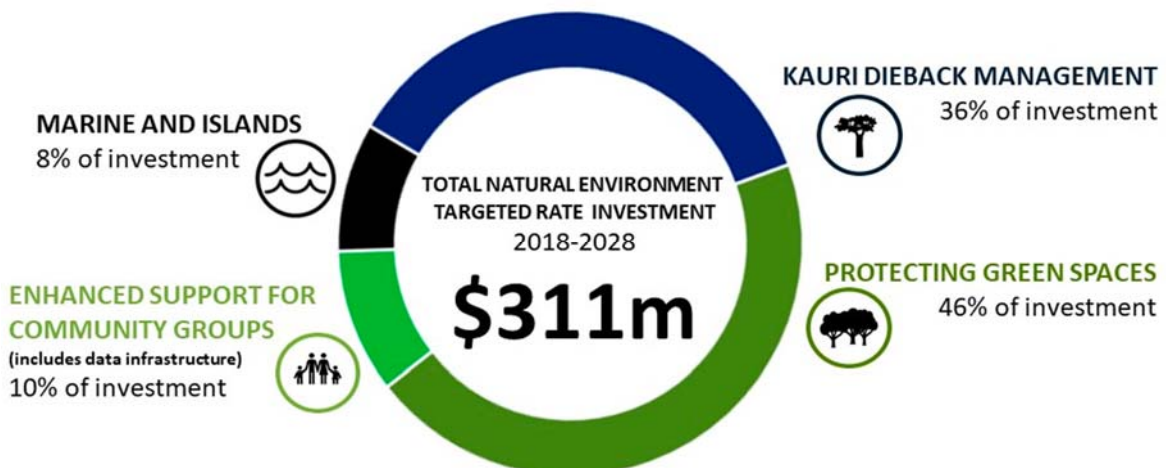


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at the following local parks:

- Kirk's Bush
- Butterworth Block



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this budget will be spent on track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.

In your area we are working at:

Kirks Bush: Temporary closure of tracks near diseased kauri trees to allow mitigation works to be completed. Other tracks in the circuit will remain open but with restricted access to the parts of the bush near Beach Road and Great South Road.

Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

The following stream restoration activities are underway in your local board area:

Slippery Creek outfall: The targeted rate is supporting a wider programme to assess and improve existing outfalls and outfall networks to streams – in this case, including Whangapouri Creek, Cockle Bay and Mangere Inlet - that are causing significant erosion and contributing to poor water quality

Fonterra partnership – Papakura Stream: Staff are working on a memorandum of understanding with Fonterra to support their '50 catchments' initiative, one of which is Papakura Stream

Waterways Protection Fund, Papakura Stream catchment: Grant funding has been provided to land owners towards the fencing, protection and restoration of the streams and water courses in this catchment.



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

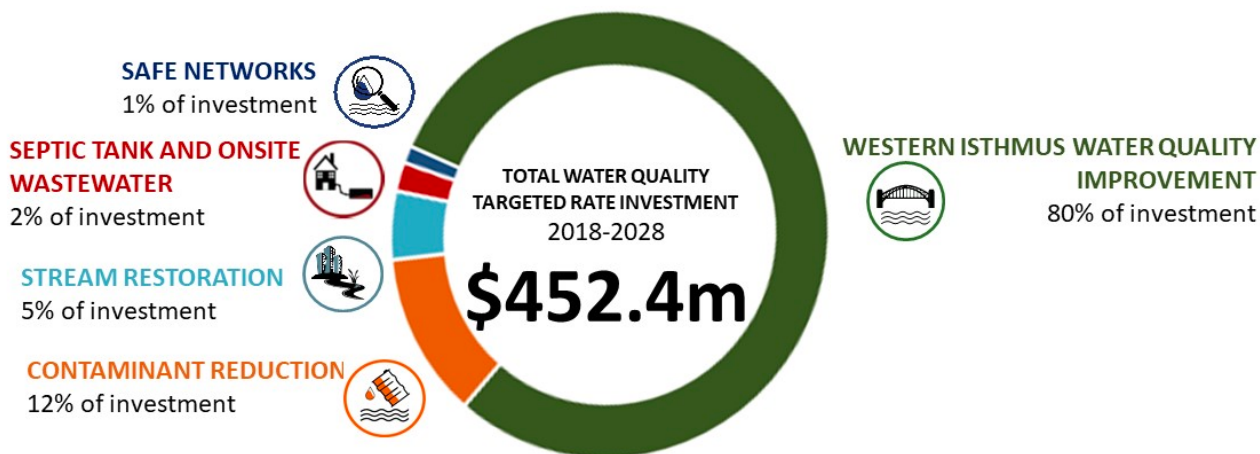
Puketāpapa Local Board



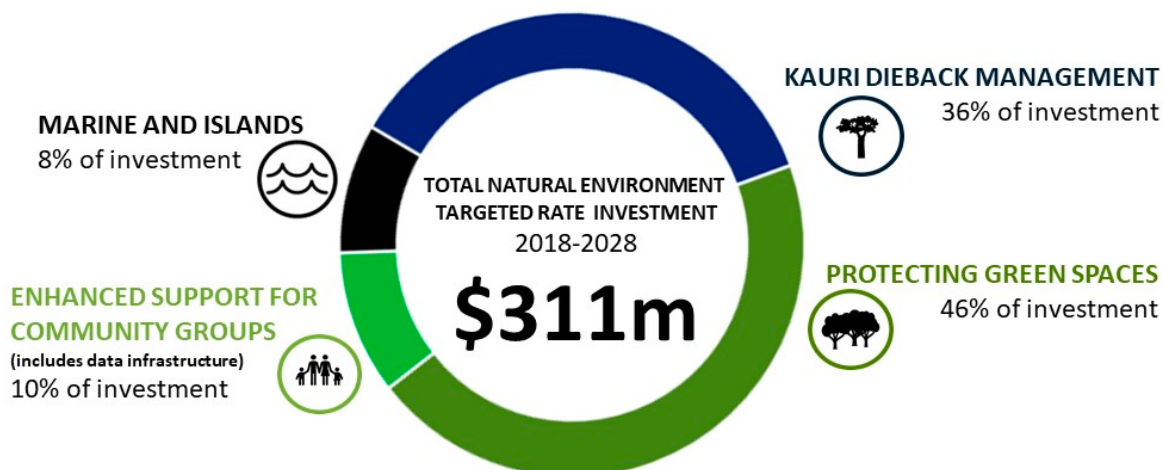
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing water quality targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

Outlet and stream water quality screening investigations are underway at 28 Safeswim sites across the Auckland region to help identify the sources of faecal contaminants that may be affecting beach water quality.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your area:

- **Te Auaunga Oakley Walmsley & Underwood Park Stream:** An investigation project has been approved to commence initial scoping of Stage 2 of the Oakley Creek project
- **White Swan Road & Somerset Rd Erosion:** Water quality targeted rate funding is approved to reduce in-stream erosion caused by historical development which has led to sediment smothering the vegetation.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitemata Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at the following local parks:

- **Aldersgate Reserve**
- **Himalaya Reserve**
- **Waikowhai Park**
- **Wairaki Stream Reserve**
- **Captains Bush**
- **Lynfield Cove Reserve**
- **Manukau Domain**
- **Wattle Bay**

We are also prioritising pest plant control at the following locations:

- **Grannys Bay Reserve**
- **Hillsborough Reserve**
- **Kingswood Reserve**
- **Halsey Esplanade Reserve**
- **Hillsdale Reserve**
- **Sylvania Crescent Esplanade Reserve**



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this budget is for track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and enable closed tracks to be re-opened.



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz

July 2019

Rodney Local Board

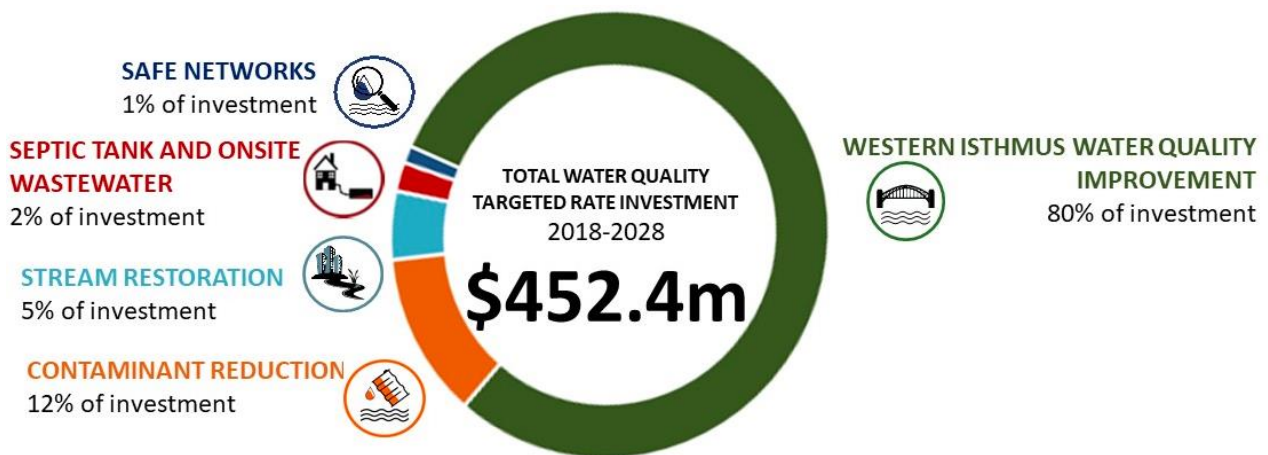
Water Quality and Natural Environment

Targeted Rates

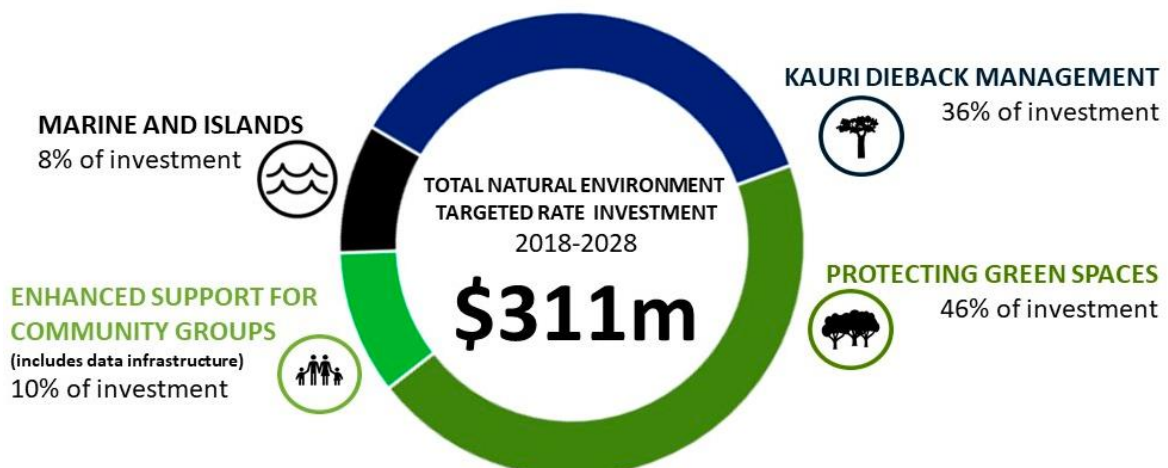


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and pest animal control at the following local parks:

- Birds Beach Recreation Drive
- Slipper Lake Reserve
- McElroy Reserve
- Omaha Beach Reserve
- Sandspit Road – Brick Bay Drive
- Brick Bay Drive – Puriri Place Reserve
- Thomas Grace Scenic Reserve
- Whangateau Harbour Esplanade Reserve
- Constable Road, Muriwai

We are also prioritising pest plant control at the following locations:

- Anderson Road Matakana
- Kowhai Park
- Tomarata Dune Lakes Reserve
- Mahurangi River, Sandspit Road
- Parry Kauri Park
- Omaha South Quarry Reserve

In regional parks, we are prioritising pest plant control at the following locations:

- Te Arai Regional Park
- Tawharanui Regional Park
- Mahurangi Regional Park (East)
- Wenderholm Regional Park
- Pakiri Regional Park
- Atiu Creek Regional Park
- Mahurangi Regional Park (West)
- Muriwai Regional Park

We are also prioritising pest animal control at Te Rau Puriri Regional Park and the Dome Valley.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

The following parks have a substantial number of kauri trees alongside the walking tracks. Most of the kauri in these parks are healthy and the closures are precautionary due to the close proximity of kauri dieback disease elsewhere in the district. Tracks in these parks will therefore be temporarily closed to allow mitigation works to be completed.

- Currys Bush Reserve
- McElroy Reserve
- Omeru Scenic Reserve
- Kowhai Park
- Martins Bay Recreational Reserve and Holiday Park

In addition, track upgrades are happening at the following locations:

- **Tawharanui Ecology Trail:** 3.8km of track upgrades nearing completion; 2 hygiene stations to be installed
- **Puhoi Track Wenderholm:** 0.6km of track upgrades nearing completion; 1 hygiene station to be installed
- **Caldrey House:** 1.65km of track upgrades nearing completion; 2 hygiene stations to be installed.

Natural Environment Projects (continued)



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

In your local area:

- **Kaipara Harbour:** A targeted marine pest survey has been completed to better understand the current distribution of marine pests
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways
- A review of the **Hauraki Gulf Controlled Area Biosecurity Management Plan** has commenced to update it in line with the Regional Pest Management Plan
- A pre-consultation plan has been commissioned for the **multi species pest eradication of Kawau Island.**



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your local area:

- **CUE Haven:** Received herbicide supplies (valued at \$500) for local weed control
- **Sandy Bay residents on Kawau:** Received herbicide supplies (valued at \$840) for weed control on their properties
- **Tapora Landcare:**
 - Materials valued at \$1,270 were provided for local projects
 - Received pest animal trapping and monitoring equipment valued at \$44,203 for use by local residents
- **Mahurangi Community:** Received rodent toxins valued at \$675 for community pest control efforts
- **Muriwai Community:** Received skip bins valued at \$930 for use during the annual Easter Weed Amnesty
- **South Head Landcare group:** Supplied with traps and lures valued at \$5,011 for use in their pest control projects
- **North West Rodney:** The community was provided with traps and bait stations valued at \$6,010 for use in their community projects
- **Integrated Kaipara Harbour Management Group:** Received \$50,000 for project engagement roles and administration costs to upscale projects
- **Takatu Landcare Group:** Received pest control devices valued at \$50,000 and \$32,200 to help employ a community pest management coordinator
- **Te Arai and Mangawhai Shorebirds Trust:** Received \$15,000 from the new Community Coordination and Facilitation Grant towards project management costs and preparation of a pest control plan
- **The Forest Bridge Trust:**
 - Awarded \$45,000 (same grant as above) to enable employment of a field coordinator, a geo-analyst and database and monitoring support
 - Received \$40,000 in support of their Eastern Connectivity Project
 - Received \$25,000 (Regional Environment and Natural Heritage Grant¹) for educators and pest control equipment for the CatchIT programmes, and \$30,000 for fencing forest remnants, riparian margins and wetlands
- **NZ Native Forest Restoration Trust:** Awarded \$6,000 (same grant as above) for pest control materials and contractor assistance
- **Muriwai Environmental Action Community Trust:** Received \$5,000 (same grant as above) to purchase supplies for Pest Free Muriwai

¹ This grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

Water Quality Projects



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

In your area we are working in:

- **Kaipara/ Kumeu/ Kaukapakapa River Network Stream Bank Erosion Assessment:** This is the second largest catchment in Auckland region, draining into the Kaipara Harbour. Stream bank erosion is main source of sediment. This work package will identify areas of erosion risk to guide sediment reduction priorities and support land-use change requirements for urban development in these catchments
- **Fonterra Partnership:** Auckland Council and Fonterra are working on a memorandum of understanding to support dairy farms with their environment management plans
- **Forest Bridge Trust:** This group was awarded a \$27,000 grant to employ a community coordinator to support riparian planting and restoration projects.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

- **Ngaroto Lakes Groundwater²:** An investigation is being scoped to understand how water enters the lakes, to enable communities to target their interventions. This programme is being delivered with Ngati Manuhiri and has additional support from the natural environment targeted rate programme for pest species monitoring.
- **Warkworth Industrial Estate:** A feasibility investigation has been approved with regards to incorporating water quality treatment into the existing stormwater network. The intention would be to drain the high contaminant generating industrial area at Warkworth, reducing contaminant loads entering the Mahurangi River.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your local board area:

- We are educating land owners on swimability and septic tanks as a part of our onsite wastewater programme.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects to reduce overflows into Waitematā Harbour. Watercare is also investing in major water infrastructure, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



² Natural environment targeted rate is supporting baseline monitoring at Rototoa and Tomarata lakes which is now complete on both water bodies including pest fish populations and lake analysis. Analysis of these results is underway.

July 2019

Upper Harbour Local Board

Water Quality and Natural Environment

Targeted Rates

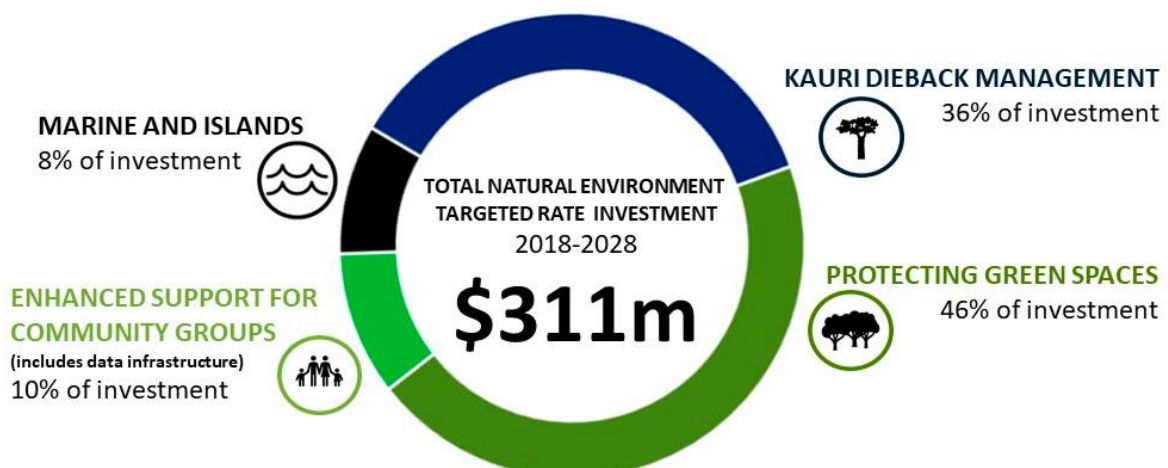


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your area:

- **Christmas Beach:** Targeted detailed asset and private property investigations are underway in the catchment.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your area we are supporting:

- **Greenhithe Community Trust:** Received funding from the Community Coordination and Facilitation Grant¹ for restoration work in Hellyers Creek and Te Wharau Creek areas. The funding split was \$6,400 (water quality) and \$2,000 (natural environment).



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area we are supporting:

- **Rosedale East Pond Upgrade:** An initial scoping study is approved to investigate opportunities to include water quality improvements into the stormwater pond upgrade, which has an efficiency and dam safety focus
- **Unsworth Reserve Stormwater Pond Renewal:** We are undertaking a scoping study on how best to incorporate water quality targeted rate funded improvements into the wider pond renewal project.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your local board area:

- We are educating land owners on swimmability and septic tanks as a part of our onsite wastewater programme.
- Council consulted whether to retain or remove the legacy Waitākere City Council septic tank pump-out service in February 2019 and will consult on future changes through the Annual Plan 2020/2021 so that this service complements the new compliance programme to deliver better water quality



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

We are prioritising pest plant and animal control at the following local parks:

- Albany Heights Reserve
- Burnside Escarpment
- Gills Reserve
- Lucas Creek Scenic Reserve
- Albany Heights West Reserve
- Fernhill Escarpment
- Paremomo Scenic Reserve

We are also prioritising pest plant control at Kereru Reserve.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Work happening in your area:

- **Gills Road:** Several tracks within the reserve with kauri will be closed until mitigation works have been considered
- **Three Streams Reserve:** All tracks will be closed temporarily while mitigation measures are completed. Internal roadways will remain open
- **Lady Phoenix Reserve:** The Kittiwake Drive track entrance will be closed until mitigation works have been considered
- **Paremomo Scenic Reserve:** Some tracks will be closed until mitigation works have been completed. Planning is underway for 0.74 km of track upgrades. One hygiene station will be installed.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area we are supporting:

- **Herald Island Restoration Group:** Received \$935 of weed control materials
- **North-West Wildlink Partnership Group:** Received \$15,000 from the new Community Coordination and Facilitation Grant to employ a facilitator, shared with Devonport-Takapuna, Upper Harbour, Henderson-Massey and Waitākere Ranges local boards
- **Greenhithe Community Trust:** Refer to Water Quality Projects (Community Coordination and Facilitation Grant) and footnote
- **Gecko NZ Trust:** Received \$15,000 from the Regional Environment and Natural Heritage Grant² towards their Mobile Rat Trap HQ. This also enabled an educator, shared with Waitākere Ranges Local Board.
- **Kaipātiki Project:** Awarded \$10,000 (same grant as above) to support coordination of the Hobsonville Point community native plant nursery

² The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

Natural Environment Projects (continued)



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



July 2019

Waiheke Local Board

Water Quality and Natural Environment

Targeted Rates

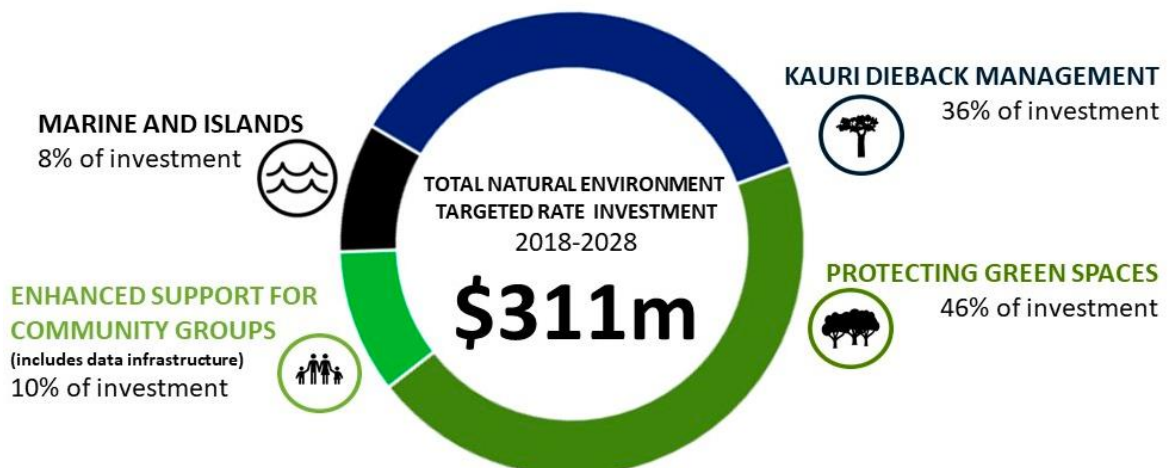


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

Oneroa Beach, Surfdale Beach, Palm Beach and Sandy Bay: Outlet and stream water quality screening investigations are underway at these beaches to help identify source(s) of faecal contaminants that may be affecting beach water quality.



Stream restoration projects

We're investing targeted rate funding to restore local waterways across the region, and to support the work of local communities.

In your local board area:

- **Fencing off wetlands on farms eastern side of the island:** A feasibility study has been approved to research and analyse the impact of horticulture (vineyards) on streams and implement an action plan based on the findings.
- **Kaitiaki and Friends of Te Aroha Valley and Hekerua Bay:** Received a \$3,000 grant, fully funded by the water quality targeted rate portion of the Community Coordination and Facilitation Grant¹. This grant supports employment of a community coordinator to support riparian planting and restoration projects in Te Aroha Valley stream.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your local board area:

- **Project Little Oneroa:** A targeted investigation is underway. Residents are being asked for maintenance records and onsite system information, along with inspecting about 200 properties with highest risk of discharge to the stream. Staff are also testing a new online inspection reporting system with independent service contractors before rolling out to region. The programme builds on local board funded initiatives to improve water quality in the catchment
- We are educating landowners on swimmability and septic tanks as a part of our onsite wastewater programme.



Western isthmus water quality improvement programme

Investing in infrastructure projects to reduce overflows into the Waitematā Harbour. Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19. This total includes \$120,000 additional funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

Natural Environment Projects

Protecting green spaces



We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant controls at the following local parks:

- Anzac Bay Reserve
- Church Bay Esplanade Reserve
- Hunterville Reserve
- Ōmiha Beach Reserve
- Owhanake Mātiatia Walkway
- Park Point Walkway
- Te Matuku Bay Esplanade Reserve
- Te Toki Reserve
- Waiheke Cemetery Reserve
- Awaawaroa Wetland Reserve
- Glen Brook Reserve
- Kuakarau Bay Forest
- Onetangi Sports Park (Rangihoua)
- Owhanake Reserve
- Squirells Reserve
- Te Matuku Stockyard Reserve
- Te Whau Esplanade Reserve
- Waiheke Island Reserve

We are also prioritising pest plant and animal controls in Whakanewha Regional Park.

Kauri dieback management



We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your area:

- **Kauri dieback passenger and bike cleaning station installations at ferry terminal piers:** To prevent the spread of pests and pathogens to Hauraki Gulf islands. Pier 2 installation trialled in 2018/2019 and to be rolled out to other piers
- **Fisher Road and Te Matuku to Awaroa Walkway:** Vulnerable tracks were temporarily closed to protect Waiheke kauri from the spread of dieback disease from the mainland
- **McKenzie Reserve:** A temporary partial closure has been implemented to protect healthy kauri at the centre of the park while mitigation works are being assessed.

Marine and islands



We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

In your area:

- **A new biosecurity inspector and dog team:** A team has been engaged to operate at vehicle departure points for Aotea/Great Barrier and Waiheke
- **Summer ambassadors:** The targeted rate-funded summer ambassadors were stationed at ferry departure points, providing advice to visitors and residents of the risks of them inadvertently transporting pest plants and animals, and pathogens such as kauri dieback disease. This initiative complemented the local board-funded ambassador programme
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways
- **Pest free Warrant Scheme:** This scheme is expanding so more commercial operators can show they meet biosecurity standards when visiting the islands
- **Hauraki Gulf Controlled Area Biosecurity Management Plan:** A review has commenced to update this plan in line with the Regional Pest Management Plan.

Natural Environment Projects (continued)



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **Compost Collective:** Received \$200 for workshop materials and pest control vouchers for workshop attendees
- **Hapua Thrive Restoration Group:** Received \$150 for native plants
- **Waiheke Weed Amnesty:** Received green waste disposal support (valued at \$4,000) for the annual Waiheke Weed Amnesty
- **From the Regional Environment and Natural Heritage Grant²**
 - **Motuihe Trust:** Received \$5,500 for nursery supplies, planting and weeding endeavours
 - **Te Matuku Bay Landcare Group:** Received \$15,000 for weed control in Te Matuku Scenic Reserve
 - **Waiheke Conservation Collective:** Awarded \$30,000 towards project costs for Waiheke mustelid control 2019-2020
 - **Waiheke Go Moth Plant Group:** Awarded funding (\$13,000 over three years) for Te Putiki o Kahu/Rangihoua Hill Ecological Restoration Project
 - **The Waiheke Collective:** Received \$15,000 towards the employment of a collective coordinator
 - **Ōmiha Welfare and Recreation Society Incorporated:** Received \$4,000 for materials under the Rocky Bay Ratbusters project
 - **Conservation Volunteers New Zealand:** Received \$13,000 towards the ecological enhancement of the Awaawaroa Wetland Reserve to complement local board investment.
- **The following grants were awarded from the new Community Coordinator and Facilitation Grant³ and fully funded by the natural environment targeted rate:**
 - **Royal Forest and Bird Protection Society Hauraki Islands Branch:** Awarded \$10,000 towards the employment of a project coordinator
 - **Motutapu Restoration Trust:** Received \$15,000 towards the employment of a volunteer coordinator.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



² The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

³ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, including \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways.

July 2019

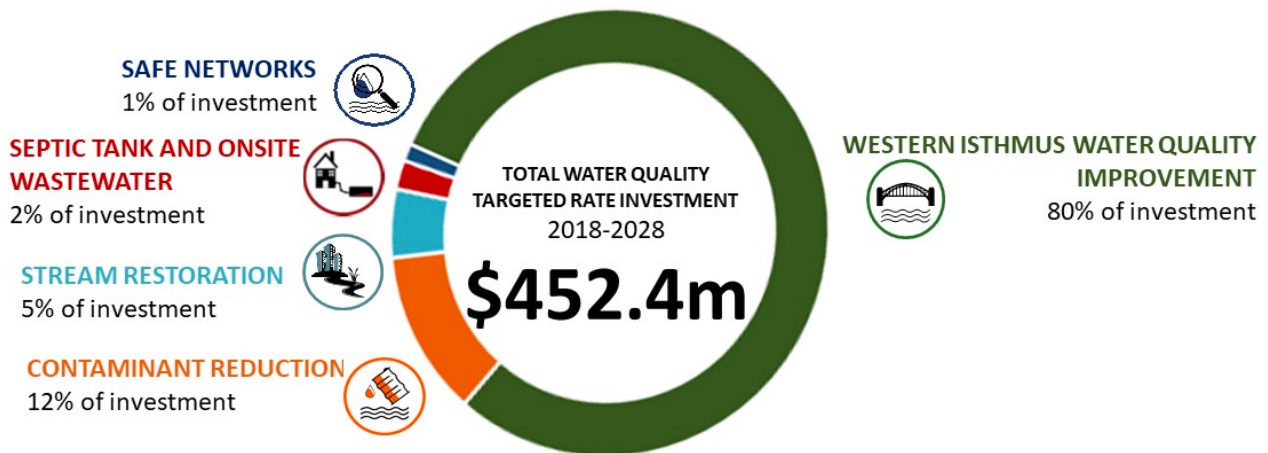
Waitākere Ranges Local Board



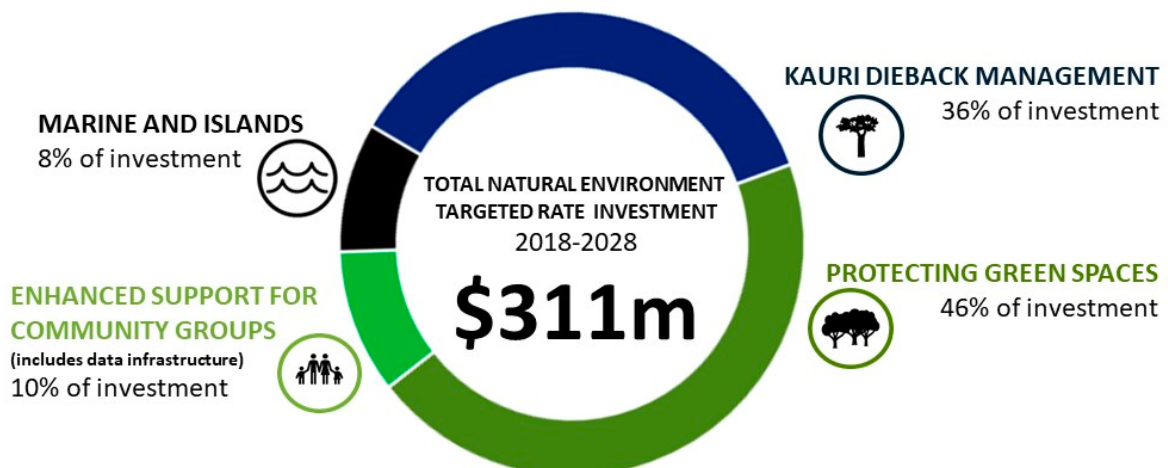
Water Quality and Natural Environment Targeted Rates

Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal control at the following local parks:

- Awhiorangi Reserve
- Crows Park
- Laingholm Drive Esplanade
- Little Muddy Creek
- Taumatere Esplanade
- Bishop Park
- Kay Road Bale Fill
- Te Henga Park
- Waikumete Cemetery

We are also prioritising pest plant control at the following locations:

- Laingholm Scenic Drive
- Swanson Scenic Reserve

Waitākere Ranges: Over the past 12 months \$1.052 million was allocated; \$515,000 for increased possum control and monitoring and \$477,165 for increased pest plant control.



Kauri dieback management

We're investing to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

In your local board area:

Tracks in these parks will be temporarily closed to allow mitigation works to be completed:

- Seibel Scenic Reserve
- Paturoa Way
- Bill Haresnape Walk
- Titirangi War Memorial
- Tinopai Reserve
- Arama Reserve
- Opou Reserve
- Rahui Kahika Reserve
- Mahoe Walk
- Okewa Reserve
- Wood Bay Reserve
- Henderson Valley Scenic

The following track upgrades and hygiene station installations at the following locations:

- **Kitekite Falls:** 2km of track upgrades completed; 4 hygiene stations to be installed
- **Comans Track:** 1.4km of track upgrades completed; 1 hygiene station to be installed
- **Slip Track:** 1km of track upgrades completed; 1 hygiene station to be installed
- **Zig Zag Track:** 1.2km of track upgrades completed; 2 hygiene stations to be installed
- **Lower Arataki Nature Trail:** 1.6km of track upgrades completed; 1 hygiene station to be installed

In addition:

- 7000 kauri have been treated with phosphite in the treatment plot at Piha
- An expanded ambassador programme saw 30 ambassadors working across the region to educate park visitors on kauri dieback.

Natural Environment Projects



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

Local initiatives we are supporting in the board area include:

- **North-West Wildlink Partnership Group:** Received \$15,000 from the Community¹ Coordination and Facilitation Grant towards employing a group facilitator/partnership broker who will also work in Devonport-Takapuna, Upper Harbour, Henderson-Massey and Waitākere Ranges local board areas
- **Arataki Visitor Centre:** Received \$918 worth of traps and bait stations to help open a pest free shop
- **Karekare Landcare group:** Supplied with traps, lures and monitoring equipment valued at \$5,289
- **Operation Possum Blitz:** Received traps (valued at \$3,360) to sell to the community at a discount to generate income for their operational budget
- **The Waimea to Laingholm Group:** Received \$720 of traps for use by residents
- **Birdsong Opanuku Trust:** Received pest control and monitoring equipment valued at \$4,427 to help with their community pest control programme
- **Community Waitākere:**
 - Received \$30,250 to support pekapeka awareness and conservation, also happening in the Henderson-Massey Local Board area
 - **Wild About Te Atatū project:** Received a CCF Grant to support conservation outcomes and riparian planting and restoration, with work happening in the Whau, Waitākere and Henderson-Massey local board areas. For this project the funding was split \$15,500 (water quality) and \$7500 (natural environment) for a total of \$23,000
- **Royal Forest and Bird Protection Society:**
 - Awarded \$15,000 from the CCF Grant towards employing an Ark Buffer Zone Coordinator. In addition, \$15,000 was awarded for a Pest Free Waitākere Programmes Manager, and a Volunteer Coordinator
 - Received \$5,500 from the Regional Environment and Natural Heritage Grant² (RENH Grant) towards helping to improve outcomes for a wetland health indicator species
- **Gecko NZ Trust:** Received funding \$15,000 from the RENH Grant for the Mobile Rat Trap HQ, and an educator shared in the Upper Harbour Local Board area
- **Megan Fitter** Received \$17,500 from Regional Environment and Natural Heritage Grant grants towards rehabilitating Little Muddy Creeks Estuary
- **Protect Piha Heritage Society:** was awarded \$10,000 from RENH grants towards employing an Operational Manager to oversee their pest control action plan



Islands and marine

We're taking action to control and reduce the spread of marine pests to protect native species, eco-systems and commercial aquaculture.

Impacting in your area:

- **Manukau Harbour:** A targeted pest species survey has been completed to better understand the current ecology of the harbour
- **Inter-Regional Marine Pest Pathway Management consultation:** Consultation has begun on new rules and a plan to work with other agencies and neighbouring councils to manage marine pests in our harbours.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. For this project funding was split \$15,500 (water quality) and \$7,500 (natural environment) for a total of \$23,000.

² The Regional Environment and Natural Heritage Grant is existing but has been 'topped up' with \$200,000 natural environment targeted rate funding to increase support for priority projects.

Water Quality Projects



Safe Networks investigations

We're investing targeted rates funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your area we are undertaking the following:

- **Wood Bay, Titirangi Beach and Laingholm Beach:** Public and private drainage investigations are being planned for in these catchments
- **Armour Bay:** Stream sampling has been completed to help determine the sources of faecal contaminants that may be affecting beach water quality.



Septic tank and onsite wastewater

We are introducing a regional inspection and maintenance regime for properties with onsite wastewater systems.

In your area:

- We are educating land owners on swimability and septic tanks as a part of our onsite wastewater programme.
- Council consulted whether to retain or remove the legacy Waitākere City Council septic tank pump-out service in February 2019 and will consult on future changes through the Annual Plan 2020/2021 so that this service complements the new compliance programme to deliver better water quality
- More than 130 properties in Piha South Lagoon were inspected and property owners were asked for maintenance records, to help to determine the potential impact of onsite wastewater systems on water quality at the lagoon. The results of the inspections are due to be completed in late 2019.
- Next steps will be to conduct targeted investigations at Te Henga and Huia, beginning in August 2019. Residents are being asked for maintenance records, along with inspecting about 400 properties with highest risk of discharge to waterways. Staff are also testing a new online inspection system with independent service contractors before rolling out regionally.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your local area:

Community Waitākere: Refer to Water Quality Projects above (CCF Grant funding).



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

Lincoln, Swanson and Waiurutoa Catchments: Initial scoping has been approved to investigate how to improve water quality at stormwater passages at inlets and outlets where restricted flows occur, which may cause blockages during flood events.

Water Quality Projects (continued)



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aklc.govt.nz



July 2019

Waitematā Local Board

Water Quality and Natural Environment

Targeted Rates

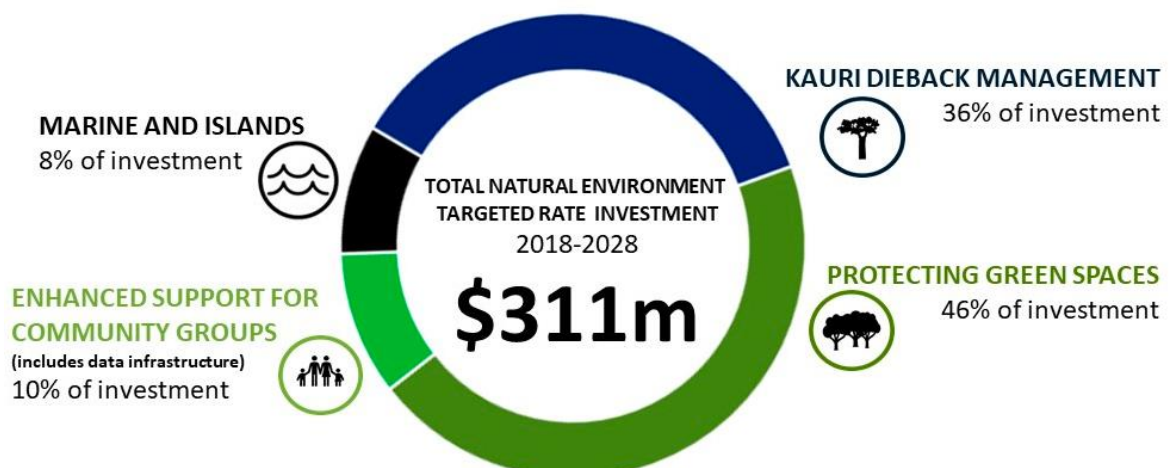


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

In your area:

- **Picton Street Stormwater Network Extension:** A supplier has been awarded the construction contract for a stormwater network extension project at a cost of \$15.6 million. Construction is scheduled to commence July 2019 and is expected to be completed by December 2020.
- **Daldy Street outfall upgrade:** This project to upgrade the outfall will improve water quality in the Viaduct Harbour and Wynyard Wharf areas, at a cost of \$34 million. The construction contract was awarded 1 May 2019, with a commencement date of mid-July 2019. The project is expected to be completed by December 2020.
- **St Marys Bay / Masefield Beach upgrade:** This is a joint project with Watercare to reduce overflows at these two beaches into Waitematā Harbour, from over 200 to approximately 20 times a year. The council is currently seeking approval from the Environment Court for resource consent for this project. A contractor has been appointed, and work is scheduled for mid-2019 to late-2020.
- **St Marys Bay Separation:** This is a Watercare-led project to separate the St Marys Bay catchment by installing new wastewater networks and separating the private drainage of between 370 and 460 dwellings. There are six construction zones and construction works within zone one are due to commence in November 2019. The total cost for separation is \$29.9 million including \$4.9 million for stormwater treatment.



Stream restoration projects

We're investing to improve the ecology local waterways across the region, and to support the work of local communities.

In your area:

- **Restoration of Newmarket Stream:** Initial scoping is underway to extend restoration efforts into Newmarket Park to complement local board-funded work that community and landowners are undertaking upstream.



Safe Networks investigations

We're investing targeted rate funding to investigating issues with our water networks and identifying solutions to make popular Safeswim sites safe for swimming.

Outlet and stream water quality screening investigations are underway at 28 Safeswim sites across the Auckland region to help identify the source(s) of faecal contaminants that may be affecting beach water quality.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area:

We are prioritising pest plant and animal control in Western Springs Lakeside.



Kauri dieback management

Investing \$102 million to reduce the risk of spread of plant pathogens threatening native species, in particular kauri dieback.

Most of this investment is for track upgrades in regional and local parks, to decrease the risk of kauri dieback disease spreading and so closed tracks to be re-opened.



Marine and islands

We're taking action to manage and reduce the spread of marine pests and pest plants and animals on land to protect native species.

Activities relevant to your area:

- **Kauri dieback passenger cleaning station:** A passenger cleaning station has been set up at Pier 2 to prevent the spread of pests and pathogens to the islands
- **Pest detection dogs:** Dogs trained to detect plague skinks, stoats, ferrets and rodents are being stationed at vehicle departure points for Waiheke
- **Summer ambassadors:** Ambassadors worked at ferry departure points over summer 2018/2019 to provide public education to help reduce the spread of pests and pathogens to the islands
- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways
- **Hauraki Gulf Controlled Area Biosecurity Management Plan:** A review is underway to update this plan in line with the Regional Pest Management Plan.



Enhanced support for community groups

We're investing \$37.5 million into significantly increased support for community groups to protect their local ecosystems.

In your area:

- **Pest Free Inner West (now known as Urban Arc):** Received \$30,000 from the new Community Coordination and Facilitation Grant¹ to employ a project coordinator.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz



¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate initiative which distributed \$740,000 to groups in 2018/2019. This figure includes \$120,000 additional funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. This grant was fully funded by the natural environment targeted rate.

July 2019

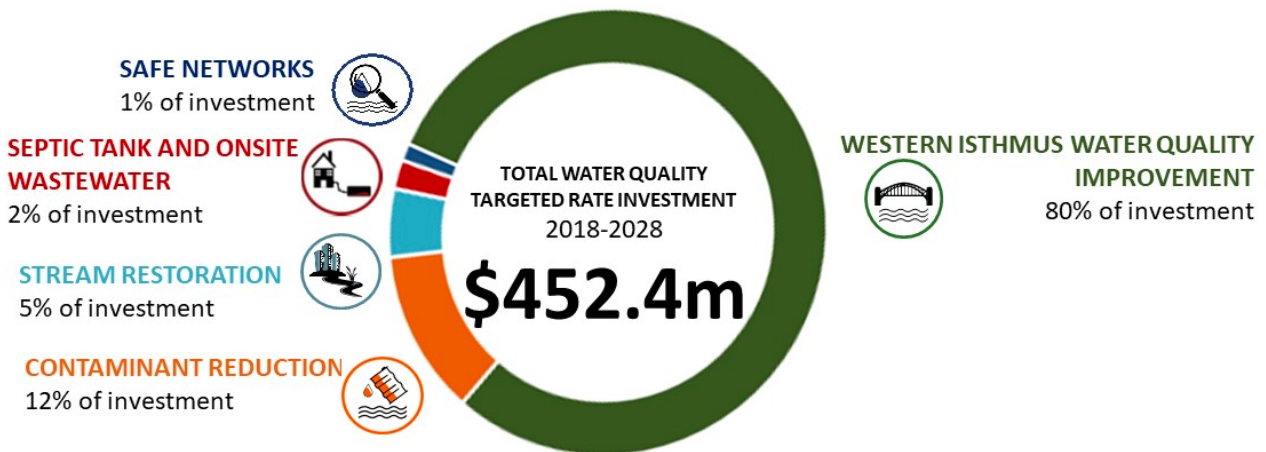
Whau Local Board

Water Quality and Natural Environment Targeted Rates

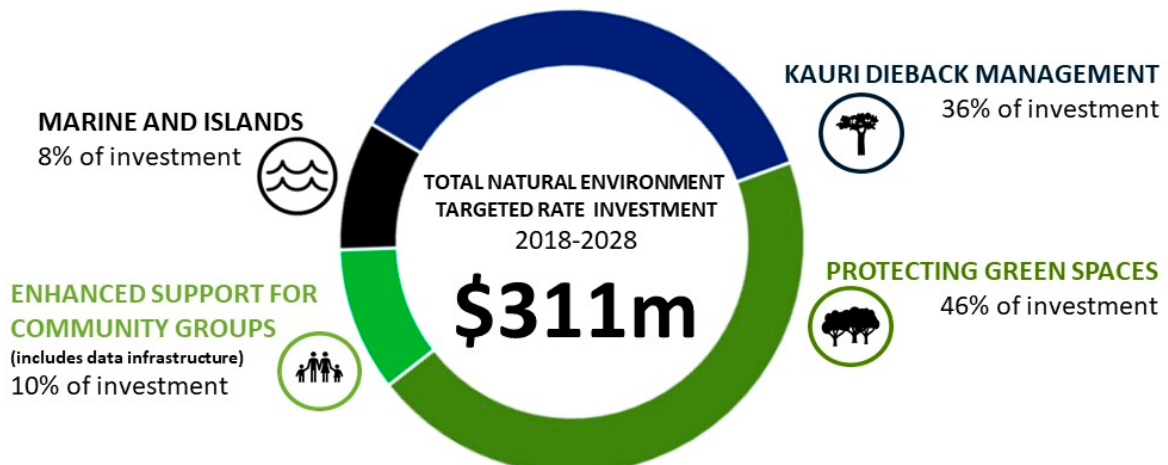


Protecting our natural environment and waterways is a priority for Aucklanders. Auckland Council's 10-year budget (2018-2028) ring-fences \$311 million through a natural environment targeted rate for projects that tackle pests, weeds and diseases threatening our native species and ecosystems. Another \$452 million raised through a water quality targeted rate will ensure we have cleaner beaches, streams and harbours. This document is a 'snapshot' of work delivered in the first year of the targeted rates, forming a firm foundation for years ahead.

Water Quality Targeted Rate 10-year investment breakdown



Natural Environment Targeted Rate 10-year investment breakdown



Water Quality Projects



Safe Networks investigations

We're investing targeted rate funding to investigate issues with our water networks and identify solutions to make popular Safeswim sites safe for swimming.

In your area:

- **Blockhouse Bay Beach:** Outlet and stream sampling will help to determine the source(s) of faecal contaminants that may be affecting beach water quality and to identify their sources through the detailed property inspections.



Stream restoration projects

We're investing to restore local waterways across the region, and to support the work of local communities.

In your area:

- **Whau and Massey Catchments:** Initial scoping is underway to improve stormwater conveyance at inlets and outlets, to reduce flow velocity and reduce erosion
- **Rewarewa Stream:** The water quality targeted rate is funding feasibility and mapping of existing vegetation and costings for daylighting work, including possible community planting days
- **Waitahurangi Stream:** Initial scoping is underway for daylighting and stream clean-up projects, from the Clark St end toward Sister Rene Shadbolt Park
- **Community Waitākere - Wild About Te Atatū project:** Received funding from the new Community Coordination and Facilitation Grant (CCF Grant)¹ to support conservation outcomes and riparian planting and restoration, with work happening in the Whau, Waitākere and Henderson-Massey local board areas.



Contaminant reduction projects

Investing to reduce the amount of urban pollutants and sediment entering our waterways.

In your area:

- **New Lynn Commercial and Industrial Estate Water Quality Improvement:** An initial study is underway to look into incorporating water quality treatment into the existing stormwater network at the commercial and industrial area in New Lynn, with a view to reducing contaminant loads entering the Waitematā Harbour.



Western isthmus water quality improvement programme

Investing \$361 million in infrastructure projects over 10 years to reduce overflows into the Waitematā Harbour.

Watercare is also investing in infrastructure to improve water quality, including:

- \$1.2 billion into the Central Interceptor programme
- \$412 million into the Western Isthmus water quality improvement programme.

¹ The Community Coordination and Facilitation Grant is a natural environment targeted rate-administered initiative which distributed \$740,000 to groups in 2018/19, which included \$620,000 from the natural environment targeted rate and \$120,000 funding from the water quality targeted rate for landowners and groups helping to protect and restore urban and rural waterways. For this project funding was split \$15,500 (water quality) and \$7,500 (natural environment) for a total of \$23,000.

Natural Environment Projects



Protecting green spaces

We're increasing pest plant and pest animal control in and around public parks. This work programme may expand in the future.

In your area we are prioritising pest plant and animal controls at the following local parks:

- Craigavon Park – Pest plants
- Gittos Domain – Pest plants and animals
- Taunton Terrace – Pest plants and animals.



Marine and islands

We're taking action to manage and reduce the spread of marine pests to protect native species, ecosystems and commercial aquaculture.

Impacting in your area:

- **Marine Pest Pathway Management consultation:** Consultation has been completed across the four northern-most regions seeking feedback on potential consistent rules to manage marine pest pathways.



Enhanced support for community groups

We're investing to significantly increase support for community groups to protect their local ecosystems.

In your area:

- **Whau River Catchment Trust:** Received \$18,000 from the new Community Coordination and Facilitation Grant for coordination costs and operational planning of the expanded work programme, (fully funded by natural environment targeted rate)
- **Community Waitākere - Wild about Te Atatū project:** Refer to Water Quality Projects CCF Grant above
- **EcoMatters Environment Trust:** Received \$14,500 (CCF Grant) towards networking and facilitation support which enabled strategic planning, administrative costs, mana whenua engagement and health and safety
- **Pest Free Inner West:** Received \$30,000 (CCF Grant) towards the employment costs of a project coordinator.

Find out more:

For queries about the water quality targeted rate:

HWcustomerandcommunity@aucklandcouncil.govt.nz

For queries about the natural environment targeted rate:

Pestfree@aucklandcouncil.govt.nz