

# The Henderson-Massey Open Space Network Plan 2015-2025



# OPEN SPACE NETWORK PLAN STRUCTURE

## SECTION 1 - HENDERSON-MASSEY'S PARKS AND OPEN SPACES

Section 1 summarises the strengths, issues and opportunities of the existing network of parks and open spaces, including community perceptions of their parks and future influences on the open space network such as population growth. Four areas of focus are used to assess the park network. These areas of focus are from the Parks and Open Space Strategic Action Plan, providing a framework. Using this framework will ensure integration with other open space policy, such as funding assessments.

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Henderson-Massey Local Board Neighbourhood Parks Research Report (Captivate Limited, 2014)

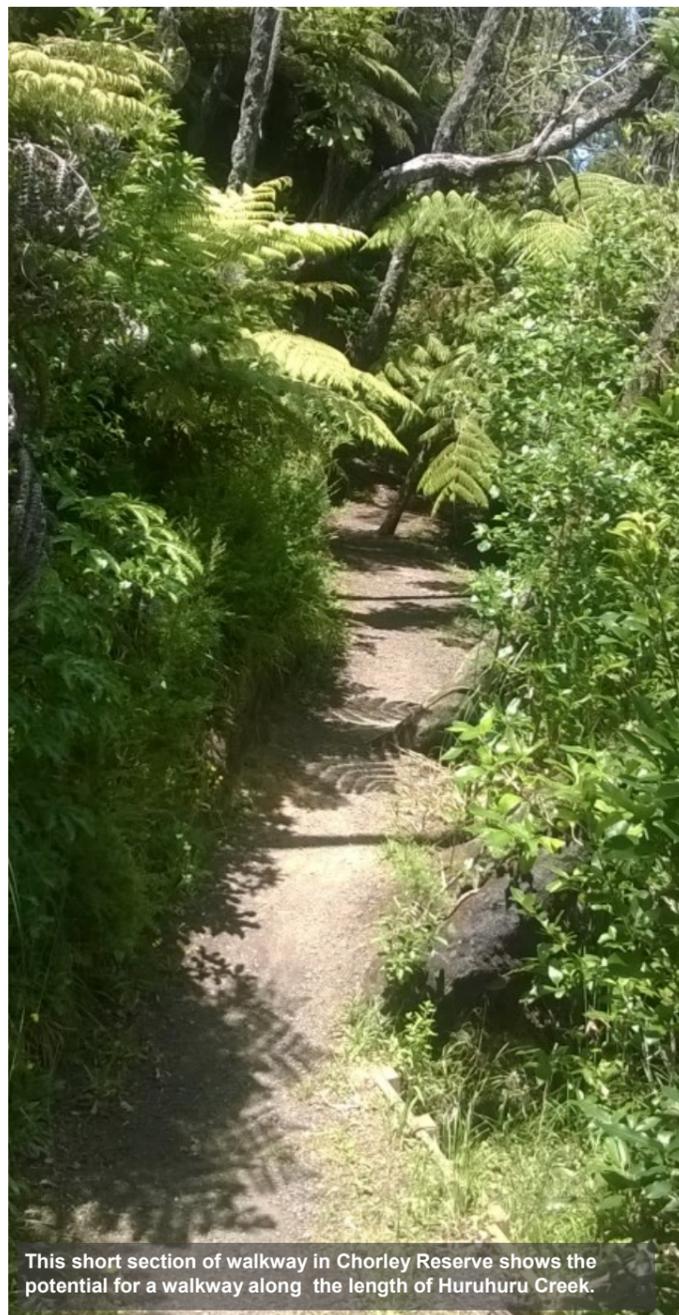


Marinich Reserve, Ranui

# EXECUTIVE SUMMARY

Henderson-Massey has an extensive network of parks and open spaces that make a major contribution towards people's quality of life. These open spaces range from esplanade reserves along the waterways and coastline, large parks with sporting facilities, ecological areas, neighbourhood parks and civic spaces. The open space network gives people places to meet, to socialise and to get involved in their communities. They enable residents and visitors to enjoy active lifestyles, provide places to play and to relax.

This open space network plan identifies and prioritises projects to develop and improve Henderson-Massey's parks and open spaces over the next ten years.



This short section of walkway in Chorley Reserve shows the potential for a walkway along the length of Huruheru Creek.

Some of the key issues and opportunities for parks and open spaces that have been identified through developing this network plan include:

- The population of the Henderson-Massey Local Board area is projected to increase by 53,000 people over the next 30 years
- Intensification is planned around neighbourhood centres and transport routes, requiring existing parks to cater for more use and activities
- Significant new urban growth at Westgate and Redhills is planned, requiring new park networks to provide for the recreational and environmental needs of these areas
- Making the most of the network of parks along the waterways and coastline by establishing new trails and connections
- Improving the diversity of play opportunities provided within parks
- Developing existing large parks to provide for more use and a diversity of activities.
- Improving environmental quality and biodiversity values of the parks located along waterways and coast.

In response to these issues and opportunities, five key open space outcomes have been identified along with high priority projects. These are summarised in the table on the right.

## SOURCES OF INFORMATION

Sources of information that have assisted in the network planning process include:

- Auckland Council's Geospatial Information System (GIS) for natural and cultural features and values, parks assets, proposed Unitary Plan zones
- Analysis of population growth and open space provision
- The Henderson-Massey Neighbourhood Parks User Research Report
- Expertise from Parks, Sport and Recreation staff and other council specialists
- Various existing policy and planning documents ranging from Auckland-wide, West Auckland, Legacy Waitakere City Council, Henderson-Massey, structure planning, town centre planning, management plans and concept plans for individual or groups of parks
- Desktop studies, site visits and park audits.

## ACKNOWLEDGEMENTS

The content and analysis in this network plan is the result of input and collaboration across Auckland Council's policy and planning teams, the Local and Sports Parks West team, the Henderson-Massey Local Board and the participants in the Henderson-Massey neighbourhood parks user survey.

PRIORITY OPEN SPACE ACTIONS FOR THE HENDERSON-MASSEY LOCAL BOARD AREA		
KEY OPEN SPACE OUTCOMES		HIGH PRIORITY ACTIONS
<b>GROWTH</b>	Provide for our growing population by developing the open space network in areas of residential intensification, greenfield developments and urban renewal projects	<ul style="list-style-type: none"> <li>• Ensure people living in higher density housing areas have local park networks that are usable, safe and offer a range of range of experiences by:               <ul style="list-style-type: none"> <li>- Developing Te Atatu South's park network</li> <li>- Open space initiatives from the Henderson Implementation Plan for Henderson Town Centre</li> <li>- Developing Daytona Reserve, Daytona Strand and Glen Norman Reserve in Lincoln</li> </ul> </li> <li>• Acquire and develop new parks in Henderson and in Glendene</li> <li>• Acquire and develop park networks to service greenfield development areas</li> </ul>
<b>PEOPLE'S CHOICE PARKS</b>	Create vibrant and multifunctional large parks by designing and implementing concept plans that create places where families, groups and communities can all enjoy doing a variety of activities in the same park	<ul style="list-style-type: none"> <li>• Develop the following parks to provide a greater range of activities and experiences:               <ul style="list-style-type: none"> <li>- Royal Reserve</li> <li>- Henderson Park</li> <li>- Cranwell Park</li> <li>- Ranui Domain</li> <li>- Te Rangi Hiroa/Birdwood</li> <li>- Paremuka Lakeside</li> </ul> </li> </ul>
<b>TRAILS</b>	Continue to create and promote a connected trail and greenways network by maximising the potential for an outstanding network of connected recreational trails provided by the parks and esplanades located along the coastline and waterways	<ul style="list-style-type: none"> <li>• Promote the Manutewhau Walkway</li> <li>• Complete the Te Atatu Peninsula Coastal Walkway</li> <li>• Develop and implement concept plans for the Whau River Walkway, including a connection with Harbourview-Orangihina</li> <li>• Develop and implement concept plans for a walkway along Daytona Strand and Penfold Park</li> <li>• Implement Te Rangi Hiroa/Birdwood walkways, including connections with surrounding residential areas</li> <li>• Advocate for the rail corridor cycleway, Northwest Cycleway and Project Twin Streams linkages (Henderson Town Centre and Henderson Valley) to be implemented</li> </ul>
<b>PLAY</b>	Make places for everyone to play by providing a diversity of play opportunities across the local board area	<ul style="list-style-type: none"> <li>• Provide a variety of play opportunities for all ages of children and young people in parks near to where they live through:</li> <li>• Creating a play destination at Te Rangi Hiroa/Birdwood, particularly providing for young people</li> <li>• Designing and implementing new play opportunities at Lloyd Morgan Lions Club Park, Vodanovich Reserve, Divich Reserve, Lavelle Reserve, Henderson Park, Daytona Reserve, Massey Leisure Centre, Royal Reserve and new local parks when acquired</li> <li>• Increasing the number and variety of play activities at Riverpark Reserve, Ranui Domain</li> <li>• Improve playground seating and picnic facilities at Taipari Strand, McLeod Park, Kaikoura Reserve, Henderson Valley Park, Featherstone Park, Pooks Reserve, Keegan Park, Sarajevo Reserve, Tatyna Park, Spargo Reserve and Taitapu Park</li> </ul>
<b>COAST AND WATERWAYS</b>	Enhance our coastline and waterways by treasuring, restoring and maintaining the ecological values of the area	<ul style="list-style-type: none"> <li>• Plan and implement ecological restoration on parks along:               <ul style="list-style-type: none"> <li>- Te Atatu Peninsula's eastern coastal edge</li> <li>- Henderson Creek upstream of the Northwest Motorway</li> <li>- Opanuku Stream</li> <li>- Swanson Stream upstream of Don Buck Road</li> <li>- Henderson Creek north of the Northwest Motorway</li> <li>- Manutewhau Stream</li> </ul> </li> </ul>

# SECTION 1

## HENDERSON-MASSEYS' PARKS AND OPEN SPACES

### PURPOSE OF THE HENDERSON-MASSEY OPEN SPACE NETWORK PLAN

This open space network plan is a strategic plan that identifies and prioritises actions to improve local parks and open spaces in response to local diversity and preferences.

This plan assists local board members in identifying projects for consideration in the development of local board plans and project funding bids through the Long Term Plan process and other funding processes. It also enables the local board to advocate its priorities to others who are responsible for implementing projects in the Henderson-Massey area.

Henderson-Massey is anticipating significant future growth. 108,000 people currently live in Henderson-Massey and the population is projected to increase by an additional 53,000 residents over the next 30 years. In existing urban areas and in rural areas, our park network needs to prepare for this growth by improving the parks we have and by identifying where more parks will need to be acquired.

The types of parks and open spaces the plan focuses on are Auckland Council's local parks and civic spaces; the recreation and connection aspects of the road and rail network; and the streams and coastline.



The suburb of Glendene on the tidal reaches of the Whau River, with Avondale Peninsula, Auckland CBD and the Hauraki Gulf beyond.



Lake Panorama is an example of stormwater pond surrounded by attractive planted areas with walking paths and seating. This provides an attractive green space for local residents to enjoy.

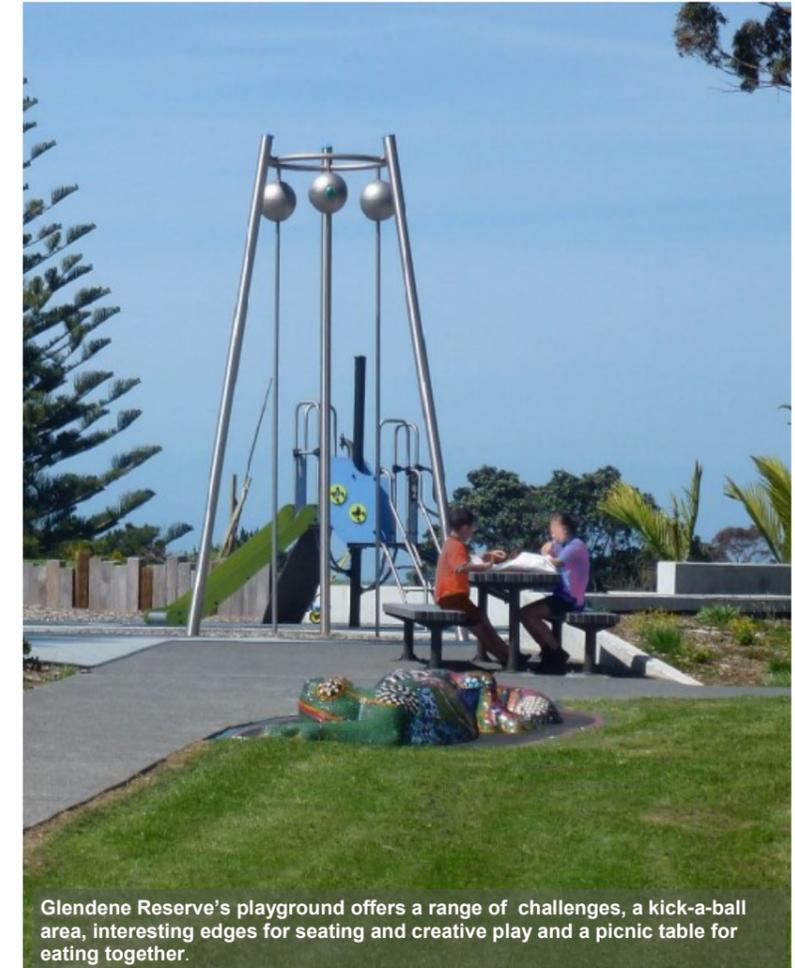
### HENDERSON-MASSEYS' PARKS AND OPEN SPACES

Henderson-Massey has an extensive and diverse range of parks and open spaces which have a big influence on the way Henderson looks and feels, and that are highly valued and used by the community.

Henderson-Massey covers an area of 53km<sup>2</sup>. It consists of mainly urban areas, located between the foothills of the Waitakere Ranges and the Waitemata Harbour. Waterways such as the Oratia, Opanuku and Manutewhau streams flow through the area from the Waitakere Ranges to the sea with tidal estuaries giving a rich natural character to the coastal edge.

With a network of 220 parks covering 350 ha (7% of the local board area), there are parks providing various activities and experiences, including places to play, and participate in sport and exercise. Other parks conserve the natural and heritage values of the area, and provide quiet spaces to relax and to socialise.

Many of the areas' open spaces play a role in contributing to a healthier environment and mitigate the impact of urban development on natural systems.



Glendene Reserve's playground offers a range of challenges, a kick-a-ball area, interesting edges for seating and creative play and a picnic table for eating together.

### IMPLEMENTATION

The different types of actions in the plan including operational activities, developing new assets, acquiring new parks, planning asset renewals, working with community groups, seeking technical reports from specialists and promoting the heritage and recreational opportunities.

Some of the projects to be actioned are ready to implement. Other actions require feasibility assessments and further planning before moving them into an implementation phase.

Progress updates on the implementation of the network plan will be coordinated by Local & Sports Parks and submitted to the Henderson-Massey Local Board on an annual basis.



The foot bridge across the Manutewhau Stream provides a connection between communities, increases access to Moire Park and allows residents to enjoy walking trails and local natural environments.

# HENDERSON-MASSEYS' PARKS AND OPEN SPACE NETWORK - ISSUES AND OPPORTUNITIES

## TREASURE

Protecting and conserving our environment, heritage and landscape, and improving education opportunities

### BETWEEN HARBOUR AND HILLS

Henderson-Massey lies within a wider landscape context, with the Waitakere Ranges as a dominant backdrop to the west and the Waitemata Harbour as an extensive waterbody to the east with views to the cityscape beyond.

Henderson-Massey is one of the key sedimentation points of the Waitemata Harbour. Extensive stream networks flow through the area from the Waitakere Ranges to the Waitemata Harbour. The health of the streams, intertidal estuaries and mudflats along Henderson-Massey's coastline impact on the wider ecological health and biodiversity of the Waitemata Harbour and Hauraki Gulf. The environmental quality of freshwater in Henderson-Massey is poor (State of the Environment Report 2013). Erosion, encroachment, and lack of control of plant and animal pests are issues affecting the quality of the coastal environment.

### RICH CULTURAL HERITAGE

Cultural heritage sites and features are physical reminders that connect the past with the present. They help form individual and collective identities, and contribute to our sense of place.

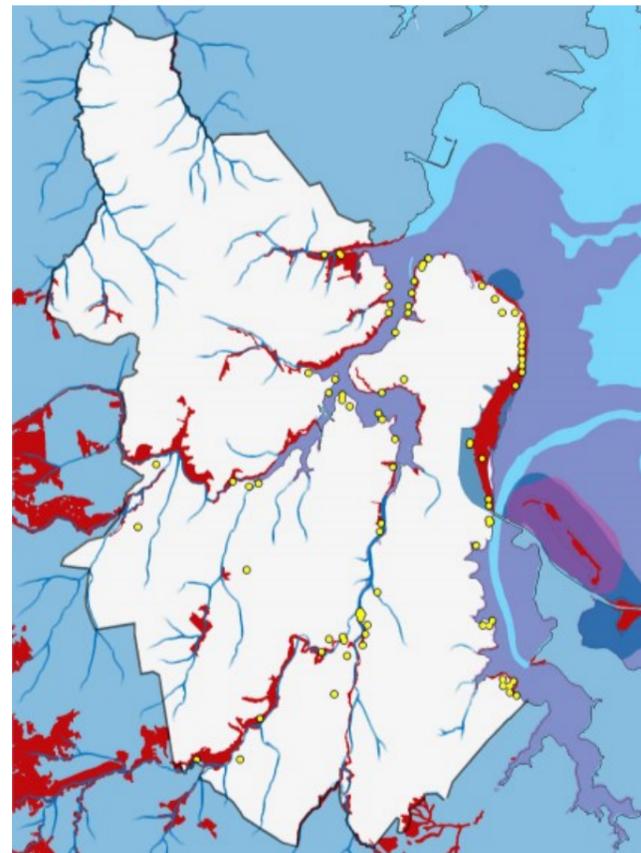
In Henderson-Massey, historic Maori and European settlements were mainly around the harbour and along the rivers as these provided resources and enabled transport and trade. The majority of identified cultural heritage inventory sites and sites of value to mana whenua tend to be located in clusters along the coast and tidal rivers. The majority of known cultural heritage sites are located within public open space.

### SIGNIFICANT COASTLINE AND WATERWAYS

The coastline and waterways are defining natural features of the Henderson-Massey area. Remnant and restored areas of native vegetation are mainly located on steep and flood prone land along the waterways, or adjacent to estuarine and coastal margins, forming green corridors. These corridors are an important to the North-West Wildlink project which provides wildlife links from the Hauraki Gulf islands to the Waitakere Ranges.

### A COMMUNITY THAT CARES ABOUT ITS ENVIRONMENT

Henderson-Massey has a number of community groups and schools that make important contributions to ecological restoration. These initiatives increase community care and stewardship for the local environment. They provide opportunities for promoting and educating the community about Henderson-Massey's unique natural features, conservation and the wildlife.



Restoration projects such as Project Twin Streams contribute to the improved environmental quality of the local area, the wider natural systems and regional initiatives such as the North West Wildlink.

## ENJOY

Ensuring our parks and open spaces can meet the needs of our growing population

### DISTRIBUTION OF NEIGHBOURHOOD PARKS AND SUBURB PARKS

Neighbourhood parks are parks located within walking distance of people's homes. Typically they include a flat, usable area for informal games and may also provide a basic playground, park furniture and planting.

There is generally very good access to neighbourhood parks in Henderson-Massey with a fairly even park distribution across urban areas. The Henderson-Massey parks research carried out over the summer of 2013/14 found that 90% of respondents considered they had a neighbourhood park within a short walk of their home.

Suburb parks are larger and can offer a wider range of informal recreation activities and experiences than neighbourhood parks. People tend to be more willing to travel further to use a suburb park, particularly one that is able to offer a wider range of experiences than their local neighbourhood park.

While suburb parks are also evenly spread across the Henderson-Massey area, most of these suburb parks have a limited number of uses, mainly providing for either organised sports or conservation.

### NEIGHBOURHOOD PARKS RESEARCH

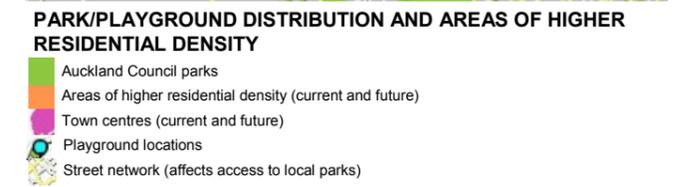
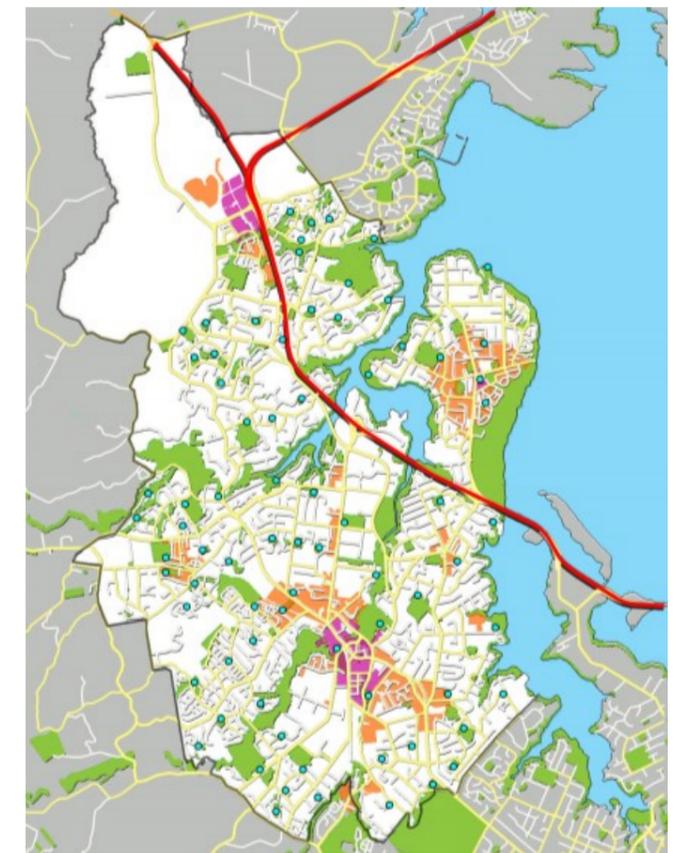
The neighbourhood parks research found that 81% of respondents considered local neighbourhood parks to be valuable or very valuable to their community, especially for adding a sense of community and bringing the community together in one place. 82% of respondents were satisfied or very satisfied with their local neighbourhood park.

80% of respondents considered neighbourhood parks played a role in their overall recreation mix.

44% of respondents said the main reason they visited their local neighbourhood park was for active pursuits (e.g. running, walking, exercise, cycling).

Using playgrounds was the main reason for visiting a park for 29% of respondents. While playgrounds are well distributed across Henderson-Massey, these respondents were generally less satisfied with their local neighbourhood park. The main suggestions for playground improvements were to:

- Add more activities to playgrounds which cater to all ages, particularly for under 5 year olds and over 10 year olds
- Improve shade and seating
- Increase the playground maintenance.



### WELL-USED AND SAFE PARKS

Respondents in the parks research who had a neutral or low satisfaction level with their local neighbourhood park commented that they considered their park was under-utilised, felt unsafe and lacked amenities.

Parks that are attractive, activated and well-used by a variety of people feel safer and deter anti-social behaviour. This can be achieved through layout and design elements such as open park edges on street frontage, welcoming entrances, good sightlines and catering for a range of recreation needs.

There are a number of parks in Henderson-Massey which have minimal or no street frontage, particularly in cul-de-sac type developments, along the waterways and the coastline. In some cases, street frontages and sightlines can be improved through vegetation management or expanding the park.

Henderson-Massey has a number of successful community projects in parks such as restoration initiatives and community gardens which improve community activation of parks. Community events held in parks also activate under-utilised parks and increase return visits.

# CONNECT

Creating a green network across Auckland by linking our parks, open spaces and streets

## LINEAR OPEN SPACES ALONG THE COAST AND WATERWAYS

A key strength of Henderson-Massey's park network is the connected reserves on the coastline, estuaries and the green corridors extending along the streams. This type of network has high potential for allowing movement for both wildlife and people. The Project Twin Streams cycle/walkway, Te Atatu Peninsula Coastline and the Manutewhau Stream are excellent examples of recreational trails and ecological restoration the area.

## TRANSPORT CONNECTIONS

Henderson-Massey is bisected by the major transport networks of the Western Railway and the Northwest Motorway. These will continue to influence growth and development patterns in the area.

The rail and motorway corridors can act as significant barriers to the movement of wildlife and people. However, there are some examples of excellent motorway and railway crossings/under-passes in Henderson-Massey, such as the motorway crossings in Massey and Project Twin Streams cycle/walkway under-passes of the rail line.

The rail and motorway corridors can also provide opportunities to make connections for commuter cycle travel. The Northwest Cycleway is an example of a popular commuter cycle route.

## SUBURBAN LAYOUT

Henderson-Massey has a well-connected network of suburban streets. These are dominated by mid-20th century street layouts of large block structures with internal cul-de-sacs. Suburbs are connected by main arterials.

The cul-de-sac street pattern can lead to neighbourhoods that do not provide efficient, direct walking routes. Where there are walkways between the cul-de-sacs, these are often narrow and bordered by high fencing. Narrow entrances into parks makes them feel less safe, decreasing their usability. There are a number of parks throughout the Henderson-Massey area that have this issue which could be improved by increasing road frontage and visibility.



### CONNECTIONS

- Parks that provide connections along the waterways and coastline
- Cyclepaths - existing and proposed (AT draft Auckland Cycle Network Long Term Plan)
- Street network
- Railway line and stations
- Northwest Motorway



The cycleway along the Opanuku Stream is a popular recreational and commuter pathway. Strong connections with the surrounding residential areas, excellent design and the restored stream margins are key factors for its success.

# UTILISE

Using our parks and open spaces to create a green resilient and prosperous city with thriving communities

## PROSPEROUS TOWN CENTRES AND COMMUNITIES

Henderson-Massey will experience significant growth over the next 40 years. Town centres will support this growth, providing services, employment, public transport hubs and access to motorway systems, social opportunities, open space and town centre amenity.

Henderson Town Centre is a main town centre and has had some recent upgrades such as the Henderson Train Station and Catherine Mall. However, the town centre's streetscapes and the interface between the built environment and the Oratia and Opanuku streams is poor.

Westgate is a newly developed area and the civic amenity is high. The planned town square will feature areas for outdoor dining, can be used for community events and will be a pedestrian friendly slow speed shared space zone.

## ENVIRONMENTAL HAZARDS

Henderson-Massey is vulnerable to flooding and coastal inundation, given its location at the base of the Waitakere Ranges, multiple waterways, tidal rivers and coastline, high level of urbanisation and impervious surfaces. These hazards can contribute to coastal and river bank erosion, increase siltation of estuaries and harbours and damage to open space assets in affected areas.

The open space network provides a buffer between the built environment and the waterways. Riverbank restoration is occurring throughout the local board area, with good community support and participation.

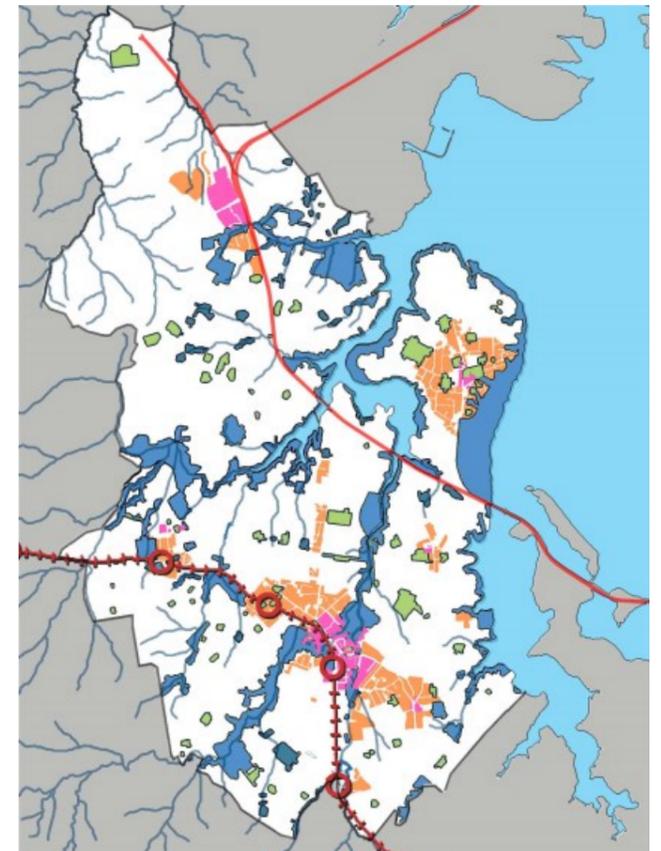
A more recent focus on sustainable stormwater management practices in new developments like Lake Panorama have added value to the open space network.

## ENVIRONMENTAL QUALITY

The State of Auckland Freshwater Report Card for Henderson-Massey (July 2013), states that "[t]he health of Henderson-Massey's rivers is considered to be impaired. Urban development has led to a high level of impervious surface in the area, which prevents rainfall from soaking into the ground. This has follow-on effects for rivers in the area leading to high water temperatures, changes to the natural flow patterns and increased pollution from contaminated stormwater."

The 2013 State of the Environment monitoring programme found there was:

- A decline in the environmental quality of Henderson-Massey's freshwater from a C-grade in 2012 to a D-grade in 2013. The indicators of habitat quality and biodiversity were particularly low.
- The quality of the Central Waitemata Harbour received a D-grade with water quality being ranked 'fair' at Henderson and 'poor' at Whau River/Pollen Island. Issues in the harbour reflect many decades of human impact, including sedimentation and contamination from the urban area.
- Terrestrial biodiversity in Henderson-Massey received a D-grade, reflecting the high proportion of land cover being food production, urban or industrial use, relative to indigenous vegetation.



### TOWN CENTRES, AREAS OF HIGHER RESIDENTIAL DENSITY AND PARKS WITH NATURAL HAZARDS

- Areas of higher residential density (current and future)
- Town centres (current and future)
- Railway line and stations
- Parks with flooding and coastal inundation hazards



The Japanese Garden in Henderson is a high quality green space. It provides a contemplative garden for people living, working and visiting Henderson to enjoy.

# SECTION 2

## KEY OUTCOMES

### WHAT ARE KEY OUTCOMES?

Key outcomes enable the next level of investigation and planning to be more specific and targeted. Five key outcomes for the open space network have been identified in response to the issues and opportunities from the current state analysis. The key outcome analysis will identify the future development and management of the open space network Henderson-Massey's open space network over the next 10 years.



### KEY OUTCOME 3 - TRAILS CREATING A CONNECTED TRAIL AND GREENWAYS NETWORK

Henderson-Massey is fortunate to have a network of well-linked parks, with some excellent trails. Running and walking are among the most popular recreation activities for people who use Henderson-Massey's local parks. Developing and promoting a network of trails creates destinations and activities for local communities and for visitors.

Complementing the street network, the trail networks through parks provide connections for people travelling by foot or bike.

The Trails Key Outcome focuses on extending the park trail network and linking these to streets and cycleways to create a trail network throughout Henderson-Massey for exercise, leisure and providing safe and pleasant ways to get around on foot or by bike.



### KEY OUTCOME 1 - GROWTH PROVIDING FOR OUR GROWING POPULATION

The population of the Henderson-Massey Local Board area is projected to increase by 53,000 people over the next 30 years. Much of the growth will be accommodated close to existing centres at Henderson, Glendene, Te Atatu Peninsula and Ranui. New greenfield development is occurring at Westgate and is proposed for Redhills.

Many new developments have smaller sections and include a mix of housing types including terraced housing and apartments. Residents in these developments increasingly rely on public open space for many activities that may have traditionally happened in suburban backyards.

The Growth Key Outcome focuses on ensuring areas where the most growth is happening has easy access to a variety of high-quality public open spaces that meet the needs of residents and create attractive places to live.



### KEY OUTCOME 4 - PLAY MAKING PLACES FOR EVERYONE TO PLAY

The importance of parks as places for children to play emerged as a strong theme in the Henderson-Massey neighbourhood parks user research. Playgrounds will become even more important as density increases.

The community has told us the playgrounds should provide for a wider age range and that they act as social hubs, contributing to a sense of community. More opportunities are required for toddlers and for young people (age 13+) to play, recreate and socialise.

The Play Key Outcome focuses on improving access to a variety of play experiences for a range of ages within neighbourhoods with facilities that support families and young people.



### KEY OUTCOME 2 - PEOPLES' CHOICE PARKS CREATING VIBRANT AND MULTIFUNCTIONAL LARGE PARKS

This outcome focuses on making our larger parks more multifunctional, offering a range of different experiences from smaller local parks.

Larger, multifunctional parks are popular destinations that people will travel further to visit and stay longer. With Henderson-Massey's expected population growth, these parks will contribute to the attractiveness of the local board area.

Henderson-Massey has a number of large parks, mainly sports parks, bush reserves or horse grazing which are able to accommodate increased use while protecting the features that make them special.



### KEY OUTCOME 5 - COAST AND WATERWAYS ENHANCING OUR COASTLINE AND WATERWAYS

A defining feature of Henderson-Massey's park network is the well-linked esplanade and riparian reserves along the coastline and waterways. Many of the coastal and riparian reserves have ecological and heritage values. The esplanade and riparian reserves are able to provide green linkage corridors to support biodiversity, mitigate flooding, offer recreational opportunities, and reducing sediment and contaminants entering waterways.

Coastal parks could face challenges from sea-level change and more frequent storm events as our climate changes.

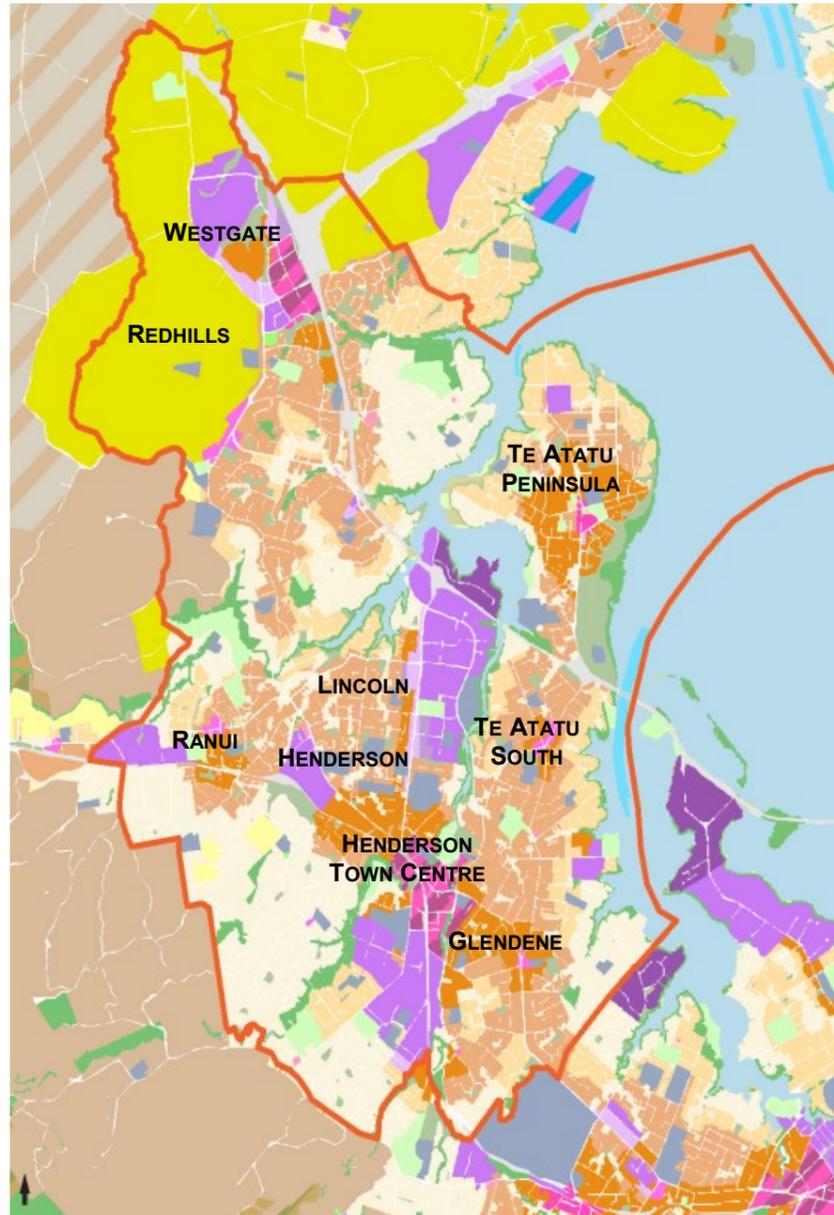
The Coast and Waterways Key Outcome focuses on restoring and enhancing the environmental quality of our riparian and coastal parks. Restoring native vegetation, enhancing trails, working in partnership with the community and providing interpretation will help these places to improve Henderson-Massey's water quality, provide ecological linkages and become places valued by the community.



# KEY OUTCOME 1 - GROWTH

## PROVIDING FOR OUR GROWING POPULATION

### HENDERSON-MASSEY'S GROWTH AREAS



The location map above identifies the areas that are expected to grow in population either through higher density housing and greenfields development. The Growth Key Outcome will focus on parks serving these areas.

The open space at Westgate is predominantly associated with stormwater infrastructure which has integrated open space outcomes. The sloping topography of this type of open space can limit the diversity of recreational experiences possible. Care must be taken to ensure the overall open space network delivers a range of open spaces.



### HIGHER DENSITY HOUSING AREAS

Urban intensification supports Auckland's vision of a compact city. Access to a range of high quality open spaces that are attractive, safe and provide a range of experiences will improve liveability for current and future residents.

Currently, there is a reasonable distribution of parks across the Henderson-Massey area. As the population density increases, there will be more reliance on these parks as people will have less access to traditional 'backyard' private open spaces. Improving the usability of parks, by increasing the quality and diversity of experiences, will allow the existing open space network to be better prepared to support additional demand.

Neighbourhood parks have limited potential to offer a variety of experiences on their own because of their small size. Diversity can be increased within neighbourhoods by ensuring that clusters of parks offer experiences that are different from each other. Therefore, planning how neighbourhood parks should be developed, must be considered in the context of what experiences are already offered at nearby parks.

### GREENFIELD DEVELOPMENT AREAS

Henderson-Massey has areas of greenfield development, predominantly in the north as part of the wider Northern Strategic Growth Area (NorSGA). The key planning tool for the open space network in these areas is achieved through structure planning for the whole of NorSGA, integrating natural and cultural features and values, other infrastructure and surrounding open space networks.

This open space network plan includes the structure planning work underway for the greenfield growth areas in Redhills and Westgate. The planning of provision and layout of the open space network is consistent with Auckland Council's Interim Parks and Open Space Provision Guidelines.

*"Because it's important now that properties are being subdivided and houses are being squashed in together with little yard space, that you have a local park to go to. Green space is important for kids, adults, and those with dogs." Participant in the Henderson-Massey neighbourhood parks user study.*

### OPEN SPACE CRITERIA FOR PARKS IN HIGHER DENSITY HOUSING AREAS

The existing parks where there is or will be higher density housing have been assessed using the following open space assessment criteria:

#### 1. PARK QUALITY

Park quality affects how useable, useful and valued a park is to the community. Influences on the quality of parks in residential growth areas include park layout and configuration.



Lone Tree Park (left) feels safe with good street frontage and attractive, well-maintained seating, play area, footpaths, grass and plantings. Parks with poor configuration and visibility often get damaged, and feel neglected and unsafe (right).

#### 2. VARIETY

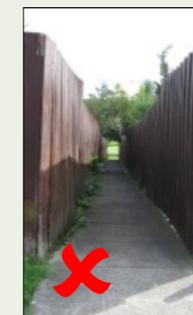
Parks provide places for people to be active, play, socialise, seek respite and connect with natural environments. A variety of park experiences within neighbourhoods will increase liveability. Different experiences can be offered across a cluster of neighbourhood parks.



Community gardens (left) are an example of how to increase the variety of experiences available to a network of neighbourhood parks, giving hands-on experiences and helping to build communities. The photo on the right shows a park that offers limited experiences but with the potential to provide experiences not offered by nearby parks.

#### 3. CONNECTIONS

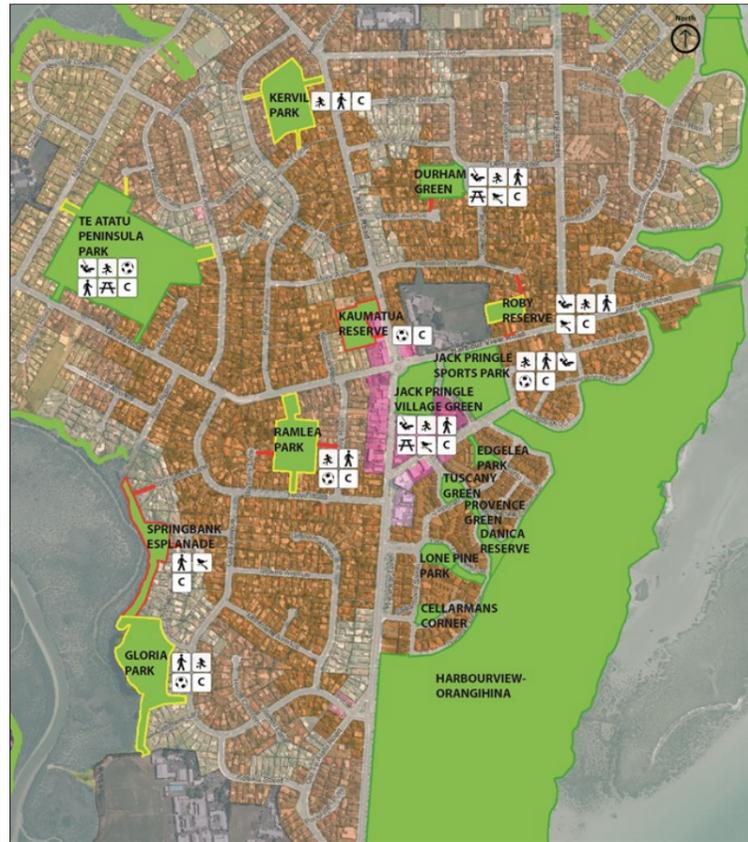
Along with the street network, parks contribute to well-connected neighbourhoods, where people are able to travel safely by foot or cycle to local destinations. Parks needs to have wide, safe entrances, and create popular routes through neighbourhoods linking to destinations such as schools, town centres and transport hubs.



The Project Twin Streams pathway through Henderson Park (left) is a popular off-road cycling and walking route through the Henderson area. This contrasts with the narrow, high fenced accessways to parks that are common throughout the Henderson-Massey area (right).

# ANALYSIS MAPS FOR AREAS OF RESIDENTIAL INTENSIFICATION

The parks in the urban areas of Henderson-Massey that are expected to have significant residential intensification over the next 30 years are shown in the following six maps. The Growth Area Maps on the following two pages show the quality, experiences and connections of parks in the areas of higher density residential.



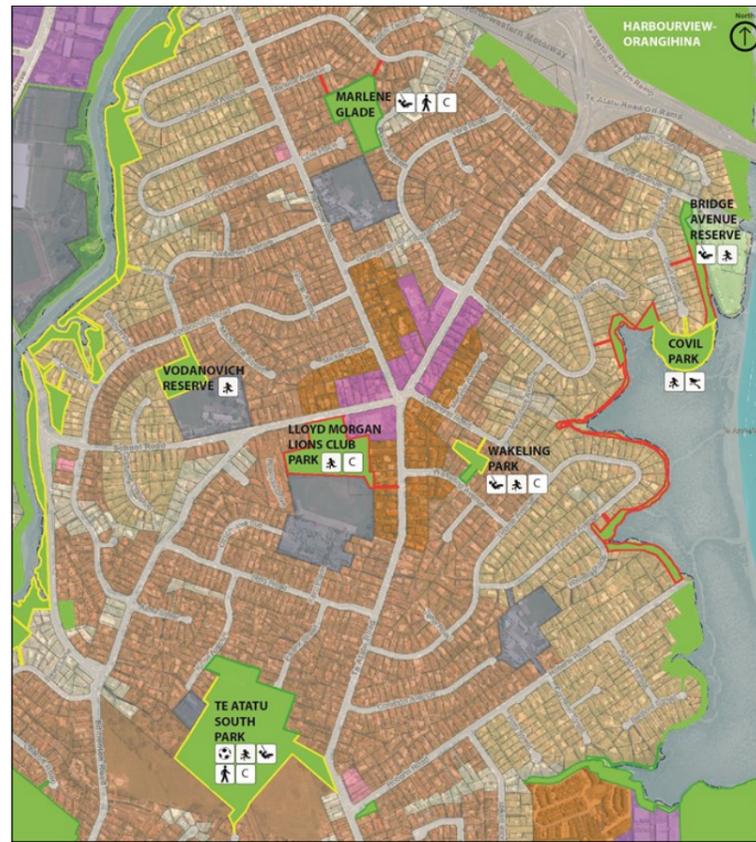
## TE ATATU PENINSULA

Te Atatu Peninsula medium density areas have a good level provision and distribution of open space. The majority of the parks serving this area are of medium to high quality and as a network of parks, offer a diversity of experiences.

Many of the parks would benefit from improving street frontage, widening narrow entranceways and improving sightlines to make parks feel safer and improve connections. Many of the parks, such as Kervil Park, Ramlea Park and Gloria Park have the potential to be developed for a higher rate of use as the population increases. Harbourview-Orangihina, Te Atatu Peninsula Park and Taipari Strand are local destination parks which provide varied experiences.

### HIGH PRIORITY ACTIONS

- **SPRINGBANK ESPLANADE**  
Upgrade walking connections



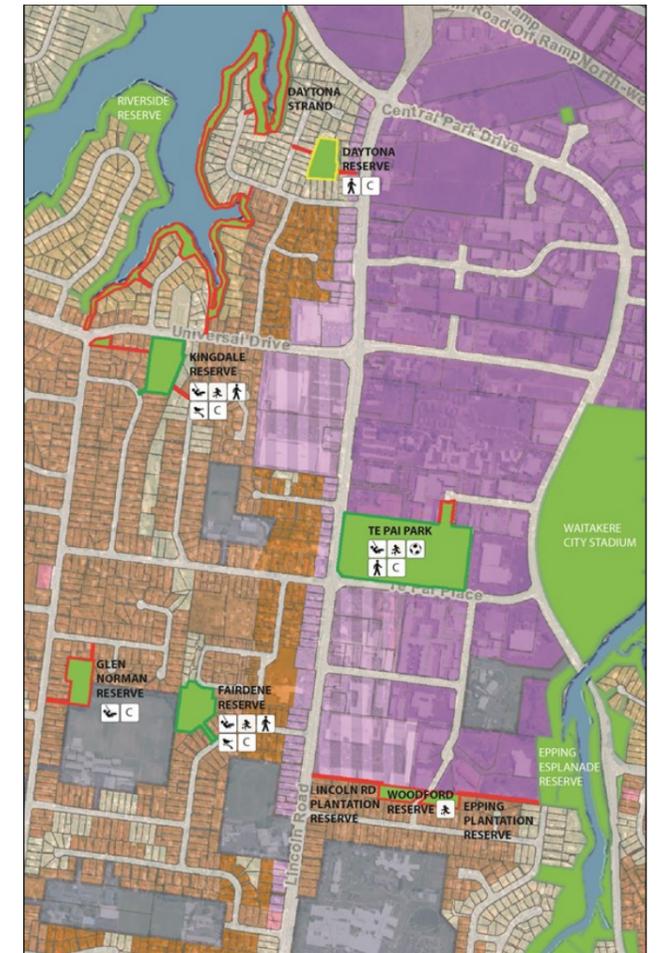
## TE ATATU SOUTH

The distribution of parks in Te Atatu South is reasonable, however many of the parks have poor connections to the surrounding residential areas. In general, the parks tend to be medium or poor quality because of poor quality entrances and limited street frontage.

The network of parks, particularly parks nearest the centre of Te Atatu South, offer a limited range and distribution of experiences. While there are flat green spaces for informal play and Te Atatu South Park provides sports fields, there are limited opportunities for play, socialising, informal active recreation and connecting with nature. Many of the parks have poor connections to the areas where residential growth will occur, although there are informal connections through schools. The street network provides connections to the parks along Henderson Creek. However, pathways along the Whau River parks are limited.

### HIGH PRIORITY ACTIONS

- **LLOYD MORGAN LIONS CLUB PARK**  
Improve connections, entranceways, play and passive recreation
- **MARLENE GLADE**  
Improve entranceways and active recreation
- **VODANOVICH RESERVE**  
Improve connections, entranceways, play, passive and active recreation
- **WAKELING PARK**  
Improve entranceways and passive recreation
- **BRIDGE AVENUE RESERVE**  
Improve connections
- **COVIL PARK**  
Improve entranceways, walkway connections, passive recreation, and opportunities to socialise and connect with nature



## LINCOLN

There is a reasonable provision of open space, however not all the parks provide quality experiences or feel safe. Daytona Reserve, Daytona Esplanade and Glen Norman Reserve have the highest potential for improvements. Fairdene Reserve and Kingdale Reserve provide good quality local parks with playgrounds and opportunities for informal recreation and for connecting with nature. Te Pai Park provides an excellent range of recreation facilities for young people, including a skatepark, netball facilities and playground, as well as informal and passive recreation.

The street network provides the majority of the open space connections in the area. Parks provide some connections, however many of these connections are narrow, have poor sightlines and feel unsafe, particularly in Kingdale Reserve, Glen Norman Reserve, Daytona Reserve and Daytona Strand. The street network provides several connections between Lincoln Road and the Project Twin Streams park network along Henderson Creek. Safe crossings of Lincoln Road, signage and quality pedestrian/cycle routes would improve these connections. Lincoln Road Plantation Reserve and Epping Plantation Reserve have limited potential to develop as connections between Lincoln Road, Woodford Reserve and Henderson Creek.

### HIGH PRIORITY ACTIONS

- **DAYTONA RESERVE**  
Improve entranceways, play and passive recreation
- **DAYTONA STRAND**  
Improve passive recreation, play and connections
- **GLEN NORMAN RESERVE**  
Improve entranceways, configuration, play and connections



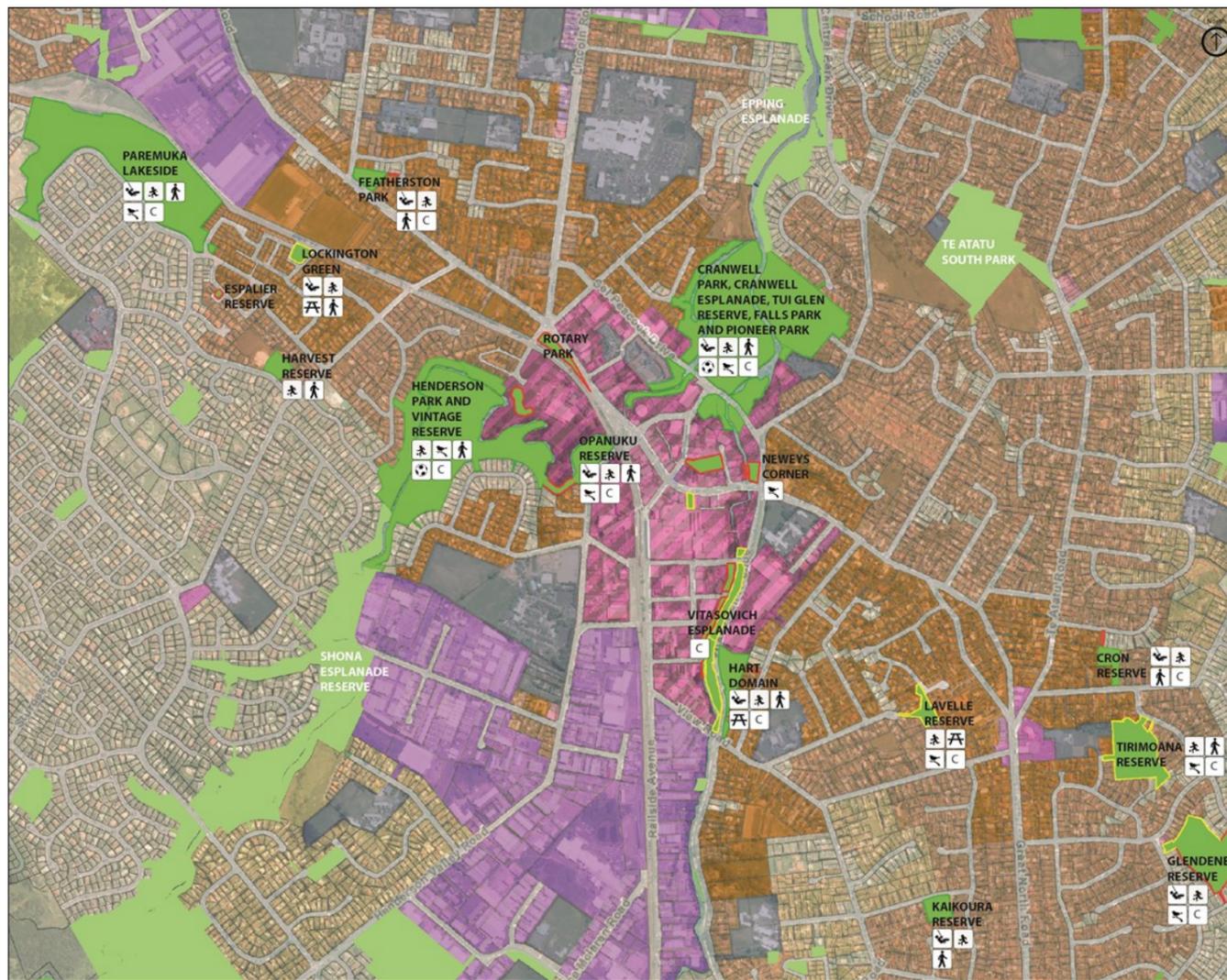
## RANUI

Ranui has an excellent network of parks that offer a range of experiences. There are opportunities for passive and informal recreation, play, connecting with nature and socialising distributed across the network of neighbourhood parks and the larger Ranui Domain. Overall, the parks are of very good quality, however many of the parks have narrow entranceways and sightlines being blocked by vegetation, making parks feel unsafe.

The rail corridor creates a physical barrier to pedestrian movement. There is a controlled level pedestrian crossing at Ranui Station and at Metcalfe Road. Ranui Station Park contributes to enhancing the eastern side of the Ranui Station crossing. A cycleway along the rail corridor and additional pedestrian/cycle crossings would contribute to creating a more connected community.

### HIGH PRIORITY ACTIONS

- **TE RANGI HIROA/ BIRDWOOD**  
Implement trail linkages to connect with surrounding residential areas
- **RANUI DOMAIN**  
Improve informal recreation and play opportunities



## HENDERSON

There are several large parks Henderson residents can easily access. These parks provide a wide range of activities and experiences including stream walks, formal and informal recreation, and play. They all have potential to provide for a growing population, particularly Henderson Park. Connections with surrounding residential areas should be stronger.

Smaller neighbourhood parks (Lockington Green, Featherstone Park and Harvest Reserve) offer less of a range of experiences. However, given the level of residential intensification, there are opportunities to improve many of these parks, such as the potential to offer play and passive recreation.

The area between Lincoln Road and Swanson Road would benefit from better access to a neighbourhood park.

### HIGH PRIORITY ACTIONS

- **HENDERSON TOWN CENTRE**  
Implement open space components of Henderson Town Centre Implementation Plan
- **NEW RESERVE**  
Acquire new reserve between Lincoln Rd and Swanson Rd
- **CRANWELL PARK; TUI GLEN RESERVE; CRANWELL ESPLANADE; FALLS PARK; PIONEER PARK**  
Improve connections between and to residential areas
- **HENDERSON PARK; OPANUKU RESERVE; VINTAGE RESERVE; CORBAN ESTATE**  
Improve informal active recreation, play, connections and opportunities to socialise

## GLENDENE

The southern and eastern areas of the medium density residential areas have reasonable access to neighbourhood parks. Some of these parks, such as Lavelle Reserve, Tirimoana Reserve, Glendene Reserve and Cron Reserve offer a low range of experiences, due to the low amount of usable space in the parks or low level of development. An additional neighbourhood park on the northern side of Great North Road would benefit residential areas on both sides of Great North Road.

Similar to Henderson, there are large parks located on the periphery of Glendene, particularly the parks associated with Project Twin Streams, Henderson Park and Cranwell Park. To maximise the benefit of these parks, connections from Glendene's residential areas to these parks must be well-defined, welcoming and safe.

### HIGH PRIORITY ACTIONS

- **LAVELLE RESERVE**  
Increase size and versatility of reserve
- **NEW RESERVE**  
Acquire new reserve on the northern side of Great North Road
- **NEW CIVIC SPACE**  
Acquire civic space in Glendene Town Centre and upgrade streetscape

### GROWTH AREA MAP SYMBOLS

- High quality open space
- Medium quality open space
- Poor quality open space
- Informal active recreation
- Informal play
- Playground
- Formal sport
- Connect with nature
- Socialising
- Provides a connection

# REDHILLS FUTURE URBAN AREA

## POTENTIAL OPEN SPACE NETWORK

The Proposed Auckland Unitary Plan has identified approximately 750ha of land for future urban development in the Redhills area. Redhills is located directly to the west of the Westgate Metropolitan Centre, which is currently under development. Approximately 200 hectares of the Redhills future urban area has been identified as a special housing area and is planned to be developed into 2500 dwellings over the next 10 years. The remaining area of Redhills will be developed over the next 30 years, and will accommodate approximately 15,000 to 20,000 residents once fully developed.

A structure planning and plan variation process is required before future urban zoned land is developed. This process will determine the location and type of development, such as where housing or new town centres are located, as well as the location of supporting infrastructure such as roads, stormwater and open space. Redhills will require a diverse range of open spaces to meet the recreation and social needs of residents, conserve natural features and address stormwater requirements.

The diagram and table below illustrate a potential open space network for Redhills, which is consistent with the Auckland Council's Open Space Provision Guidelines, and can help to inform future planning for the area as it is urbanised.

### PARK CORRIDORS

The topography of Redhills results in a number of natural streams that create opportunities to establish a connected network of connected, multifunctional, park corridors. A connected open space network has a number of benefits, including conserving streams and aquatic ecosystems, establishing a recreational trail network and helping to address stormwater and flooding issues. Other open space, such as neighbourhood or suburb parks should be located along green corridors where possible.



### NEIGHBOURHOOD PARKS

A network of neighbourhood parks will be required, located within a short walk (5 mins) of all households. Neighbourhood parks provide basic informal recreation opportunities for nearby residents, including play facilities, kick-around space and areas for respite and relaxation.



### SUBURB "PEOPLE'S CHOICE" PARKS

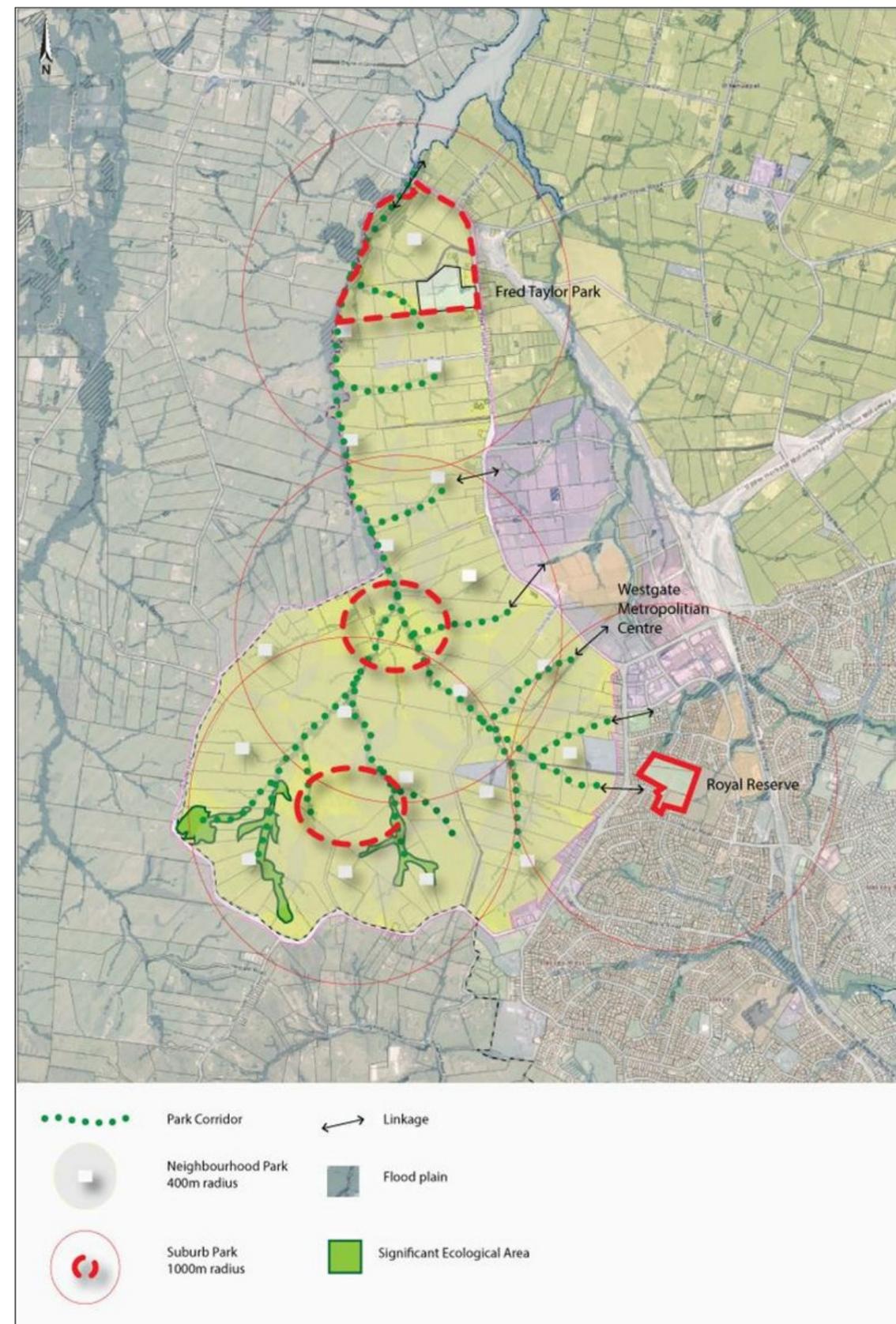
Redhills will require the provision of medium scale open spaces that provide diverse informal recreation, social and sporting opportunities for the community, and help to establish attractive and distinctive suburbs. Medium sized parks of 5-10ha provide space for facilities such as skate parks, sports fields, destination playgrounds, walking circuits and space for events. Fred Taylor Park, which currently only provides for organised sport, could be expanded and developed to provide for a wider range of activities to serve the northern part of Redhills. Establishing good quality pedestrian connections to Royal Reserve, located nearby in Massey, will assist with serving the eastern area of Redhills. It is anticipated two more suburb scale parks will be required,

### HERITAGE AND CONSERVATION PARKS

The Proposed Auckland Unitary Plan identifies a number of bush areas located in Redhills as significant ecological areas. There may be opportunities to conserve these areas within the public open space network when the area is developed. Further assessment of the heritage and ecological values of the area may identify further opportunities to establish conservation or heritage parks.

### LINKAGES

The open space network, particularly the park corridors, should establish good quality connections to the nearby open spaces within Massey and Westgate. These could be either in the form of continuous open space linkages, or on-street greenway connections.



# KEY OUTCOME 2 - PEOPLES' CHOICE PARKS

## CREATING VIBRANT AND MULTIFUNCTIONAL LARGE PARKS

Large parks are able to provide a wider range of experiences. Henderson-Massey has a number of large parks, with many of them having potential to be better utilised by offering a wider range of facilities and experiences.

Many of Henderson-Massey's large parks have established uses of sports fields, equestrian and conservation. Informal recreation and social opportunities would be valuable additions and have a minimum impact on existing uses. An example is developing perimeter walking circuits, playgrounds, community gardens, and picnic facilities at large parks with sports fields. Providing opportunities to connect with nature and relax is an important open space function, particularly in higher density areas. Conservation areas in larger parks, particularly along waterways and the coastline are particularly well suited to offer these experiences.

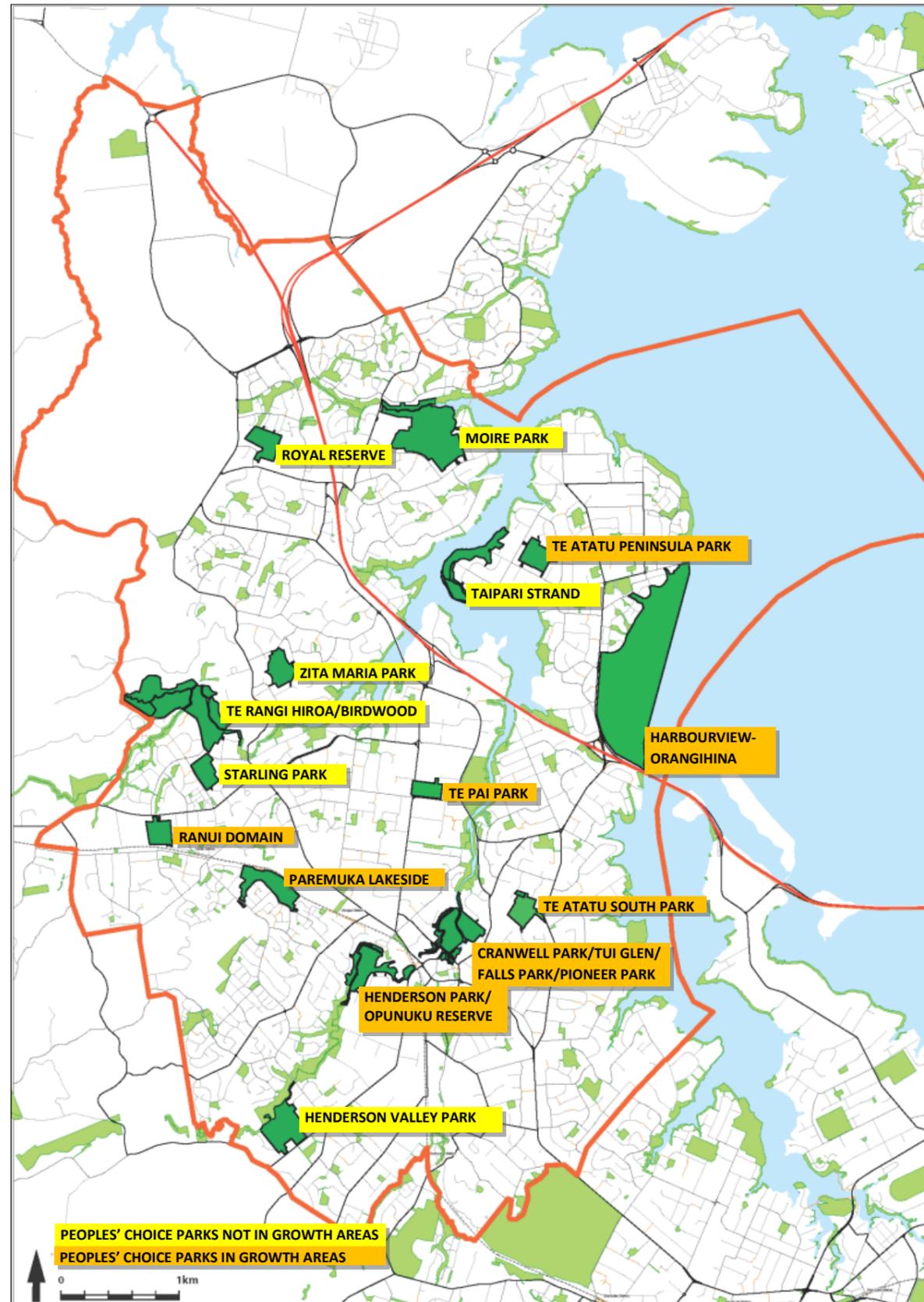
### PEOPLE'S CHOICE PARKS IN AREAS OF RESIDENTIAL INTENSIFICATION

Over half of the Peoples' Choice Parks are located in the areas of anticipated resident growth and have therefore been analysed as part of Key Outcome 1 - Growth. The parks that are covered in the growth key move are:

- Harbourview-Orangihina
- Te Atatu Peninsula Park
- Te Pai Park
- Te Atatu South Park
- Cranwell Park, Tui Glen, Falls Park & Pioneer Park
- Henderson Park
- Paremuka Lakeside
- Ranui Domain



Te Rangi Hiroa/Birdwood has the potential to be a large, multi-use park that caters for all ages with an emphasis on providing different activities such as BMX (above) and other facilities for young people.



PEOPLES' CHOICE PARKS (excludes Peoples' Choice Parks in areas of residential intensification)	
PARKS	ACTIONS
Te Rangi Hiroa/Birdwood	Implement the Te Rangi Hiroa/Birdwood concept plan that to: <ul style="list-style-type: none"> <li>• Connect the park with current and future residential areas through land acquisition, trail linkages and safe road crossings</li> <li>• Provide cycle/walkway connections and circuits along the Swanson Stream, waterways and bush areas</li> <li>• Provide active recreation opportunities for young people</li> <li>• Provide opportunities to enjoy the natural environment</li> <li>• Improve opportunities for groups to socialise</li> <li>• Provide play experiences for younger children.</li> </ul>
Royal Reserve	<ul style="list-style-type: none"> <li>• Finalise and implement the concept plan to improve informal active recreation and play opportunities.</li> <li>• Manage vegetation to improve sightlines along the walkway to Rush Creek Drive.</li> <li>• Ensure good connections as subdivision planning occurs in area on the eastern boundary.</li> </ul>
Zita Maria	Develop and implement a concept plan to: <ul style="list-style-type: none"> <li>• Improve entranceways and connections with surrounding residential areas, circulation pathways into and through the park and acquisition of properties to improve access</li> <li>• Provide informal active recreation opportunities such as frisbee golf</li> <li>• Provide toilet facilities for park users</li> <li>• Manage vegetation to address safety issues</li> <li>• Address drainage issues and sports field capacity.</li> </ul>
Henderson Valley Park	Develop and implement concept plan to <ul style="list-style-type: none"> <li>• Improve community access and connections between Henderson Valley Road, Tabitha Crescent entrance and the Project Twin Streams shared path</li> <li>• Provide seating and shade at the playground.</li> </ul>
Starling Park	Design and implement additional facilities to improve informal active recreation, for example a perimeter path and/or fitness equipment.
Moire Park	Review concept and development plans (Reserve Management Plan 2000).
Taipari Strand	Implement development plan to: <ul style="list-style-type: none"> <li>• Improve informal active recreation opportunities, such as a perimeter fitness circuit</li> <li>• Provide opportunities to connect with nature and learn about the natural environment, such as a coastal boardwalk with bird watching opportunities</li> <li>• Provide social opportunities such as picnic/barbecue facilities</li> <li>• Provide a dog off-leash area</li> <li>• Improve connections to the local street network.</li> </ul>

# KEY OUTCOME 3 - PLAY

## MAKING PLACES FOR EVERYONE TO PLAY

This section analyses the network of play opportunities across Henderson-Massey, with regard to:

- Distribution of playgrounds
- Access to playgrounds
- Diversity of play experiences across clusters of playgrounds within neighbourhoods and opportunities in larger suburb scale areas.
- Support facilities to ensure playground environments are pleasant and functional for children, caregivers, family groups and support social opportunities which add to a sense of community.

There is currently a reasonable distribution of playgrounds across the area. However, the provision of play activities for some age groups is not well catered for. This can be addressed by providing for different age ranges within a cluster of neighbourhood parks and through larger destination playgrounds that cater for a range of age groups.

### PLAY PROVISION

In a wider sense, play opportunities range from informal play such as areas to kick a ball around, hard surfaces for cycling, interesting natural objects such as tree stumps to clamber on as well as purpose built playground equipment. All neighbourhood parks, where they are well-configured for safety should cater for some type of play opportunity.

While there is currently a reasonable distribution of playgrounds across Henderson-Massey, a spatial analysis of the network has identified ways to improve access to play opportunities.

As residential intensification occurs in existing residential areas, existing playgrounds will need to cater for higher user numbers. As residential development occurs in greenfield areas, playgrounds will need to be provided where there is limited access to existing playgrounds.

Where there are gaps in playground provision in existing residential areas, shortfalls should be addressed primarily through providing new playgrounds in existing open spaces. Secondly, where is also an open space provision gap, park acquisition must take into account the appropriateness for installing a playground.

In some situations, an existing playground may have poor access from a nearby residential area. Factors that may limit access include poor configuration, poor quality connections, barriers such as busy roads, waterways, motorways and railway corridors. Improving access will make a difference to play provision in neighbourhoods.

### PLAY DIVERSITY

Play diversity means catering for all age groups and providing variety such as natural play opportunities as well as off-the-shelf playground equipment. Playgrounds should be designed to be inclusive of children of all abilities. Clusters of playgrounds within neighbourhoods should offer a diversity of play opportunities which include:

- Diversity of playground size
- Diversity of age ranges catered for
- Diversity of playground type and design (off-shelf and natural play)
- Inclusive/accessible play
- New playgrounds, expanded playgrounds and/or playground upgrades should add diversity of experiences available in the neighbourhood.

In Henderson-Massey, there is a low diversity of play opportunities and some age groups are not well catered for. This can be addressed by ensuring there is a diversity of play experiences for children of different ages within clusters of neighbourhood parks. Renewals, upgrades and new playgrounds are opportunities to increase diversity and planning renewals, upgrades and new playgrounds must consider other play experiences in the area.



Henderson Park is the perfect venue for family friendly community events and festivals

### DESTINATION PLAYGROUNDS

Providing for diversity can be addressed by developing larger destination playgrounds. These typically provide a range of experiences for a range of ages in the same location. When these are co-located with other recreation activities, use of facilities such as picnic areas and amenity buildings can be shared.

Destination playgrounds offer opportunities for all ages. They should be located in destination parks with the potential to offer multiple experiences. They should have a full range of supporting facilities such as seating, picnic facilities, toilets, water and shade. Safe walking and cycling routes increase accessibility, and as people travel further to use destination playgrounds, there should be car parking available.

Considerations for the locations of destination playgrounds include:

- Being in safe, well configured locations
- Being located in People's Choice Parks or large parks
- Being expansions of existing popular playgrounds
- Having proximity to existing and/or future residential growth
- Being located in a variety of settings, e.g., coastal, foothills, bush, sports grounds, rural and urban. This will allow diversity in play types, e.g. natural play, structured play, unique features and character.

*“Parents need somewhere close to take their children to play, whether it is on play equipment or just for the use of a larger green space. Now that sections are becoming smaller there are fewer places for kids to use in their own home space for games.”*  
Participant in the Henderson-Massey neighbourhood parks user study.



Te Pai Park offers play and sport for a diversity of ages, with a playground, skatepark, netball and tennis courts and grassy kick-a-ball areas.

### PLAYGROUND LEVELS OF SERVICE

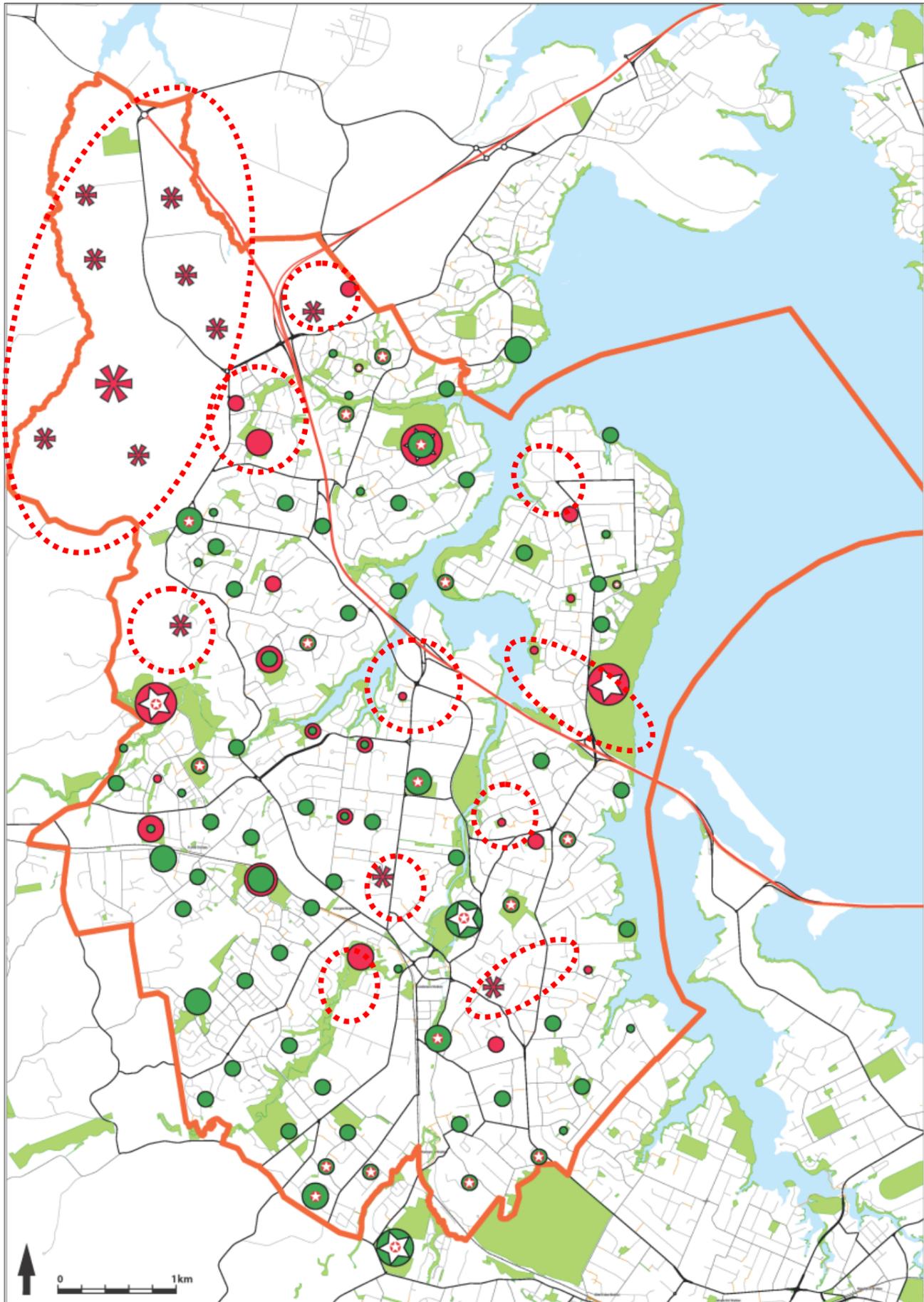
Henderson residents have told us that levels of service such as shade, seating, barbecues, tables, rubbish bins, water and toilet facilities at playgrounds are important to them. A playground audit found that many playgrounds did not have an adequate level of service appropriate to the size of the playground.

The table sets out guidelines for the number of play experiences, age ranges provided for and supporting facilities. Playground current state audits, spatial provision analysis and play actions have applied these guidelines. In implementing the play actions, as per the best practice design process, a detailed analysis is required.

Playground size	Number of play experiences provided	Number of age ranges provided for (age ranges: 1-2, 3-5, 6-8, 9-12, 13+)	Playground support facilities
Small	1 to 6	Playground provides for a minimum of 2 age ranges	<ul style="list-style-type: none"> <li>• Seating</li> <li>• Rubbish bin</li> </ul>
Medium	7 to 12	Playground provides for a minimum of 3 age ranges	<ul style="list-style-type: none"> <li>• Seating and/or picnic table</li> <li>• Rubbish bin</li> </ul>
Large	13 to 19	Playground provides for all age ranges and includes a special play attraction	<ul style="list-style-type: none"> <li>• BBQ and/or toilets if appropriate to site, for example, People's Choice Park or large sports park</li> <li>• Seating and picnic table(s)</li> <li>• Rubbish bins</li> </ul>
Destination	20+	Playground provides for all age ranges and includes at least one special play attraction	<ul style="list-style-type: none"> <li>• Toilet facilities</li> <li>• BBQ facilities</li> <li>• Seating and picnic table(s)</li> <li>• Rubbish bins</li> </ul>



Tui Glen playground is play destination for residents of Henderson-Massey and neighbouring areas



**PLAY IN HENDERSON-MASSEY**

The analysis and recommendations for play are based on the principles of play provision, diversity of play types, diversity of ages catered for within neighbourhoods, destination playgrounds, activation of under-utilised open spaces and inclusiveness.

There is currently a reasonable distribution of playgrounds across the area. However, the provision of play activities for some age groups is not well catered for. This can be addressed by providing types of play for different age ranges within a cluster of neighbourhood parks and also through larger destination playgrounds that cater for a range of age groups. Diversity of play types and inclusiveness of children of all abilities are generally low. Play Experience Concepts (Bespoke, 2014) is attached at Appendix A for ideas to create different types of play and increase inclusiveness.



Informal play elements, natural shade, autumn leaves and seating contributes to local play opportunities in Te Atatu Peninsula

**PLAY PROVISION MAP**

The play provision map (left) shows the existing playgrounds, the play provision gaps and recommendations to improve diversity and access to play opportunities.

- **Small playground**  
1-6 play experiences with low level of supporting facilities
- **Medium playground**  
7-12 play experiences with some supporting facilities
- **Large playground**  
13 - 20 play experiences with moderate level of supporting facilities
- ★ **Destination playground**  
20+ play experiences with high level of supporting facilities
- ★ Special attraction such as a basketball or netball hoop, or skate or bike park
- Area where a new playground would improve access to play
- ✱ New playground in future park
- ✱ New destination playground in future park
- **New small playground in existing park**  
1-6 play experiences with low level of supporting facilities
- **New medium playground in existing park**  
7-12 play experiences with some supporting facilities
- **New large playground in existing park**  
13 - 20 play experiences with moderate level of supporting facilities
- ★ **New destination playground in existing park**  
20+ play experiences with high level of supporting facilities
- **Expand existing playground to provide more diversity within cluster of local parks**

**PLAY PROVISION ACTIONS**

The following table sets out actions that will improve play provision and diversity of play experiences.

Play Action	Reserve
Design and build new large or destination playground	<ul style="list-style-type: none"> <li>● Harbourview-Orangihina</li> <li>● Henderson Park</li> <li>● Royal Reserve</li> <li>● Te Rangi Hiroa/Birdwood</li> </ul>
New medium size playground	<ul style="list-style-type: none"> <li>● Kervil Park</li> <li>● Lincoln Park</li> <li>● Lloyd Morgan Lions Club Park</li> <li>● Lavelle Reserve</li> <li>● Massey Leisure Centre</li> <li>● New (future) reserve in Birdwood</li> <li>● New (future) reserve in Glendene</li> <li>● New (future) reserve in Henderson/ Lincoln</li> <li>● Trig Reserve</li> </ul>
New small size playground	<ul style="list-style-type: none"> <li>● Armada Reserve</li> <li>● Daytona Reserve</li> <li>● Divich Reserve</li> <li>● Gloria Park</li> <li>● Ramlea Park</li> <li>● Vodanovich Reserve</li> </ul>
Make existing playground larger and increase diversity of play experiences	<ul style="list-style-type: none"> <li>● Glen Norman Reserve</li> <li>● Hart Domain (improve accessibility)</li> <li>● Kingdale Reserve</li> <li>● Moire Park</li> <li>● Paremuka Lakeside</li> <li>● Ranui Domain</li> <li>● Riverpark Reserve</li> <li>● Zita Maria Park</li> </ul>

The following table shows the actions relating to seating and picnic facilities, guided by the playground levels of service.

Reserve	Seats and/or picnic table	BBQ facilities
Alan Reserve	x	
Bruce McLaren Memorial Park	x	
Featherstone Park	x	
Henderson Valley Park	x	
Hindmarsh Green	x	
Jack Pringle Village Green		x
Kaikoura Reserve	x	
Keegan Park	x	
Kelvin Strand	x	
Martin Jugum Reserve	x	
McLeod Park	x	
Murillo Reserve	x	
Pooks Reserve	x	
Rhinevale Close	x	
Sarajevo Reserve	x	
Spargo Reserve	x	
Starling Park	x	
Taipari Strand	x	x
Taitapu Park	x	
Tatyana Park	x	
Te Pai Park		x
Triangle Park	x	



## KEY OUTCOME 4 - TRAILS

### CREATING A CONNECTED TRAIL AND GREENWAYS NETWORK

A major strength of the Henderson-Massey area is its connected network of open spaces along the coastline, estuaries and the green corridors that extend along many of the streams.

With Projects Twin Streams being a flagship waterway project, Henderson-Massey's other green corridor networks also have the potential to become a unique feature of the area. Walkways such as Project Twin Streams and the Manutewhau Walkway use these green networks to provide access for recreation and enjoyment of these special and unique local environments.

The corridors of Project Twin Streams, the Whau River, Swanson Stream and Manutewhau Stream provide the best opportunities to create continuous linkages from the ranges to the harbour. These corridors can be enhanced through land acquisition to fill gaps in the network, by creating, improving and linking trails, and by improving signage and promotion. Similarly, the coastal esplanades around Te Atatu Peninsula and Massey.

Streams can also act as barriers to movement between communities. Stream crossings would improve the connections for communities and improve access to the open space network.

The Swanson Stream walkways and the Whau River Walkway are important future projects. Swanson Stream has many walkway sections completed and will provide for communities in Massey, Lincoln, Henderson and Birdwood. The Whau River Walkway has the potential to link to the Whau Local Board greenways initiative, and will provide for the communities of Te Atatu South, Glendene and Kelston.

The concept for the Redhills Walkway is included in the Redhills Future Urban Area potential open space network as part of the Growth Key Outcome. Planning will continue to occur as planning for the development of the area progresses.

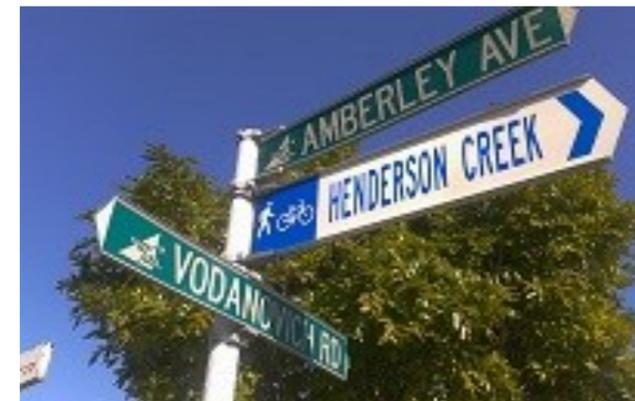
Walking and cycling trails provide recreation and health benefits for all ages and abilities. The trails contribute to fostering community identity, pride and stewardship. Developing and promoting the existing network of trails promotes destinations and activities for the local community and for visitors.

Establishing trail networks in parks makes them more multi-functional, utilising the park network for safer and pleasant walking and cycling travel routes.

The park trail network provides important linkages with the street network, forming routes for people to get around their neighbourhood by cycling and walking.

For people travelling further than their local neighbourhood, connected linear esplanades along waterways/coast and transport corridors such as the rail line and motorways provide the best opportunities for a cycle/walking network. Where trails along streams or the coastline intersect with the motorway and rail line corridors, underpasses and overbridges create more connected communities.

Completing, extending, connecting and promoting the trail network will enhance the current open space network.



Clear signage provides directions to walkways from the street network, which promotes the integrated walking and cycling network.

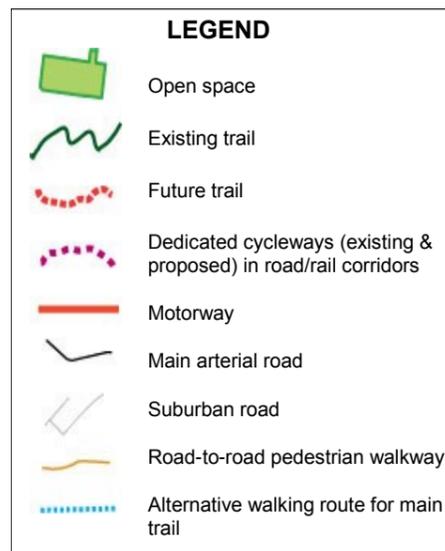


The Corban Art Bridge on the Project Twin Streams walk/cycleway at Henderson provides a gateway to Corban Estate



## TE ATATU PENINSULA COASTAL WALKWAY

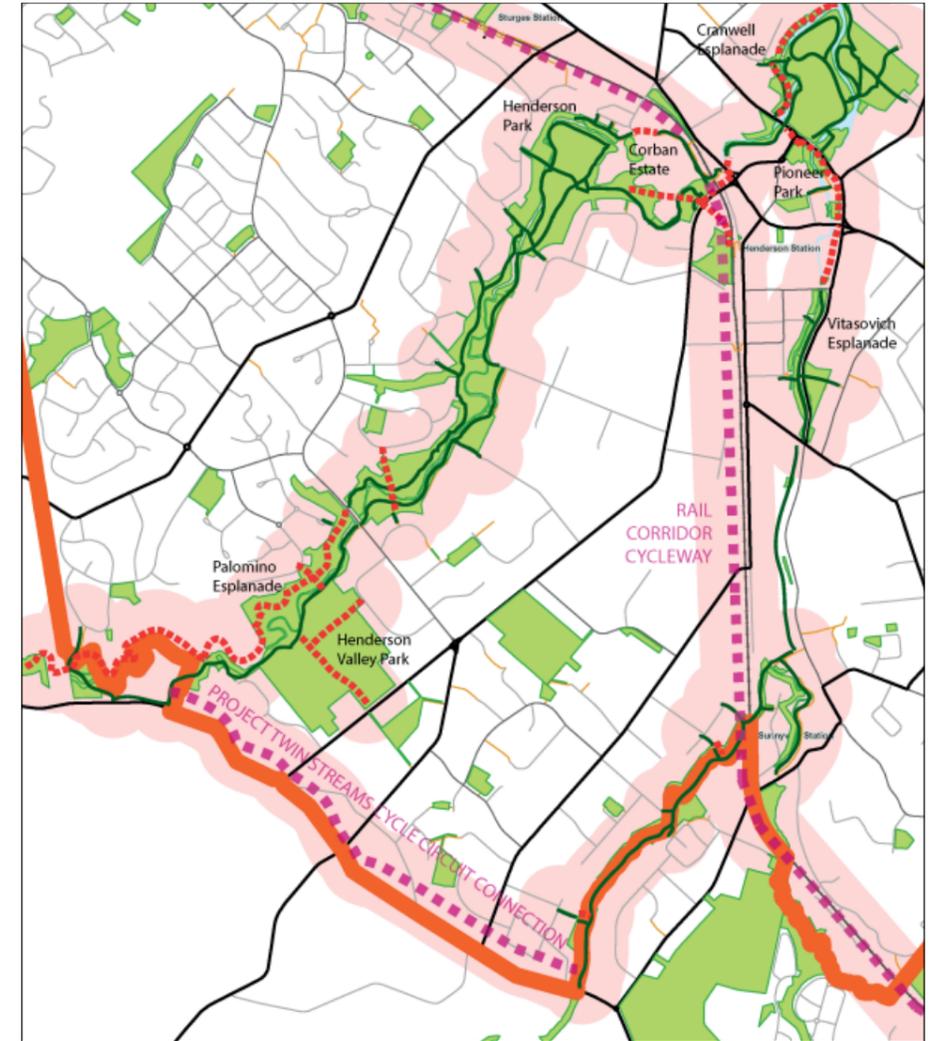
Many of the Te Atatu Peninsula Coastal Walkway sections have been completed, are very popular and are well-utilised. The remaining walkway sections from Taipari Strand to Jack Colvin Park, Chapman Strand, trail through Renata Reserve and boardwalk to Tawa Reserve will complete the walking circuit. Completion of the coastal walkway will enable greater enjoyment of the special coastal environment of the peninsula. Linkages under the motorway to the Whau River have already been identified and would improve connections for pedestrians and cyclists from a wider residential area.



## WHAU RIVER WALKWAY

The Whau River is a key defining feature of Henderson-Massey. A walkway through the reserves and mangroves will provide an opportunity to access and enjoy this unique environment.

A Whau River walkway can be created by trails through esplanade reserves, boardwalks and street connections. The walkway should link with the Te Atatu Peninsula Coastal Walkway and Whau River walkway initiatives in the Whau Local Board area. The majority of the esplanade is managed by Auckland Council, further investigation and a feasibility study of the route options and potential staging of the project is required.



## ORATIA & OPANUKU STREAMS

The Project Twin Streams walk/cycleway is an exemplar for Auckland, popular with locals and visitors. Creating a Project Twin Streams cycling circuit by linking the stream trails ends through Oratia would increase the versatility of the network and improve safe options for people linking the trail ends by using the busy Henderson Valley Road/Pine Avenue.

Access through Henderson Valley Park would improve access to the existing trail network. A bush walk along Palomino Esplanade would provide an additional walking experience and improve access to the trail network from Western Heights.

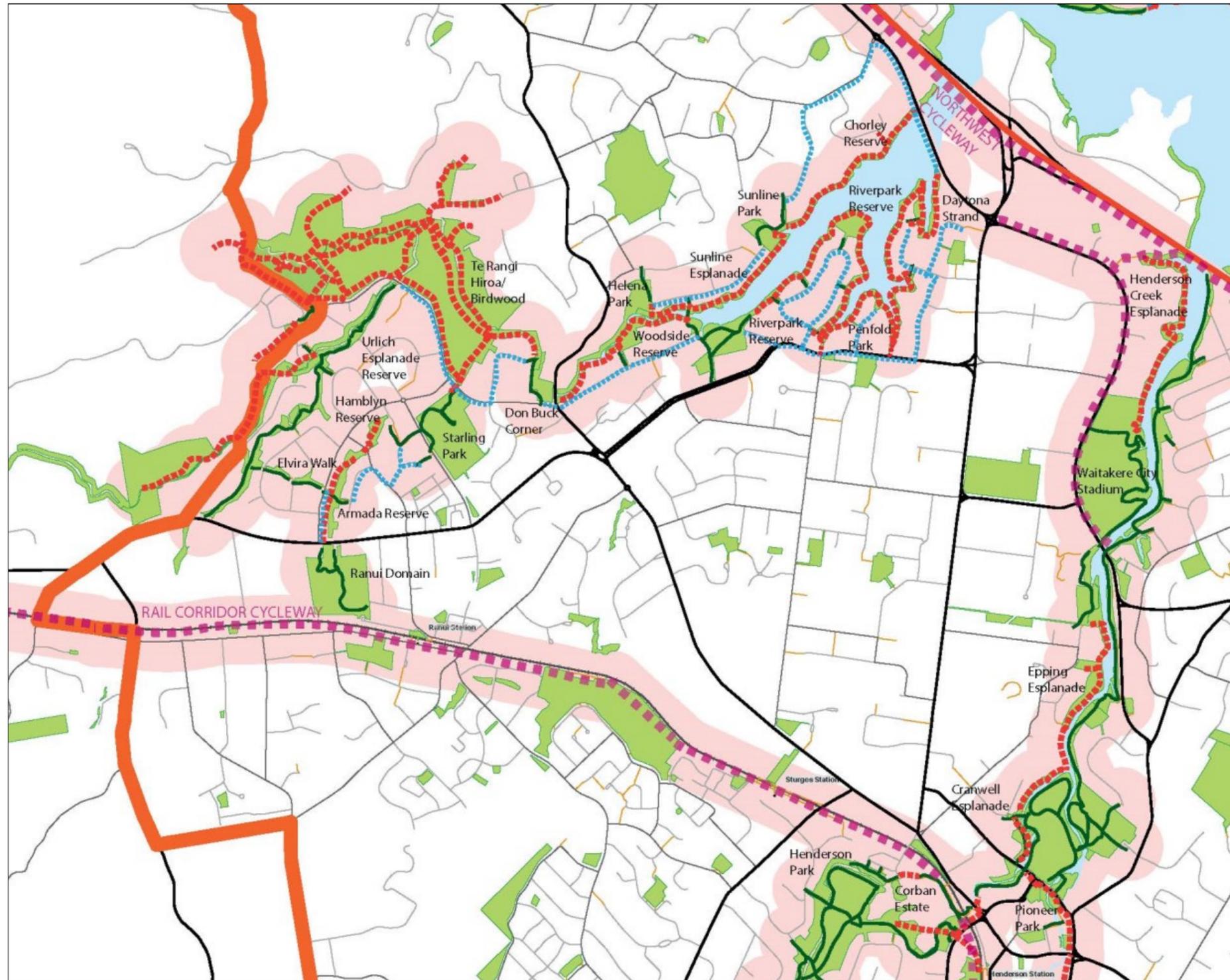
The Project Twin Streams route through the Henderson Town Centre area is difficult to follow and requires improvement, in the route selection, trail construction, stream and road crossings and way-finding signage.

A walking track connecting Project Twin Streams to the Waitakere Range's Opanuku Pipeline Track may be possible in the future.

The Rail Corridor Cycleway will provide an important commuter cycle route for those with longer distances to travel and improve access to Project Twin Streams for cyclists coming from the directions of Glen Eden and Ranui.



Project Twin Streams provides links between residential, commercial and business areas along the streams with Henderson Town Centre.



## SWANSON STREAM & HURUHURU CREEK

Swanson Stream, Huruhuru Creek and their tributaries run from the Waitakere Ranges, through lush restored native vegetation and the tidal Huruhuru Stream to join Henderson Creek flowing into the Waitemata Harbour.

The majority of the land adjacent to Swanson Stream and Huruhuru Creek in the Henderson-Massey local board area is reserve land. Approximately half of these reserves have pathways. Constructing trails on the remaining reserves will create a connected trail network for the communities of Massey, Birdwood, Swanson, Ranui and Lincoln. The trail provides safe walking/cycling access to Te Rangi Hiroa/Birdwood Reserve. The concept plan for the reserve includes walkway linkages. Other park improvements, including the youth recreation centre will increase usage of the Reserve. The Swanson Stream Walkway link through Te Rangi Hiroa- Birdwood will make it easier and safer for young people (target group) to get to the facilities, which include mountain biking and BMX tracks.

A feature of this area is the small waterways that are tributaries to the Swanson Stream. Many of the tributaries run through open space. Some of these primarily have a stormwater and/or ecological function. There is potential for these to provide additional pathway linkages to the Swanson Stream Walkway.

A walking circuit should be investigated on the Huruhuru Creek above the Triangle Road bridge. The circuit could link along esplanade reserves from Chorley Reserve to the bridge crossing of Swanson Stream at Sunline Esplanade, along Riverpark Reserve, Penfold Park and Daytona Strand. The Triangle Road bridge completes the circuit.

## HENDERSON CREEK

The Henderson Creek section of Project Twin Streams provides walking and cycling trails for locals and commuters, providing safe local connections. Along Henderson Creek are larger parks with a variety of experiences and destinations such as the playground at Tui Glen.

New pathways along the western bank would improve connections and access for people travelling to or from area to the east such as Lincoln and Henderson. Advocating for improving cycle routes along Centennial Park Drive past Waitakere City Stadium will integrate the Northwest Cycleway with Henderson.



Project Twin Streams is a cycleway spine alongside Henderson Creek with the street network providing well sign-posted connections to it

## RAIL CORRIDOR CYCLEWAY

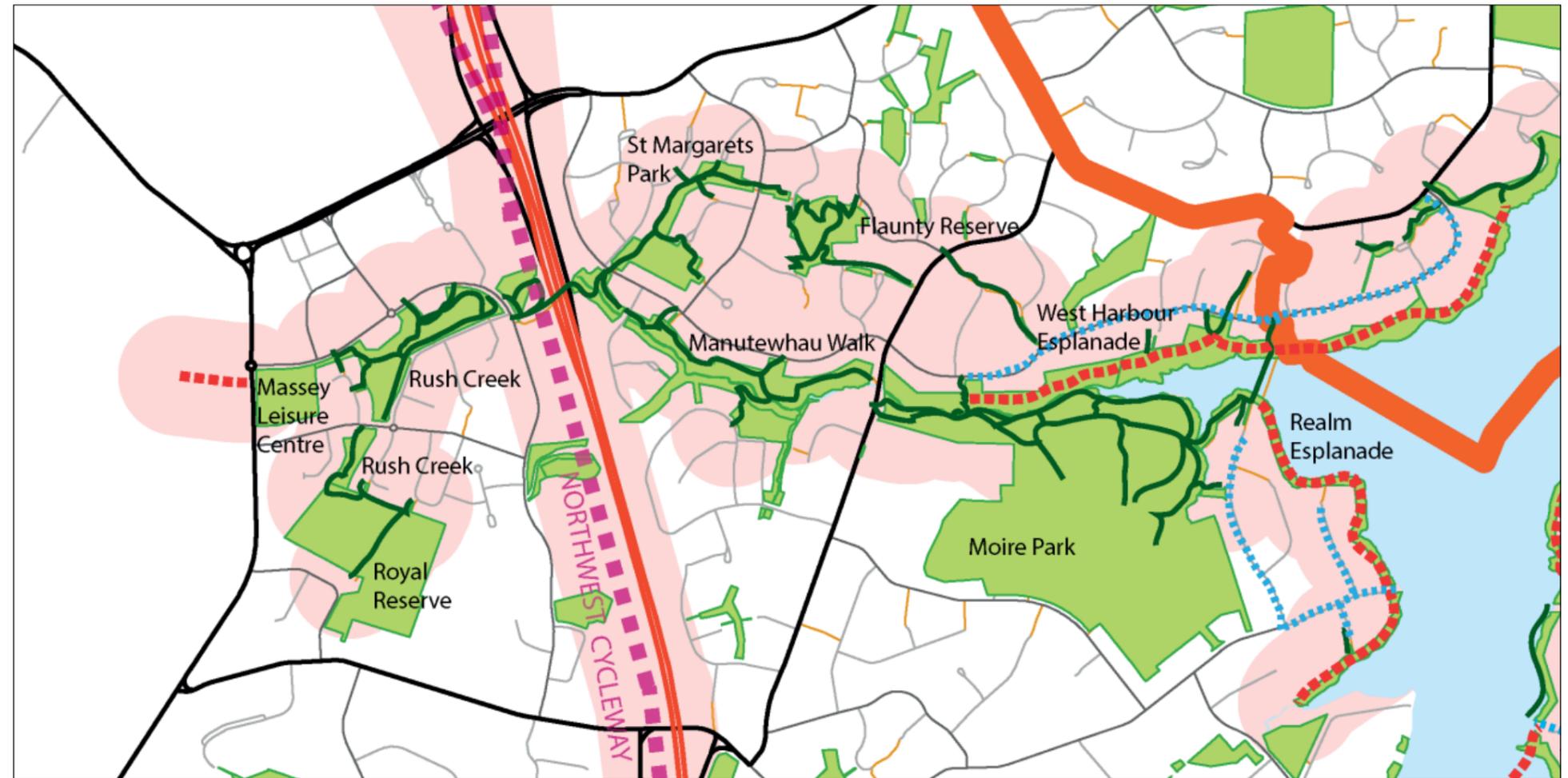
A cycleway along the rail corridor will provide safe transport choices for people living, working or visiting Henderson-Massey. The rail corridor is ideal for a co-located cycleway as it will have a flat gradient, be separated from traffic and take direct routes to town centres located along the rail line and train stations.

## MANUTEWHAU WALKWAY

The Manutewhau Walkway winds through remnant and revegetated bush. It runs from Royal Reserve to West Harbour Esplanade. The mainly gravel walkway passes through areas of native bush, following Rush Creek and Manutewhau Stream. There are two major footbridges which cross the Northern Motorway and the Manutewhau Stream at Realm Esplanade/West Harbour Esplanade.

Winding through suburban areas, the walkway is very accessible to many people. Way-finding signage, an interpretation trail, promotion and appropriate vegetation management will improve the walkway experience and use.

Extensions to the walkway include walkway connections from Redhills as development proceeds; an extension along Realm Esplanade; and a walkway linkage along West Harbour Esplanade linking with coastal trails in Upper Harbour local board area.



The view from the bridge over the Manutewhau Stream between Realm Esplanade and West Har-

# KEY OUTCOME 5 - COAST AND WATERWAYS

## ENHANCING OUR COAST AND WATERWAYS

The Henderson Massey Local Board Area is characterised by a series of lowland streams and tributaries that drain into the Waitemata Harbour. Along the banks of these streams (Oratia, Opanuku and Paremuka Streams and the Whau River) are well connected riparian and coastal corridors and it is this reserve network which provides a largely contiguous ecological corridor through much of the local board area. Much of the riparian vegetation in the reserve network along the Oratia and Opanuku streams was restored under the Project Twin Streams framework. This key outcome builds on this successful project by continuing to enhance the streams and coastal areas.

Open space also provides access to streams and to the harbour. Access to these special environments provides recreational benefits, contributes to community identity and increases liveability. The Trails Key Outcome deals with the access side of things. The environmental quality of these special environments and the public's enjoyment of them has a close relationship.

### ECOLOGICAL AND CULTURAL VALUES

Auckland Council's Proposed Unitary Plan identifies many ecological and cultural values in Henderson-Massey. The majority of these are associated with the coastline and waterways with many located in parks.

### REGIONAL WILDLIFE CORRIDORS

The green linkages along Henderson-Massey's coast and streams act as wildlife corridors for the regional Norwest Wildlink which connects the Hauraki Gulf island sanctuaries to the Waitakere Ranges.

### COMMUNITY

Henderson-Massey has a number of community groups and individuals that make important contributions to restoring and caring for these environments. Supporting these initiatives increases community care and stewardship for the local environment, contributes to well-being and helps connect and build community networks. Access provides opportunities for promoting and learning about Henderson-Massey's natural features, conservation and the wildlife.

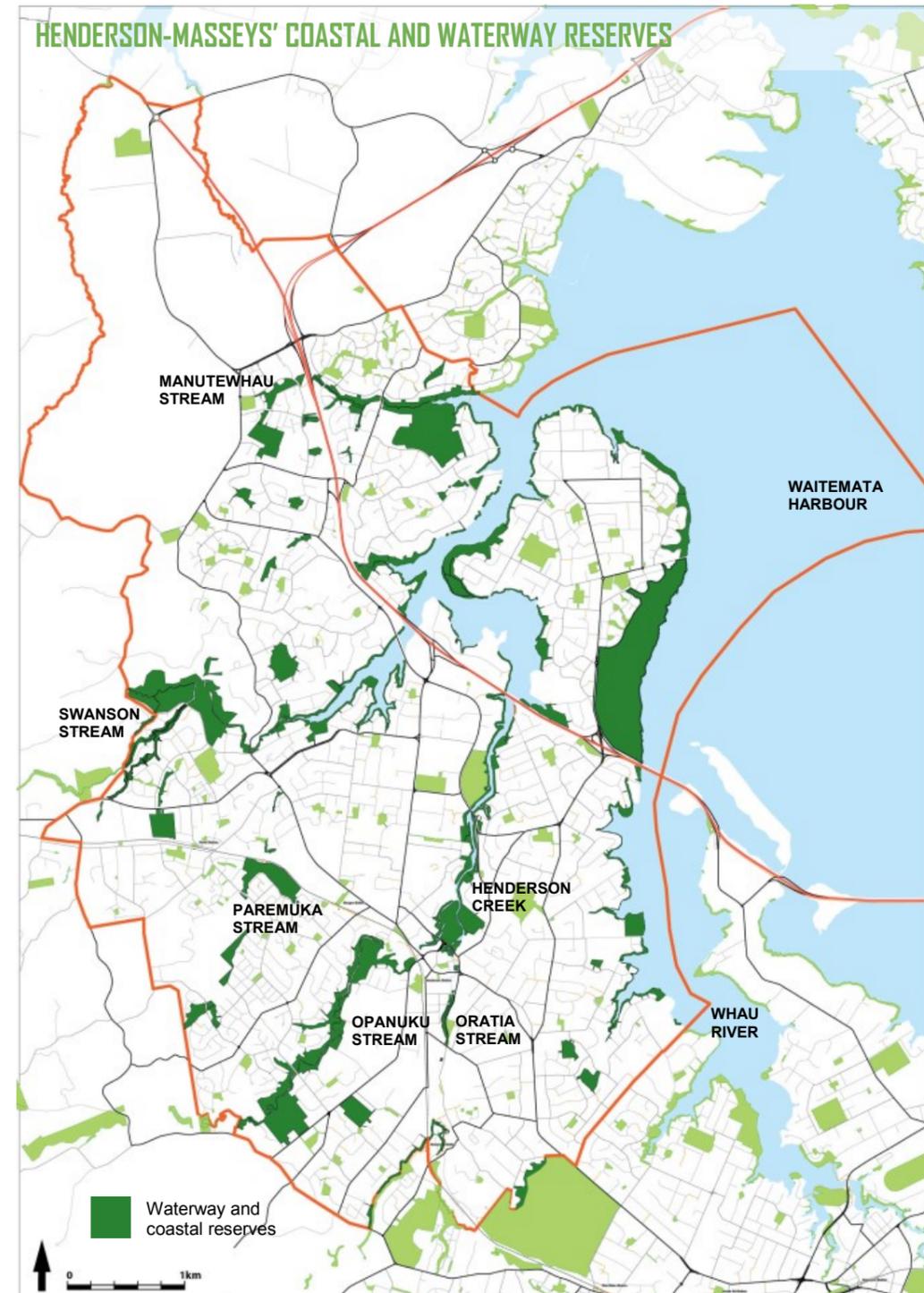
### WATER QUALITY

The water quality of the Henderson-Massey's waterways affects the quality and health of the coastal and marine environments of the Waitemata Harbour, Motu Manawa (Pollen Island) Marine Reserve and Hauraki Gulf. The State of Auckland environmental quality monitoring programme reported:

- A decline in the environmental quality of Henderson-Massey's freshwater from a C-grade in 2012 to a D-grade in 2013. The indicators of habitat quality and biodiversity were particularly low.
- The quality of the Central Waitemata Harbour received a D-grade with water quality being ranked 'fair' at Henderson and 'poor' at Whau River/Pollen Island. Issues in the harbour reflect many decades of human impact, including sedimentation and contamination from the urban area.
- Terrestrial biodiversity received a D-grade, reflecting the high proportion of land cover being food production, urban or industrial use relative to indigenous vegetation.
- Harbourview-Orangihina Reserve is a key biodiversity site for Upper Waitemata Area, with a variety of habitats present and the significant size, quality and floristic diversity of the saltmarsh.

### RESILIENCE TO THE EFFECTS OF URBAN INTENSIFICATION AND CLIMATE CHANGE

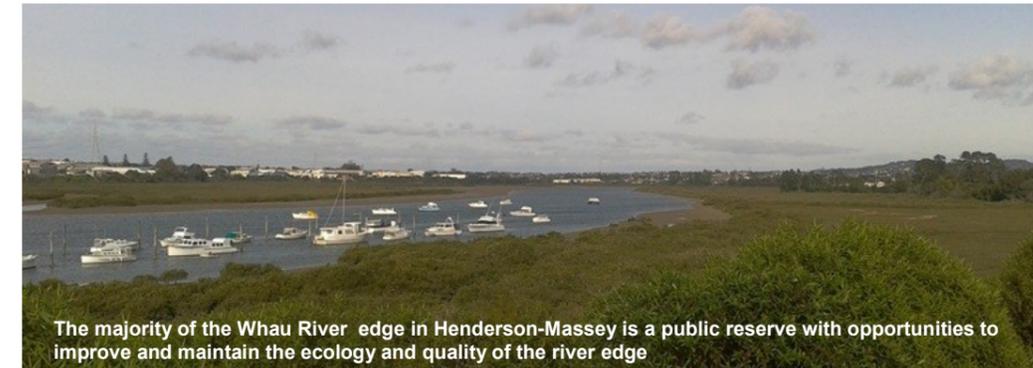
Restoration, maintenance and enhancement of these special environments and values contributes to improved environmental quality. Good management of open space along the coast and waterways increases resilience to the potential impact of climate change such as rises in sea level and changes in weather patterns. Open spaces along the coast and waterways can contribute to minimising the effects of urbanisation such as degraded fresh water quality and increased run-off from impervious surfaces. The effects of intensification on environmental quality can be managed through good urban design objectives such as onsite management of stormwater to reduce loading waterways.



The esplanade reserves along the Opanuku Stream provide a natural edge to Henderson Town Centre



The jetty at Taipari Strand gives people access to the tidal reaches of the Henderson Creek



The majority of the Whau River edge in Henderson-Massey is a public reserve with opportunities to improve and maintain the ecology and quality of the river edge

## MANUTEWHAU, SWANSON, MOMUTU AND PAREMUKA STREAMS

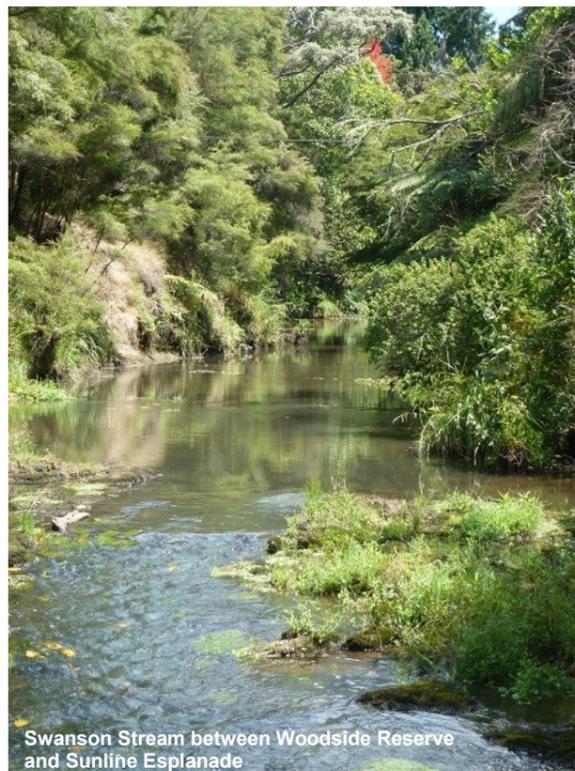
There are riparian reserves located along the Manutewhau, Swanson, Momutu and Paremuka streams, many of which are ecologically significant, provide freshwater habitats and contribute to the North-West Wildlink corridor. Good management of the riparian areas assists with erosion control and supports healthy streams. There are some gaps in the reserve corridor along Paremuka Stream which could be improved by acquiring reserves or working with land owners.

Community volunteers help manage the waterways by removing rubbish from the streams and revegetating their banks. To improve the ecology of the streams, further work could be undertaken on:

- Identifying, prioritising and resourcing restoration and pest control projects along the streams
- Engaging and supporting local community groups involved in stream restoration projects.

## MASSEY NORTH

There is a lack of identified natural and cultural values in the northern part of Henderson-Massey. Identifying natural and cultural values and planning how open space can ensure these are protected, managed and enhanced should be a priority for this area



Swanson Stream between Woodside Reserve and Sunline Esplanade

## HENDERSON CREEK & TIDAL ESTUARY

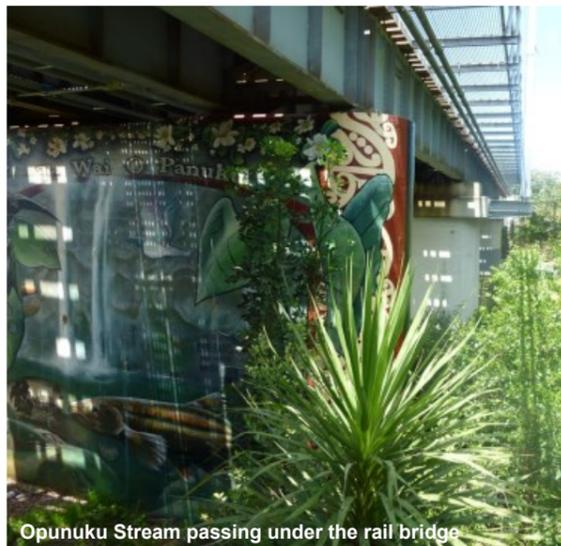
Project Twin Streams is an exemplar for stream improvement in Auckland. By supporting community groups, completing projects along the waterways and maintaining the parks and waterways, we will continue to improve the water quality, contribute to the North-West Wildlink and support educational initiatives.

There is a cluster of heritage features around the confluences of the stream which represent the cultural values and history of the area. These could be better promoted as contributing to local identity and pride.

The Henderson Creek tidal estuary is the intertidal area between the Waitemata Harbour and the freshwater tributaries of Henderson Creek, Swanson, and Paremuka and Manutewhau streams. It extends along the coastline of Massey and West Harbour and to the northern tip of Te Atatu Peninsula. It is an extensive, productive and ecologically healthy environment containing saltmarsh, mangroves, shellbanks, and estuarine and harbour intertidal banks. These provide a complex habitat for a variety of animal and plant communities.

Esplanade reserves form corridors along the majority of the area, providing opportunities to buffer, protect and enhance environmental quality. There are some gaps in the esplanade reserve corridor. These provide opportunities for future acquisition or partnerships with land owners and businesses to manage ecological values.

Henderson Creek was settled by mana whenua and by European settlers. It was a hive of activity for traders, vintners, farmers and orchardists. There are several cultural heritage sites around the estuary, ranging from remnants of early European industry, middens and a place of value to mana whenua at the mouth of the estuary. These sites require management and provide opportunities to recognise the cultural values and history of the area.



Opunuku Stream passing under the rail bridge

## EASTERN TE ATATU PENINSULA

This coastal area is part of a larger area of high ecological value that extends south-east from the mouth of the Whau River. It includes the nationally important Motu Manawa Marine Reserve, which contains intertidal mudflats, tidal channels, mangrove swamp, saltmarsh, shellbanks and the biodiversity hotspots of Pollen Island/Traherne Island.

The coastline contains extensive high-tidal sandflats, healthy mangroves, a prominent shell bank with a healthy sedge, rush and glasswort saltmarsh on the shoreline. The intertidal area is a major wading bird feeding ground.

There are two Coastal Natural Character Areas that require protection. One of them is Harbourview-Orangihina whose Pleistocene terraces are also identified as an Outstanding Natural Feature in the Proposed Unitary Plan.

Harbourview-Orangihina has high ecological value as the largest saltmarsh in the north-western portion of the Tāmaki Ecological District. It provides habitat for fernbird, wrybills and banded rail. There are international migratory wading birds such as dotterels, pied oystercatchers and royal spoonbills that feed on the surrounding mudflats adjoining the reserve boundary.

Good management of the coastal reserves of the eastern Te Atatu Peninsula and promotion of this unique environment is likely to enhance the natural values, and create an important open space for people to enjoy and contribute to. Forest and Bird have a restoration programme at Harbourview-Orangihina but further opportunities should be explored.

Clusters of cultural heritage sites are located along the length of this coastline, many of which are in public open space, providing opportunities for a heritage trail.



The beach at Kelvin Strand, Te Atatu Peninsula, on the Waitemata Harbour

## WHAU RIVER AND ITS TRIBUTARIES

The coastal vegetation along the Whau River provides important habitat for threatened coastal birds. There are extensive feeding grounds on the mudflats around the adjoining terrestrial and reserve areas at low tide.

Much of the Whau River riverbank in Henderson-Massey is esplanade reserve, in the suburbs of Te Atatu South and Glendene. Only a small portion of the esplanade has been identified as having ecological significance. There is strong community interest in improving the current state of the Whau River through restoration projects.

Current community initiatives include the Riparian Whau River Restoration Project at McLeod Park (Te Atatu South) and an ecological restoration project at Glendene Stream in Hepburn Park. The neighbouring Local Boards of Whau, Puketepapa and Waitakere Ranges also administer parts of the Whau catchment, creating potential for collaborative projects to improve the quality of the Whau River environment.



A view of the Whau River from Covil Park, Te Atatu South

# SECTION 3 ACTIONS AND PRIORITISATION

## PRIORITISATION PRINCIPLES

The key purpose of this open space network plan is to prioritise identified projects. Prioritisation provides direction for when planning and implementing of park developments and improvements should occur in relation to other projects.

The following list of principles have been used for prioritising actions:

- Amount of growth, timing of growth and proximity to growth areas
- Strategic sequencing of actions
- Cost/benefit of individual actions
- Existing capital works programme and contractual commitments
- Areas of deficiency and/or poor quality open space prioritised over areas of good provision and/or good quality open space
- Planning and funding cycles
- Alternative options for similar benefits
- Planning and funding cycles
- Project planning timeframes
- Other influences on timeframes such as land acquisition, large infrastructure projects, integrated planning with neighbouring local boards and other stakeholders such as environmental services and stormwater.

## PRIORITISED ACTIONS

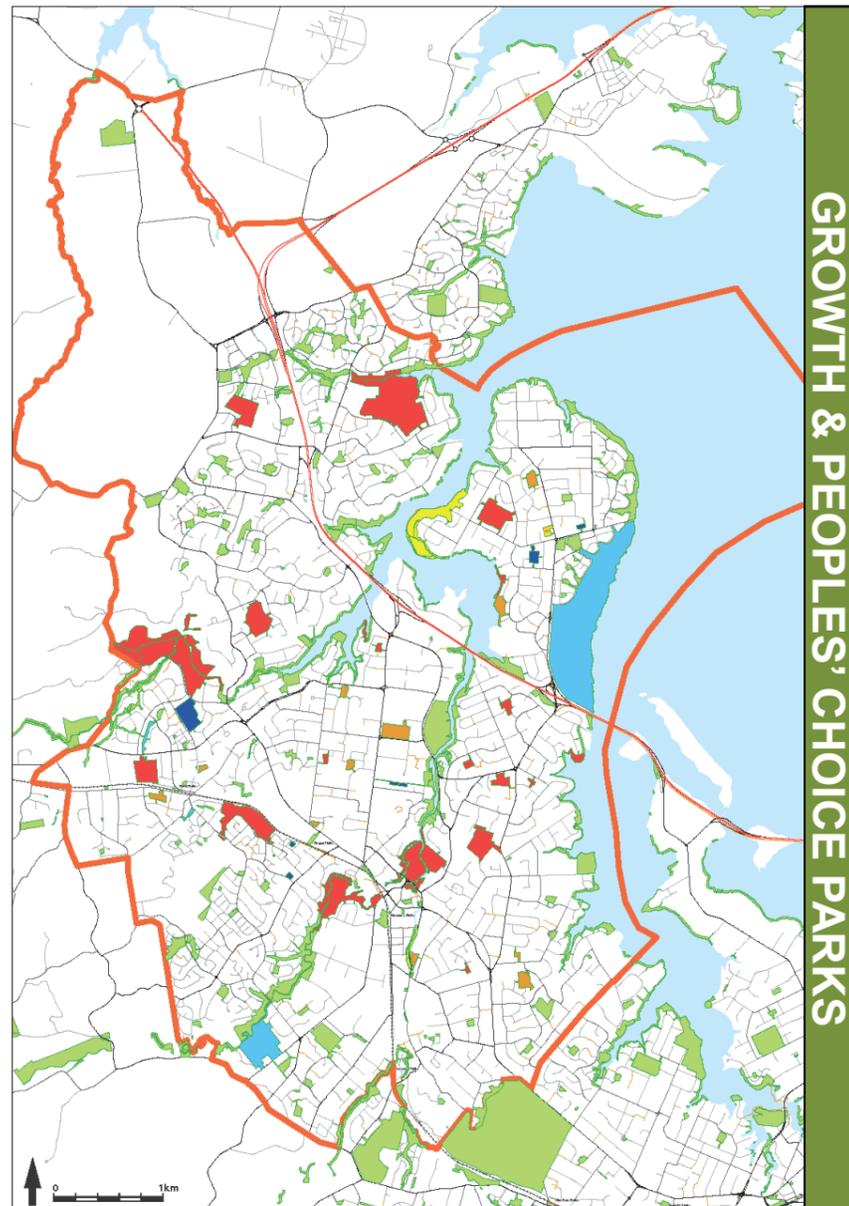
Each of the action's identified in the analysis has been prioritised using prioritisation principles. The parks where the prioritised actions are located have been mapped to show the distribution of priorities across the Henderson-Massey area. The highest priority projects are listed below each of the maps.

- High priority
- Medium-high priority
- Medium priority
- Medium-low priority
- Low priority
- No action identified

## TIMEFRAMES

There are many factors that influence the actual timing of project implementation. The following table shows indicative timeframes for a medium scale project that includes feasibility, concept and implementation phases.

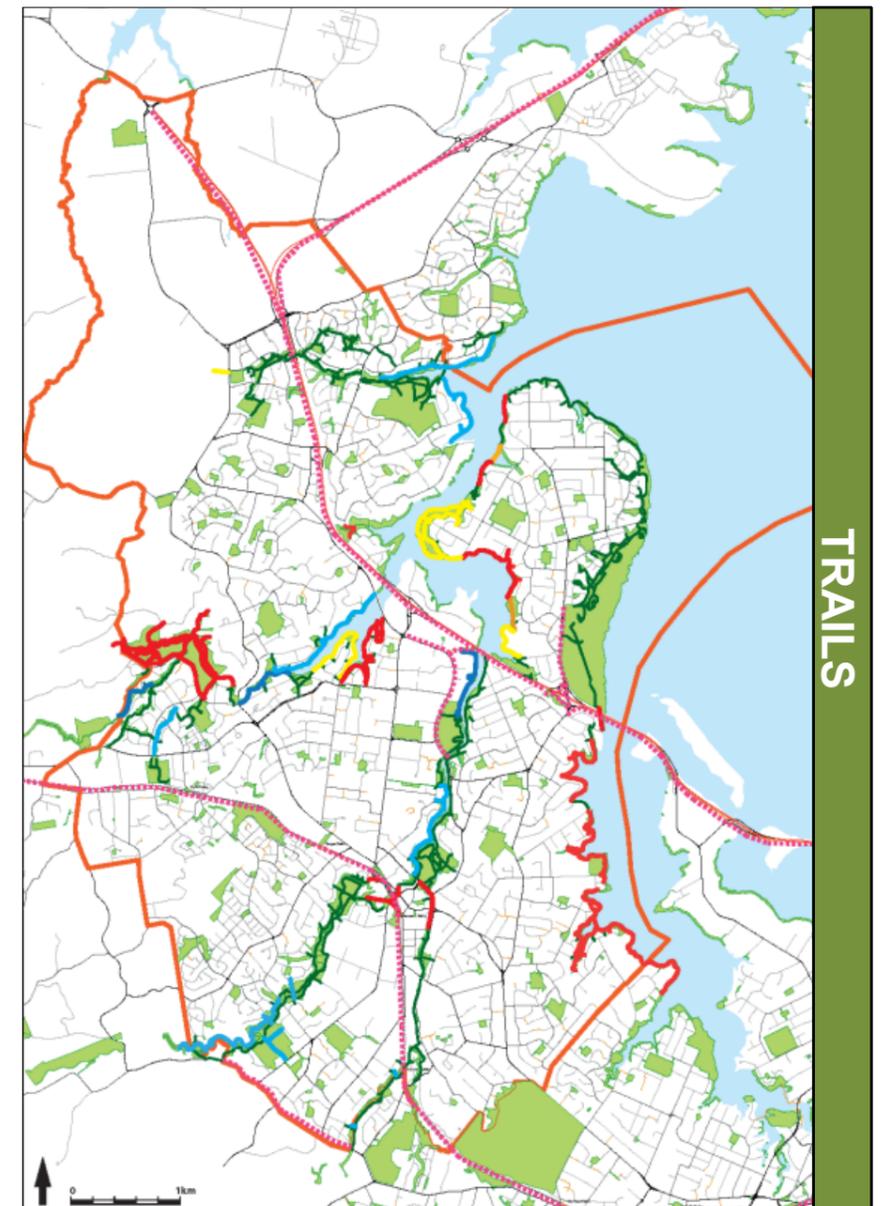
	Priority				
	High	Medium-High	Medium	Medium-Low	Low
Year 1					
Year 2					
Year 3					
Year 4					
Year 5					
Year 6					
Year 7					
Year 8					
Year 9					
Year 10+					



## HIGH PRIORITY GROWTH ACTIONS & PEOPLES' CHOICE PARK ACTIONS

The high priority actions to provide for our growing population, and create vibrant and multifunctional large parks are:

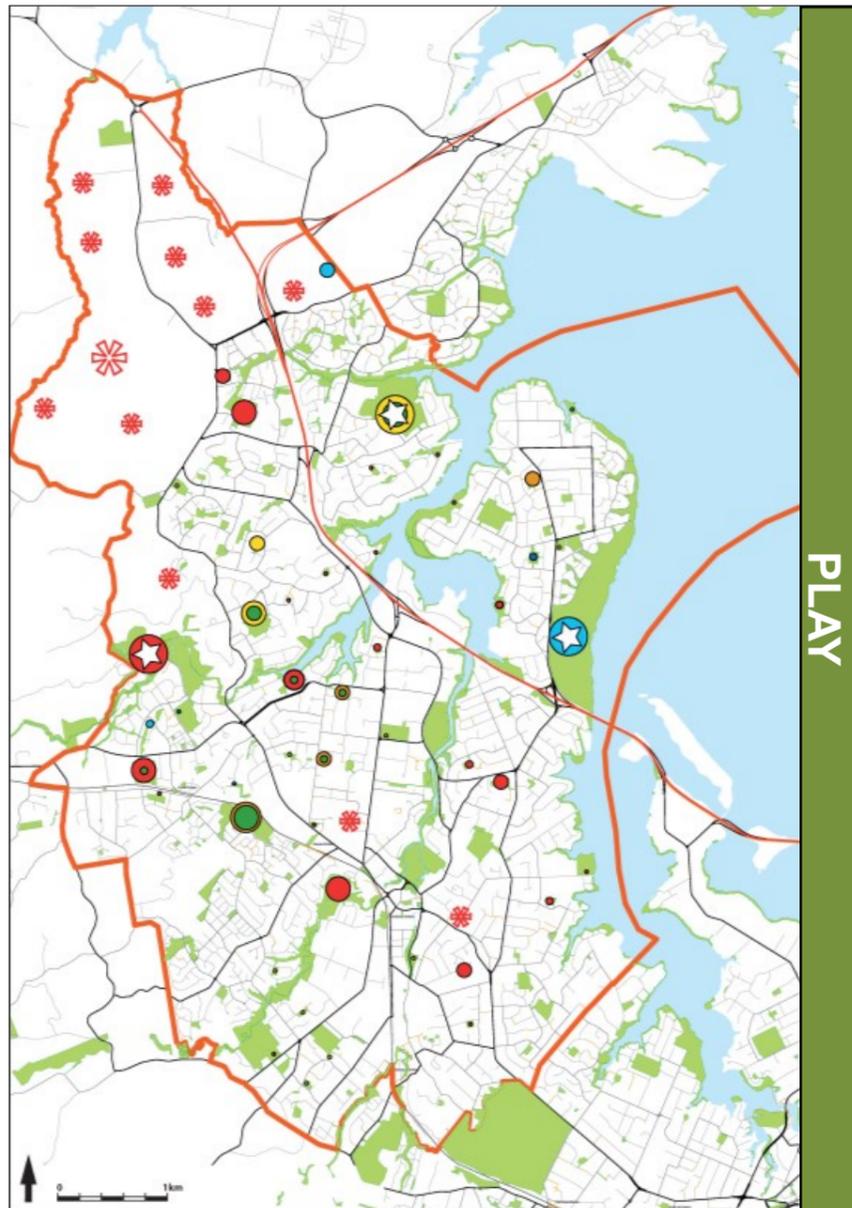
- Lloyd Morgan Lions Club Park
- Marlene Glade
- Vodanovich Reserve
- Wakeling Park
- Covil Park
- Te Atatu South Park
- Lavelle Reserve
- Henderson Town Centre
- Henderson Park; Opanuku Reserve; Vintage Reserve; Corban Estate Esplanade
- Cranwell Park, Tui Glen Reserve, Tui Glen Esplanade, Cranwell Esplanade, Falls Park and Pioneer Park
- Daytona Reserve
- Daytona Strand
- Glen Norman Reserve
- Royal Reserve and Rush Creek Reserve
- Te Rangī Hiroa/Birdwood
- Ranui Domain
- New parks in Glendene, Henderson, Birdwood and Redhills



## HIGH PRIORITY TRAILS ACTIONS

The high priority projects to create a connected trail and greenways network are:

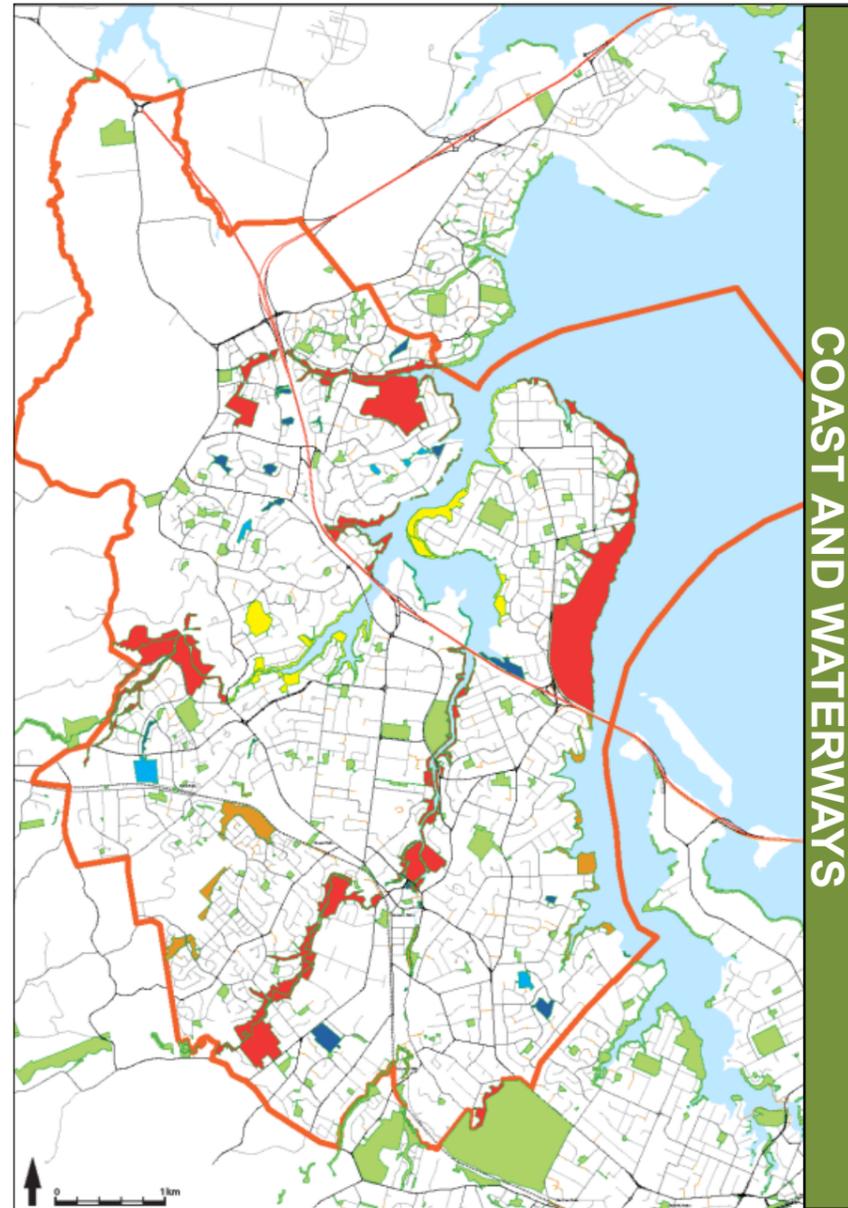
- Upgrade the Springbank Esplanade walkway
- Construct the Chapman Strand walkway
- Construct the Hughes Esplanade walkway and Renata Esplanade walkway
- Advocate for the Harbourview-Orangihina to Bridge Ave Reserve connection
- Design and implement the Whau River Walkway
- Design and implement Daytona Strand/ Penfold Esplanade walkway
- Design and implement the Henderson Park, Opanuku Reserve, Vintage Reserve and Corban Estate Esplanade connections
- Design and implement the Cranwell Park, Tui Glen Reserve, Tui Glen Esplanade, Cranwell Esplanade and Falls Park connections
- Advocate for the rail corridor cycleway, Northwest Cycleway and Project Twin Streams linkages (Henderson Town Centre and Henderson Valley); and cycleway connection between Pines Avenue and Parris Road
- Sign and promote the Manutewhau Walkway
- Implement Te Rangī Hiroa/Birdwood walkways
- Improve walkway lighting at Lowtherhurst Reserve



### HIGH PRIORITY PLAY ACTIONS

The high priority projects to make places for everyone to play are:

- Lloyd Morgan Lions Club Park
- Vodanovich Reserve
- Divich Reserve
- Gloria Park
- Henderson Park
- Daytona Reserve
- Riverpark Reserve
- Royal Reserve
- Te Rangi Hiroa/Birdwood
- Ranui Domain
- Massey Leisure Centre
- Lavelle Reserve (improve park configuration first)
- Glen Norman (improve park configuration first)
- Playgrounds in new parks when are acquired at Glendene, Henderson, Birdwood and Redhills



### HIGH PRIORITY COAST AND WATERWAYS ACTIONS

The high priority projects to enhance our coastline and waterways are:

- Dawn Haven Reserve; Spinnaker Strand; Waimanu Bay Reserve; Harbourview-Orangihina; Kelvin Strand
- Chilcott Brae; Coletta Esplanade; Sherwood Park; Flanshaw Esplanade Reserve
- Sunhill Scenic Reserve; Opanuku Stream Reserve; Plumer Domain; Border Road Esplanade; Henderson Valley Green; Cranwell Park, Tui Glen Reserve, Tui Glen Esplanade, Cranwell Esplanade; Falls Park; Epping Esplanade; Shona Esplanade Reserve; Henderson Valley Park; Palomino Esplanade; Henderson Creek Esplanade
- Henderson Park; Corban Estate Esplanade; Opanuku Reserve; and Vintage Reserve.
- Royal Reserve; Rush Creek Reserve; Birdwood Park and Don Buck Corner Reserve; Momotu Stream Reserve; Te Rangi Hiroa/ Birdwood; Ulrich Esplanade Reserve
- Colwill Esplanade; Katrina Esplanade; Manutewhau Walk; Manutewhau Reserve; Lowtherhurst Reserve; Taitapu Park; Moire Park

## HENDERSON-MASSEY WIDE ACTIONS

The majority of the park actions apply to individual parks. There are some actions, however, that apply to the wider Henderson-Massey parks network. These Henderson-Massey wide actions are listed in the following table:

HENDERSON-MASSEY WIDE ACTIONS			
ACTION	OUTCOME	RESOURCE	PRIORITY
Complete a coastal hazard and risk assessment which includes advice for current and future management of coastal hazards and risks affecting reserves in coastal areas.	Coast and Waterways		
Complete a waterways hazard and risk assessment which includes advice for current and future management of waterway hazards and risks affecting reserves along waterways. Values for the assessment include but are not limited to water quality, stream bank stability, asset management, heritage sites, recreation and biodiversity.	Coast and Waterways		
Complete a coastal structure condition assessment which includes advice on coastal asset management and development in reserves along the coastline.	Coast and Waterways		
Continue to provide support to community groups that are working environmental improvement initiatives.	Coast and Waterways		
Continue to implement the Sports Field Capacity Programme.	Play		

TE ATATU PENINSULA			
PARK NAME	ACTION	OUTCOME	PRIORITY
Dawn Haven Esplanade	Continue ecological restoration.	Coast and Waterways	High priority
Spinnaker Strand and Waimanu Bay Reserve	Maintain ecological restoration areas.	Coast and Waterways	High priority
Springbank Esplanade	Implement concept plans for upgrading the walkway along the esplanade and the existing connections to the street network and with Gloria Park, including developing a safe connection with Gloria Park.	Trails & Growth	High priority
	Continue to implement the ecological restoration plan.	Coast and Waterways	Medium priority
Chapman Strand	Design and implement walkway section on Chapman Strand linking existing walkway with Tawa Road (includes resolving encroachment issues).	Trails	High priority
	Prepare and implement ecological restoration plan.	Coast and Waterways	Medium priority
Hughes Esplanade	Design and implement walkway along the esplanade and access points.	Trails	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium priority
Renata Esplanade	Implement walkway linking Renata Esplanade with existing Taipari Strand boardwalk.	Trails	High priority
	Implement boardwalk linking Tawa Esplanade and Renata Esplanade.	Trails	Medium-high priority
	Prepare and implement ecological restoration plan.	Coast and Waterways	Medium priority
Tawa Esplanade	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium priority
Gloria Park	Develop and implement concept plans for a walkway connection along the coastal edge from Springbank Esplanade to Rutherford College as part of the coastal walkway initiative.	Trails & Growth	Medium-high priority
	Investigate a walkway connection through Rutherford High School to Jack Colvin Park.	Trails	Medium priority
	Design and implement a small sized playground.	Play	Medium-high priority
	Investigate, design and implement basketball half court in carpark.	Play	High priority
Te Atatu Peninsula Park	Continue ecological restoration.	Coast and Waterways	Medium-high priority
	Acquire properties to improve the park's street frontage on Neil Avenue, Taikata Road and Matipo Road.	Growth	High priority
	Design and implement entranceway improvements for pedestrians and cyclists at the Holman Road entrance, the Neil Avenue entrance and Matipo Road entrance.	Growth	Medium-high priority
Kaumatua Reserve	Improve seating and landscaping along the path to Kaumatua Village.	Growth	Medium-high priority
	Develop and implement a concept plan that will resolve access issues and pedestrian connections into the park from Te Atatu Road, including from the reserve's carpark.	Growth	Medium priority
Taipari Strand	Implement a development plan that will: <ul style="list-style-type: none"> <li>Improve informal active recreation opportunities, such as a perimeter fitness circuit</li> <li>Provide opportunities to connect with nature and learn about the natural environment, such as a coastal boardwalk with bird watching opportunities</li> <li>Provide social opportunities such as picnic/barbecue facilities</li> <li>Upgrade walkways</li> <li>Improve connections to the local street network.</li> </ul>	Peoples' Choice Parks	Medium priority
	Add barbecues and additional seating/tables near the playground area.	Play	High priority
	Upgrade paths as per concept plan.	Trails	Medium priority
	Continue ecological restoration.	Coast and Waterways	Medium priority

**PRIORITISATION OF ACTIONS**

- High priority
- Medium-high priority
- Medium priority
- Medium-low priority
- Low priority





TRAILS



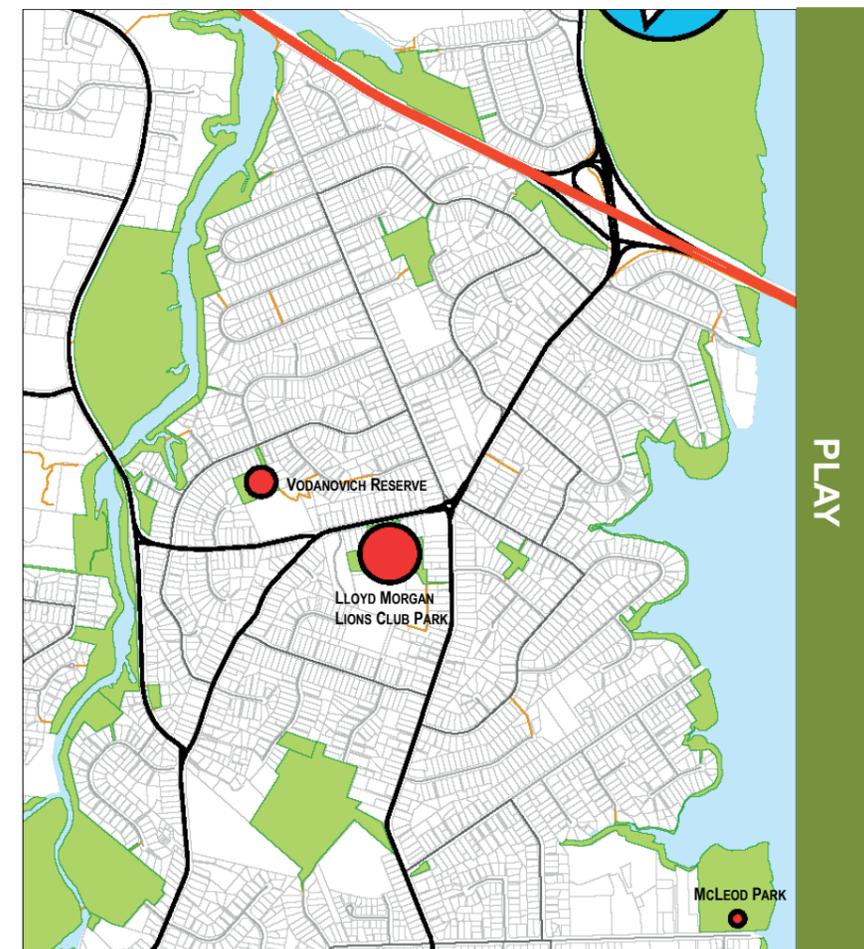
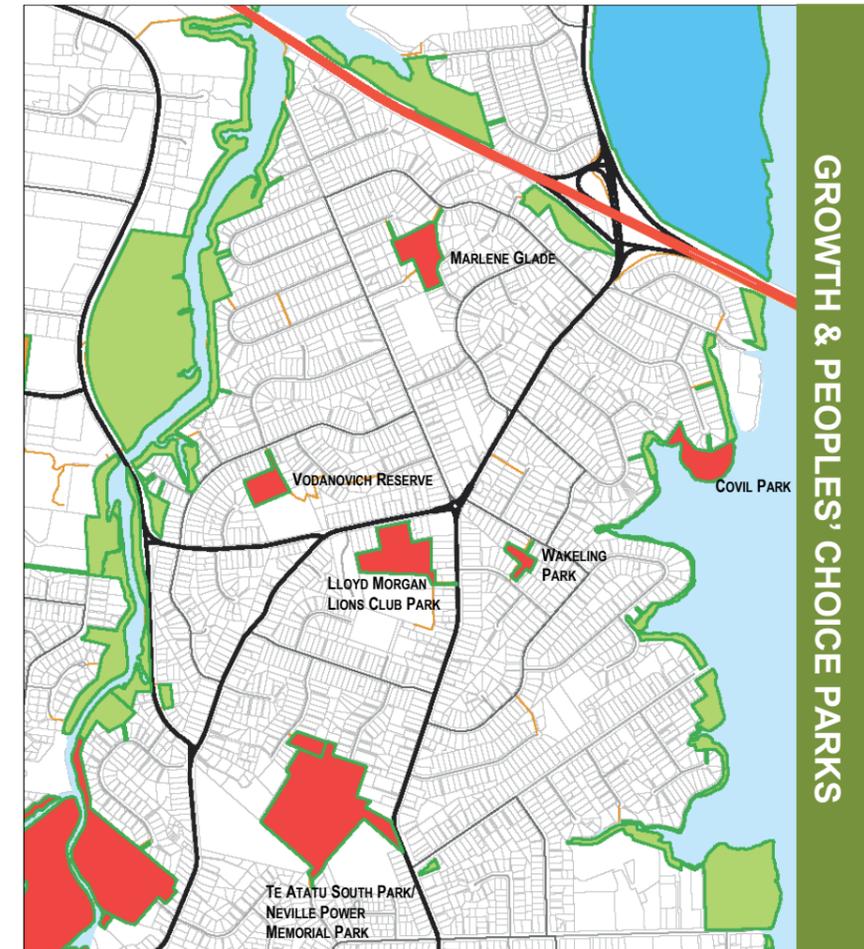
COAST AND WATERWAYS

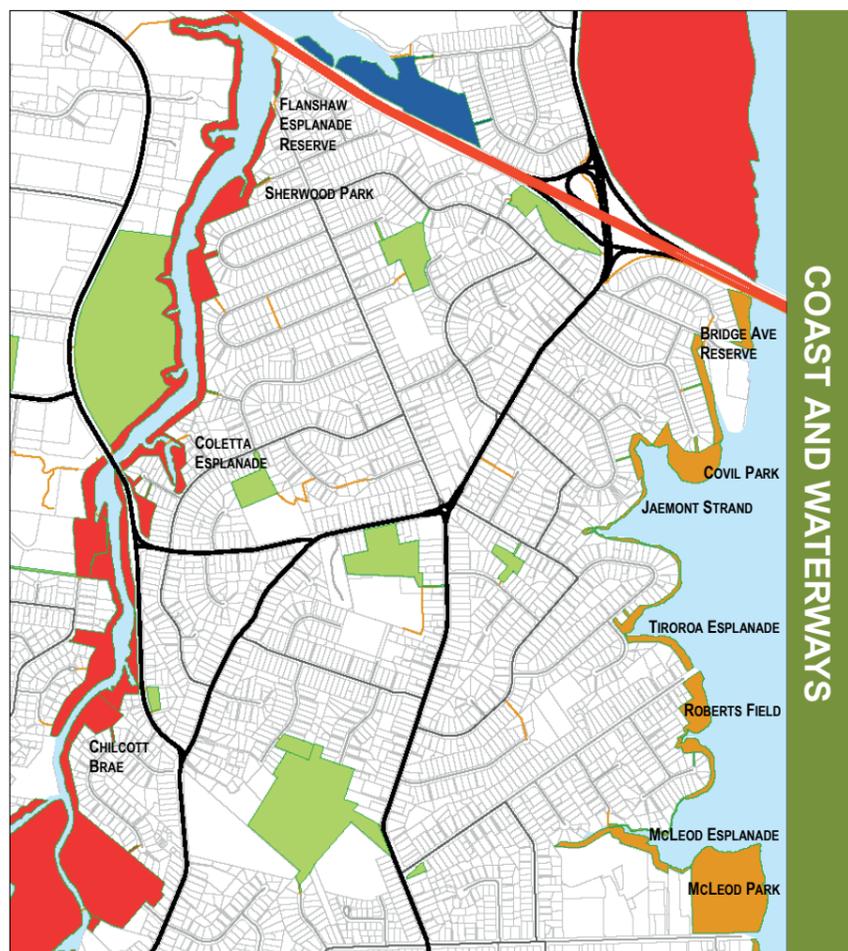
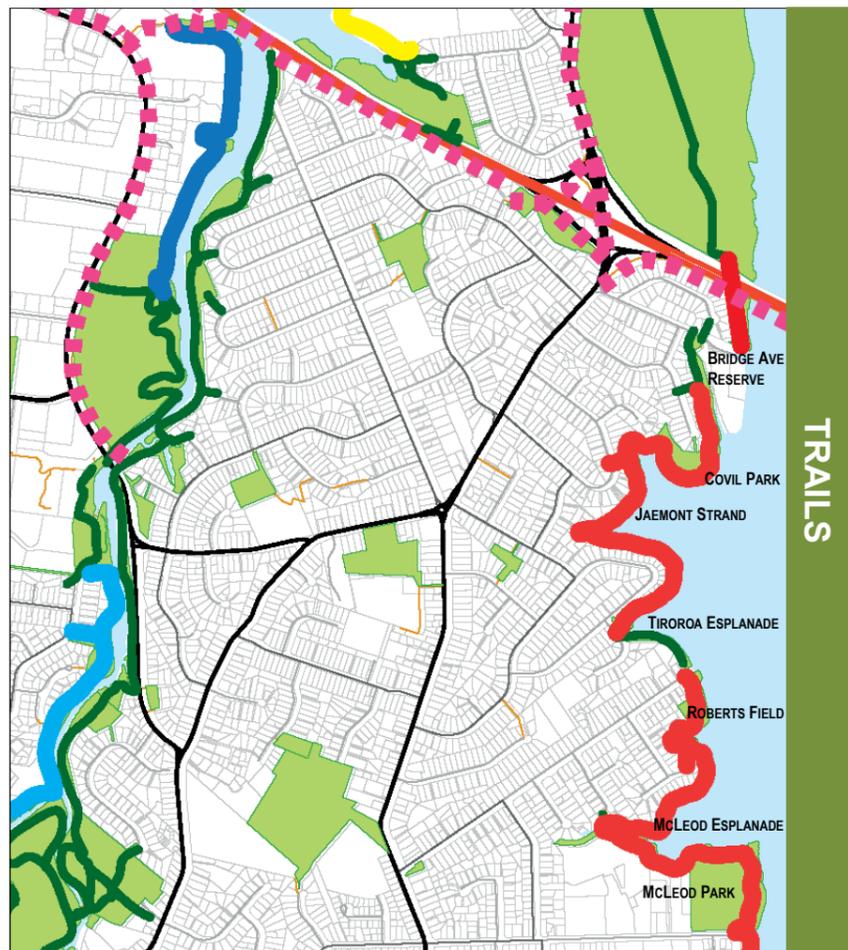
PARK NAME	ACTION	OUTCOME	PRIORITY
Kervil Park	Develop and implement a concept plan that will increase active recreation and play opportunities.	Growth	High
	Acquire properties to increase the street frontage of the park from Te Atatu Road.		High
	Design and implement a medium sized playground.		High
Jack Pringle Village Green	Add barbecues near the playground area.	Play	High
Harbourview - Orangihina	Continue to implement the ecological restoration plan.	Coast and Waterways	High
	Review/develop and implement a concept plan that will: <ul style="list-style-type: none"> <li>Enhance natural and cultural values</li> <li>Provide opportunities to connect with nature and learn about natural and cultural aspects of the reserve</li> <li>Provide for informal active recreation, play opportunities and passive recreation opportunities</li> <li>Provide opportunities for low impact community events</li> <li>Create connections with Te Atatu Peninsula Town Centre, the surrounding residential areas, Te Atatu Peninsula Coastal Walkway, the Northwest Cycleway and the Whau River Walkway.</li> </ul>	Coast and Waterways & Growth & Peoples' Choice Parks & Trails	High
	Design and implement a destination playground, including special attractions.	Play	High
Kelvin Strand	Continue ecological restoration.	Coast and Waterways	High
	Add seating at playground.	Play	High
Jack Colvin Park	Continue ecological restoration.	Coast and Waterways	High
Ramlea Park	Develop and implement a concept plan that will improve opportunities for passive recreation and play.	Growth	High
	Acquire properties to create a wider, more prominent and safer entrance to the park from Peachgrove Road.		High
	Design and implement a small sized playground.		Play
Roby Reserve	Improve pedestrian/cycle access from Harbourview Road and from Hereford Street.	Growth	High

TE ATATU SOUTH			
PARK NAME	ACTION	OUTCOME	PRIORITY
Lloyd Morgan Lions Club Park	Develop and implement a concept plan (including the reserve areas used for community facilities and car parking) that will improve pedestrian and visual connections from Edmonton Road, provide a medium sized playground and passive recreation opportunities.	Growth & Play	High priority
	Consider opportunities to improve access from Te Atatu Road, including acquiring properties to create a wider, safer and more prominent entrance to the park.		High priority
Marlene Glade	Acquire properties to create wider, more prominent and safe entrances to the park from Cole Place and Royal View Road.	Growth	High priority
	Investigate installing exercise equipment in Marlene Glade or Sherwood Park.		High priority
Vodanovich Reserve	Develop and implement a concept plan that will provide play, passive recreation, active recreation opportunities and entranceways.	Growth	High priority
	Acquire properties to widen the street frontage and improve the visibility of the reserve from Vodanovich Road.		High priority
	Investigate formalising the connection from Vodanovich Reserve to McKenzie Street to through Edmonton Primary School.		High priority
	Design and implement a small sized playground.	Play	High priority
Wakeling Park	Acquire properties to create a larger park with better street frontage.	Growth	High priority
	Provide seating to improve passive recreation.		High priority
Chilcott Brae, Coletta Esplanade, Sherwood Park and Flanshaw Esplanade Reserve	Continue ecological restoration.	Coast and Waterways	High priority
Bridge Ave Reserve	Advocate for walk/cycleway or boardwalk underpass of the motorway to connect with Harbourview-Orangihina.	Trails & Growth & Peoples' Choice Parks	High priority
	Investigate and design a pathway across Bridge Avenue Reserve to the north of Bridge Avenue; resolve encroachment issues; and implement walkway.		High priority
	Design and implement a walkway extension from the existing pathway to Covil Park.		High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium priority
Covil Park	Develop and implement a concept plan that will: <ul style="list-style-type: none"> <li>Improve configuration of entranceway into the park, including reduction of carpark footprint</li> <li>Provide opportunities to enjoy and learn about the natural environment</li> <li>Provide opportunities for passive recreation and socialising</li> </ul>	Growth	High priority
	Design and implement a walkway with opportunities to enjoy views along the Whau River.	Trails	High priority
	Continue ecological restoration.	Coast and Waterways	Medium priority
Te Atatu South Park/ Neville Power Memorial Park	Develop and implement a concept plan that will: <ul style="list-style-type: none"> <li>Improve passive recreation opportunities, such as a walkway and seating through the western gully where amenity trees have been planted</li> <li>Provide informal active recreation opportunities such as a perimeter path and a fitness circuit</li> <li>Provide social opportunities such as picnic/ barbeque facilities</li> <li>Improve the Sheehan Road entrance for pedestrians and cyclists</li> </ul>	Peoples' Choice Parks & Growth	High priority
	Ensure new connections are established between Edmonton Road and Te Atatu South Park as new residential development occurs.		High priority

**PRIORITISATION OF ACTIONS**

- High priority
- Medium-high priority
- Medium priority
- Medium-low priority
- Low priority





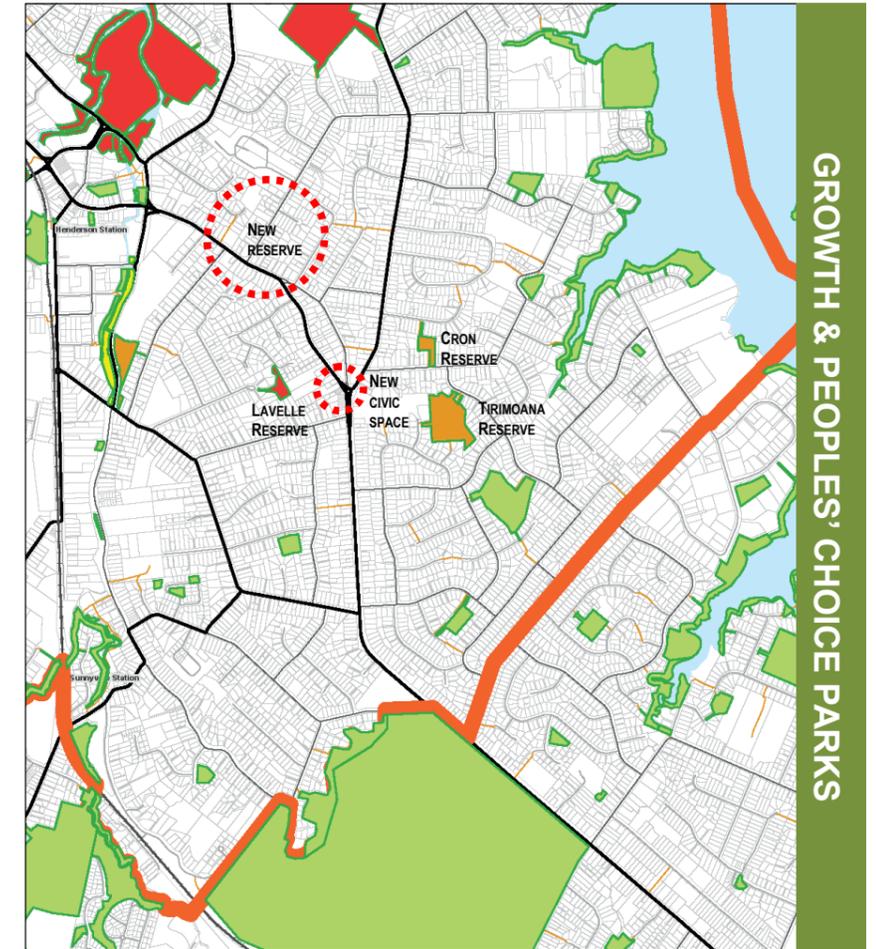
PARK NAME	ACTION	OUTCOME	PRIORITY
Jaemont Strand	Investigate and design walkway/boardwalk options; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
McLeod Esplanade	Investigate and design walkway/boardwalk options; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
Roberts Field	Investigate and design walkway/boardwalk options; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
Tiroroa Esplanade	Upgrade path between Wairata Place and Roberts Road.	Trails	High
	Investigate and design walkway/boardwalk options; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High
McLeod Park	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
	Design and implement a walkway linking McLeod Esplanade with McLeod Road.	Trails	High
	Add seating to the playground area.	Play	High
	Maintain ecological restoration areas.	Coast and Waterways	Medium

## GLENDENE & SUNNYVALE

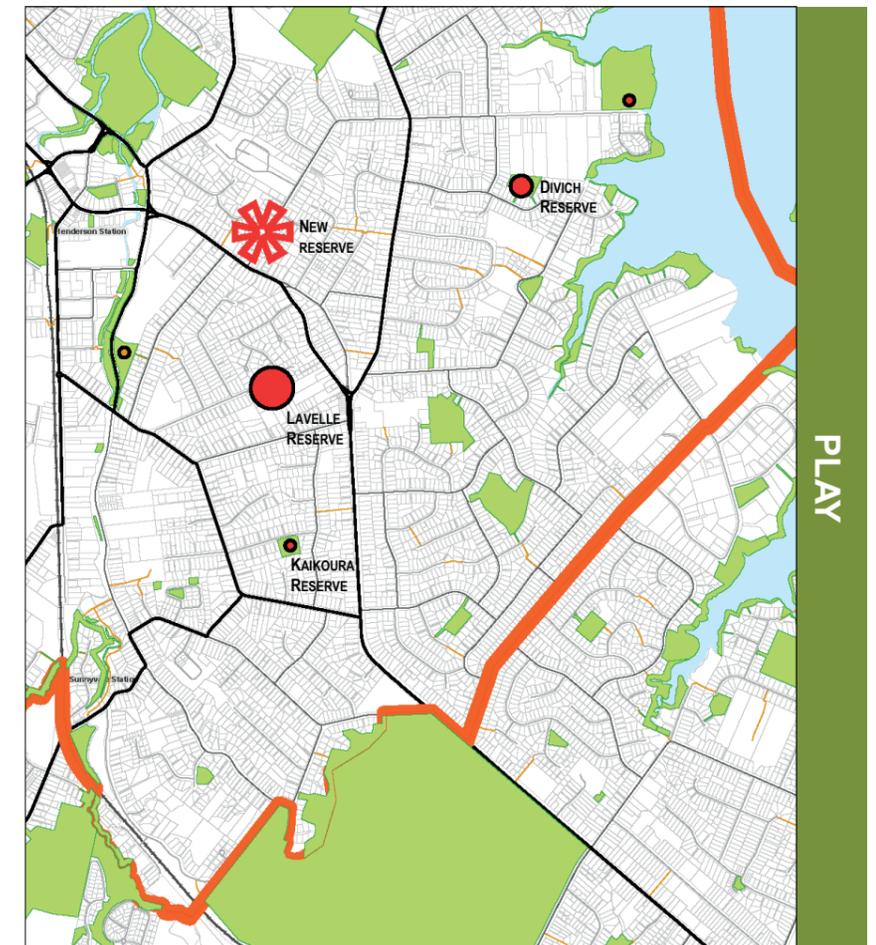
PARK NAME	ACTION	OUTCOME	PRIORITY
Lavelle Reserve	Acquire properties to increase size and versatility of the park.	Growth & Play	High priority
	Design and implement a medium sized playground once park has been enlarged.		
New reserve	Acquire a new neighbourhood park on the northern edge of the medium density area or on the northern side of Great North Road.	Growth & Play	High priority
	Design and implement a playground once park has been acquired.		
New civic space	Acquire a civic space in Glendene's town centre and upgrade the streetscape.	Growth	High priority
Sunhill Scenic Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	High priority
Divich Reserve	Design and implement a small sized playground.	Play	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-low priority
Kaikoura Reserve	Add seating near the playground area.	Play	High priority
Cron Reserve	Develop and implement a concept plan to improve access, safety and passive recreation.	Growth	Medium-high priority
	Acquire properties to improve access from Cron Avenue.		
Tirimoana Reserve	Develop and implement a concept plan to improve access, opportunities for passive and informal active recreation, social gatherings and play.	Growth	Medium-high priority
	Continue ecological restoration.	Coast and Waterways	Medium-low priority
Laurieston Park	Design a walkway through the reserve; resolve encroachment issues; and implement the walkway.	Trails	High priority
	Continue ecological restoration.	Coast and Waterways	Medium-high priority
Marsh Esplanade; Riverglade Esplanade	Investigate and design walkway/boardwalk options; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-high priority
Meadow Glade	Investigate and design walkway/ boardwalk options including footbridge over wastewater pipe; resolve encroachment issues; and implement preferred walkway/boardwalk option.	Trails	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-high priority
Hepburn Esplanade Reserve	Acquire esplanade to the north and south of Hepburn Esplanade Reserve.	Trails	High priority
	Design and implement a walkway/boardwalk from Laurieston Park to Harbour Reserve once esplanade has been acquired.		
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-low priority
New esplanade reserve	Acquire esplanade to the north and south of Hepburn Esplanade Reserve.	Trails	High priority
	Design and implement walkway from Laurieston Park to Harbour Reserve once esplanade has been acquired.		
Valron Esplanade	Investigate and design walkway/ boardwalk options; resolve encroachment issues; implement preferred walkway/boardwalk option.	Trails	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-high priority
Millbrook Esplanade; Millbrook Road Reserve; Serwayne Walk	Continue ecological restoration.	Coast and Waterways	Medium-high priority
Glendene Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-low priority
Railside Esplanade Reserve	Continue ecological restoration.	Coast and Waterways	Low priority

### PRIORITISATION OF ACTIONS

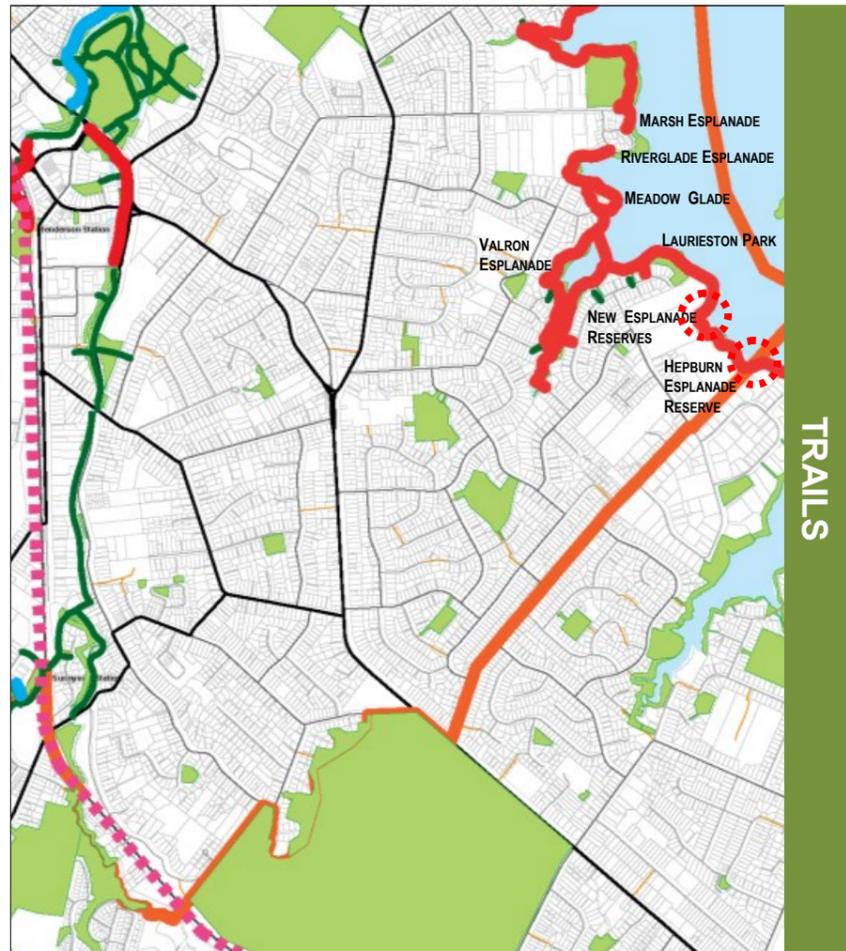
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- Low priority



GROWTH & PEOPLES' CHOICE PARKS



PLAY



TRAILS



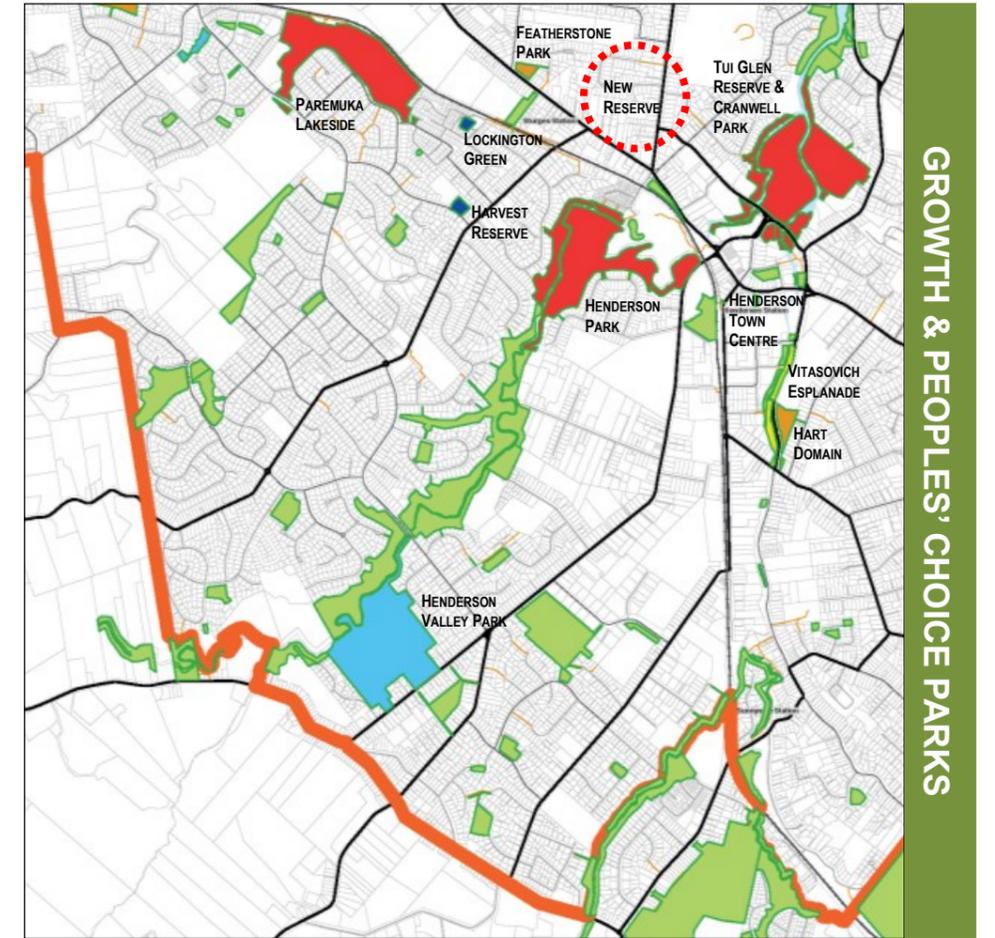
COAST AND WATERWAYS

## HENDERSON, WESTERN HEIGHTS & MCLAREN PARK

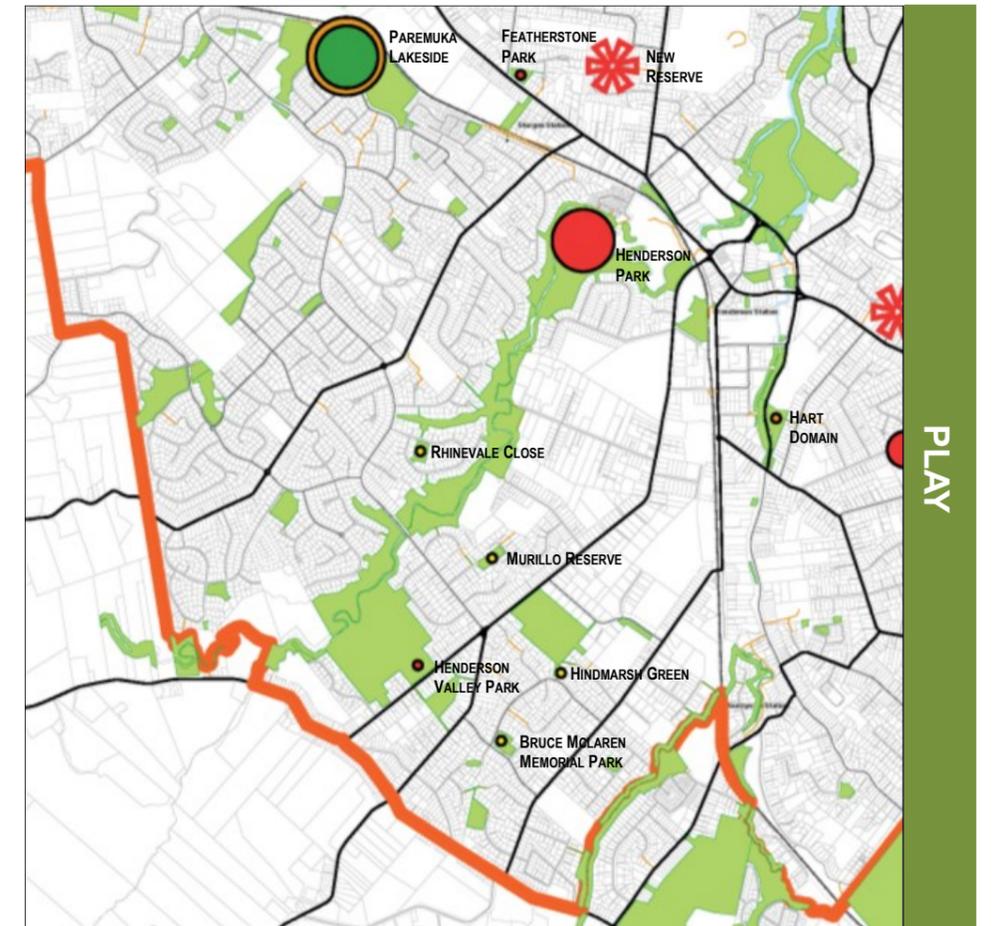
PARK NAME	ACTION	OUTCOME	PRIORITY
Henderson Town Centre	<p>Implement actions to provide quality open space outcomes as per the Henderson Implementation Plan including:</p> <ul style="list-style-type: none"> <li>Investigate potential for temporary or permanent pocket parks within Henderson particularly where new development/investment is sought</li> <li>Provide input into open space components of a Trading Place Precinct Plan</li> <li>Investigate and implement Main Street area options to provide a pedestrian oriented centre, including a shared space proposal</li> <li>Develop and implement public realm upgrades along Henderson's Main Street (Great North Road) to attract new investment and visitors to the centre</li> <li>Investigate potential for community gardens within Henderson</li> <li>Upgrade open space areas, with views to integrate public and private open space such as outdoor dining areas</li> <li>Ensure town centre upgrades are integrated with surrounding open space networks and character</li> <li>Strengthen the heritage/cultural walking trail including between the Main Street, the rail station and Twin Streams</li> <li>Align the provision and development of open spaces with new development</li> <li>Strengthen existing pedestrian linkages between key residential development sites and local amenities, in coordination with key planned developments including appropriate consideration of safety, wayfinding and amenity, enhance the pedestrian connection from Alderman Drive / Edmonton Road to Trading Place</li> <li>Strengthen the Great North Road pedestrian link and wayfinding signage to Corban Estate from Henderson's Main Street and Train Station</li> <li>Improve safety 'hot spots' through implementation of Crime Prevention Through Environmental Design (CPTED) principles and other initiatives</li> <li>Strengthen the connection of the Henderson Metropolitan Centre to the Twin Streams, improving visibility and connectedness of walking and cycling tracks along the streams.</li> </ul>	Growth & Trails & Coast and Waterways	High priority
Opanuku Stream Reserve; Plumer Domain; Border Road Esplanade; Henderson Valley Green	Continue ecological restoration.	Coast and Waterways	High priority
Cranwell Park; Tui Glen Reserve; Tui Glen Esplanade; Epping Esplanade; Cranwell Esplanade; Falls Park; Pioneer Park	Develop and implement a wayfinding plan to improve connections to Henderson residential areas (park entrances, stream crossings, road crossings, signage).	Growth & Trails & Peoples' Choice Parks	High priority
	Acquire properties to improve access to Tui Glen.		High priority
	Continue ecological restoration in Cranwell Park, Epping Esplanade, Tui Glen Reserve, Tui Glen Esplanade, Cranwell Esplanade and Falls Park.	Coast and Waterways	High priority
	Continue ecological restoration in Pioneer Park.		Medium-low priority
Henderson Park; Opanuku Reserve; Vintage Reserve; Corban Estate Esplanade	Develop and implement a concept plan for Henderson Park to improve:	Growth & Peoples' Choice Parks & Play	High priority
	<ul style="list-style-type: none"> <li>Cycle/walkway connection from Henderson Station to Henderson Park and Corban Estate (through Opanuku Reserve);</li> <li>Wayfinding signage;</li> <li>Informal active recreation opportunities, such as upgraded fitness trail and frisbee golf;</li> <li>Play opportunities for 1-13+, including special attraction;</li> <li>Opportunities for socialising, such as picnic facilities;</li> <li>Involvement of community in environmental care initiatives.</li> </ul>		High priority
	<ul style="list-style-type: none"> <li>Continue ecological restoration for Henderson Park and Corban Estate Esplanade.</li> <li>Maintain ecologically restored areas in Opanuku Reserve and Vintage Reserve.</li> </ul>	Coast and Waterways	High priority
Rail corridor	Advocate to Auckland Transport & Kiwirail to complete rail corridor cycleway connections between Glen Eden and Henderson.	Trails	High priority

### PRIORITISATION OF ACTIONS

- High priority
- Medium-high priority
- Medium priority
- Medium-low priority
- Low priority



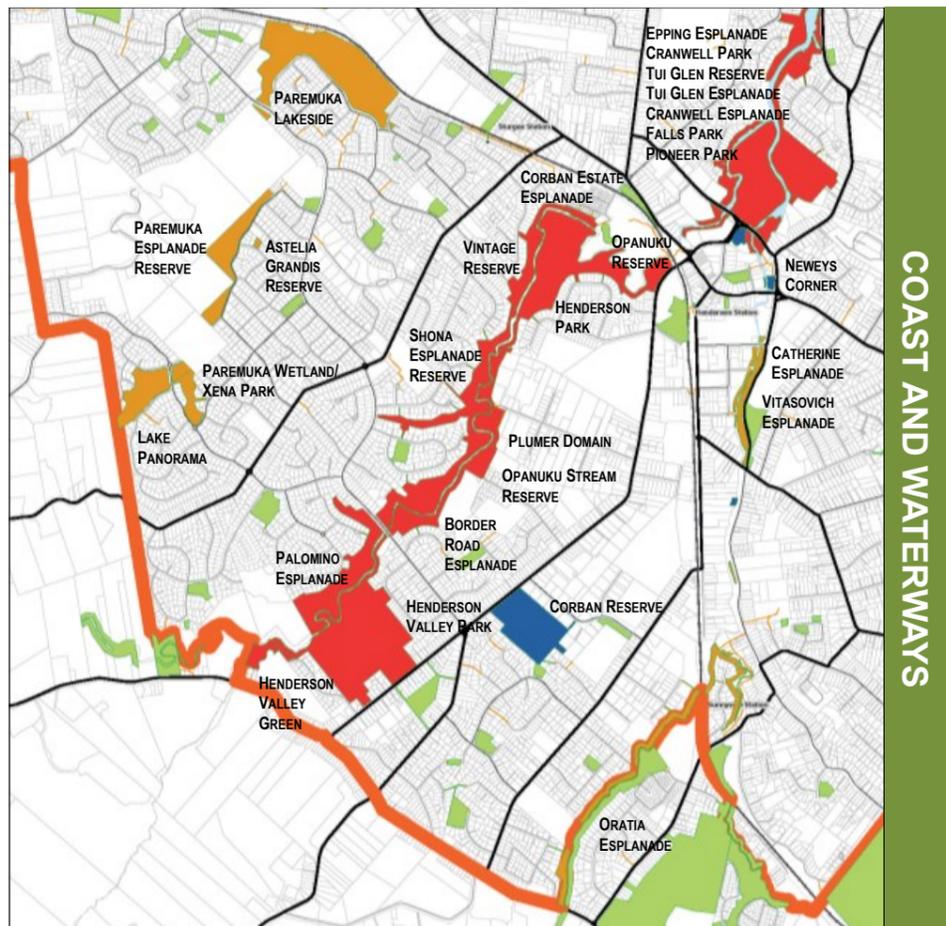
GROWTH & PEOPLES' CHOICE PARKS



PLAY



TRAILS



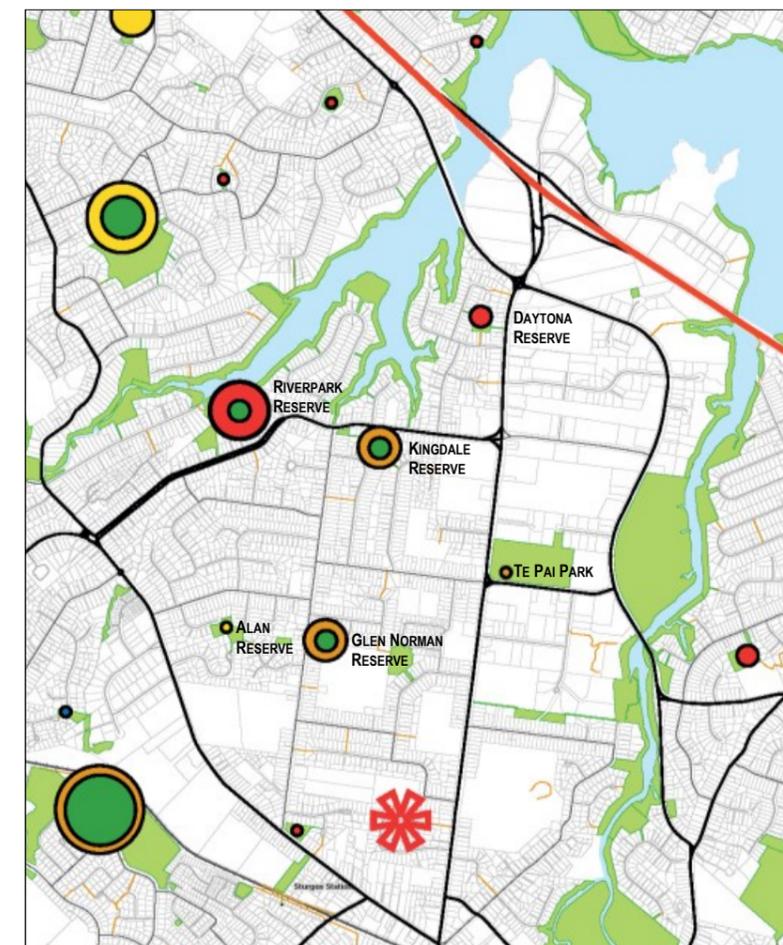
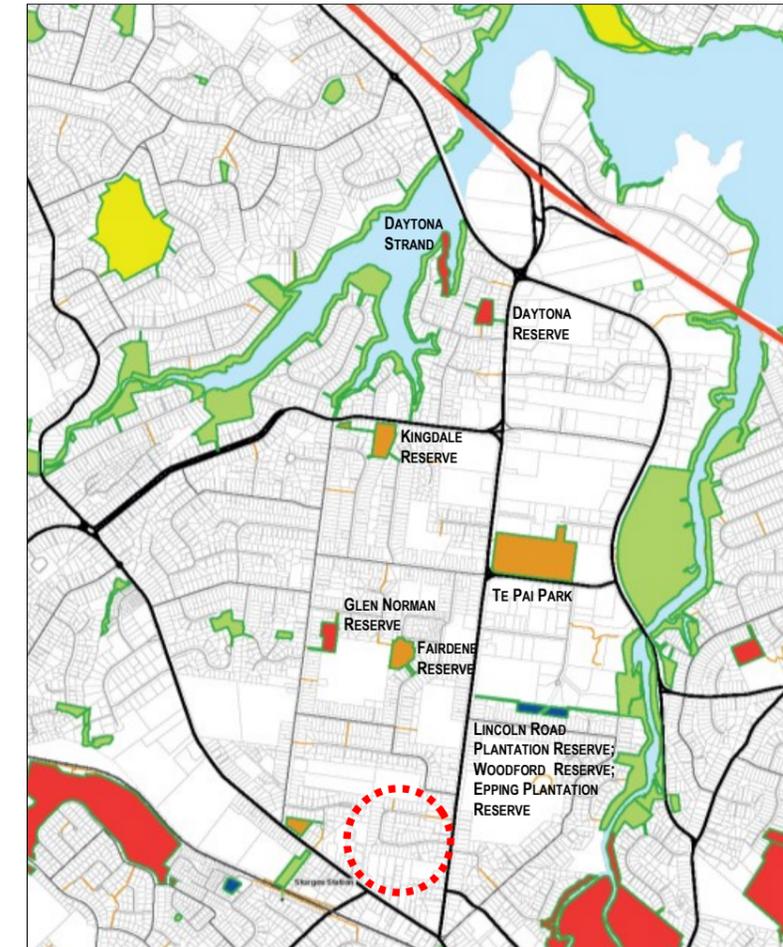
COAST AND WATERWAYS

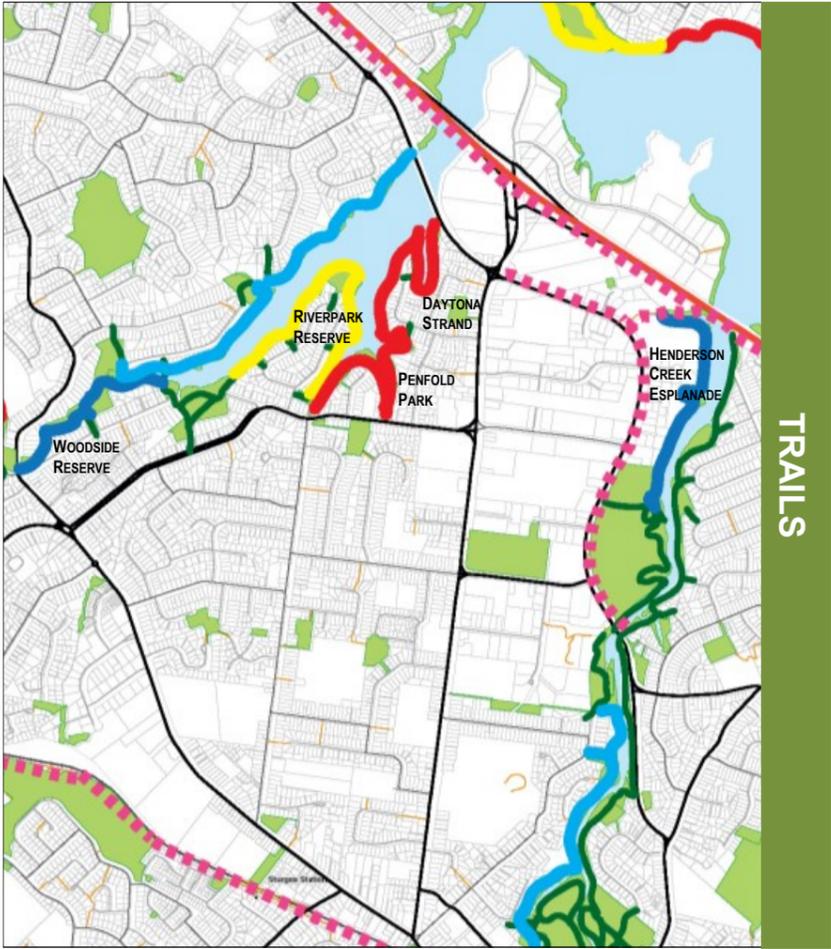
PARK NAME	ACTION	OUTCOME	PRIORITY
Pine Avenue and Parrs Cross Road	Advocate to Auckland Transport to design and implement off-road shared path along Pines Avenue and Parrs Cross Road, linking the Oratia and Opanuku path ends to create a circuit.	Trails	High
Shona Esplanade Reserve	Maintain ecological areas.	Coast and Waterways	High
New reserve	Acquire a new neighbourhood park in the area between Lincoln Road and Swanson Road. Add new playground.	Growth & Play	High
Featherstone Park	Add seating and/or picnic table near the playground area.	Play	High
Paremuka Lakeside	Develop and implement a concept plan to improve: <ul style="list-style-type: none"> <li>Informal active recreation (such as walkway circuits)</li> <li>Passive recreation (such as more seating options)</li> <li>Socialising opportunities (such as a picnic area near the playground)</li> </ul>	Growth & Peoples' Choice Parks & Play	High
	Increase size of the playground, including installing a special attraction for the 13+ age group.		Medium
	Continue ecological restoration.	Coast and Waterways	Medium
Henderson Valley Park	Implement ecological restoration plan.	Coast and Waterways	High
	Implement concept plan to improve: <ul style="list-style-type: none"> <li>Access and connections between Henderson Valley Road, Tabitha Crescent entrance and the Project Twin Streams shared path</li> <li>Seating and shade for the playground</li> <li>Path and footbridge crossing of Opanuku Stream from Western Heights for better access to the Project Twin Streams shared path.</li> </ul>	Peoples' Choice Parks & Trails & Play	High
Palomino Esplanade	Prepare and implement an ecological restoration plan.	Coast and Waterways	High
	Design and implement a walkway along Palomino Esplanade, including stream crossings to provide linkages between Western Heights and the Project Twin Streams shared path.	Trails	High
Hart Domain	Improve social and passive recreation opportunities by adding more seating and picnic facilities.	Growth & Play	Medium
	Investigate and implement options for making this playground more inclusive of all abilities.		High
	Acquire properties to create better access to Hart Domain from Newington Road.		Medium
Paremuka Esplanade Reserve; Astelia Grandis Reserve; Paremuka Wetland/Xena Park; Lake Panorama; Catherine Esplanade	Continue ecological restoration and maintenance.	Coast and Waterways	Medium
Vitasovich Esplanade	Continue ecological restoration. Develop and implement a concept plan to better identify the reserve as Project Twin Streams and provide opportunities for people to connect with nature.	Coast and Waterways Growth	Medium
Rhinevale Close; Bruce McLaren Memorial Park; Hindmarsh Green; Murillo Reserve	Install seating and/or picnic table near playground area.	Play	Medium
Oratia Esplanade	Investigate improving linkages to the Project Twin Streams shared path from the McLaren Park residential area.	Trails	High
Harvest Reserve	Improve passive recreation opportunities. Acquire properties to improve access to Harvest Reserve from Geordies Street, to improve access to the reserve for residents living in the THAB zone.	Growth	High
Lockington Green	Design and implement passive recreation and social facilities such as seating, a perimeter walking path and picnic facilities.	Growth	High
Corban Reserve; Trading Esplanade; Neweys Corner	Prepare and implement an ecological restoration plan for Corban Estate; continue ecological restoration at Trading Esplanade and maintenance at Neweys Corner.	Coast and Waterways	High

LINCOLN			
PARK NAME	ACTION	OUTCOME	PRIORITY
Daytona Reserve	Develop and implement a concept plan that will improve passive recreation and play opportunities (small sized playground).	Growth & Play	High priority
	Investigate opportunities to improve entrances to the reserve from Lincoln Road and Preston Avenue and increase size of the reserve.		High priority
Glen Norman Reserve	Acquire properties to improve sightlines, street frontage and access from Glen Norman Avenue and Rathgar Road.	Growth	High priority
	Investigate opportunities to provide a connection through Liston College to Fairdene Reserve.		High priority
	Upgrade playground to cater for a wider age range once safety issues have been addressed.	Play	Medium-high priority
Daytona Strand	Develop and implement a concept plan that will: <ul style="list-style-type: none"> <li>Improve existing connections to the esplanade from surrounding streets</li> <li>Improve passive recreation, play and restoration opportunities in the reserve accessed from the Daytona Road end.</li> </ul>	Growth	High priority
	Acquire properties to improve access to Daytona Strand.		Medium-high priority
	Design and implement a walkway /cycleway linking Penfold Park to Triangle Road.	Trails	High priority
	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium priority
Fairdene Reserve	Investigate formalising access along northern boundary of Liston College to connect to accessways from Normandy Place and Hughdene Place and Glen Norman Reserve.	Growth	Medium-high priority
Kingdale Reserve	Increase the size of the existing playground to provide for a wider age range.	Play	Medium-high priority
Te Pai Park	Develop and implement a concept plan that will: <ul style="list-style-type: none"> <li>Improve social and informal recreation opportunities, such as seating and a picnic area</li> <li>Improve prominence of the park along the Lincoln Road boundary</li> <li>Improve pedestrian entry from the Lincoln Road/Te Pai Place intersection.</li> </ul>	Growth	Medium-high priority
	Add barbecues near playground area.		Play
	Riverpark Reserve	Increase the size of existing playground to a large sized playground with picnic facilities (tables and barbecues).	Play
Design and implement a walkway linking Woodside Reserve to Penfold Park.		Trails	Medium priority
Investigate, design and implement a boardwalk and swimming wharf to increase access to water.		Coast and Waterways	Medium priority
Prepare and implement an ecological restoration plan.		Coast and Waterways	Medium priority
Alan Reserve	Add seating and/or picnic table near playground area.	Play	Medium priority
Penfold Park	Design and implement a walkway linking Riverpark Reserve to Daytona Strand, including entranceways and safe road crossings from Universal Drive.	Trails	High priority
	Continue ecological restoration.	Coast and Waterways	Medium priority
Henderson Creek Esplanade	Continue ecological restoration.	Coast and Waterways	High priority
	Design and implement a walkway along Henderson Creek Esplanade from Waitakere City Stadium to SH16.	Trails	Medium-low priority
Woodside Reserve	Continue ecological restoration.	Coast and Waterways	Medium priority
	Design and implement a walkway along Woodside Reserve linking Woodside Road and the Swanson Stream footbridge.	Trails	Medium-low priority
	Investigate a bridge over Swanson Stream to Helena Park.	Trails	Medium-low priority
The Concourse Strand	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-low priority
Woodford Reserve	Engage with the community about potential future uses for this reserve.	Growth	Medium-low priority
Epping Plantation Reserve	Due to safety concerns, limit access to the Plantation Reserve and consider divestment.	Growth	Medium-low priority
Lincoln Road Plantation Reserve	Due to safety concerns, limit access to the Plantation Reserve and consider divestment.	Growth	Low priority

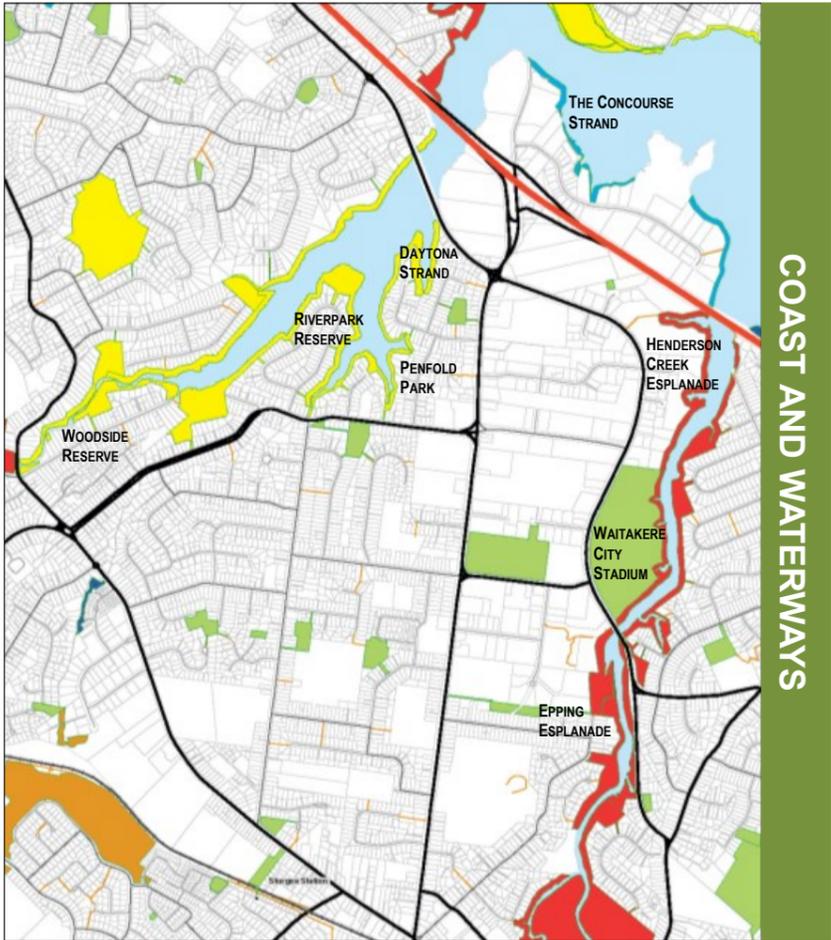
**PRIORITISATION OF ACTIONS**

- High priority
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**TRAILS**

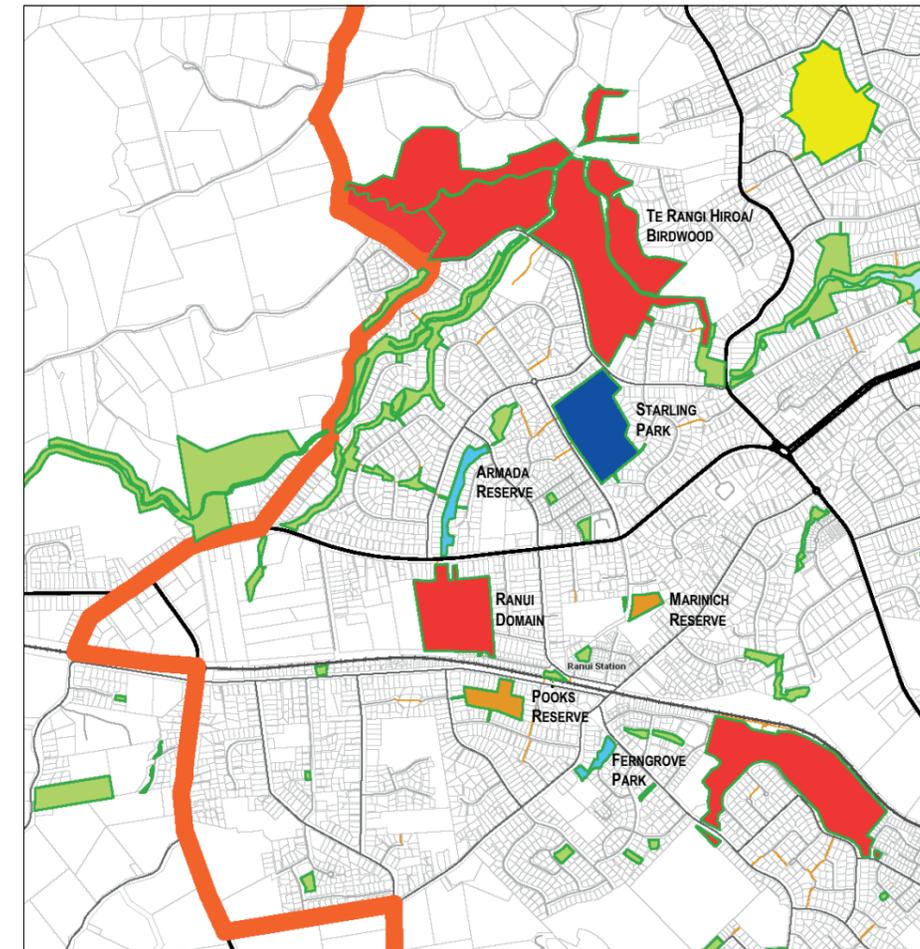


**COAST AND WATERWAYS**

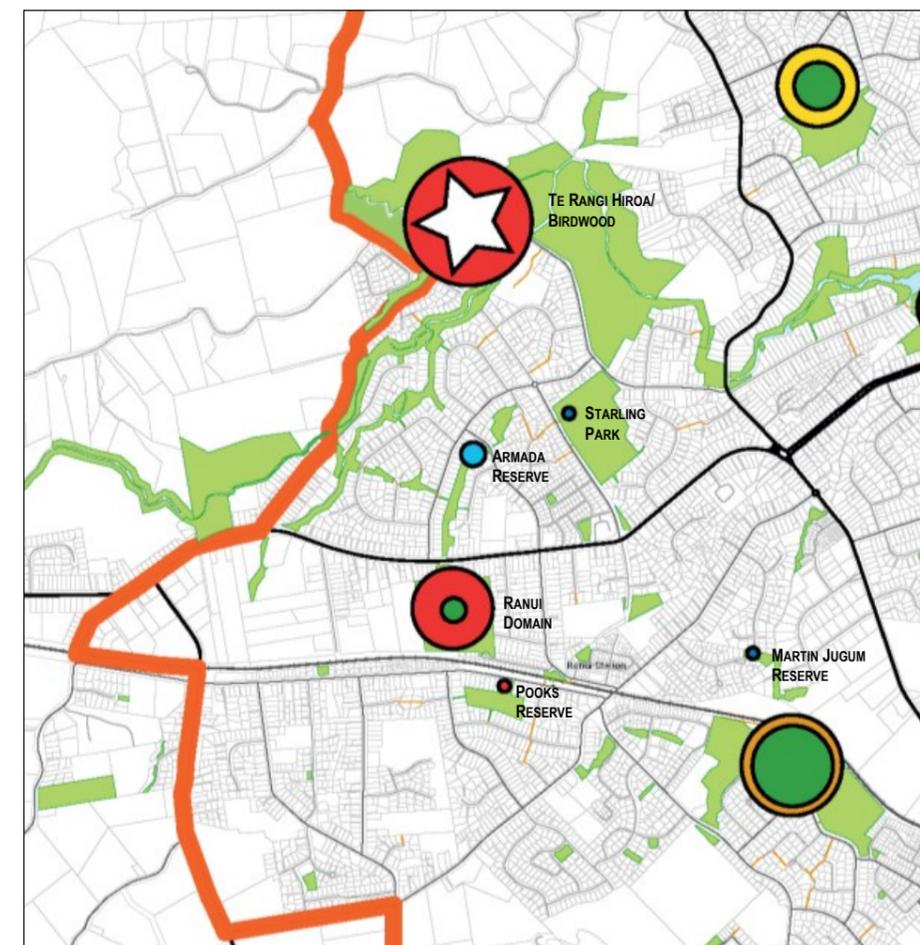
RANUI			
PARK NAME	ACTION	OUTCOME	PRIORITY
Te Rangi Hiroa/ Birdwood	Implement the development plan to improve: <ul style="list-style-type: none"> <li>Cycle/walk connections along the Swanson Stream</li> <li>Cycle/walking circuits along the waterways and through the bush</li> <li>Opportunities to enjoy the natural environment such as seating areas along the stream or where people can enjoy good views of the area</li> <li>Opportunities for groups to socialise</li> <li>Active recreation facilities for young people</li> <li>Play experiences for children.</li> </ul>	Peoples' Choice Park & Play & Growth	High priority
	Provide access with surrounding residential areas by: <ul style="list-style-type: none"> <li>Implementing trail linkages as set out in concept plan.</li> <li>Acquiring properties to ensure connections between the reserve and surrounding residential areas.</li> <li>Ensuring safe road crossings and way finding signage at all park entrances.</li> </ul>	Growth & Trails	High priority
	Prepare and implement ecological restoration plan.	Coast and Waterways	High priority
Ranui Domain	Finalise and implement concept plan that will improve informal active recreation and play opportunities.	Growth	High priority
	Increase size to a large playground including a special play attraction for the 13+ age group.	Play	High priority
	Continue ecological restoration.	Coast and Waterways	Medium-low priority
Ulrich Esplanade Reserve, Birdwood Park and Don Buck Corner Reserve	Continue ecological restoration.	Coast and Waterways	High priority
Momotu Stream Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	High priority
Pooks Reserve	Improve access by acquiring properties to create wider, safer and more prominent entrances from Jillian Drive and from Ranui Ave.	Growth	Medium-high priority
	Add seating and/or picnic table for playground users.	Play	High priority
Marinich Reserve	Plan and implement a connection to the reserve from Marinich Drive South.	Growth	Medium-high priority
Armada Reserve	Finalise and implement a concept plan to provide connections through the reserve and play experiences at the northern end.	Growth & Play	Medium-low priority
	Design and implement a walkway to create linkage from Ranui Domain to Hamblyn Reserve.	Trails	Medium-low priority
	Continue ecological restoration.	Coast and Waterways	Low priority
Ferngrove Park	Develop and implement a concept plan to develop south-western portion of Ferngrove Park, including a connection with the rest of the park.	Growth	Medium-low priority
Hamblyn Reserve	Design and implement a walkway to create linkage from Armada Reserve to Hamblyn Place.	Trails	Medium-low priority
Martin Jugum Reserve	Add seating and/or picnic table for playground users.	Play	Low priority
Starling Park	Design and implement additional facilities that will improve informal active recreation, for example a perimeter path and/or fitness equipment.	Growth	Low priority
	Add seating and/or picnic table to playground.	Play	Low priority
Sun Place Esplanade Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	Low priority

**PRIORITISATION OF ACTIONS**

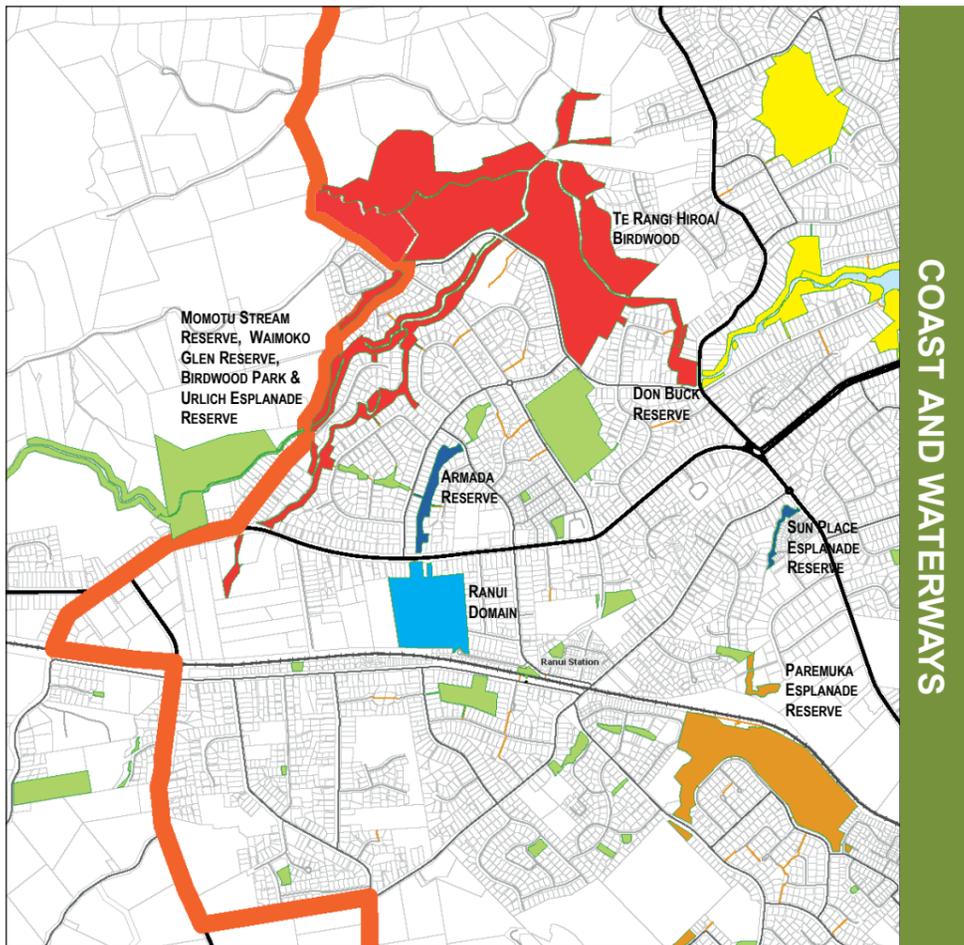
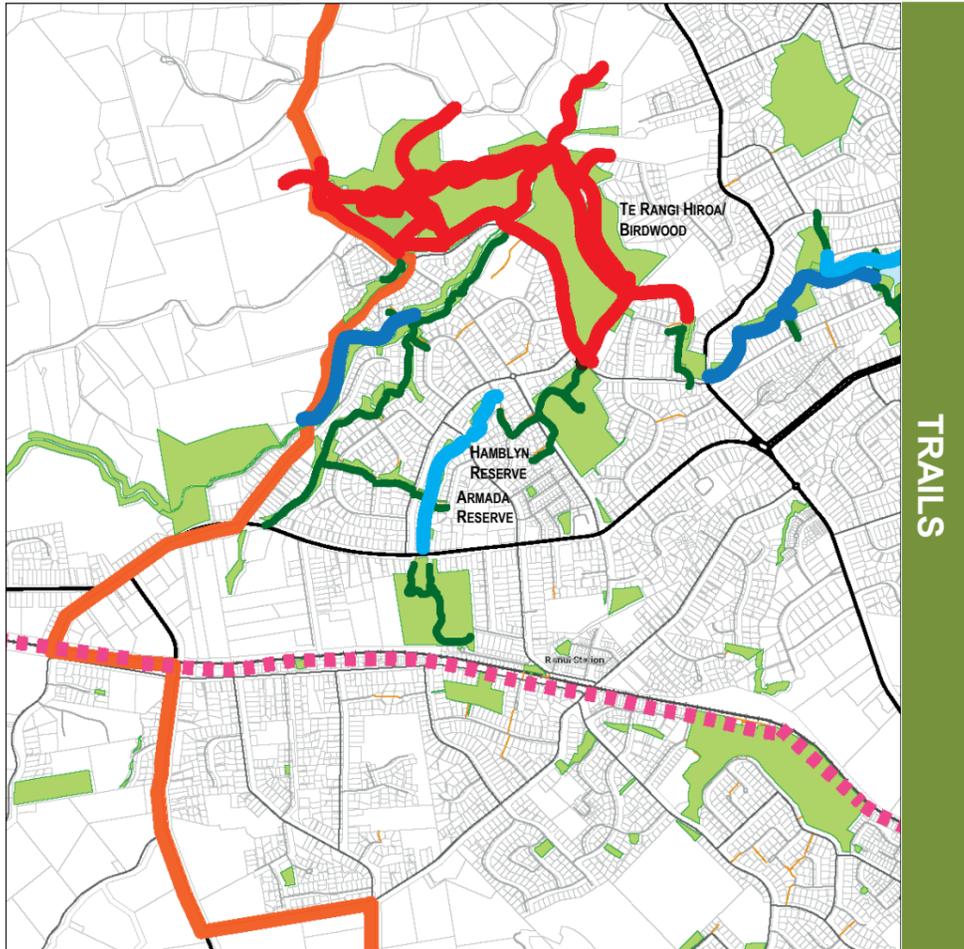
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GROWTH & PEOPLES' CHOICE PARKS

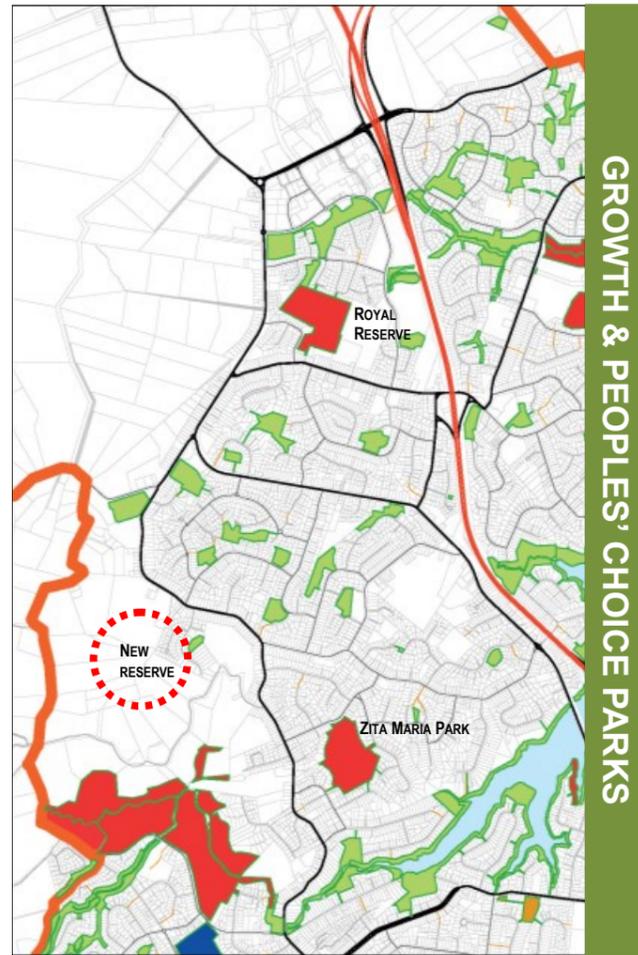


PLAY

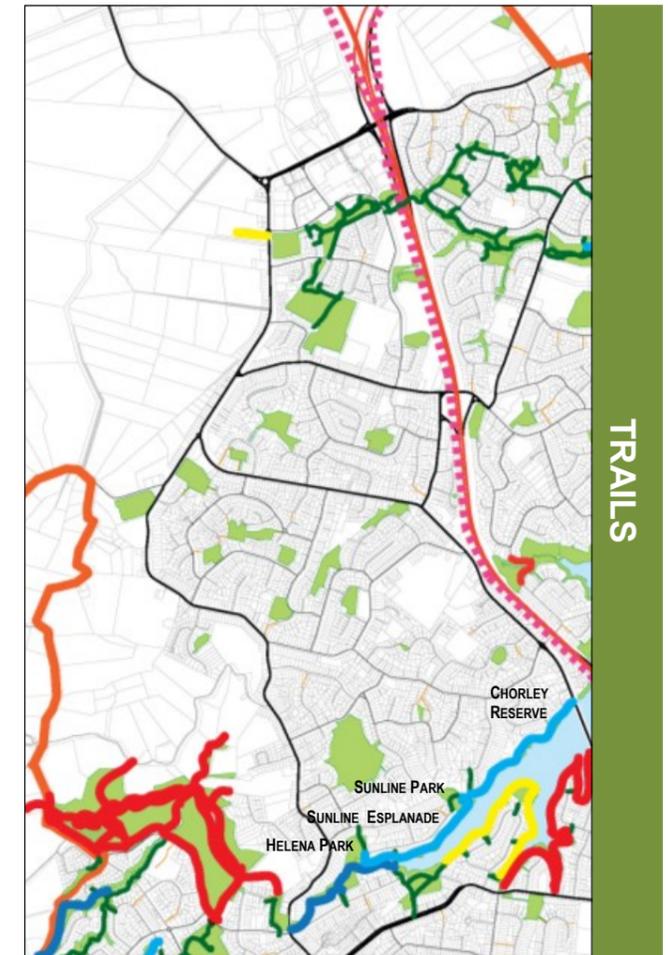


# MASSEY, MASSEY WEST & WESTGATE

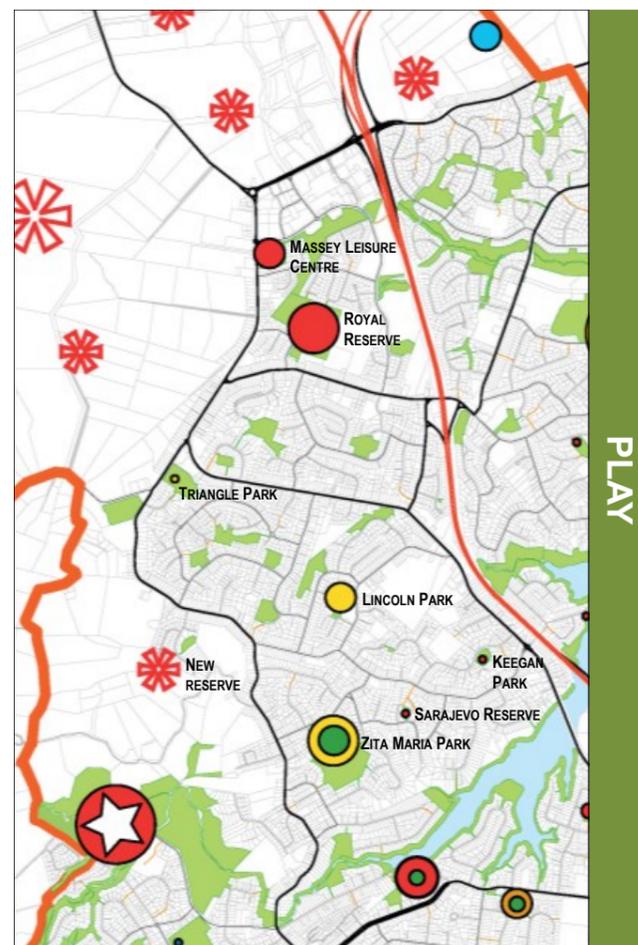
PARK NAME	ACTION	OUTCOME	PRIORITY
Royal Reserve and Rush Creek Reserve	Finalise and implement the Royal Reserve concept plan to: <ul style="list-style-type: none"> <li>Improve informal active recreation opportunities.</li> <li>Add new playground (large), including a special attraction.</li> <li>Ensure good connections as subdivision occurs in area on the eastern boundary.</li> </ul>	Peoples' Choice Park & Play	High
	Continue ecological restoration of Royal Reserve and Rush Creek Reserve.	Coast and Waterways	High
New reserve	Acquire a new neighbourhood park in Birdwood for residential development occurring	Growth & Play	High
	Design and implement a playground once park has been acquired.		High
Keegan Park and Sarajevo Reserve	Add seating and/or picnic table near playground area.	Play	High
Massey Leisure Centre	Design and implement a new medium sized playground including a youth oriented attraction.	Play	High
The Manutewhau Walkway	Improve signage and promote the Manutewhau Walkway	Trails	High
Zita Maria Park	Develop and implement a concept plan to improve: <ul style="list-style-type: none"> <li>Entranceways and connections with surrounding residential areas</li> <li>Informal active recreation such as frisbee golf</li> <li>Circulation pathways into and through the park</li> <li>Toilets for park users</li> <li>Vegetation management to address safety issues</li> <li>Drainage issues</li> <li>Sports field capacity</li> </ul>	Peoples' Choice Park	High
	Acquire properties to improve access.		Medium
	Advocate for safe crossings of Don Buck Road to improve access to Zita Maria Reserve from Birdwood residential areas.		High
	Prepare and implement an ecological restoration plan.		Coast and Waterways
	Increase size to a large playground and include a special attraction, seating and picnic tables		Play
Lincoln Park	Design and implement a new medium sized playground.	Play	Medium
Triangle Park	Add additional seating/tables near playground area.	Play	Medium
Chorley Reserve	Continue ecological restoration.	Coast and Waterways	Medium
	Design and implement a walkway linking Triangle Road and Sunline Park.	Trails	High
Sunline Esplanade	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
	Design and implement a walkway linking Sunline Park and footbridge crossing to Woodside Reserve.	Trails	High
Sunline Park	Prepare and implement an ecological restoration plan	Coast and Waterways	Medium
	Design and implement a walkway linking existing path to Sunline Esplanade.	Trails	High
Helena Park	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium
	Investigate and implement a potential foot bridge connecting Helena Park to Woodside Reserve	Trails	High
	Design and implement a connection from Sunline Avenue road end to Sunline Esplanade.		High
Lincoln Park Esplanade Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	High
Cartmel Reserve, Cyclarama Reserve and Kemp Park	Prepare and implement ecological restoration plans.	Coast and Waterways	High
Westgate Drive Park	Continue ecological restoration.	Coast and Waterways	High



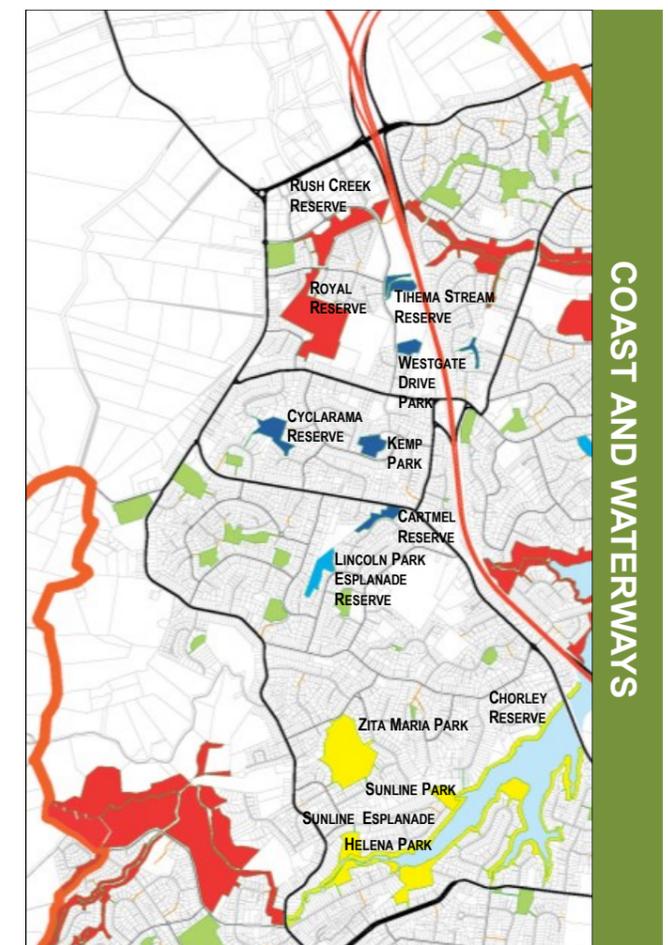
GROWTH & PEOPLES' CHOICE PARKS



TRAILS



PLAY



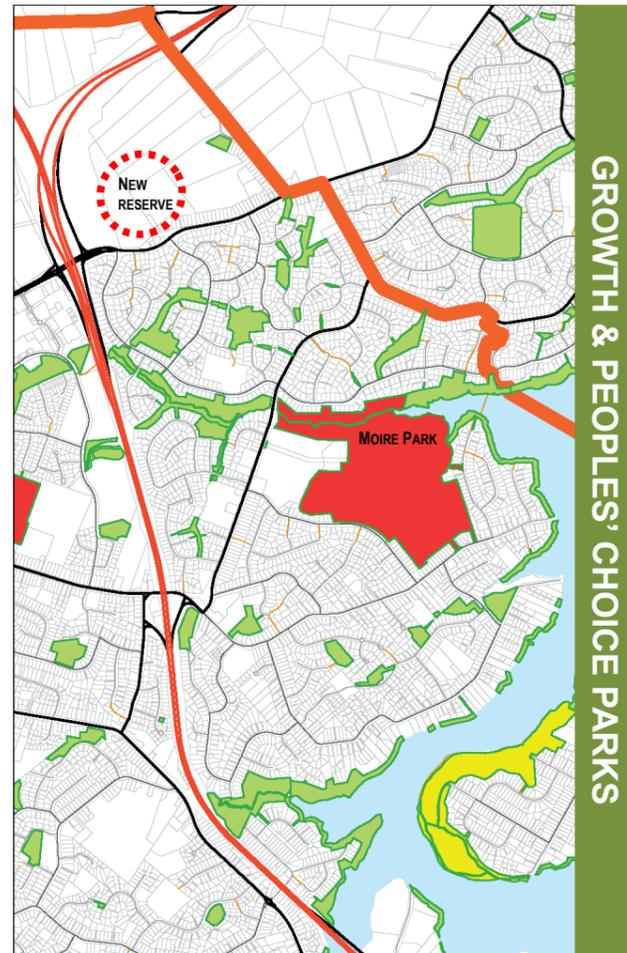
COAST AND WATERWAYS

## MASSEY EAST, WEST HARBOUR & REDHILLS

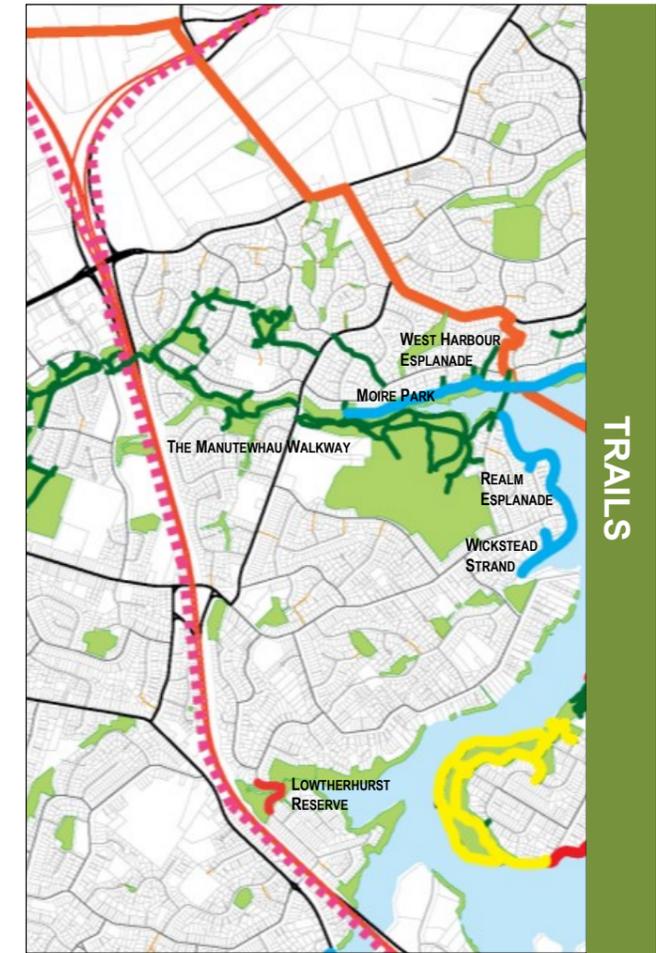
PARK NAME	ACTION	OUTCOME	PRIORITY
Colwill Esplanade and Katrina Esplanade	Prepare and implement ecological restoration plans.	Coast and Waterways	High priority
The Manutewhau Walkway	Improve signage and promote the Manutewhau Walkway	Trails	High priority
Manutewhau Walk & Manutewhau Reserve	Continue implementing the ecological restoration plan for Manutewhau Reserve and restoration of Manutewhau Walk.	Coast and Waterways	High priority
Lowtherhurst Reserve	Improve lighting to increase safety and use of the Huruuru Creek Walkway.	Trails	High priority
	Maintain ecological restoration areas.	Coast and Waterways	High priority
Taitapu Park	Continue ecological restoration.	Coast and Waterways	High priority
	Add seating and/or picnic table near playground area.	Play	High priority
Moire Park	Continue to implement the Moire Park Restoration Plan - Oct 2012.	Coast and Waterways	High priority
	Review concept and development plans (Reserve Management Plan 2000), focusing on improving walk/cycle paths.	Peoples' Choice Park	High priority
	Increase playground size to create a destination playground.	Play	Medium priority
Tatyana Park	Add seating and/or picnic table near playground area.	Play	High priority
Spargo Reserve	Add seating and/or picnic table near playground area.	Play	High priority
	Prepare and implement ecological restoration plan.	Coast and Waterways	Low priority
New reserve	Acquire a new neighbourhood park to the west of Trig Road and north of Hobsonville Road as development occurs.	Growth & Play	High priority
	Design and implement a playground once park has been acquired.	Play	Medium priority
Claverdon Park	Prepare and implement an ecological restoration plan.	Coast and Waterways	Medium-low priority
Redhills	Acquire and develop an open space network	All	High priority
Trig Reserve	Design and implement a new medium sized playground as development occurs.	Play	Medium-low priority
West Harbour Esplanade	Design and implement walkway along the esplanade.	Trails	Medium-low priority
West Harbour trail linkage	Advocate for walkway to continue along Upper Harbour from West Harbour Esplanade to Clearwater Cove.	Trails	Medium-low priority
Realm Esplanade & Wickstead Strand	Design walkway from footbridge to Royal Road; resolve encroachment issues; and implement walkway.	Trails	Medium-low priority
Holmes Reserve	Prepare and implement an ecological restoration plan.	Coast and Waterways	Low priority
Pahi Park	Maintain ecological restoration areas.	Coast and Waterways	Low priority

### PRIORITISATION OF ACTIONS

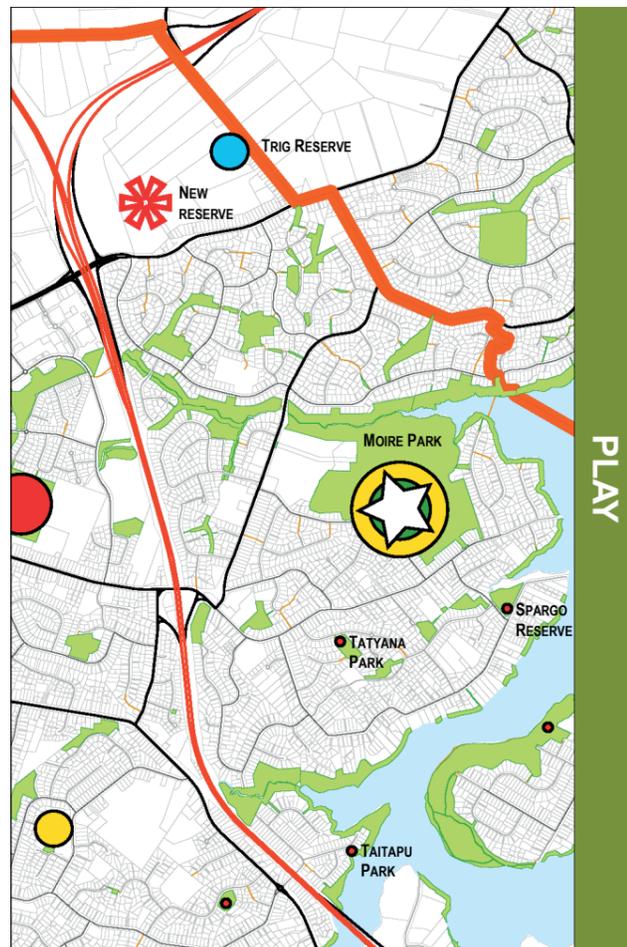
- High priority
- Medium-high priority
- Medium priority
- Medium-low priority
- Low priority



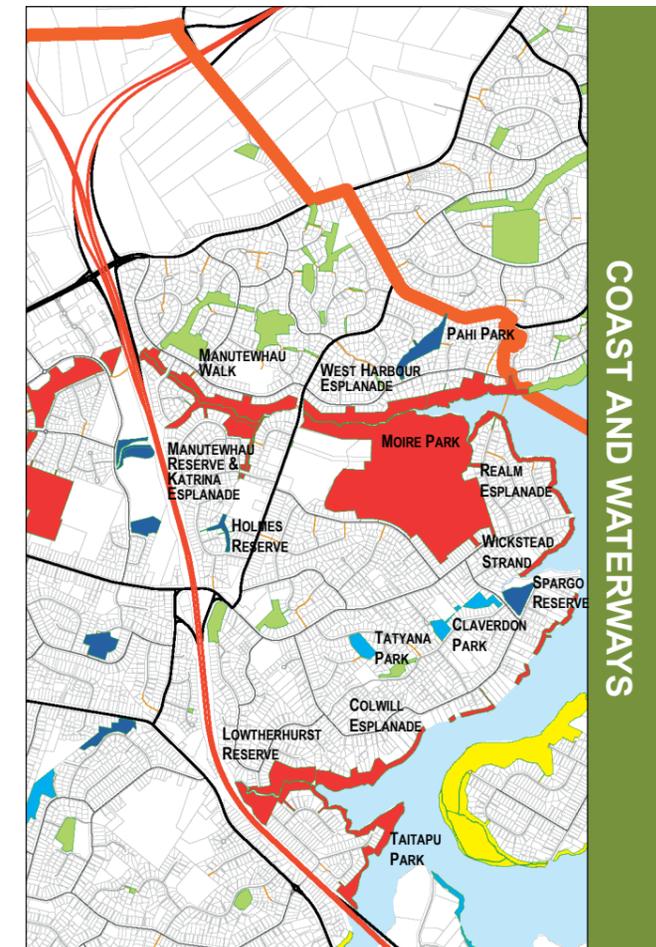
GROWTH & PEOPLES' CHOICE PARKS



TRAILS



PLAY



COAST AND WATERWAYS

