

Greenhithe



Map Park name ID	Where to find information
01 Ashurst Reserve	Listed in table
02 Awatahi Reserve	See individual map
03 Churchouse Esplanade Reserve	See individual map
04 Collins Park	See individual map
05 Dene Court Reserve	See individual map
06 Dressage Reserve	Listed in table
07 Durbin Reserve	See individual map
08 Eastvale Reserve and Mackay Drive Drainage Reserve	See individual map
09 Fernbank Reserve and Greenhithe Upper Harbour Reserve	See individual map
10 George Deane Place Reserve	See individual map
11 Greenbough Reserve	Listed in table
12 Greenhithe War Memorial Park	See individual map
13 Hellyers Esplanade Reserve	See individual map
14 Huntington Drainage Reserve	Listed in table
15 Huntington Reserve	See individual map
16 Kereru Reserve	See individual map
17 Kingfisher Reserve and Kingfisher Esplanade Reserve	See individual map
18 Koki Reserve and Marae Road Esplanade Reserve	See individual map
19 Kyle Road Drainage Reserve	Listed in table

Map Park name ID	Where to find information
20 Marae Reserve	See individual map
21 Mauku Reserve	See individual map
22 Orchard Reserve and Oratau Reserve	See individual map
23 Orwell Road Drainage Reserve	See individual map
24 Outlook Reserve, Pounamu Reserve, Tauhinu Reserve and Kimberly Grove	See individual map
25 Rahui Reserve	See individual map
26 Rame Esplanade Reserve	See individual map
27 Rame Reserve	See individual map
28 Redfern Nature Reserve	See individual map
29 Remu Reserve	See individual map
30 Shelter Reserve	See individual map
31 Taihinui Historical Reserve	See individual map
32 Te Wharau Creek Esplanade Reserve, Admirals Court Reserve and Kyle Road Reserve	See individual map
33 The Knoll	See individual map
34 Wainoni Downs Reserve	See individual map
35 Wainoni Park	See individual map
36 Waipua Place Reserve	Listed in table
37 Wicklam Lane Drainage Reserve	Listed in table
38 William Gamble Reserve	See individual map

List of parks without management intentions and/or lease/licence information - to be managed according to their land status

Map ID	Park Name	Address	Land status	Values associated with park
01	Ashurst Reserve	2 Ashurst Lane, Greenhithe	Recreation reserve (Lot 200 DP 332574)	
06	Dressage Reserve	R79 Greenhithe Road, Greenhithe	Local purpose (drainage) reserve (Lot 101 DP 338332)	
11	Greenbough Reserve	46 Greenbough Lane, Greenhithe	Local purpose (drainage) reserve (Lot 11 DP 379008) Scenic reserve 19(1)(b) (Lot 301 DP 363904)	   
14	Huntington Drainage Reserve	R51 Huntington Park Drive, Greenhithe	Local purpose (drainage) reserve (Lot 31 DP 462222)	  
19	Kyle Road Drainage Reserve	29 Pitoitoi Avenue, Greenhithe	Local purpose (drainage) reserve (Lot 31 DP 384501) Local purpose (esplanade) reserve (Lot 201 DP 332574)	 
36	Waipuia Place Reserve	R2 Waipuia Place, Greenhithe	Local purpose (landscape protection) reserve (Lot 45 DP 85398) Local purpose (landscape protection) reserve (Lot 44 DP 85398)	
37	Wicklam Lane Drainage Reserve	32A Wicklam Lane, Greenhithe	Local purpose (drainage) reserve (Lot 10 DP 442196)	



List of values associated with park

Cultural values



Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values



Historic sites including archaeological sites, structures, gardens and trees

Natural values



Significant ecological and biodiversity areas



Terrestrial and wetland ecosystems present



Park with stream running through or that is adjacent to the coast

Hazards and constraints



Coastal hazards



Other hazards or constraints

Mapping features



Other parks

ID	Appellation	Land status
1	Lot 100 DP 515185	Local purpose (esplanade) reserve
2	Lot 49 DP 85402	Local purpose (esplanade) reserve
3	Lot 49 DP 85403	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological site of Māori origin - Midden (CHI No. 17742).

RECREATION VALUES

- No information for this section

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Regenerating: Broadleaved scrub/forest, (VS5)
 - Forest Warm: Coastal broadleaved forest, (WF4)

HERITAGE VALUES

- Reported historic site - building / house (CHI No. 17902).
- Archaeological site - mooring (CHI No. 17741), adjacent to the park.

OTHER INFORMATION

- One accessway leads from Awatahi Place to the estuary. The rest of the park is inaccessible.
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Support planting activities that improve water quality in Lucas Creek.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Park with stream running through or that is adjacent to the coast
-  Fauna e.g. birds, skins / lizards, fish

Recreation values

-  Connection

Hazards and constraints

-  Coastal hazards
-  Other hazards or constraints

Mapping features

-  Other parks
-  Road

ID	Appellation	Land status
1	Lot 4 DP 91362	Local purpose (esplanade) reserve
2	Lot 4 DP 154625	Local purpose (esplanade) reserve
3	Lot 4 DP 439619	Local purpose (esplanade) reserve
4	Part Lot 6 DP 13702	Local purpose (esplanade) reserve
5	Part Lot 6 DP 13702	Local purpose (esplanade) reserve
6	Lot 3 DP 163959	Local purpose (esplanade) reserve
7	Lot 3 DP 157022	Local purpose (esplanade) reserve
8	Lot 3 DP 527443	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Connection
- Nature based activities

NATURAL VALUES

- The presence of native fish has been identified in the stream catchment.
- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Contains a large section of unformed legal road on the eastern side of the stream. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- Wastewater pump station located within the unformed legal road is the responsibility of Watercare.
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park, particularly the riparian edge with Greenhithe Stream and Lucas Creek.
2. Support planting activities that improve water quality in Lucas Creek.
3. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.

4. Work with Auckland Transport over the management of unformed legal road that is utilised as parkland.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Heritage values



Historic sites including archaeological sites, structures, gardens and trees



Informal recreation



Play space



Organised sport and recreation

Natural values



Park with stream running through or that is adjacent to the coast



Hazards and constraints



Other hazards or constraints

Recreation values



Event



Other parks

ID	Appellation	Land status
1	Part Lot 1 DP 20786	Recreation reserve
2	Part Lot 5 DP 7132	Recreation reserve
3	Lot 9 DP 110658	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Community events
- Play space
- Informal recreation - general
- Organised sport

NATURAL VALUES

- The presence of native fish has been identified in the stream catchment.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.

HERITAGE VALUES

- Recorded historic site - Old Greenhithe school building (CHI No. 12928).
- Old Greenhithe School building site is scheduled for additional protection. Historic Heritage Overlay rules should be adhered to for works in the park.

OTHER INFORMATION

- A stream runs along the eastern boundary of the park
- Designation for the northern interceptor wastewater pipeline (Watercare, 9375).
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- The Upper Harbour Wheeled Recreation Assessment 2021 identifies opportunities to improve the network of wheeled recreation facilities in the local board area.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Support planting activities that improve water quality in Lucas Creek.
2. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
3. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
4. Consider opportunities to upgrade the existing skate facility and provide a pump track.

LEASES AND LICENCES

Current and contemplated leases and licences for:

- Provision of community activities and services including community venue
- Early childhood education services.



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation
-  Park with stream running through or that is adjacent to the coast
-  Fauna e.g. birds, skinks / lizards, fish

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 2 DP 105888	Scenic reserve 19(1)(a)
2	Lot 10 DP 107110	Scenic reserve 19(1)(a)
3	Lot 10 DP 173708	Scenic reserve 19(1)(a)
4	Lot 2 DP 190449	Scenic reserve 19(1)(a)
5	Lot 3 DP 180489	Scenic reserve 19(1)(a)
6	Lot 11 DP 107110	Local purpose (accessway) reserve
7	Lot 3 DP 210113	Scenic reserve 19(1)(a)
8	Lot 24 DP 337046	Scenic reserve 19(1)(a)
9	Lot 5 DP 180211	Scenic reserve 19(1)(a)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

No information for this section

NATURAL VALUES

- Identified as a site of significant biodiversity value in the North-West Wildlink Prioritisation Report 2017.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Kōura (native freshwater crayfish) have been observed in the stream catchment.
- Significant ecological area (SEA_T_8313) within or adjacent to the parkland.
- Lignite Creek runs through areas of this parkland
- The following ecosystems are present within the parkland:
 - Forest Warm: Taraire, tawa, podocarp forest, (WF9)
 - Forest Warm: Kauri, podocarp, broadleaved, beech forest, (WF12)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The park is a large area of native bush, which is largely inaccessible to the public.
- Volunteers are undertaking pest animal control at the park and adjacent Kereru Reserve.

MANAGEMENT ISSUES

- High risk of pathogen incursion such as kauri dieback infecting kauri and other native vegetation.

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the park particularly native vegetation, wildlife and associated ecosystems.
2. Support conservation management of the park as a significant site in the North-West Wildlink (wildlife corridor) through measures such as predator control and revegetation.
3. Protect the park from pathogen incursion such as kauri dieback through maintaining the existing lack of access.
4. Encourage pest and weed control and ensure this is undertaken in accordance with kauri dieback and/or myrtle rust prevention measures. Seek biosecurity advice where necessary.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation

Recreation values

-  Connection
-  Informal recreation
-  Play space

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 16 DP 329403	Recreation reserve
2	Lot 100 DP 338332	Recreation reserve
3	Lot 104 DP 338332	Scenic reserve 19(1)(b)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Play space - neighbourhood
- Informal recreation - general
- Connection

NATURAL VALUES

- Significant ecological area (SEA_T_8020) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Broadleaved scrub/forest, (VS5)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The walkways through the reserve connect Durbin Court, Dressage Lane and Archer Rayner Place;
- Vehicle access from Dressage Lane provides maintenance access to a wastewater pump station and stormwater pond.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
3. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation
-  Park with stream running through or that is adjacent to the coast
-  Fauna e.g. birds, skinks / lizards, fish

Recreation values

-  Informal recreation

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 87 DP 466230	Local purpose (drainage) reserve
2	Lot 22 DP 201846	Scenic reserve 19(1)(b)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Informal recreation - general

NATURAL VALUES

- Kōura (native freshwater Crayfish) have been observed in the stream catchment.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8355B) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Walking trails through Eastvale Reserve and the adjacent stormwater pond link Eastvale Close and Mackay Drive.
- Volunteers undertake animal pest control in the Eastvale Reserve.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Support volunteer work being undertaken in Eastvale Reserve.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Cultural values

Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values

Historic sites including archaeological sites, structures, gardens and trees

Natural values

Significant ecological and biodiversity areas

Terrestrial and wetland ecosystems present

Other notable vegetation

Park with stream running through or that is adjacent to the coast

Fauna e.g. birds, skinks / lizards, fish

Hazards and constraints

Other hazards or constraints

Mapping features

Other parks

ID	Appellation	Land status
1	Lot 3 DP 147443	Local purpose (esplanade) reserve
2	Part Lot 14 DP 102714	Local purpose (esplanade) reserve
3	Lot 301 DP 331906	Local purpose (esplanade) reserve
4	Lot 300 DP 331906	Local purpose (esplanade) reserve
5	Section 5 SO 329101	Scenic reserve 19(1)(b)
6	Part Lot 6 DP 98304	Scenic reserve 19(1)(b)
7	Lot 3 DP 120296	Scenic reserve 19(1)(b)

92

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

No information for this section

NATURAL VALUES

- Kōura (native freshwater Crayfish) have been observed in the stream catchment.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8355C, SEA_T_8355A, SEA_T_8351, SEA_T_8352) within or adjacent to the parkland.
- Te Wharau Creek runs through areas of this parkland
- The following ecosystems are present within the parkland:
 - Forest Warm: Taraire, tawa, podocarp forest, (WF9)
 - Forest Warm: Kauri, podocarp, broadleaved forest, (WF11)
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Fernbank Reserve is a stream gully without walkway access. It has a stormwater management function.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the parks particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Support measures to protect the freshwater ecology of Te Wharau Creek.

LEASES AND LICENCES

- Not applicable



List of values associated with park

- Natural values
-  Other notable vegetation
- Recreation values
-  Informal recreation
-  Play space

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 302 DP 310598	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Play space
- Informal recreation - general

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The Upper Harbour Strategic Play Provision Assessment 2018 identifies opportunities to improve the network of play experiences in the local board area.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
2. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
3. Consider opportunities to diversify the play offering to complement the newly created play space at Huntington Reserve.

LEASES AND LICENCES

- Not applicable



List of values associated with park

- Recreation values
- Connection
 - Informal recreation
 - Play space
 - Organised sport and recreation
 - Event

Mapping features

- Other parks

ID	Appellation	Land status
1	Lot 57 DP 13702	Recreation reserve
2	Lot 56 DP 13702	Recreation reserve
3	Lot 58 DP 13702	Recreation reserve
4	Lot 59 DP 13702	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Organised sport
- Community events
- Informal recreation - general
- Play space
- Connection

NATURAL VALUES

- No information for this section

HERITAGE VALUES

- The memorial gates contain plaques from 1948 honouring local men who had given their lives in the First and Second World Wars.

OTHER INFORMATION

No information for this section

MANAGEMENT ISSUES

- High use of sports fields.

MANAGEMENT INTENTIONS

1. Consider improvements to the existing sports fields that would increase the network capacity for sports codes and lit training in the area.
2. Consider planting trees to provide shade at the playground without compromising the existing sports fields.

LEASES AND LICENCES

Current and contemplated leases and licences for:

- Organised sport and facilities including tennis.



List of values associated with park

Cultural values

Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values

Historic sites including archaeological sites, structures, gardens and trees

Natural values

Significant ecological and biodiversity areas

Terrestrial and wetland ecosystems present

Other notable vegetation

Park with stream running through or that is adjacent to the coast

Hazards and constraints

Coastal hazards

Other hazards or constraints

Mapping features

Other parks

Advocacy parcels

Road

ID	Appellation	Land status
1	Lot 3 DP 484401	Local purpose (esplanade) reserve
2	Lot 4 DP 163127	Local purpose (esplanade) reserve
3	Lot 3 DP 62236	Local purpose (esplanade) reserve
4	Lot 3 DP 152052	Local purpose (esplanade) reserve
5	Lot 6 DP 159641	Local purpose (esplanade) reserve
6	Lot 3 DP 157957	Local purpose (esplanade) reserve
7	Lot 4 DP 154030	Local purpose (esplanade) reserve
8	Lot 4 DP 170543	Local purpose (esplanade) reserve
9	Lot 3 DP 100302	Local purpose (esplanade) reserve
10	Lot 3 DP 114019	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological sites of Māori origin - Midden (CHI No. 17748, 17749, 17770).

RECREATION VALUES

No information for this section

NATURAL VALUES

- High natural character - Oruamo Creek (area 101).
- Identified as a site of significant biodiversity value in the North-West Wildlink Prioritisation Report 2017.
- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8313, SEA-M1-58a, SEA-M2-58b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Forest Warm: Kauri, podocarp, broadleaved, beech forest, (WF12)
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Forest Warm: Coastal broadleaved forest, (WF4)
 - Forest Warm: Taraire, tawa, podocarp forest, (WF9)

1. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
2. Maintain the high natural character of the park as part of the Oruamo Creek escarpment.
3. Support conservation management of the park as a significant site in the North-West Wildlink (wildlife corridor).
4. Activities within the park must not adversely affect or compromise the electricity transmission lines.
5. Work with Auckland Transport over the management of unformed legal road that is utilised as parkland, including any opportunities that arise to formalise the management of the land as park.
6. Work with mana whenua to identify, protect and interpret Māori heritage.

LEASES AND LICENCES

- Not applicable

HERITAGE VALUES

- Reported historic site - building / house (CHI No. 17904).
- Historic structure - fence (CHI No. 17771).
- Maritime site - hulk (CHI No. 17772).

OTHER INFORMATION

- Largely inaccessible to the public due to its location.
- The esplanade is connected by a section of unformed legal road which is under the control of Auckland Transport.
- National Grid/high-voltage powerlines go through this parkland which has implications for how park access and development is managed, to ensure the health and safety of the public. This limits the types of activities the reserve can provide e.g. kite flying
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS



List of values associated with park

- Recreation values
-  Informal recreation
 -  Play space

- Hazards and constraints
-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 51 DP 375324	Local purpose (drainage) reserve
2	Lot 59 DP 375324	Local purpose (accessway) reserve
3	Lot 50 DP 375324	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Play space
- Informal recreation - general

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The walkways in the park connect Huntington Park Drive, Kyle Road and Lemon Grove Lane.
- Lot 51 DP 375324 is largely occupied by fenced a stormwater pond and surrounding plantings.
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

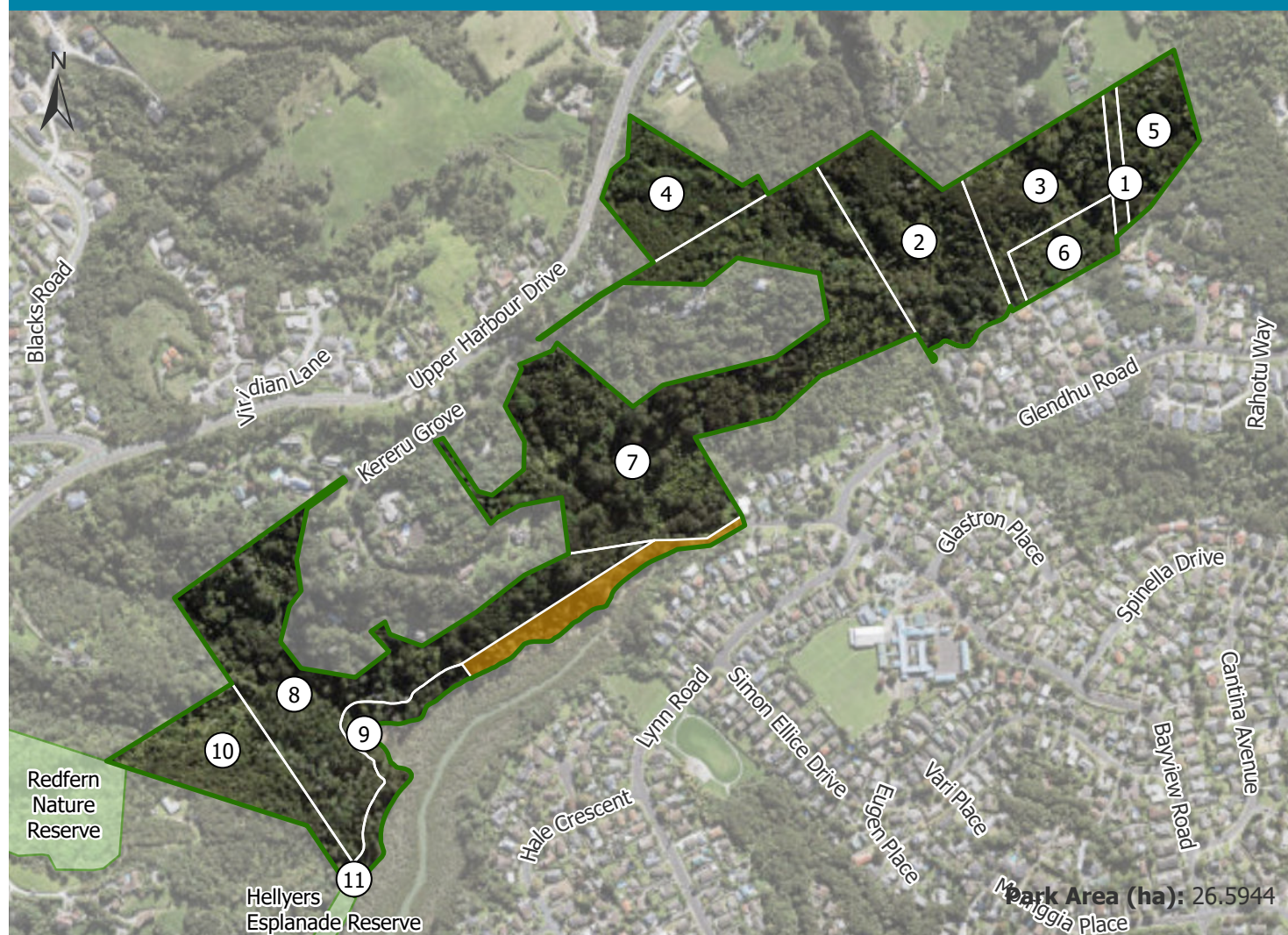
No information for this section

MANAGEMENT INTENTIONS

1. Support planting activities that improve water quality in Lucas Creek.
2. Consider planting trees to improve shade.
3. Planting must not compromise sightlines into the park.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation
-  Park with stream running through or that is adjacent to the coast
-  Fauna e.g. birds, skinks / lizards, fish

Hazards and constraints

-  Coastal hazards
-  Other hazards or constraints

Mapping features

-  Other parks
-  Road

ID Appellation

Land status

1	Lot 28 DP 188866	Scenic reserve 19(1)(a)
2	Part Lot 5 DP 59277	Scenic reserve 19(1)(a)
3	Part Lot 2 DP 117222	Scenic reserve 19(1)(a)
4	Lot 3 DP 99888	Scenic reserve 19(1)(a)
5	Lot 23 DP 188866	Scenic reserve 19(1)(a)
6	Lot 3 DP 117222	Scenic reserve 19(1)(a)
7	Lot 14 DP 107773	Scenic reserve 19(1)(a)
8	Lot 16 DP 107774	Scenic reserve 19(1)(a)
9	Lot 19 DP 107774	Scenic reserve 19(1)(a)
10	Lot 3 DP 137024	Scenic reserve 19(1)(a)
11	Lot 5 DP 137024	Scenic reserve 19(1)(a)

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

No information for this section

NATURAL VALUES

- High natural character - Oruamo Creek (area 101).
- Identified as a site of significant biodiversity value in the North-West Wildlink Prioritisation Report 2017.
- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M1-58a, SEA_T_8313) within or adjacent to the parkland.
- Lignite Creek runs through areas of this parkland
- The following ecosystems are present within the parkland:
 - Forest Warm: Kauri, podocarp, broadleaved, beech forest, (WF12)
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Forest Warm: Taraire, tawa, podocarp forest, (WF9)

HERITAGE VALUES

- Maritime site - Hellyers Creek water supply site (CHI No. 76).
- Hellyers Creek water supply site is scheduled for additional protection. Historic Heritage Overlay rules should be adhered to for works in the park.

OTHER INFORMATION

- The majority of this park is within the Upper Harbour Local Board area, with the exception of one parcel Lot 3 DP 142477, which is in the Kaipātiki Local Board area.
- A portion of this park is unformed legal road. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- Existing trails are limited to those near Glendhu Road.
- National Grid/high-voltage powerlines go through this parkland which has implications for how park access and development is managed, to ensure the health and safety of the public. This limits the types of activities the reserve can provide e.g. kite flying
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact

on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

- High risk of pathogen incursion such as kauri dieback infecting kauri and other native vegetation.

MANAGEMENT INTENTIONS

1. Maintain natural values within the parks, particularly native vegetation, wildlife and associated ecosystems.
2. Support conservation management of the park as a significant site in the North-West Wildlink (wildlife corridor) through measures such as predator control and revegetation.
3. Maintain the high natural character of the park as part of the Oruamo Creek escarpment.
4. Support opportunities to protect the park from pathogen incursion such as kauri dieback, including track closure, track upgrades, discouraging any paths near kauri, fencing and hygiene measures.
5. Encourage pest and weed control and ensure this is undertaken in accordance with kauri dieback and/or myrtle rust prevention measures. Seek biosecurity advice where necessary.
6. Work together with the Kaipātiki Local Board over the management of the reserve, including opportunities to enhance mutual ecological benefits for the wider Kereru Reserve.
7. Work with Auckland Transport over the management of unformed legal road that is utilised as parkland.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Cultural values



Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values



Historic sites including archaeological sites, structures, gardens and trees

Natural values



Significant ecological and biodiversity areas



Terrestrial and wetland ecosystems present



Park with stream running through or that is adjacent to the coast

Recreation values



Connection



Informal recreation

Hazards and constraints



Coastal hazards



Other hazards or constraints

Mapping features



Other parks

ID Appellation

1	Lot 40 DP 87041
2	Lot 33 DP 87040
3	Lot 39 DP 87040
4	Lot 41 DP 87040
5	Lot 42 DP 87039
6	Lot 3 DP 415087
7	Lot 38 DP 87039
8	Lot 3 DP 47852

Land status

Local purpose (esplanade) reserve
Recreation reserve
Local purpose (esplanade) reserve
Local purpose (esplanade) reserve
Local purpose (esplanade) reserve
Local purpose (esplanade) reserve
Local purpose (esplanade) reserve
Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological site of Māori origin - Midden (CHI No. 17740).

RECREATION VALUES

- Informal recreation - general
- Connection

NATURAL VALUES

- Identified as a site with estuarine margin habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Walkways through the recreation reserve connect the surrounding street (Kingfisher Grove).
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the parks particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Support planting activities that improve water quality in Lucas Creek.
3. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation

Recreation values

-  Informal recreation

Hazards and constraints

-  Coastal hazards
-  Other hazards or constraints

Mapping features

-  Other parks
- Advocacy parcels
-  Road

ID	Appellation	Land status
1	Lot 78 DEEDS 623	Local purpose (esplanade) reserve
2	Lot 3 DP 322505	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Informal recreation - general

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8319) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Forest Warm: Coastal broadleaved forest, (WF4)
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- A small vegetated triangle to the north of the park is legal road acting as park. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- The access road within the park leads to a wastewater pumpstation.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Work with Auckland Transport over the management of unformed legal road that is currently utilised as parkland.
2. Maintain natural values within the parks particularly native vegetation, wildlife and associated ecosystems.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present

Recreation values

-  Informal recreation

Hazards and constraints

-  Coastal hazards
-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 35 Deeds Plan 624	Recreation reserve
2	Lot 2 DP 119477	Scenic reserve 19(1)(b)

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Informal recreation - general

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8319) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.

MANAGEMENT ISSUES

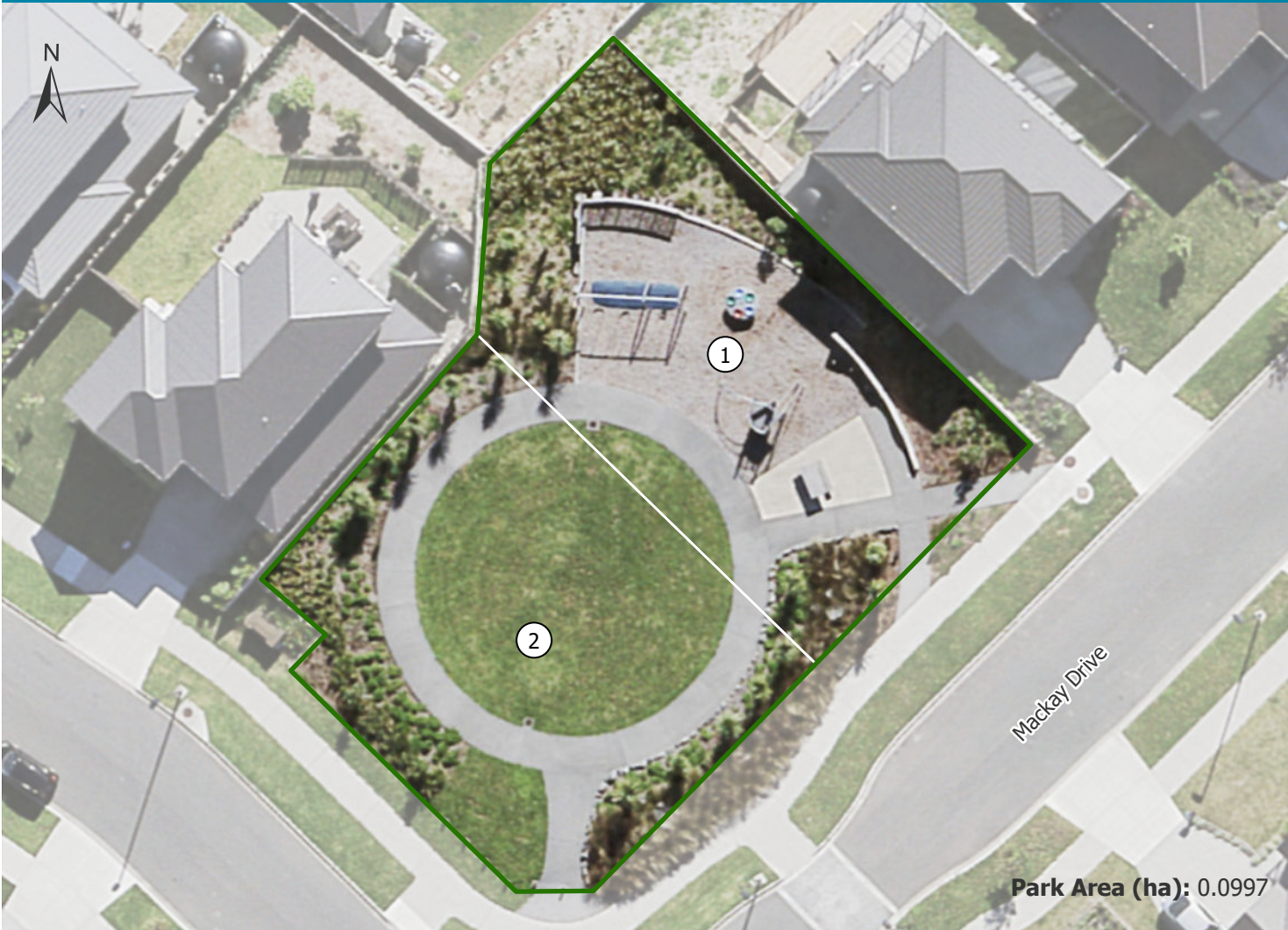
No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
2. Work with mana whenua to identify, protect and interpret Māori heritage.

LEASES AND LICENCES

- Not applicable



List of values associated with park

- Recreation values
-  Informal recreation
 -  Play space

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 84 DP 466230	Recreation reserve
2	Lot 85 DP 466227	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Play space
- Informal recreation - general

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
2. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

- Significant ecological and biodiversity areas
- Terrestrial and wetland ecosystems present
- Park with stream running through or that is adjacent to the coast

Recreation values

- Connection

- Informal recreation
- Hazards and constraints
 - Coastal hazards
 - Other hazards or constraints

Mapping features

- Other parks
- Advocacy parcels
- Road

ID	Appellation	Land status
1	Lot 25 DP 17981	Local purpose (esplanade) reserve
2	Lot 59 DP 145865	Scenic reserve 19(1)(b)
3	Lot 18 DP 145822	Local purpose (accessway) reserve
4	Lot 58 DP 145865	Recreation reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Informal recreation - general
- Walking trails
- Nature based activities
- Connection

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Broadleaved scrub/forest, (VS5)

HERITAGE VALUES

- Heritage fruit trees

OTHER INFORMATION

- Volunteers undertake ecological restoration activities including pest management and planting native vegetation.
- Adjacent to the northern boundary of Oratau Reserve is an area of unformed legal road that functions as park land. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- The Lucas Creek sedimentation report 2018 identifies areas within the stream catchment where planting could help reduce sediment inputs into the marine environment.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
2. Maintain the natural character of the park and consider opportunities to improve park users' experience and ability to connect with nature
3. Support planting activities that improve

water quality in Lucas Creek.

4. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
5. Protect and maintain the heritage fruit trees to ensure their long-term health and the preservation of unique local heritage varieties.
6. Work with Auckland Transport over the management of unformed legal road that is utilised as parkland.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 2 DP 199522	Local purpose (drainage) reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

No information for this section

NATURAL VALUES

- Significant ecological area (SEA_T_8023) within or adjacent to the parkland.

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Primary function is stormwater management. Contains a stormwater pond.

MANAGEMENT ISSUES

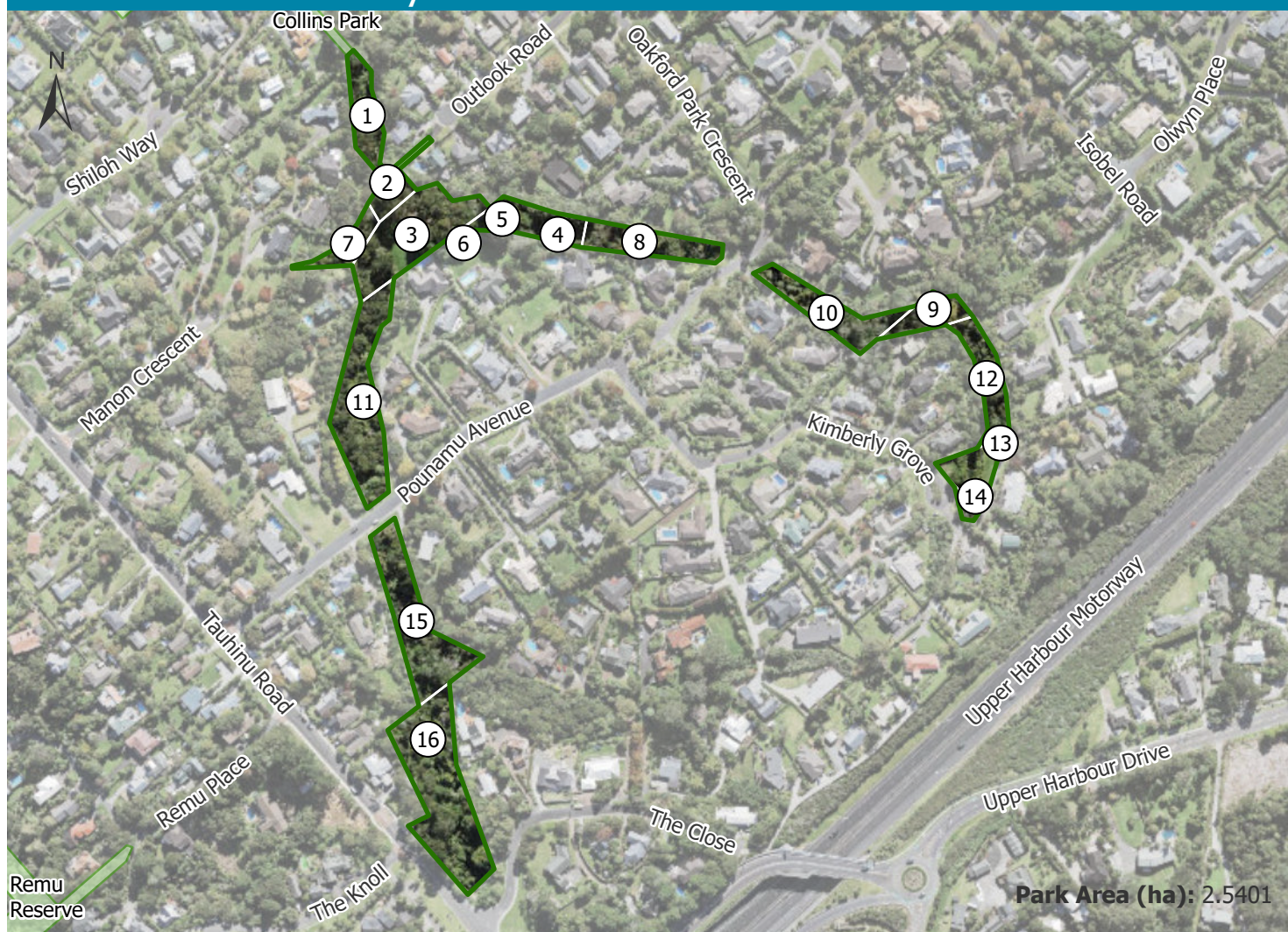
No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Other notable vegetation
-  Park with stream running through or that is adjacent to the coast
-  Fauna e.g. birds, skinks / lizards, fish

Recreation values

-  Informal recreation

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 2 DP 85941	Recreation reserve
2	Lot 2 DP 95176	Recreation reserve
3	Lot 1 DP 123942	Recreation reserve
4	Lot 11 DP 159336	Recreation reserve
5	Lot 38 DP 168907	Recreation reserve
6	Lot 18 DP 111519	Recreation reserve
7	Lot 7 DP 148536	Recreation reserve
8	Lot 36 DP 168907	Recreation reserve
9	Lot 3 DP 161256	Local purpose (esplanade) reserve
10	Lot 39 DP 180862	Local purpose (esplanade) reserve
11	Lot 16 DP 111519	Recreation reserve
12	Lot 3 DP 164917	Scenic reserve 19(1)(b)
13	Lot 18 DP 166683	Scenic reserve 19(1)(b)
14	Lot 6 DP 163806	Scenic reserve 19(1)(b)
15	Lot 15 DP 111519	Recreation reserve
16	Lot 3 DP 130378	Scenic reserve 19(1)(b)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Informal recreation - general

NATURAL VALUES

- Banded kōkopu (native fish species) have been recorded in the stream catchment.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8007, SEA_T_8010) within or adjacent to the parkland.

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The parks forms part of a network of parks, which stretch from Upper Harbour Highway to Greenhithe Road. With the exception of Collins Park, the parks that are part of this network are mostly stream gullies with associated vegetation buffers, that are inaccessible to the public.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

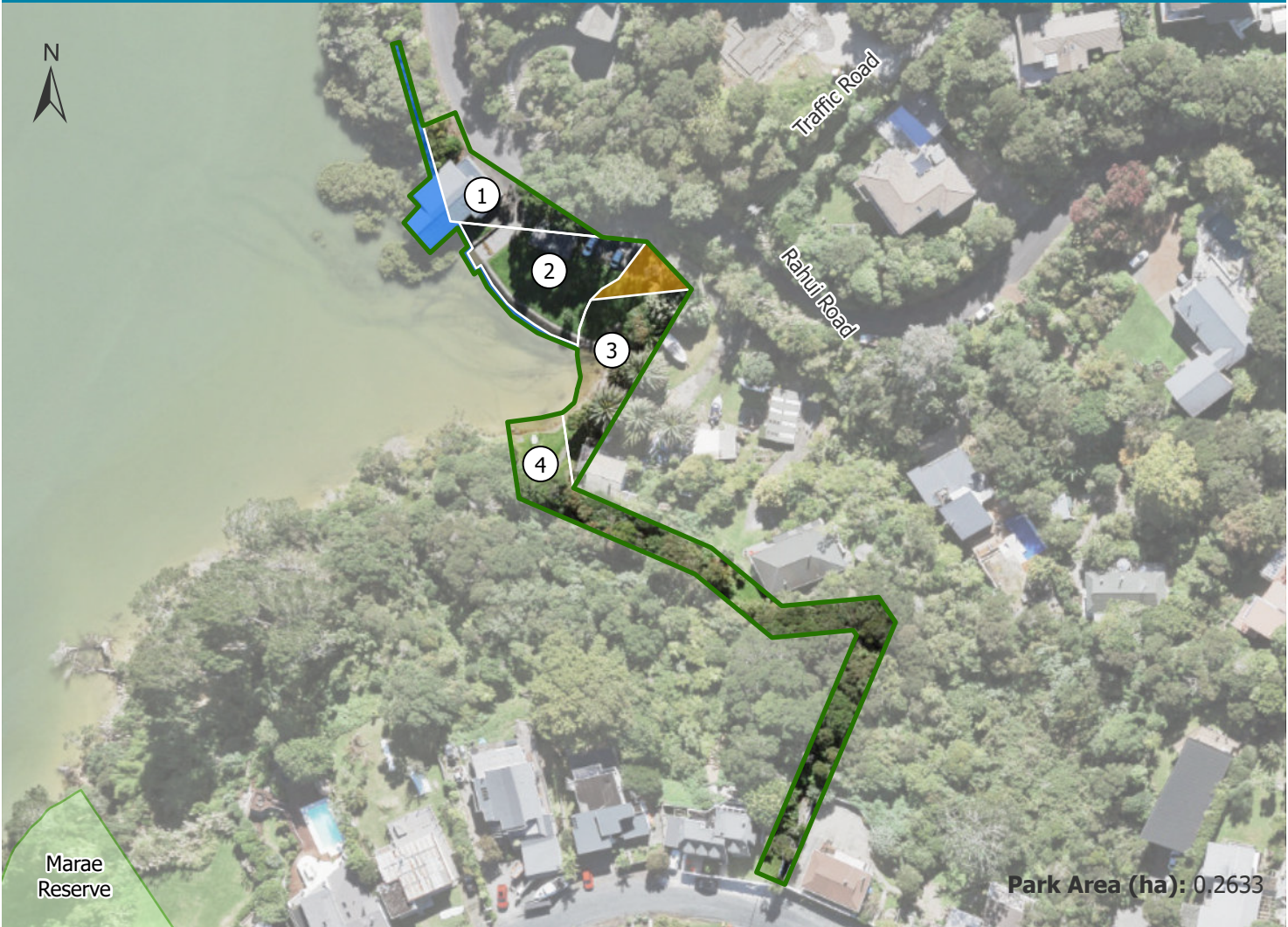
No information for this section

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the parks particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Continue to support the work of volunteers in the parks.

LEASES AND LICENCES

- Not applicable



List of values associated with park		ID	Appellation	Land status
Heritage values	Informal recreation	1	Allot 697 PSH OF Paremoremo	Recreation reserve
Historic sites including archaeological sites, structures, gardens and trees	Hazards and constraints	2	Lot 1 DP 450016	Local purpose (esplanade) reserve
	Coastal hazards	3	Lot 43 DP 23734	Local purpose (esplanade) reserve
Natural values	Other hazards or constraints	4	Lot 79 DEEDS 624	Local purpose (accessway) reserve
Significant ecological and biodiversity areas	Mapping features			
Terrestrial and wetland ecosystems present	Other parks			
	Road			
Recreation values	Common Marine and Coastal Area			
Water access				
Connection				

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua

RECREATION VALUES

- Boat launching
- Water based activities
- Connection
- Informal recreation - general

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8433, SEA_T_8319) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)

HERITAGE VALUES

- Recorded historic structure - Tauhinu Sea Scouts Den (CHI No. 19648).
- Recorded maritime site - Greenhithe Wharf (CHI No. 191), in the adjacent coastal marine area.
- Tauhinu Sea Scouts Den site is scheduled for additional protection. Historic Heritage Overlay rules must be adhered to for works in the park.

OTHER INFORMATION

- Contains a small triangle of unformed legal road. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- The boat ramp provides direct water access at high tide only.
- A coastal permit is in place for the scout den to occupy the coastal marine area until 2029.
- The Upper Harbour Water Access Assessment 2019 identifies opportunities to improve water access for sport and recreation across the local board area.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

- Limited parking within the road corridor restricts capacity for use and development

of the park

- Coastal hazards particularly coastal erosion threatening the pathway on Lot 43 DP 23734 that connects to Marae Road.

MANAGEMENT INTENTIONS

1. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
2. Consider opportunities to renew the boat ramp at the end of its natural lifecycle and retain public water access at this location.
3. Monitor the rate of coastal erosion and consider the outcomes of any future coastal compartment management planning.
4. Work with Auckland Transport to improve pedestrian access to the park from Traffic Road.

LEASES AND LICENCES

Current and contemplated leases and licences on the recreation reserve land for:

- Marine related recreation activities and facilities including sea scouts.



List of values associated with park

- Natural values
-  Significant ecological and biodiversity areas
 -  Terrestrial and wetland ecosystems present

- Recreation values
-  Informal recreation

- Hazards and constraints
-  Coastal hazards
 -  Other hazards or constraints

- Mapping features
-  Other parks

ID	Appellation	Land status
1	Lot 3 DP 177949	Local purpose (esplanade) reserve
2	Lot 3 DP 70863	Local purpose (esplanade) reserve
3	Lot 3 DP 92108	Local purpose (esplanade) reserve
4	Lot 3 DP 73918	Local purpose (esplanade) reserve
5	Lot 3 DP 64359	Local purpose (esplanade) reserve
6	Lot 4 DP 170792	Local purpose (esplanade) reserve
7	Lot 12 DP 203263	Local purpose (esplanade) reserve
8	Lot 10 DP 83569	Local purpose (esplanade) reserve
9	Lot 4 DP 153363	Local purpose (esplanade) reserve
10	Lot 15 DP 15336	Local purpose (accessway) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Informal recreation - general

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8317, SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Forest Warm: Coastal broadleaved forest, (WF4)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The park is made up of a number of disconnected esplanade reserves, which are dominated by steep coastal cliffs. An accessway at the southern end of Rame Road provides access to the water.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

- Coastal cliff erosion is evident in places and some of the (former) land that made up the park may now be located in the Common Marine and Coastal Area.

MANAGEMENT INTENTIONS

1. Maintain natural values within the park particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Work with mana whenua to identify, protect and interpret Māori heritage.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

- Significant ecological and biodiversity areas
- Terrestrial and wetland ecosystems present
- Park with stream running through or that is adjacent to the coast

Recreation values

- Water access

Informal recreation

Hazards and constraints

- Coastal hazards
- Other hazards or constraints

Mapping features

- Other parks
- Advocacy parcels
- Road

ID	Appellation	Land status
1	Allot 673 PSH OF Paremoremo	Recreation reserve
2	Lot 1 DP 169267	Recreation reserve
3	Part Lot 34 DP 17981	Scenic reserve 19(1)(a)
4	Allot 674 PSH OF Paremoremo	Recreation reserve
5	Section 1 SO 67770	Recreation reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua

RECREATION VALUES

- Boat / kayak launching
- Water based activities
- Walking trails

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Forest Warm: Coastal broadleaved forest, (WF4)
 - Regenerating: Broadleaved scrub/forest, (VS5)
 - Saline: Mangrove forest and scrub, (SA1.2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Panuku Development Auckland maintains a dinghy locker adjacent to the boat ramp.
- Rame Road extends through the park extent to the rowing storage building and is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- The Upper Harbour Water Access Assessment 2019 identifies opportunities to improve water access for sport and recreation across the local board area.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

- The boat ramp structure has split public and private access, and recreational users will need to confine their activities accordingly.

MANAGEMENT INTENTIONS

1. Manage and enhance as a strategic facility for rowing and canoeing activity within the network.
2. Retain public boat ramp access at this location to support an adequate level of geographic provision for water access across the network.

3. Work with adjoining land owners to improve boat ramp access as opportunities allow.
4. Consider the rowing club's proposal to upgrade the existing storage facility.
5. Work with Auckland Transport on the management of council assets that extend onto legal road, including the public toilets.
6. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
7. Work with mana whenua to identify, protect and interpret Māori heritage.

LEASES AND LICENCES

Current and contemplated leases and licences on the recreation reserve land for:

- Marine related recreation activities and facilities including rowing club.



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 1 DP 99075	Scenic reserve 19(1)(a)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

No information for this section

NATURAL VALUES

- Identified as a site of significant biodiversity value in the North-West Wildlink Prioritisation Report 2017.
- Identified as a site with forest habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8313) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Forest Warm: Kauri, podocarp, broadleaved, beech forest, (WF12)

HERITAGE VALUES

- No information for this section

OTHER INFORMATION

- Volunteers undertake pest animal control.

MANAGEMENT ISSUES

- High risk of pathogen incursion such as kauri dieback infecting kauri and other native vegetation.

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the parks, particularly native vegetation, wildlife and associated ecosystems.
2. Support conservation management of the park as a significant site in the North-West Wildlink (wildlife corridor) through measures such as predator control and revegetation.
3. Protect the park from pathogen incursion such as kauri dieback through maintaining the existing lack of access.
4. Encourage pest and weed control and ensure this is undertaken in accordance with kauri dieback and/or myrtle rust prevention measures. Seek biosecurity advice where necessary.
5. Ensure activities within the park do not compromise the electricity transmission lines.

LEASES AND LICENCES

- Not applicable



List of values associated with park

- Natural values
-  Significant ecological and biodiversity areas
 -  Terrestrial and wetland ecosystems present
 -  Other notable vegetation

- Recreation values
-  Informal recreation

- Hazards and constraints
-  Coastal hazards
 -  Other hazards or constraints

- Mapping features
-  Other parks

ID	Appellation	Land status
1	Lot 8 DP 183849	Local purpose (esplanade) reserve
2	Lot 7 DP 183849	Scenic reserve 19(1)(b)
3	Lot 1 DP 193362	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

- Nature based activities
- Walking trails
- Informal recreation - general

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8319) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Forest Warm: Coastal broadleaved forest, (WF4)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Contains a wastewater pump station which is the responsibility of Watercare.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park, particularly native vegetation, wildlife and associated ecosystems.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Recreation values

-  Informal recreation
-  Play space

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

Advocacy parcels

-  Road

ID	Appellation	Land status
1	Lot 23 DP 201975	Recreation reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Informal recreation - general
- Play space

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The large berm immediately adjoining the park on Shelter Drive is utilised as parkland. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
2. Planting must not compromise the ability for informal recreation to take place in the open space.
3. Work with Auckland Transport over the management of unformed legal road that is utilised as parkland.

LEASES AND LICENCES

- Not applicable



List of values associated with park

- Cultural values



Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement
- Heritage values



Historic sites including archaeological sites, structures, gardens and trees
- Natural values



Significant ecological and biodiversity areas
- 

Terrestrial and wetland ecosystems present
- 

Other notable vegetation
- 

Coastal hazards
- 

Other hazards or constraints
- 

Other parks

Hazards and constraints

Mapping features

ID	Appellation	Land status
1	Lot 10 DP 113399	Scenic reserve 19(1)(a)
2	Allotment 663 Parish of Paremoremo	Scenic reserve 19(1)(a)
3	Lot 5 DP 152983	Scenic reserve 19(1)(a)

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological site of Māori origin - Pā site / findspot (CHI No. 6840), midden (CHI No. 17747).
- Pā site / midden within the park is scheduled for additional protection. Historic Heritage Overlay rules should be adhered to for works in the park.

RECREATION VALUES

No information for this section

NATURAL VALUES

- Identified as a site of significant biodiversity value in the North-West Wildlink Prioritisation Report 2017.
- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- High natural character - Oruamo Creek (area 101).
- Significant ecological area (SEA-M2-58b, SEA_T_8313, SEA-M1-58a) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Forest Warm: Coastal broadleaved forest, (WF4)
 - Forest Warm: Kauri, podocarp, broadleaved, beech forest, (WF12)
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Regenerating: Broadleaved scrub/forest, (VS5)
 - Saline: Mangrove forest and scrub, (SA1.2)

HERITAGE VALUES

- Maritime site - walkway / coastal platform (CHI No. 17746).

OTHER INFORMATION

- Volunteers undertake restoration work including pest management.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

- High risk of pathogen incursion such as kauri dieback infecting kauri and other native vegetation.

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the park, particularly native

vegetation, wildlife and associated ecosystems.

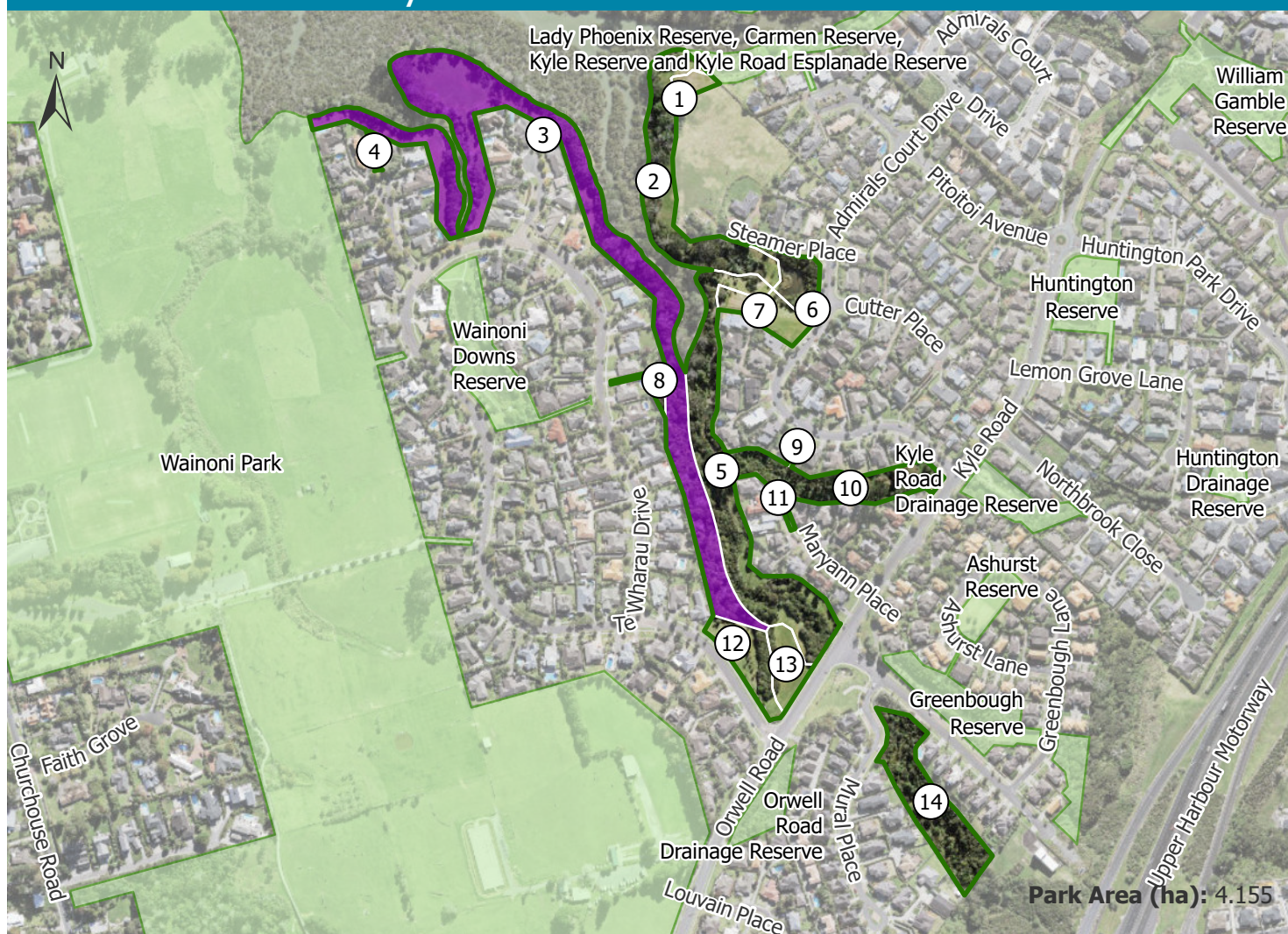
2. Maintain the high natural character of the park as part of the Oruamo Creek escarpment
3. Support conservation management of the park as a significant site in the North-West Wildlink (wildlife corridor) through measures such as predator control and revegetation.
4. Support opportunities to protect the park from pathogen incursion such as kauri dieback, including track closure, track upgrades, discouraging any paths near kauri, fencing and hygiene measures.
5. Encourage pest and weed control and ensure this is undertaken in accordance with kauri dieback and/or myrtle rust prevention measures. Seek biosecurity advice where necessary.
6. Work with mana whenua to identify, protect and interpret Māori heritage.

LEASES AND LICENCES

- Not applicable

Te Wharau Creek Esplanade Reserve, Admirals Court Reserve and Kyle Road Reserve

14 Admirals Court Drive,
Greenhithe



List of values associated with park

Cultural values



Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values



Historic sites including archaeological sites, structures, gardens and trees

Natural values



Significant ecological and biodiversity areas



Terrestrial and wetland ecosystems present



Park with stream running through or that is adjacent to the coast



Fauna e.g. birds, skinks / lizards, fish

Recreation values



Connection



Informal recreation

Hazards and constraints



Coastal hazards



Other hazards or constraints

Mapping features



Other parks

Advocacy parcels



Crown Land

ID Appellation

Land status

1	Lot 86 DP 201752	Recreation reserve
2	Lot 79 DP 201752	Local purpose (esplanade) reserve
3	Lot 203 DP 196200	Recreation reserve
4	Lot 210 DP 197099	Local purpose (accessway) reserve
5	Lot 352 DP 201198	Local purpose (esplanade) reserve
6	Lot 77 DP 207374	Local purpose (drainage) reserve
7	Lot 350 DP 203679	Recreation reserve
8	Lot 202 DP 196200	Local purpose (accessway) reserve
9	Lot 306 DP 203679	Local purpose (accessway) reserve
10	Lot 351 DP 203679	Local purpose (esplanade) reserve
11	Lot 305 DP 201198	Local purpose (accessway) reserve
12	Lot 201 DP 196200	Recreation reserve
13	Lot 353 DP 201198	Recreation reserve
14	Lot 16 DP 439506	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological site of Māori origin - Midden (CHI No. 11171), in the adjacent coastal marine area.

RECREATION VALUES

- Connection
- Informal recreation - general

NATURAL VALUES

- The freshwater ecology in Te Wharau Creek has been identified as of outstanding value.
- Banded kōkopu (native fish species), kōura (native freshwater crayfish), inanga, longfin eel and common bully have been recorded in the stream catchment.
- Identified as a site with estuarine margin habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8406, SEA_T_8018, SEA-M2-57b) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Saline: Mangrove forest and scrub, (SA1.2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The parks forms part of an extensive network on the northern side of Greenhithe, along Lucas Creek from Kunzea Place in the East to Rame Road in the West. Parks within the network include Kyle Road Esplanade Reserve, Kingfisher Esplanade Reserve, Wainoni Park, Awatahi Reserve and Rame Reserve.
- A large part of the open space between Collins Park and Te Wharau Drive is Crown-owned land, the Te Wharau Creek Marginal Strip. This land is not within scope of the policies and intentions in this plan, although the local board may wish to advocate for outcomes on this land. The walkway connection between the start of Te Wharau Drive and 112 Te Wharau Drive is largely within the marginal strip.
- A wastewater pump station is located at the end of Samuel Cross Place. This pump station is managed by Watercare.
- A stormwater pond is located in the eastern part of the park and there is a vehicle access at the end of Kyle Road Reserve.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.

- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain and seek to enhance natural values within the parks particularly native vegetation, wildlife, associated ecosystems.
2. Support measures to protect the freshwater ecology of Te Wharau Creek.
3. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
4. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
5. Where opportunities arise, work with the Department of Conservation (who are responsible for managing the Crown owned land) to protect the park values and enhance mutual benefits.
6. Seek for the Crown owned land to be vested in council to manage.
7. Activities within the park must not adversely affect or compromise the electricity transmission lines.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Significant ecological and biodiversity areas
-  Terrestrial and wetland ecosystems present
-  Other notable vegetation

Hazards and constraints

-  Coastal hazards
-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 6 DP 190181	Scenic reserve 19(1)(b)
2	Lot 5 DP 190181	Scenic reserve 19(1)(b)
3	Lot 3 DP 172372	Local purpose (esplanade) reserve
4	Lot 18 DP 160724	Scenic reserve 19(1)(b)
5	Lot 19 DP 160724	Local purpose (esplanade) reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.

RECREATION VALUES

No information for this section

NATURAL VALUES

- Identified as a site with forest and estuarine margin habitats and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA_T_8319) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Forest Warm: Coastal broadleaved forest, (WF4)
 - Saline: Mangrove forest and scrub, (SA1.2)
 - Regenerating: Kānuka scrub/forest, (VS2)

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- Contains designations for the North Harbour watermain (Watercare, 9376), northern interceptor wastewater pipeline (Watercare, 9375) and State Highway 18 (NZTA, 6756).
- There is a right of way easement registered for Lot 18 DP 160724.
- The park is steep and largely inaccessible to the public.
- To the east it adjoins Remu Reserve.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to erosion is likely to be a challenge that will need to be managed appropriately.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Work with Watercare and Waka Kotahi NZ Transport Agency in regards to the designations over the park.

LEASES AND LICENCES

- Not applicable



List of values associated with park

Natural values

-  Terrestrial and wetland ecosystems present

Recreation values

-  Connection
-  Informal recreation

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks

ID	Appellation	Land status
1	Lot 200 DP 196200	Local purpose (drainage) reserve
2	Lot 211 DP 196200	Local purpose (accessway) reserve

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Informal recreation - general
- Connection

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- The park is dominated by a stormwater pond, but also provides for recreation.
- The walkways through the park connect different parts of Te Wharau Drive.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Retain the existing open space for informal recreation.

LEASES AND LICENCES

- Not applicable



Park Area (ha): 38.5307
Durbin Reserve

List of values associated with park

Cultural values

- Wāhi tūpuna (ancestral sites) including historical pā and places where other artefacts have been found indicating Māori settlement

Heritage values

- Historic sites including archaeological sites, structures, gardens and trees

Natural values

- Significant ecological and biodiversity areas
- Terrestrial and wetland ecosystems present
- Park with stream running through or that is adjacent to the coast



Fauna e.g. birds, skinks / lizards, fish

Recreation values



Connection



Informal recreation



Community leisure and recreation facilities



Play space



Organised sport and recreation



Event

Hazards and constraints



Coastal hazards



Other hazards or constraints

Mapping features



Other parks

ID Appellation

Land status

1	Lot 8 DP 53306	Local purpose (esplanade) reserve
2	Lot 6 DP 10508	Recreation reserve
3	Lot 209 DP 197099	Local purpose (accessway) reserve
4	Lot 208 DP 196200	Local purpose (accessway) reserve
5	Lot 1 DP 69817	Subject to the Local Government Act 2002
6	Lot 2 DP 69817	Recreation reserve
7	Lot 9 DP 10508	Recreation reserve
8	Lot 1 DP 10508	Recreation reserve
9	Lot 8 DP 10508	Recreation reserve
10	Lot 2 DP 10508	Recreation reserve
11	Lot 5 DP 10508	Recreation reserve
12	Part Lot 4 DP 10508 (SO 68629)	Recreation reserve
13	Part Allot 18 PSH OF Paremoro	Recreation reserve
14	Lot 1 DP 53735	Recreation reserve
15	Part Lot 3 DEEDS 34	Recreation reserve

CULTURAL VALUES

- Area of cultural significance - refer to mana whenua.
- Archaeological sites of Māori origin - Middens (CHI No. 17736, 17737, 17738, 17739).

RECREATION VALUES

- Playspace
- Informal recreation - general
- Nature based activities
- Organised sport
- Connection
- Equestrian
- Organised sports
- Community events

NATURAL VALUES

- The park interfaces with Te Wharau Creek.
- The presence of native fish has been identified in the stream catchment.
- Identified as a site with estuarine margin habitat and habitat connections in the Upper Harbour Pest Free and Ecological Connectivity Strategy 2021.
- Significant ecological area (SEA-M2-57b, SEA_T_8406, SEA_T_8003) within or adjacent to the parkland.
- The following ecosystems are present within the parkland:
 - Regenerating: Kānuka scrub/forest, (VS2)
 - Saline: Mangrove forest and scrub, (SA1.2)

HERITAGE VALUES

- Archaeological site - historic domestic (CHI No. 23027).
- Reported historic site - wharf (CHI No. 17906).
- Heritage fruit trees.

OTHER INFORMATION

- Public access on leased land is subject to rules.
- Contains a designation for the northern interceptor wastewater pipeline (Watercare, 9375).
- North-eastern corner connects to Crown land Te Wharau Creek Marginal Strip.
- For information on the history of the park refer to the previous Wainoni Park Management Plan 1994.
- The Upper Harbour Greenways / Local Paths Plan 2019 presents a vision of a complete network of shared paths linking the parks network and other amenities.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- During storm events areas of the parkland may be subject to coastal inundation that will temporarily limit the use of some areas.
- Areas of the parkland are vulnerable to coastal erosion. Over time, this can impact on recreational use, park assets and facilities. The vulnerability of the parkland to

erosion is likely to be a challenge that will need to be managed appropriately.

- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

- Leased land with a primary equestrian function may be used by the public for incompatible recreational activities.

MANAGEMENT INTENTIONS

1. Manage as a hub for equestrian sport in Auckland's northern region
2. Maintain measures that ensure safe interaction between people, dogs and horses within the park, particularly leased areas
3. Maintain and seek to enhance natural values within the park, particularly native vegetation, wildlife and associated ecosystems.
4. Protect the natural character of the park and improve park users' experience and ability to connect with nature.
5. Manage the riparian edge with Te Wharau Creek, Greenhithe Stream and the northern stream to improve instream ecological health and enhance visual amenity.
6. Protect and maintain the heritage fruit trees to ensure their long-term health and the preservation of unique local heritage varieties.
7. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
8. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
9. Consider whether opportunities exist to improve connections through the park as part of the greenways network.

LEASES AND LICENCES

Current and contemplated leases and licences on the recreation reserve land for:

- Provision of community activities and services including therapeutic horse riding
- Recreation activities and facilities including equestrian and dog exercise
- Organised sport and facilities including football.

Current and contemplated leases and licences on the land held under the Local Government Act for:

- Residential tenancies.



List of values associated with park

Natural values

-  Terrestrial and wetland ecosystems present
-  Park with stream running through or that is adjacent to the coast

Recreation values

-  Connection
-  Informal recreation

Hazards and constraints

-  Other hazards or constraints

Mapping features

-  Other parks
-  Road

ID	Appellation	Land status
1	Lot 301 DP 331909	Recreation reserve
2	Lot 200 DP 207425	Scenic reserve 19(1)(b)

CULTURAL VALUES

- Refer to mana whenua

RECREATION VALUES

- Connection
- Informal recreation - general

NATURAL VALUES

- No information for this section

HERITAGE VALUES

No information for this section

OTHER INFORMATION

- A walkway connects two ends of Kyle Road and provides a green link to Upper Harbour Primary School. The walkway is largely on unformed legal road which is acting as park land. While Auckland Council maintains this land, it is under the control of Auckland Transport. The general policies and provisions of this plan will guide the local board's position and any future input into management or development of this area where it is sought.
- Another walkway connection within the park links to William Gamble Drive.
- The Upper Harbour Greenways / Local Paths Plan 2019 presents a vision of a complete network of shared paths linking the parks network and other amenities.
- The Upper Harbour Urban Ngahere (Forest) Action Plan 2021 outlines steps to increase tree canopy cover in the local board area over the next 10 years.
- During storm events areas of the parkland may be subject to inundation from stormwater runoff.

MANAGEMENT ISSUES

No information for this section

MANAGEMENT INTENTIONS

1. Maintain natural values within the park particularly native vegetation, wildlife, associated ecosystems and riparian areas.
2. Consider planting trees to improve shade, activate spaces with culturally significant planting, and increase tree cover.
3. Planting must not compromise sightlines into the park or the ability for informal recreation to take place in the open space.
4. Consider whether opportunities exist to improve connections through the park as part of the greenways network.
5. Work with Auckland Transport over the management of the walkway on unformed legal road that is utilised as parkland.

LEASES AND LICENCES

- Not applicable