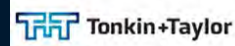




# Mini Shoreline Adaptation Plan: Wai Manawa Little Shoal Bay

2022



Front cover

Picture of Wai Manawa/Little Shoal Bay 2014 (Source: Auckland Council)

# Shoreline Adaptation Plan: Wai Manawa/ Little Shoal Bay

August 2022 (draft)

Auckland Council

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# Summary

## Purpose

The Wai Manawa/Little Shoal Bay project has been completed as part of Auckland Council's Shoreline Adaptation Plan (SAP) work programme as a site specific, or mini, SAP.

SAPs are non-statutory documents that are being developed over the next few years to provide a long-term, sustainable management approach to Auckland Council-owned land and assets in response to coastal hazards and climate change impacts. These plans generally cover large extents of the coast and are key to implementation of the Coastal Management Framework for the Auckland Region (2017) and Te Tāuke-a-Tāwhiri: Auckland's Climate Plan (2020).

The 'mini' SAP concentrates on a localised scale of the plan focussed on a specific reserve and its surrounding environs. There is a greater level of detail in the background information and recommended actions, but the mini-SAP still follows the best practice principles of the wider SAP programme, including the guiding principles from mana whenua and the framework for mana whenua and community engagement. The high-level strategies recommended by the Wai Manawa/Little Shoal Bay 'mini' SAP will be embedded into the wider Shoreline Adaptation Plan for the Waitematā Harbour when it is developed within the wider work programme.

The guiding principles from mana whenua to be considered and to inform strategies and actions for all SAPs are:

- Responsive to iwi management plan
- Accept reversal of infrastructure to rectify hazard issues
- Naturalise, let nature take its course
- Look at emissions as well (if any)
- Whenua concepts are written up and understood by all in plans
- Protect koiora (biodiversity) and traditional mahinga kai (fish stocks, kaimoana)
- Protect heritage where possible.

## Physical setting

Wai Manawa/Little Shoal Bay is located on the southern coast of the North Shore facing south into the Waitemata Harbour (Section 4.0). Significant reclamation and modification of the natural bay occurred from 1840 to 1980, changing the original marine environment. It now includes around 3.5 ha of well used recreational reserve and 6.5 ha of high value wetland areas of Le Roys Bush and Lutner Reserve from a wider 136.5 ha catchment of predominantly residential land. The wetland part of the reserve is one of the few remaining freshwater wetlands on the North Shore.

The recreational reserve is divided by a park road between Maritime Terrace and Council Terrace. The seaward side of the road is used for passive recreation and water-edge activity, including swimming, boating and boat maintenance and storage in the boat yard. The grassed area to the north of the park road, known as Dudding Park, is used for informal active recreation.

## Regulatory controls

The National Policy Statement for Freshwater Management 2020 (NPS FM) and Auckland Unitary Plan Rules are the two main regulatory controls for activities in this area (Section 6.0). The requirement of the NPS FM is:

*“the loss of extent of natural wetlands is avoided, their values are protected, and their restoration is promoted”.*

Both the freshwater wetland and the intertidal coastal edge could be considered natural wetlands. However, the NPS FM does not require Auckland Council to protect the wetland against climate change and sea level rise. Consents are required for a wide range of activities including vegetation clearance, earthworks and land disturbance and use, diversion, damming or discharge of water.

## Hazard exposure

Development of the SAP considers the impact of coastal hazards over time (Section 7.0). These were coastal inundation, rainfall flooding and erosion susceptibility, all accounting for the effects of climate change. The exposure of Auckland Council-owned land and assets to these hazards was assessed over three timescales: short term: 2025 to 2045 (around 20 years), medium term: 2045 to 2085 (20-60 years) and long term: 2085 to 2125+ (60 – 100+ years). The reserve area was divided into nine units and exposure to coastal hazards was assessed for each unit.

Results of the exposure assessment concluded that most of the area is exposed to coastal inundation. Most of the cricket pitch and the boat yard areas are already highly susceptible to coastal inundation (Table 6). Le Roys Bush has high exposure, while the Road Reserve is moderately exposed. The beach front reserve, tennis/basketball and parking areas as well as the Maritime Terrace abutments have low exposure in the short term. In the medium term, the beach front reserve and road reserve increase to being highly exposed. In the long term, all the units are high to very highly exposed to coastal inundation, except for the Maritime Terrace abutment.

Areas that experience coastal inundation were also generally the areas affected by rainfall flooding, although rainfall flooding had less impact on vegetation. The overall area was less affected by coastal erosion, apart from the beach front and road reserves, boat yard area and the seaward Maritime Terrace abutment.

## Engagement

Community engagement for the development of this mini SAP involved a range of public events including an online survey through the *AK Have Your Say* page to understand key community values, a webinar to explain the process, hazards and exposure and two community workshop sessions, undertaken several times to enable maximum attendance (Section 8.0). The first workshop was facilitated to understand local knowledge and agree key community values, objectives and outcomes. The second workshop was facilitated to confirm community preferences for the proposed strategies.

More than 60% of the 395 people who completed the online survey commented on the importance of active and passive recreation and 48% on the importance of the environment. The boat yard was an area of considerable interest in the digital engagement with 182 participants commenting on it (around 46% of the respondents). For active recreation, the highest rated comments were associated with the sports field (45% of respondents) followed by walking, and the playground (23% and 21%

respectively). Strong support for the wetland, biodiversity, the stream and water quality were raised in the environment category. The remaining categories generally received fewer responses.

A number of hui with four iwi representatives were also held throughout the project period, including two combined hui with the Kaipātiki Local Board. Feedback from the hui held during the SAP process identified that it was important that the iwi group lead the guidance of restoration and storytelling of cultural and natural heritage supported by community groups and others.

### **Objectives and outcomes**

Primary and secondary objectives as well as key outcomes were developed for each unit (Section 9.0). The primary objective for Le Roys Bush and environs was protecting the environment. Maintaining access was the primary objective for the Road Reserve, while for the remainder of the area, the primary objectives were active and passive recreation. However, secondary objectives for each unit indicates the importance of the environment, community heritage and cultural values.

Key outcomes were focussed on enhancing the natural wetland functioning in the Le Roys Bush and Lutner Reserve and improving and enhancing the environment in the coastal area. For the remainder of the reserve space, outcomes were focussed on enhancing and improving recreational experiences, improving access and connections to walkways and boardwalks and improving and enhancing the environment.

### **Strategy outcomes**

Based on a combination of consideration of community feedback, understanding the bounds imposed by regional and national policy settings (particularly associated with wetlands), and a consideration of the mana whenua guiding principles, the preferred adaptation strategies were developed (Section 10.0). For Le Roys Bush and environs and the coastal marine area within Shoal Bay, the preferred strategy is 'limited intervention' across all time frames. While the preferred strategy for the land-based reserve areas is 'hold the line' for all time periods. The 'hold the line' strategy relates to preserving the function and use of the reserve area or asset. So it can mean holding the coastal edge in its current position or raising land levels to allow the same functionality as currently exists in flood-prone areas of the recreational land area. In all cases, any actions or plans developed under these strategies would also need to go through an approval and consenting process to be implemented.

### **Current actions**

It was recognised that implementation of the SAP strategies could take a number of years as the SAP process is being applied around the entire Auckland region. A range of actions that can be progressed to assist in strategy development and to meet current issues within current budgets have been identified (refer Section 10.5)



## 1.0 Te Ao Māori

Te tiro ā Māori ki tōna ake ao, a Māori worldview, acknowledges the tangible and intangible, the inter-relationship of all living and non-living things and speaks to the vital connection between tāngata whenua (indigenous people) and te taiao (the natural environment) in which they live. Within te ao Māori, people, birds, fish, trees, oceans, rivers and streams, and weather patterns are all interconnected and these relationships stretch back into the past, sit within the present and look to the future.

The inter-relationship and interconnectedness are in part captured within the fundamental concept of *‘mai i te rangi ki te whenua, mai i te whenua ki te rangi’* (*‘from the sky to the earth, from the earth to the sky’*), and which underpins the holistic world view for many iwi / hapū of Tāmaki Makaurau, and how the traditional concept of kaitiakitanga is approached.

The wellbeing of tāngata whenua (indigenous people) and the ecosystems that support them is interlinked with the concept of *‘mai i te rangi ki te whenua, mai i te whenua ki te rangi’* as it provides for the spiritual / intrinsic connection to te taiao.

Understanding inter-relationships and interconnectedness is a fundamental part of addressing climate change and sea-level rise, their impacts and the response.

As an adaptation workstream within [Te Tāruke-ā-Tāwhiri: Auckland’s Climate Plan](#), Shoreline Adaptation Plans (SAPs) respect te ao Māori by giving effect to the Kia Ora Tāmaki Makaurau and Te Ora ō Tāmaki Makaurau frameworks and recognising and providing for te ao Māori concepts.

### 1.1 Te Ora ō Tāmaki Makaurau wellbeing framework

Te Ora ō Tāmaki Makaurau is the wellbeing framework developed by the Mana Whenua Kaitiaki Forum in response to Te Tāruke-ā-Tāwhiri. It is a regional innovation that is built on generations of knowledge and reflects the world view of the various mana whenua, iwi, rangatahi Māori and Māori communities of Tāmaki Makaurau. Te Ora aligns with Kia Ora Tāmaki Makaurau and supports Te Tātai. The Te Ora framework incorporates kaupapa Māori and mātauranga-ā-iwi and is underpinned by the principles of te Tiriti o Waitangi, particularly the principles of partnership and active protection. Within Te Ora, there are three dimensions of wellbeing that form a holistic approach: Taiao (environment), Whenua (land, earth), Tangata (people).

When considered together, these dimensions can frame our adaptation to climate change by taking a whole living systems approach. Our response to climate change is also guided by the following values and principles:

- Manaakitanga
- Kaitiakitanga
- Whangauangatanga
- Rangatiratanga

- Mātauranga
- Oritetanga
- Tōnuitanga

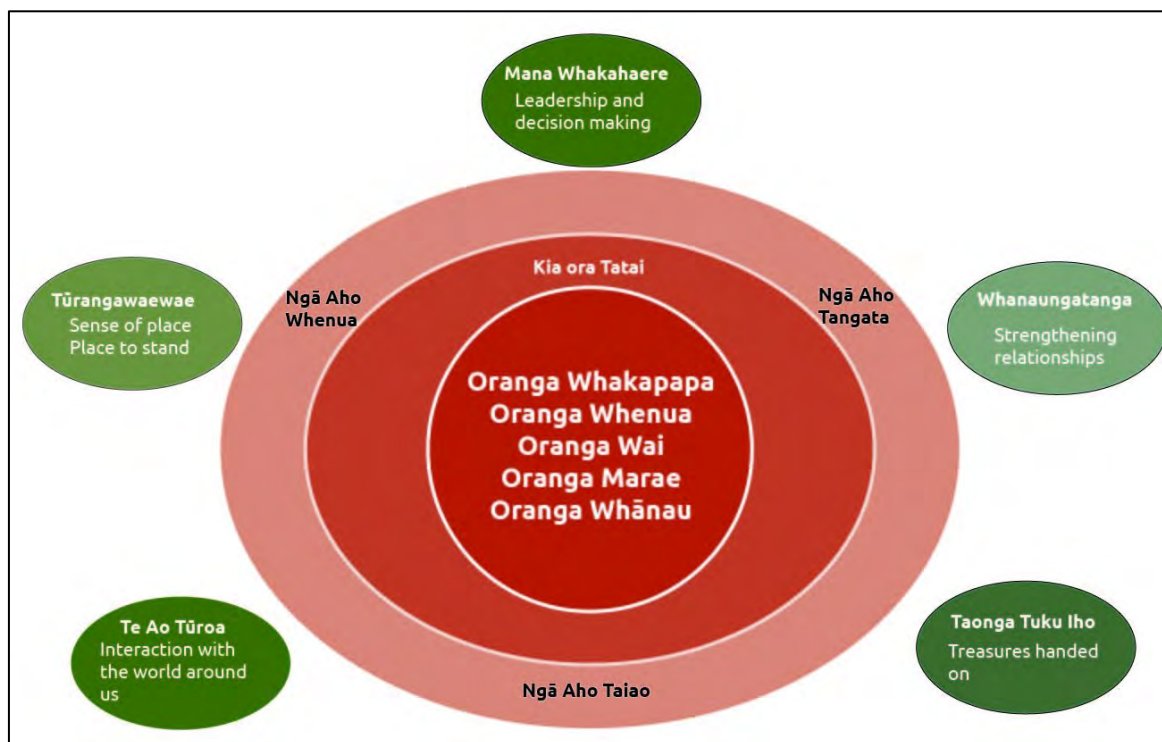


Figure 1: Graphic of Te Ora o Tāmaki Makaurau

## 1.2 Treaty relationships and governance

The hapū and iwi of Tāmaki Makaurau, hold important values as kaitiaki (guardians or protectors). These include their environmental and spiritual ties to ancestral lands, water, sites, wāhi tapu (sacred areas) and other taonga (treasures), and the wellbeing of the entire iwi.

Auckland Council, as set out in The Auckland Plan 2050, looks to recognise and provide for te Tiriti o Waitangi outcomes. Treaty principles provide guidance for decision-making, partnership, and collaboration between mana whenua and government. This can include co-governance and co-management approaches, including for natural resources where holistic, integrated and sustainable outcomes are sought.

To date, the Crown has provided Treaty settlement redress to several mana whenua groups that relate to Wai Manawa and its adjacent coastal marine area. The Hauraki Gulf Forum, a statutory body under the Hauraki Gulf Marine Park Act 2000, promotes and facilitates integrated management and the protection and enhancement of the Hauraki Gulf, and has adopted a co-governance leadership model.



## 1.3 Operational guiding principles for Shoreline Adaptation Plans

In the spirit of partnership, the Auckland Council Infrastructure and Environmental Services Mana Whenua Kaitiaki Forum developed the following guidance principles for all SAPs:

- Responsive to iwi management plans
- Accept reversal of infrastructure to rectify hazard issues
- Naturalise, let nature take its course
- Look at emissions as well (if any)
- Whenua concepts are written up and understood by all in plans
- Protect koiora (biodiversity) and traditional mahinga kai (fish stocks, kaimoana)
- Protect heritage where possible.

These principles align with the Te Ora framework and help guide the SAP's work programme and its implementation.



## 3.0 Regional context

The Auckland region is bounded to the east and west by the South Pacific Ocean and the Tasman Sea. It has roughly 3,200 km of dynamic coastline and encompasses three major harbours: the Kaipara, Manukau and Waitemata. Due to its location, much of the city's urban development and supporting infrastructure are concentrated in coastal areas and are exposed to coastal processes such as erosion and inundation. These natural processes are considered hazards when they impact on assets, activities or locations of value. Climate change related to greenhouse gas emissions is contributing to rising sea levels, which have a range of impacts including increasing the frequency and magnitude of coastal hazard events. To support a resilient future for Auckland's coast, Auckland Council needs to build integrated coastal management and climate adaptation into its long-term strategic planning processes, and the SAPs are intended to support this.

### 3.1 What are Shoreline Adaptation Plans?

SAPs are non-statutory, strategic documents that support the sustainable management of Auckland Council-owned coastal land and assets (including but not limited to, reserves, coastal defence structures and public facilities) over the next 100 years. These plans consider the potential impacts of coastal erosion, coastal inundation, rainfall flooding, and climate-change impacts (including sea level rise) and seek to provide an adaptive planning approach that is focused on the needs and values of local iwi and communities. Acknowledging the environmental and landscape value of the shoreline, SAPs also promote the preservation, enhancement, and ecological restoration of the coastal environment for future generations. As there are a high number of non-Council assets in shoreline areas, these plans are developed with input from stakeholder partners such as Auckland Transport, Watercare, Waka Kotahi, and other infrastructure and utility providers.

The need for SAPs was set out in the Coastal Management Framework<sup>1</sup> ('the Framework') adopted by Auckland Council in 2017<sup>2</sup>. The Framework established Council's hierarchy for best practice coastal management, with SAPs directed by the overarching regional philosophy for coastal management. To support the holistic development of these plans, the Auckland region was divided into a series of coastal cells of varying size. Each coastal cell identified within the Framework will have its own SAP informed by local iwi, infrastructure providers, and local community engagement. They will be implemented through integration of all recommended adaptive strategies into relevant Auckland Council Asset Management Plans. Once every SAP has been completed, they will also inform the regional prioritisation and funding of future asset management.

The SAPs give effect to the New Zealand Coastal Policy Statement, which directs councils to identify areas that may be affected by coastal hazards over a timeframe of at least 100 years. Their approach aligns with guidance from the Ministry for the Environment<sup>3</sup>, through the establishment of mana whenua and community values and objectives and the development of a coastal hazards'

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<sup>1</sup> Carpenter, N., Sinclair, S., Klinac, P., Walker, J (2017) Coastal management framework for the Auckland region.

<sup>2</sup> Within the Coastal Management Framework, Shoreline Adaptation Plans were previously referred to as Coastal Compartment Management Plans

<sup>3</sup> Ministry for the Environment (2017). Coastal Hazards and Climate Change – Guidance for Local Government

vulnerability and risk assessment. It uses this information to provide high-level strategies for the short, medium and long term.

At this stage, Auckland's SAPs are focused on Auckland Council-owned coastal land and assets to enable a best practice method for developing the Dynamic Adaptive Policy Pathways (DAPP) approach recommended by the Ministry for the Environment. The current scope also recognises the reforms to the Resource Management Act currently underway. It is anticipated that an iterative approach to the SAPs will be adopted, aligning with international approaches to coastal management such as the UK's Shoreline Management Plans.

## 4.0 Wai Manawa/Little Shoal Bay Reserve

### 4.1 Setting

Wai Manawa/Little Shoal Bay catchment is located on the southern coast of the North Shore facing south into the Waitemata Harbour, approximately 1 km northwest of the Auckland Harbour Bridge as shown in Figure 2:

Wai Manawa/Little Shoal Bay Reserve comprises a total area of around 10 ha with the flat reclaimed area of the reserve comprising some 3.5 ha and the wetlands occupying around 6.5 ha (Figure 4). The reserve is divided by a park road extending in an east-west direction linking Maritime Terrace and Council Terrace. The area south of the park road is used for passive recreation, including boating activities (Figure 3: ) and includes an area of land leased to Little Shoal Bay Boat Club. The grassed area to the north of the park road, known as Dudding Park, is used for informal active recreation and the western boundary adjoins the areas commonly called Le Roys Bush and Lutner Reserve. It is part of a contiguous area of vegetative cover, which follows a southeast to south facing narrow valley system from the upper northern reaches near Hinemoa Street and Onewa Road. It is accessible from multiple roads (Valley Road, Fairfax Road, Glade Place and Seaview Avenue), through carpark of the Northcote Bowling Club off Council Terrace and through Dudding Park.

Part of Wai Manawa/Little Shoal Bay Reserve comprises steep, bush clad land rising from the old shoreline. The stream comprises two main arms: the main channel which flows northwest to southeast direction (Le Roys Bush) and a tributary that flow north to south (Lutner Reserve) draining a catchment area of approximately 136.5 ha and encompasses predominately residential land use.



Figure 3: Drone image of the central beach reserve area (Source: Auckland Council)





Figure 4: Wai Manawa/Little Shoal Bay Reserve, location and key features

## 4.2 Cultural context

Auckland Council and the Project Team acknowledge the importance of the autonomy of each iwi and respect their individual and collective involvement in the development of this SAP.

Wai Manawa / Little Shoal Bay sits beside the significant pā, Te Ōnewa (a short weapon made of dark grey stone) on Stoke's Point, now known as Northcote Point. Over the years, Te Ōnewa was occupied by Ngai Tai, Ngāti Paoa and Te Taoū. Wai Manawa (Heart Waters) was used for fishing and access to Te Ōnewa and the land above. It continues to hold significance to Iwi who maintain a strong connection to this place. It is this connection through time that drives some of the concepts for management of Wai Manawa/ Little Shoal Bay.

Each of the four iwi have specific and wider cultural values, interests and associations with the coastal environment and the adjoining whenua captured within this SAP. Each iwi are the kaitiaki (guardians) of their respective mātauranga associated with this areas.

### 4.2.1 Cultural objectives and outcomes

The cultural objectives and outcomes sought by iwi are underpinned by the need for the partnership and co-management approach taken in developing these high-level strategic documents, to be recognised and provided for across all facets of the implementation of these strategic documents.

The cultural objectives and outcomes will be aligned with the principles identified in section 1.3 of this report and will guide the SAP's work programme and implementation, these are as follows:

- Responsive to iwi management plans
- Accept reversal of infrastructure to rectify hazard issues
- Naturalise, let nature take its course
- Look at emissions as well (if any)
- Whenua concepts are written up and understood by all in plans
- Protect koiora (biodiversity) and traditional mahinga kai (fish stocks, kaimoana)
- Protect heritage where possible.

To ensure that cultural values and associations are recognised and provided for in any works programme, it is fundamental that this partnership and co-management approach is applied to each specific project identified when implementing the direction set out in this SAP. This ensures that iwi can have a meaningful and effective role in these projects thus enabling them to exercise their kaitiakitanga and ensuring that the principles of the Te Tiriti o Waitangi are provided for and given effect to.



## 5.0 Historic development

The historic context was based on information included in the previous Reserve Management Plan<sup>4</sup> and a timeline is included in Table 1. Wai Manawa/Little Shoal Bay has been significantly altered from its natural state. Prior to its modification, the bay was a shallow mangrove fringed tidal inlet. The mangroves extended upstream of Valley Road on either side of the once navigable waterway. A shell bank where the road now runs formed a dynamic barrier to the inner bay. The general area accommodated the historic settlement of Awataha and included wahi tapu, kaianga, canoe landing sites and gardens. The tidal inlet was used by Māori as a fishing ground and shellfish gathering area.

Urban development of the surrounding catchment began after 1840 and a gas works was constructed on the eastern side of Wai Manawa/Little Shoal Bay in the late 1800s. In 1907, the Auckland Harbour Board vested 8.9 ha of tidal lands at the head of Wai Manawa/Little Shoal Bay for use as a public domain and recreation ground. To enable access across the bay, a 1.2 to 1.8 m high embankment was constructed across the bay and an automatic tide gate was installed. The general location of this embankment is visible in the 1947 aerial photograph below.



*Figure 5: Historic aerial from June 1947 (Source: Whites Aviation)*

In 1923, the Northcote Association Football Club was granted permission to reclaim a small area of land in the location of the present Dudding Park field. At a similar time, the tennis club was granted rights to use the bay and the northern arm of the reserve was reclaimed for 10 courts, although five were abandoned due to flooding. Reclamation continued during the late 1950s and early 1960s using fill from land development from the surrounding area. The causeway was widened by infilling behind the seawall, including old concrete and clay fill from the demolition of two reservoirs at the top of Pupuke Road. Filling was also carried out along the frontage of the reserve.

In 1964, reclamations were complete and flood gates constructed on the seaward boundary of the reserve. Catchment run-off was retained behind the reclamation and the wetland swamp began to develop within the western and northern arms that had previously been mangrove areas and freshwater wetland flora and fauna became established.

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<sup>4</sup> NSCC, 1999



Boat ramps, the haul out area and seawalls were constructed in the mid-1960s and in 1968, the scout den was built. A concrete seawall was constructed in 1979 and a new stormwater outfall with concrete encased pipes and a stone face was constructed in 1988 with overland flow channels formed in 1989 and the road ford replaced by twin box culverts in 1990.

Table 1: Timeline for key infrastructure works within reserve area



Date	Activity
1840	<ul style="list-style-type: none"> <li>Gas works constructed</li> </ul>
1907	<ul style="list-style-type: none"> <li>8.9 ha of land vested for reclamation for use as a public domain and recreation</li> </ul>
Mid-1920s	<ul style="list-style-type: none"> <li>Dudding Park and tennis club reclamations</li> </ul>
Mid-1960s	<ul style="list-style-type: none"> <li>Reclamations completed and boat ramps/haul out and seawalls constructed</li> </ul>
1969	<ul style="list-style-type: none"> <li>1350 mm concrete culvert pipe installed along western boarder to divert water way from land being reclaimed (i.e., temporary works that was not removed)</li> <li>Anecdotal evidence of a tide flat on seaward side. Based on Morphem (2018) report, the primary inlet level is around 0.6 m AVD (2.34 m CD)</li> </ul>
1971	<ul style="list-style-type: none"> <li>Maritime Terrace open (ford provided access prior)</li> </ul>
1979	<ul style="list-style-type: none"> <li>Concrete seawall constructed</li> </ul>
1988-90 (post Bola)	<ul style="list-style-type: none"> <li>High flow bypass (box culvert) under Maritime Terrace for flows above 1.6 m AVD (3.3 m CD)</li> <li>3 No. 500 mm diameter culvert pipes in the main channel between Rods Island and the southern part of the reserve to enable further reclamation of Rods Island. Invert levels around 0.1 to 0.4 m AVD (1.8 to 2.1 m CD)</li> </ul>
1990-1997	<ul style="list-style-type: none"> <li>Flap gate at the terminus of the high flow channel with a crest level of 3.7 m CD that functioned poorly as a result of sand blockage</li> <li>Bunding around the carpark and field</li> </ul>
1997-1999	<ul style="list-style-type: none"> <li>Flap gate on 1350 mm outlet still in place</li> </ul>
Jan 2011	<ul style="list-style-type: none"> <li>Significant storm event affecting freshwater wetland</li> </ul>

Date	Activity
2011	<ul style="list-style-type: none"> <li>Established by Healthy Waters that primary and secondary outlets from main drainage were under capacity to pass 10-year ARI MPD storm, particularly 1350 discharge under capacity</li> </ul>
2017-2018	<ul style="list-style-type: none"> <li>Wool bale groyne constructed adjacent to the 1350 mm outlet pipe to reduce sand loss from the adjacent beach. (Aitken, pers. Comm.)</li> </ul>

### 5.1.1 Physical assets

The location of key features of recreational reserves, road and parking assets, shoreline protection and access structures and three water assets are shown in Figure 6: . A more detailed schedule of the number of land areas and physical assets within the project area is included in Appendix B. This schedule includes the asset ID and the number or size/extent of the asset based on information from the GIS layers in the Auckland Council's GIS viewer.

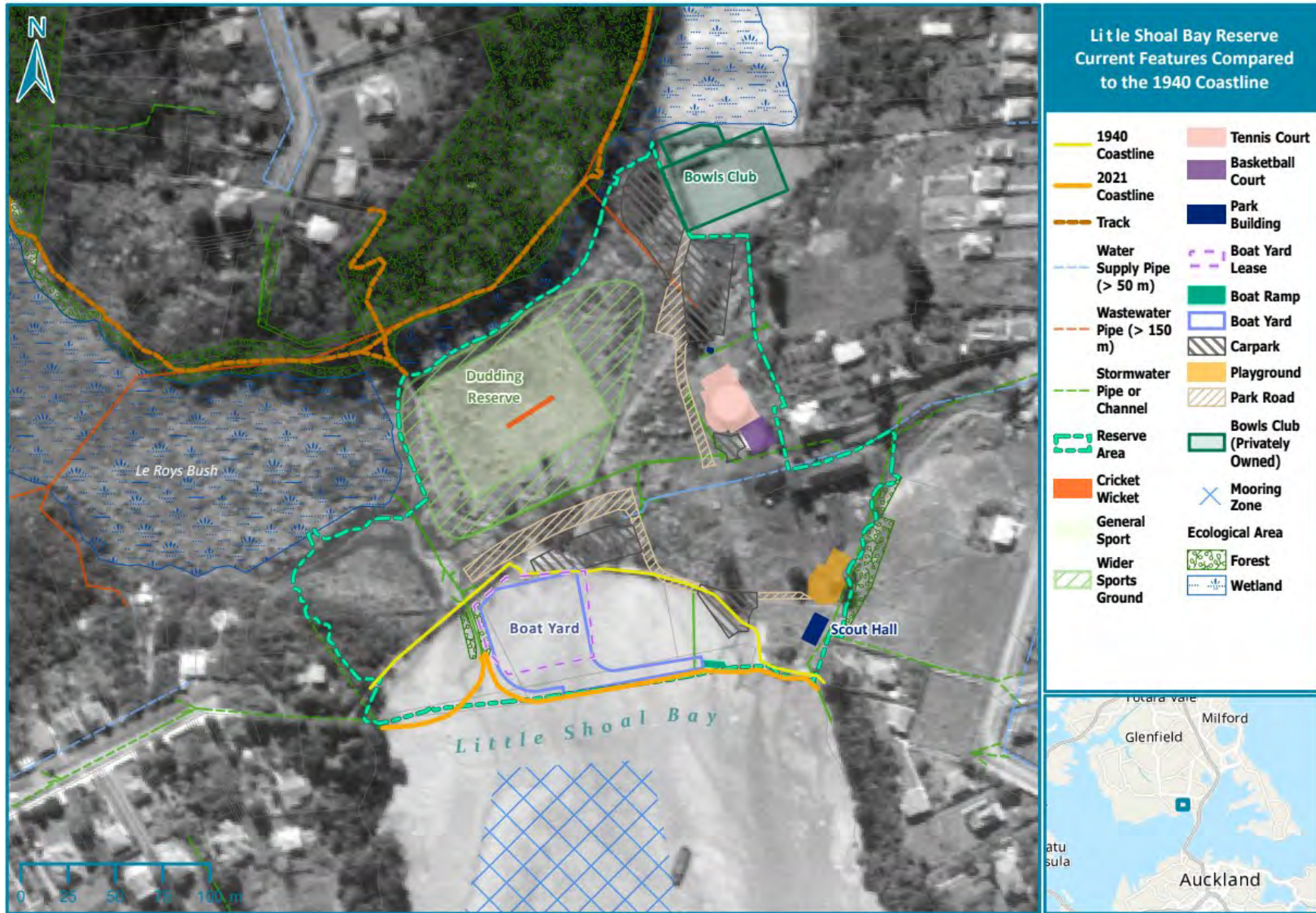


Figure 6: Key features of the present day reserve area overlain the 1940's aerial photograph (Source: Auckland Council)



## 5.2 Physical Setting

Information on the physical setting of Wai Manawawa/Little Shoal Bay to support development of the SAP was taken from previous published reports and information sources. No additional physical studies were completed. The sections below provide a summary of the existing information that was used.

### 5.2.1 Topography

The topography of the Wai Manawa/Little Shoal Bay catchment is steep around the ridges and drops off to the main channel of the stream. At the bottom of the catchment the estuary was reclaimed allowing an extensive fresh wetland to form, which is flat. The eastern and western parts of the catchment face onto Wai Manawa/Little Shoal Bay and are characterised with sea cliffs that are 10 m high. Site topography is shown in Figure 7 which is based on 2016 LiDAR data from Auckland Council. The wetland areas are all generally below 1.5 m above Auckland Vertical Datum (AVD)<sup>5</sup> while the boat yard and Duddings Reserve have levels ranging from around 1.5 m AVD to 2.2 m and the bowling club land being around 2 m. The recreational reserve areas to the east steepen to around 5 m AVD.



Figure 7: Site topography

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<sup>5</sup> AVD is based on the mean sea level measured in 1946 and is the datum for land levels in the Auckland Region

## 5.2.2 Geology

Figure 8 shows the geology of the site and surrounding area. The published geology beneath the site is described by Kermode<sup>6</sup> as being underlain by organic-rich alluvium (muddy peat) in the west and construction fill in the east. When overlain on the geological map, the western site boundary also overlaps the East Coast Bays Formation flysch. No site-specific geological information is held on file by Tonkin and Taylor but based on the historic information, much of the reclaimed area is likely to comprise clay fill from subdivision works in the general area and construction debris.

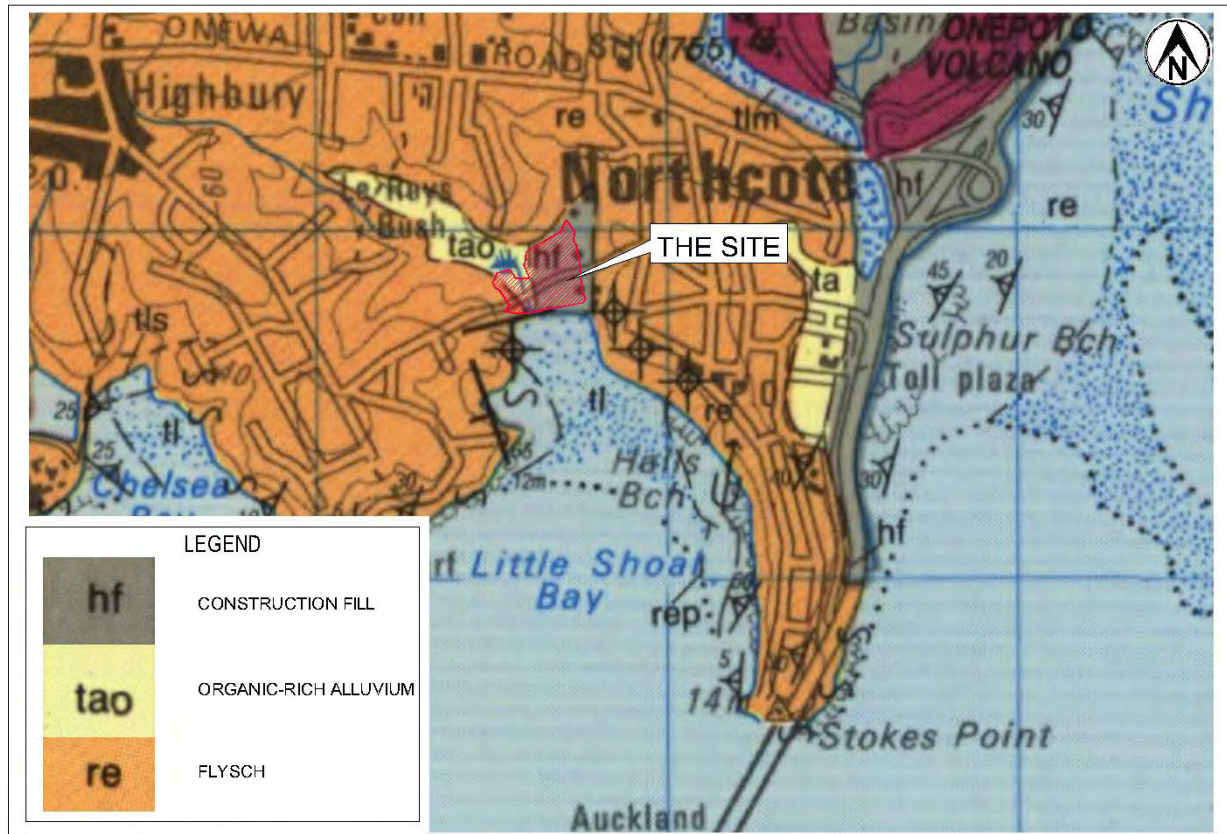


Figure 8: Published geology of Wai Manawa/Little Shoal Bay (source: Kermode)

## 5.2.3 Tidal and extreme water levels

Water levels within Wai Manawa/Little Shoal Bay are influenced by the astronomical tide, local storm surge and future sea level rise. The Waitemata Harbour has a diurnal tide with a spring tide range of around 2.9 m and neap tide range of 1.8 m. At the Ports of Auckland, Mean High Water Spring (MHWS) is 1.56 m RL and Lowest Astronomical Tide (LAT) is -1.68 m AVD. Regional weather patterns that influence wind and atmospheric pressure can cause a storm surge phenomenon that raises water level above the astronomical tide. Storm surge levels were assessed by Stephens et al. (2016). Tidal and extreme water levels with an Annual Recurrence Interval of 100 and 10 years are shown in Table 2.

<sup>6</sup> Kermode, L.O. 1992: Geology of the Auckland Urban Area. Scale 1:50,000, Institute of Geological & Nuclear Sciences geological map 2. 1 sheet + 63p. Institute of Geological and Nuclear Sciences Ltd. Lower Hutt, New Zealand.



Table 2: Tidal and extreme water levels

Condition	Level m (CD)	Level m (AVD-46)
100 Year ARI storm tide	4.18	$2.41 + 0.023 = 2.43$
10-year ARI storm tide	4.00	$2.23 + 0.023 = 2.25$
Highest astronomic tide (HAT)	3.71	1.97
Mean high water spring (MHWS)	3.35	1.61
Mean high water neap (MHWN)	2.81	1.07
Mean sea level (MSL)	1.91	0.17
Mean low water neap (MLWN)	1.03	-0.71
Mean low water spring (MLWS)	0.48	-1.26
Lowest astronomical tide (LAT)	0.06	-1.68
Tide levels from LINZ Standard port tidal levels / Toitū Te Whenua Land Information New Zealand (linz.govt.nz)		
Storm surge levels from Stephens et al. (TR2016, 2017) from output point 9, adjusted by 0.023 m being 2.54 mm/yr from 2013 to 2022, with 2013 being the date of the original storm surge report TR2016 was based on.		

#### 5.2.4 Site contamination

A detailed site investigation of the reserve, excluding the gas work site was carried out in 2021<sup>7</sup> involving shallow soils sample testing from 29 hand auger boreholes. The general area of investigation is shown in Figure 9.

<sup>7</sup> Tonkin and Taylor, 2021a



Figure 9: Site plan with general areas contamination testing completed identified

Soil testing from Area 1 found that all chemical concentrations complied with the assessment criteria for human health (recreational use) and the AUP discharge criteria. Some metal concentrations were reported above background values and the Australia/New Zealand sediment quality guidelines (ANZG) in Area 1. However, based on the random distribution and the overall minor nature of the exceedances, a source of contamination is not considered to be present in shallow soil in Area 1.

Soil testing from Area 2 found concentrations of copper and zinc, likely from historic boat maintenance, haul out and storage, above the AUP discharge criteria. Copper, lead, zinc, TBT and PCB concentrations were reported above the ANZG sediment quality guidelines conservatively adopted for screening the risk to ecological receptors in the marine environment. Concentrations did not exceed the criteria for human health under commercial/industrial or recreational uses.

Given the nature of the contamination in Area 2 and the potential for its migration via sediment transport, there is a potential pathway to ecological receptors in Wai Manawa/Little Shoal Bay and the estuary. There are methods to manage and/or remediate risk to the environment associated with these materials such as capping, soil removal and ongoing stormwater management.

Further investigations of the extent of contamination are currently underway within the adjacent Significant Ecological Areas (SEA) and around the gasworks capped area.

## 5.2.5 Marine sediment quality

Marine sediment quality in the Waitemata Harbour at Wai Manawa/Little Shoal Bay has been assessed historically, NSCC, 2007. This research assessed zinc and copper contaminant levels

against Auckland Regional Council's Environmental Response Criteria (ERC), Canada's Probable Effects Level and the ANZECC Interim Sediment Quality Guideline. Zinc concentrations in the Wai Manawa/Little Shoal Bay marine sediments were at Green ERC level and are projected to reach Amber ERC levels by 2034 (Amber level is where contaminants are elevated, and biology is possibly affected). Copper was projected to reach Amber ERC by 2019 and Red ERC by 2044 (Red levels are higher impact sites where degradation has already occurred). No recent studies were identified to confirm if the levels projected are occurring.

## 5.3 Environmental

### 5.3.1 Vegetation

Vegetation covers 35% (48 ha) of the Wai Manawa/Little Shoal Bay Stream catchment. There is significant continuous vegetation alongside most of the stream channel and tributaries and active community involvement in reducing invasive species. Throughout the upper catchment, native species such as rewarewa, pururi, tawa, rata, kauri, kahikatea and supplejack are present. The reserves in Wai Manawa/Little Shoal Bay generally comprise grassed areas for passive and active recreation.

### 5.3.2 Wetlands

Little Shoal Bay has two large wetlands. The freshwater wetland has an area of around 6.5 ha (Figure 10) and sits within the catchment<sup>8</sup>. This wetland developed as a result of reclamation of a former estuarine area at the head of Wai Manawa/Little Shoal Bay, approximately 40 years ago. This caused a build-up of freshwater upstream of the reclaimed land and the subsequent development of a raupo wetland in what was formerly a saline mangrove area. In accordance with the National Policy Statement for Freshwater Management 2020, this induced wetland would be considered a natural wetland. Saline intrusion into the lower parts of the freshwater wetland are converting some areas of the wetland and banks of the streams back to mangrove, saltmarsh and other salt tolerant species.

A number of native plant species occur in and around this wetland. Some of the species observed include: raupo, maire, hangehange, manuka, sedges, kowhai, manuka, kanuka, kiekie, tree ferns and allies (SCMP, AC 2013). Previously, willow trees dominated a large part of the upper wetland. A weed control programme involved poisoning the willows throughout the wetland.

The other large natural wetland is little Shoal Bay itself. There is some debate over the seaward extent of natural wetlands in the Coastal Marine Area (CMA). However, there is no question that the intertidal area could be a natural wetland.

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<sup>8</sup> SCMP, AC 2013



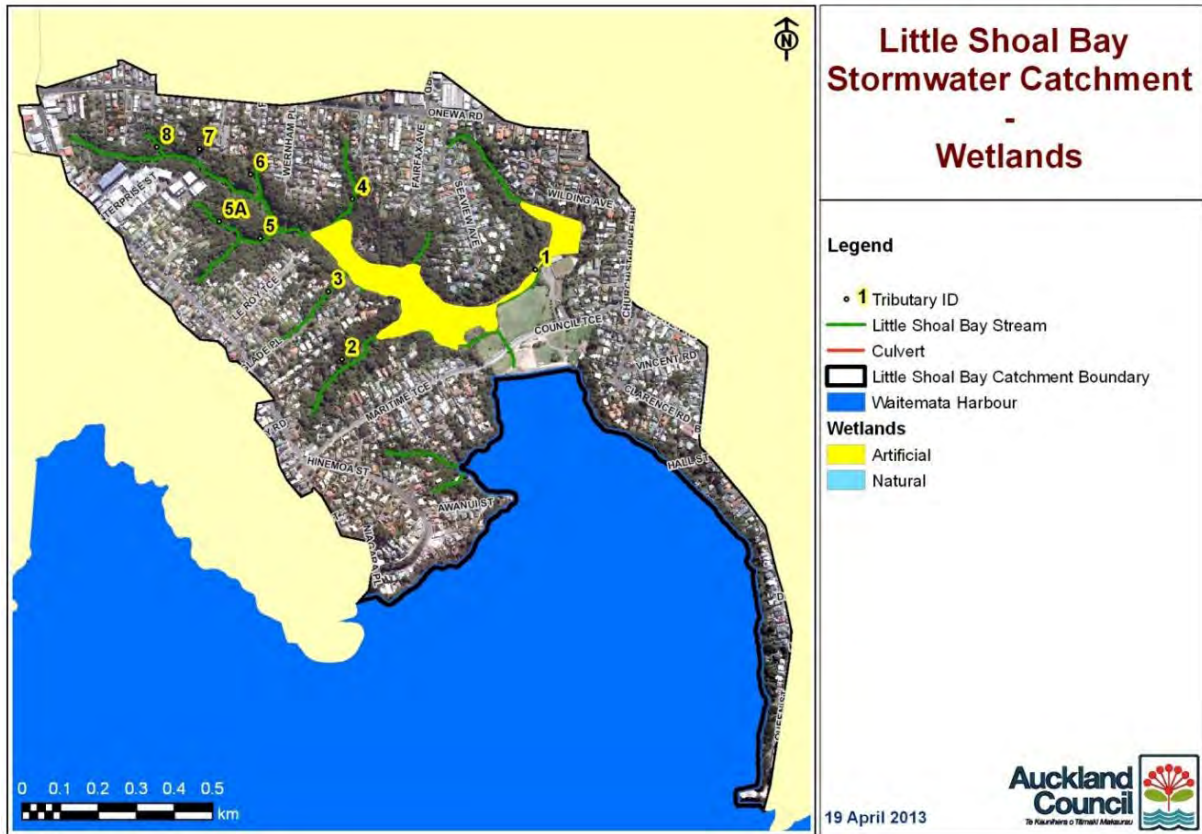


Figure 10: Wetland areas (Source: SCMP, AC 2013)

### 5.3.3 Inanga

Inanga have been recorded within the Wai Manawa/Little Shoal Bay Stream (SCMP, AC 2013). The large expanse of suitable spawning vegetation present in the lower margins of the watercourse makes it an ideal spawning area (Figure 11). There is an area of approximately 3.7 ha in which inanga could potentially spawn. This area is approximately 550 m in length. Waterflows are dominated by the daily tidal ebb and flow. Marginal streamside vegetation is inundated during high tide. The upstream extent of the saltwater wedge is likely to be highly variable and influenced by stream baseflows during spawning tides. Therefore, the location of spawning is likely to vary and to occur at different locations annually, depending on conditions. The marginal streamside vegetation in which inanga tend to spawn during the spring tide is predominantly native. Species observed include sedge grasses, saltmarsh ribbonwood, *Carex* sp., *Hebe stricta*, mahoe and flax.

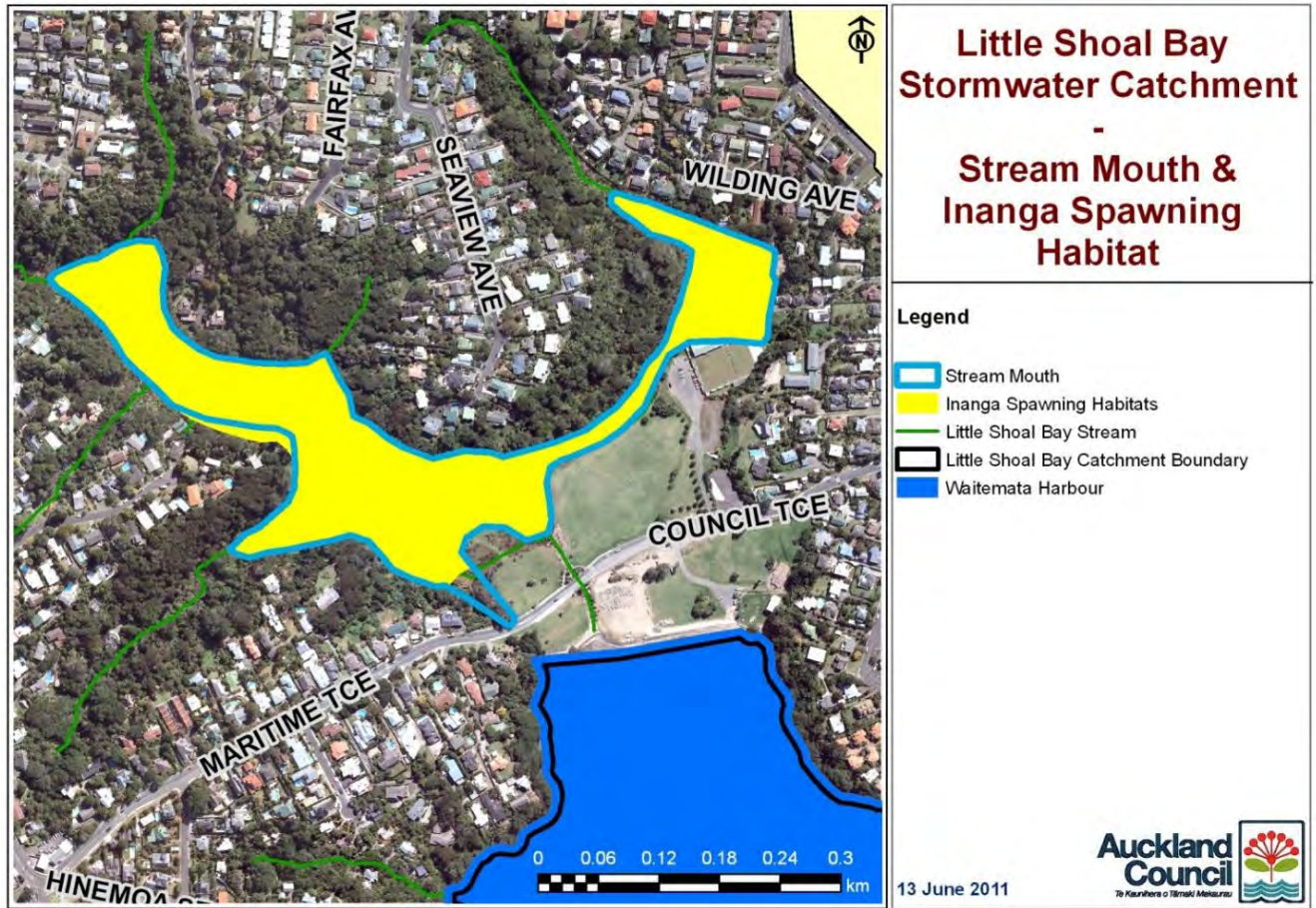


Figure 11: Stream mouth and inanga spawning habitat (AC, 2013)

## 6.0 Legislation and previous assessments

### 6.1 Planning impact of National Policy Statement for Freshwater Management

There are a range of existing and established policy documents and plans that will influence the approaches and outcomes for any adaptation response both on the reserve land and the wetland, including the Auckland Unitary Plan, the Resource Management Act and the New Zealand Coastal Policy Statement. A relatively new planning document that will also impact what can be done in and near wetland areas is the National Policy Statement for Freshwater Management. This section introduces the National Policy Statement for Freshwater Management relevant to Wai Manawa/Little Shoal Bay. It is not intended to provide a full statutory assessment of the planning tools that could impact adaptation strategies.

#### 6.1.1 National Policy Statement for Freshwater Management

The National Policy Statement for Freshwater Management 2020 (NPS FM), in section 3.22 requires:

*The loss of extent of natural wetlands is avoided, their values are protected, and their restoration is promoted ...*

The definition of natural wetland in the NPS FM includes both freshwater wetlands (inland natural wetlands) and natural wetlands in the Coastal Marine Area. The Freshwater National Environmental Standard (Freshwater NES) sets out requirements for carrying out certain activities that pose risks to freshwater and freshwater ecosystems. These standards are designed to include for the protection of existing inland and coastal wetlands, protection of urban and rural streams from infilling and ensure connectivity of fish habitat and passage.

The direction of the NPS FM to avoid loss of extent and protection of values of natural wetlands relates to activities undertaken by humans that may have adverse effects on natural wetlands. However, climate change and sea level rise are outside the matters that the NPS FM and the Freshwater NES manage. The NPS FM objective to avoid loss of extent and protect values does not require Auckland Council to protect the wetland against climate change and sea level rise impacts.

Any management approach could simply recognise these changes, elect not to interfere, and allow nature to take its course. Increasing saline intrusion into the current freshwater wetland would see a change in species to those that are tolerant of the increasing salinity over time.

Alternatively, Auckland Council could introduce controls to minimise the effects of saline intrusion caused by climate change and sea level rise. Such controls could be short term or long term, could be structural or non-structural. Any implemented control would need to be assessed against the statutory provisions within the Resource Management Act, New Zealand Coastal Policy Statement, NPS FM, Freshwater NES, and the Auckland Unitary Plan. Any required resource consents would need to be gained prior to implementation.

## 6.1.2 Regulatory controls

This section discusses the controls contained in the Freshwater NES and the Auckland Unitary Plan and how these may influence any outcomes from the project.

### **Freshwater National Environmental Standards**

Freshwater NES regulates three types of activities that affect natural wetland. These are:

- Vegetation clearance
- Earthworks and land disturbance
- Taking, use, damming, diversion, and discharge of water.

Resource consents under Freshwater NES would be required for any works that sought to:

- Undertake vegetation clearance within or within 10 m of a natural wetland. Vegetation clearance is defined in the Freshwater NES and is very broad. It means the disturbance, damage, destruction, or removal of vegetation by any means (e.g., by cutting, crushing, application of chemicals, or burning).
- Undertake earthworks or land disturbance within or within 10 m of the natural wetland.
- Take, use, divert, dam, or discharge water within or within 100 m of the natural wetland. The definition of water in the Resource Management Act includes water in all its forms. This would include any activities the sought to alter the intrusion of water into the area.

The Freshwater NES applies to all natural wetlands, including inland natural wetlands (freshwater) and natural wetlands within the Coastal Marine Area.

## 6.1.3 Relationship between Freshwater NES and Auckland Unitary Plan

The Auckland Unitary Plan controls activities in wetlands:

- Chapter E3 includes natural wetlands
- Chapter H7 has controls for open space zones
- Chapter F2 includes controls for activities in the coastal marine zone
- Chapter E.36 also includes controls for the use of Hard Protection Structures against coastal hazards.

Auckland Council is yet to amend the AUP to reflect Freshwater NES. If an activity is captured by both the Freshwater NES and the AUP, the more stringent rule applies. That is, the rule with the highest level of control would apply.

It is possible that activities may trigger rules in both the Freshwater NES and the AUP.



#### 6.1.4 Existing resource consents continue

Any activity that is authorised by a resource consent issued before the Freshwater NES came into effect (3 September 2020) may continue to be undertaken until such time as the resource consent expires. Any new resource consent would need to be considered against the relevant provisions, including the NES FM, the Freshwater NES, and the AUP.

#### 6.1.5 Permitted activities

To be a permitted activity, an activity must be permitted under both the Freshwater NES and the AUP.

The Freshwater NES is a regional provision under Section 30 of the Resource Management Act. Existing use rights for regional activities are limited. Section 20A of the Resource Management Act requires that where an activity that was a permitted activity, and the person undertaking that activity wishes to continue to undertake that activity, they must apply for the necessary resource consents within 6 months of the provision becoming operative.

Consideration should be given to what activities currently occur that may require resource consents. Potential activities that would need to be reviewed would include activities such as mangrove removal, stream mouth clearance, movement and redistribution of beach sands, construction of groynes, reinstallation of flood gates, etc.

#### 6.1.6 Future activities

Future activities needing resource consent would need to be considered against the Freshwater NES and the AUP.

Permitted activities may include wetland restoration activities, scientific research, maintenance of wetland utility structures including boardwalks, maintenance of specified infrastructure and natural hazards works. Activities that fall outside the permitted activities require resource consent. Work on reserve areas adjacent to wetlands are also likely to require additional consideration of effects.

The Freshwater NES and the AUP also include controls on fish passage through culverts and similar structures. Any activities that sought to manage saline intrusion would need to provide for fish passage. Existing structures, established before the Freshwater NES came into effect, are not required by the Freshwater NES to retrofit fish passage devices.

## 6.2 Objectives from previous assessments

This section outlines the objectives identified from previous assessments. It illustrates the common themes presented through the various assessments since the North Shore City Council 1999 Reserve Management Plan to the present day.

### 6.2.1 North Shore City Council Reserve Management Plan, 1999

While this 1999 management plan is now significantly dated, it is still seen by some local residents as an important document setting out proposed actions within the reserve. The vision from the Little Shoal Bay and Le Roys Bush Reserves Management Plan (NSCC, 1999) was:

*“for a high quality natural environment that offers a range of appropriate recreation opportunities to meet the reasonable needs of visitors. An environment that is protected for its unique environmental, landscape, recreational and educational values from potentially degrading effects of both internal and external activities”.*

Achievement of this vision was by the following principles:

- To protect and enhance the natural environment
- To provide for appropriate physical development for the purpose of enhancing recreational and environmental quality
- To provide for reasonable use of the reserved while ensuring the degraded effects of use are minimised
- To provide access
- To remediate contaminated sites
- To ensure co-ordinated management
- To encourage community participation.

### 6.2.2 Questionnaire response from Aitken (2006) assessment

As part of his Bachelor in Resource Management, Kyle Aitken carried out a sustainability assessment of the coastal environment of Little Shoal Bay. This included a questionnaire to measure community feelings towards the aesthetic appearance for natural/physical resources within Little Shoal Bay. The questionnaire was hand delivered to 100 residents whose property adjoin the reserve or who live close by. There was a 39% response rate.

A significant number of surveyed residents visit Little Shoal Bay once a week or more (74.3%) and the primary recreational activity was walking, although swimming, boating, playing sports, having picnics, and taking the kids to the playground were also identified activities.

Little Shoal Bay was seen as relatively undeveloped and a natural environment, but the boat haul out, contamination potential from the boat haul out, the disturbance of the foreshore due to boat haul out activities, the condition and state of the seawall and rubbish/debris on the beach are seen as detractors. However, it was also recognised that the boat haul out provides part of the character of the bay and it was suggested that with better management, it could continue.

A question asking respondents' views of allowing the sea to flow back into the freshwater wetland behind Dudding Park received strongly polarised responses, with more supporting than opposing. Positive responses were for naturalising the environment and better flushing. Negative responses were due to the seawater killing freshwater plants and flooding of the sports field. Additional information on how the environment would respond was seen as important.

### 6.2.3 Healthy Waters Stormwater Catchment Management Plan, 2013<sup>9</sup>

The Stormwater Catchment Management Plan identified the following objectives for the Wai Manawa/Little Shoal Bay SAP area:

- Provide mitigation measures to enhance ecological values
- Maintain existing public access within the stream corridor
- Reduce gross pollutants entering the marine environment
- Recognise and protect heritage and cultural values of the stream and environs
- Manage stream erosion
- Establish and/or retain selected sections of riparian corridor alongside perennial streams
- Use Low Impact Design and other on-site mitigation methods for new development or redevelopment to manage stream erosion and protect stream health
- Investigate the provision or enhancement of catchment-wide treatment at the bottom of the catchment using a pond or wetland system
- Manage existing stream bank erosion
- Protect against future stream bank erosion and damaged native riparian vegetation
- Maintain and/or enhance amenity and ecological values by retaining existing native riparian vegetation where practicable, implement new planting and ongoing weed management
- Protect and enhance existing wetland/s and its/their associated natural treatment capability by restoring and maintaining in a more natural condition
- Enhance general stream ecology by other means where appropriate, e.g. by habitat enhancement
- Minimise in-stream works as far as practicable
- Maintain and enhance flow capacity of the stream channel
- Retain existing inanga spawning areas in their present condition, as far as practicable and where it is within Auckland Council's ability to control
- Encourage current and future community involvement in stream management
- Mitigate the effects of erosion at Auckland Council outfalls
- Remove or mitigate man-made barriers to fish associated with Auckland Council infrastructure except where ecological benefits would be limited in relation to the costs involved.

### 6.2.4 Community Facilities Recreational Assessment, 2018

Based on the recreation assessment completed on 3 October 2018, Community Facilities re-confirmed that Little Shoal Bay Reserve is an important resource for active and passive recreational use and had a high recreational value rating.

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<sup>9</sup> Auckland Council, 2013

The reserve is easily accessible from multiple entrances from the roads located in the adjacent urbanised area. The reserve offers a range of recreational opportunities such as walking in native bush with recreational trails, sport fields, fitness equipment and open spaces, making it a popular destination with locals and visitors alike. The reserve also provides commuter access via the walkway between Glade Place and Valley Road. There is an active and well organised volunteer group who act as a guardian of the bay, to help ensure that open space and the natural environment is protected and enhanced. Their main activities include beach clean-ups and planting.

The following service outcomes were identified from the assessment:

- Retain and enhance the access to the park from Valley Road, Fairfax Avenue, Glade Place, Dudding Park Sports field and Seaview Avenue
- Retain and enhance access to Little Shoal Bay from Dudding Park sports field
- Retain and enhance the existing recreational opportunities and sporting activities in Dudding Park sports field
- Retain and enhance access to Northcote Bowling Club
- Retain and enhance the connectivity of the track network from Wilding Avenue to Le Roys Bush.

## 6.2.5 Parks Services Survey, 2020

Parks Services from Auckland Council Parks Department conducted several assessment activities through the late Summer 2020 to assess visitor numbers and analyse how they are currently using the reserve. Three studies were undertaken using drones which captured views of the reserve from the same perspective twice a day across six days, a site interceptor to survey what activities users were involved in when they visited the reserve and observations from staff.

The conclusion from these assessments were:

- The foreshore around the playground and BBQs is the most popular area in Little Shoal Bay Reserve
- Little Shoal Bay Reserve is well frequented by all age groups for a broad range of activities
- Walking and dog walking are the most popular activities on all zones surveyed
- Passive enjoyment of the reserve in a vehicle is a significant occurrence
- Carparks are well used. The 'beach' and 'road' car parks are substantially busier than other car parks and the bowling club car park is only busy during bowling tournaments
- The grassed area is more popular than the beach for sunbathing and picnicking, but the number of people swimming is low
- The boat hard stand area is seldom used for recreational activity
- The sports field is seldom used for organised sport but predominantly used for pedestrian connectivity through the reserve.



Park services identified the following potential outcomes to inform long-term management options:

- Enhance opportunities for passive recreational experiences around the foreshore, particularly around the popular eastern areas
- Enhance opportunities for active recreational experiences around the eastern side of reserve north of the road
- Improve connectivity through the north-western reserve area to facilitate better pedestrian access to Le Roys Bush Reserve
- Consider options for rationalisation of the boat hard stand, boat ramps and coastal access provision
- Retain an open grass area suitable for informal community sporting activities to the north of the road.

### 6.2.6 Kaipātiki Local Board, 2020

Kaipātiki Local Board held a meeting on 18 November 2020 and adopted the following key park service outcomes for Little Shoal Bay Reserve and surrounds<sup>10</sup>, noting these outcomes will be used to inform long-term management options for the reserve:

- Enhance opportunities for passive recreational and aesthetic experiences around the foreshore areas seaward of the road, the sandy beach areas, and the popular eastern areas
- Enhance opportunities for active recreational experiences around the eastern side of the reserve north of the road
- Improve pedestrian connectivity through the north-western reserve area to facilitate better pedestrian access to Le Roys Bush Reserve
- Consider options for rationalisation of the boat hard stand, boat ramps and coastal access provision
- Retain a flat open grass field area suitable for informal community recreational activities, summer sports (including cricket pitch) and events to the north of the road
- Retain a low-speed road connection for public vehicle access through the reserve
- Retain the existing carparking areas on both sides of the road
- Protect and enhance the freshwater ecosystem in the western side of the reserve
- Provide the ability for community volunteers to work with the local board on environmental management.

#### **Kaipātiki Local Board Plan, 2020**

Local board plans are strategic three-year plans that are developed in consultation with the community. They set out the direction for the local area that reflects community aspirations and priorities. The plans guide the local boards in:

- Decisions on local activities, projects, and facilities
- Input into Council's regional strategies and plans, including the Auckland Plan

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<sup>10</sup> Resolution number KT/2020/189

- How local boards will work with other agencies including community groups, central government agencies and Council-controlled organisations that play key roles in the area
- Funding and investment decisions.

The Kaipātiki Local Board Plan was developed in 2020 using feedback received from public engagement. This plan focuses on the following five outcomes, alongside key initiatives, to guide the work of the Board. Within each objective key opportunities and challenges are highlighted. These five outcomes are as listed below:

Outcome 1: Te whai wāhitanga me te oranga - Belonging and wellbeing	
Our people are involved in the community, socially connected to one another, and supported to be active, creative, resilient and healthy.	<p>Objectives include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Individuals and communities have a high level of wellbeing</li> <li>• Our diversity is a strength that we nurture and celebrate as we come together</li> <li>• Our children and young people are included in decision-making and are empowered to effect change.</li> </ul>
Outcome 2: Te taiao – Environment	
Our natural environment is protected and restored for future generations to enjoy.	<p>Objectives include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Our natural environment, harbours and waterways are protected and enhanced, in partnership with mana whenua and our community</li> <li>• Our people are environmentally aware and work together to live sustainably</li> <li>• Support coastal communities to be prepared for the impacts of a changing climate.</li> </ul>
Outcome 3: Ngā wāhi me ngā takiwā - Places and spaces	
Our built environment is high quality, vibrant, well-maintained, reflects the culture and heritage of Kaipātiki, and meets our people’s needs.	<p>Objectives include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Our parks, playgrounds, and public spaces are SunSmart, high quality, accessible, and well maintained</li> <li>• Our aquatic, recreational, art and community facilities are enhanced to meet the needs of our growing and changing population</li> <li>• Quality and sustainable urban development occurs that creates spaces that are safe, healthy, multi-functional and have a low impact on the climate.</li> </ul>
Outcome 4: Te Ikiiki me ngā tūhononga - Transport and connections	
Our people have many transport options and can easily and safely move around and find their way.	<p>Objectives include but are not limited to:</p> <ul style="list-style-type: none"> <li>• People have more travel choices to get to work, school or go about their daily lives</li> <li>• Our public transport network is affordable, convenient, frequent, environmentally conscious and accessible – connecting people to where they need to go</li> <li>• The Kaipātiki Connections Network Plan delivers commuter and recreational walking and cycling links through the local board area.</li> </ul>

**Outcome 5: Te āheinga me te taurikura - Opportunity and prosperity**

<p>Our people can buy local, live local and work local.</p>	<p>Objectives include but are not limited to:</p> <ul style="list-style-type: none"> <li>• The Wairau Valley and our other business areas provide our people with the opportunity to work locally</li> <li>• Our village centres and small local precincts are enhanced</li> <li>• Our business community encourages and supports local sustainable business practices and initiatives.</li> </ul>
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Figure 12: Kaipātiki Local Board area and boundaries

The Kaipātiki Local Board boundaries are the northern motorway to the east, the inner Waitematā harbour to the south and west, and Glendhu Road and Sunset Road to the north. It includes the suburbs of Bayview, Beach Haven, Birkdale, Birkenhead, Birkenhead Point, Chatswood, Glenfield,

Hillcrest, Marlborough, Northcote, Northcote Point, Sunnybrae, Totara Vale, Wairau Valley and Windy Ridge (Figure 12).

Within these boundaries are several heritage sites of importance to Māori, such as Te Ōnewā Pa. In addition, there are 540 ha of reserves and walkways, with Kaipātiki making up one of the largest areas of continuous urban native vegetation remaining within Auckland's ecological region.

The Plan acknowledges the increased coastal impacts Wai Manawa / Little Shoal Bay has been experiencing in recent years, with specific reference to flooding and coastal inundation as matters of concern.

A Parks Service Assessment and a Coastal Process Issues and Options Assessment was commissioned by the Kaipātiki Local Board in 2020 to know more about how Wai Manawa / Little Shoal Bay was being used, what communities valued about this space and what options there are to mitigate the impacts. The 2020 Plan's focus on managing issues within Wai Manawa / Little Shoal Bay, such as coastal inundation and flooding, are aligned with the SAP process outlined within this report. The entire 2020 Kaipātiki Local Board plan has been attached to this report in Appendix C.

## 7.0 Coastal hazards and exposure assessment

This section sets out the erosion, inundation and flooding values used, and the timescales considered to describe what is happening from the perspective of a coastal hazards' perspective.

### 7.1 Coastal inundation and erosion susceptibility

Natural processes, such as coastal inundation and erosion, become hazards when they have the potential to negatively impact things we value. For shoreline areas with assets and infrastructure or cultural heritage sites near the coastal edge (including recreational and environmental areas), the impacts of coastal hazards can be significant. Hazard mapping is therefore a key component of long-term, sustainable management of shoreline areas. Erosion susceptibility and inundation extents have been based on existing published data from Auckland Council, and in particular, the following two sources:

- Stantec (2020) Remapping of coastal inundation data to 2016 Lidar, June 2020
- T+T (2021) Auckland coastal erosion study: regional assessment, February 2021.

Catchment flooding was based on modelling carried out by Auckland Council and included in the GIS viewer.

### 7.2 Timeframes and scenarios

Timeframes and scenarios applied to identify coastal inundation, rainfall flooding and erosion susceptibility are shown in Table 3 for the short, medium, and long term. The selection of events for the various time periods was based on expert judgement considering the available data sets that are described in the section below.

There are differences in the sea-levels used for the three time periods for each hazard. Coastal inundation uses 0 m sea level rise, 0.5 m and 1 m, for short/medium and long term respectively, while coastal erosion susceptibility uses 0.24 m, 0.55 m and 1.52 m. Rainfall flooding is currently only available for one scenario.

Table 3: Timeframes and scenarios for coastal hazard exposure assessment

Hazard drivers	Time frame		
	Short: 2025 – 2045 0-20 years	Medium: 2045 - 2085 20 – 60 years	Long: 2085 – 2130+ 60 – 100+ years
Coastal inundation	1% AEP storm surge	1% AEP storm surge + 0.5 m sea level rise	1% AEP storm surge + 1 m sea level rise
Rainfall flooding	Existing development, 1% AEP rainfall event, MHWS10		
Erosion susceptibility	2050 RCP8.5M (0.24 m sea level rise)	2080 RCP8.5M (0.55 m sea level rise)	2130 RCP8.5+ (1.52 m sea level rise)
Notes: All sea levels from 1986-2005 baseline			

### 7.3 Coastal inundation

Previous studies have been undertaken by NIWA and DHI to derive coastal inundation levels at the shoreline around the Auckland region. They considered present-day extreme storm surge conditions, including a 1% Annual Exceedance Probability (AEP) event (equivalent to a storm surge with a 1% chance of occurring in any year, or 1 in 100 year return period) and this event with 0.5 m, 1.0 m and 2.0 m sea level rise added to the present day storm surge levels including wave setup on the open coast<sup>11</sup>. The 2 m sea level information was included to provide potential longer term understanding of possible coastal inundation.

Stantec (2020) updated the coastal inundation extents from the inundation levels around the coast using the latest LiDAR data for the region, to ensure any changes in landform were represented in the published data. Figure 13 shows the resulting coastal inundation hazard extents for the three scenarios (i.e. 1% AEP storm surge and 1% AEP storm surge with 0.5 and 1.0 m sea level rise).

Appendix A includes maps showing inundation depths for the short, medium and long term. The results show that present day flooding extends over much of the reserve area, with relatively small increases in area with 0.5 m, 1 m and 2 m sea level rise. This indicates that ground levels increase reasonably quickly, limiting the increase in spatial extent of inundation. However, the results also indicate that areas of present-day inundation will experience greater depths of inundation and inundation will occur more frequently with sea level rise.

<sup>11</sup> Stevens et al., 2016 published as Auckland Council Technical Publication TR2016/017



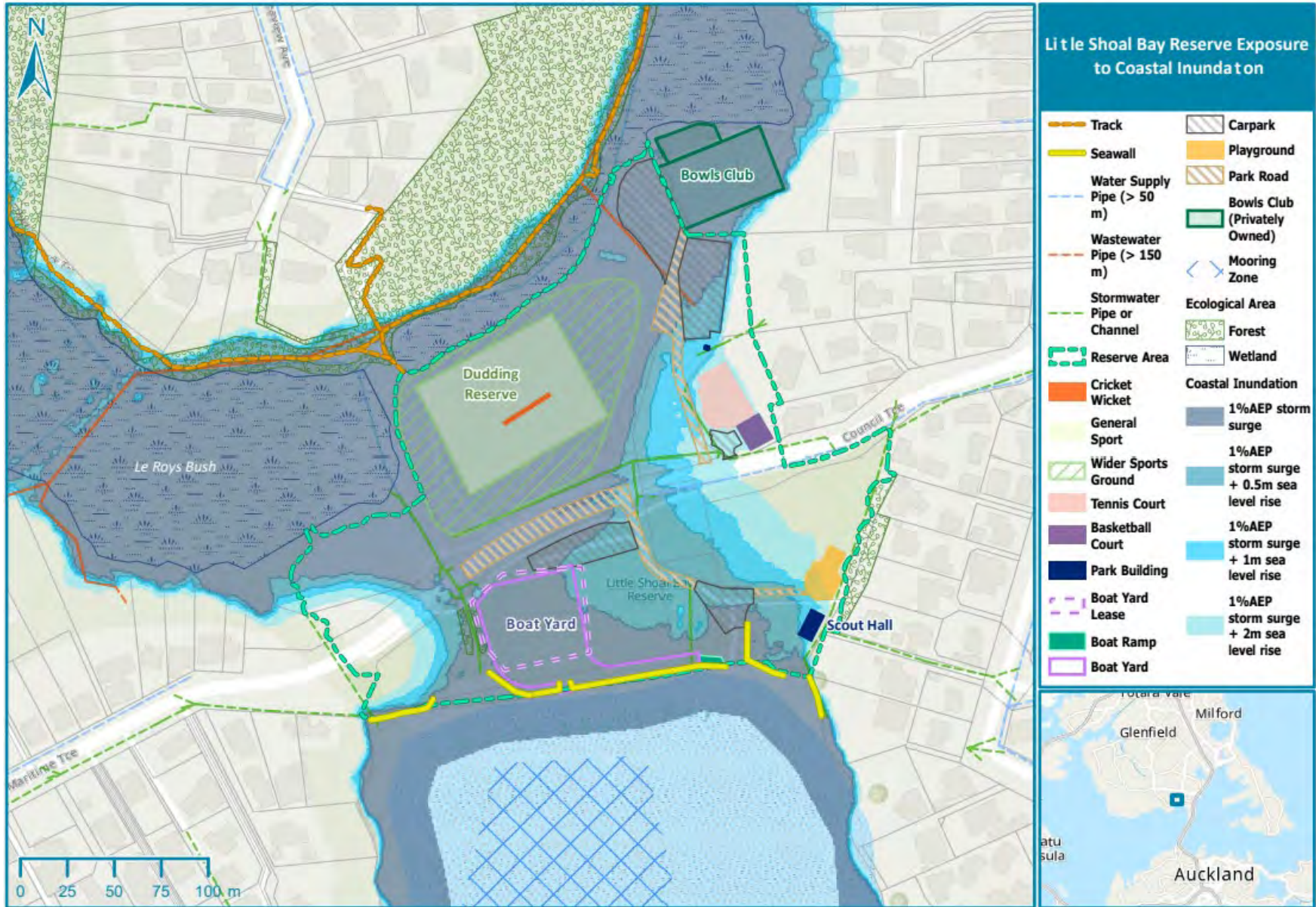


Figure 13: Coastal inundation hazard extents for the three scenarios (datasets from Stantec 2020)

## 7.4 Erosion susceptibility

The T+T (2021) study provides a regional-scale assessment of Areas Susceptible to Coastal Instability and/or Erosion (ASCIE) for the Auckland shoreline. It is a “first-pass” assessment, in line with New Zealand Coastal Policy Statement (NZCPS, 2010) and Ministry for the Environment (MfE, 2017) ‘*Coastal Hazards and Climate Change Guidance*’, that provides high-level information on possible ASCIE on a regional scale.

It uses 2016-2018 LiDAR data (consistent with the coastal inundation mapping) which covers the entire Auckland region and has enabled mapping of the ASCIE. Resulting ASCIE areas have been mapped for the following scenarios:

- 2050 RCP8.5M
- 2080 RCP8.5M
- 2130 RCP8.5M
- 2130 RCP8.5H+.

These scenarios represent a range of time periods and sea level rise values that are predicted to occur with a high emission representative concentration pathway (RCP). Water level predictions based on the median trajectory and the 83<sup>rd</sup> percentile were assessed for 2130, described as RCP8.5H+. MfE (2017) recommend the use of this value for regional hazard screening to broadly identify areas potentially exposed to coastal hazards, so it follows national guidance. Figure 14 shows the resulting extents for the four time periods.

## 7.5 Rainfall flooding

This section sets out the rainfall flooding values used for the same timescales as set out above. Inundation values have been based on existing published data from Auckland Council.

All rainfall flood modelling has been done to comply with Auckland Council’s modelling specification<sup>12</sup> concentrating on high flood risk areas including primary open channels and streams using the 2016 LiDAR. Scenarios considered the present day and the maximum development scenario. The maximum development scenario was based on full development within the existing zones shown in current planning maps. Increases in rainfall for future time frames were based on RCP8.5 projections and tailwater levels were also adjusted for medium and long term time periods to consider sea level rise. The modelling outputs as shown in Figure 14, were determined to be appropriate for system performance assessment and floodplain mapping.

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<sup>12</sup> Auckland Council 2011



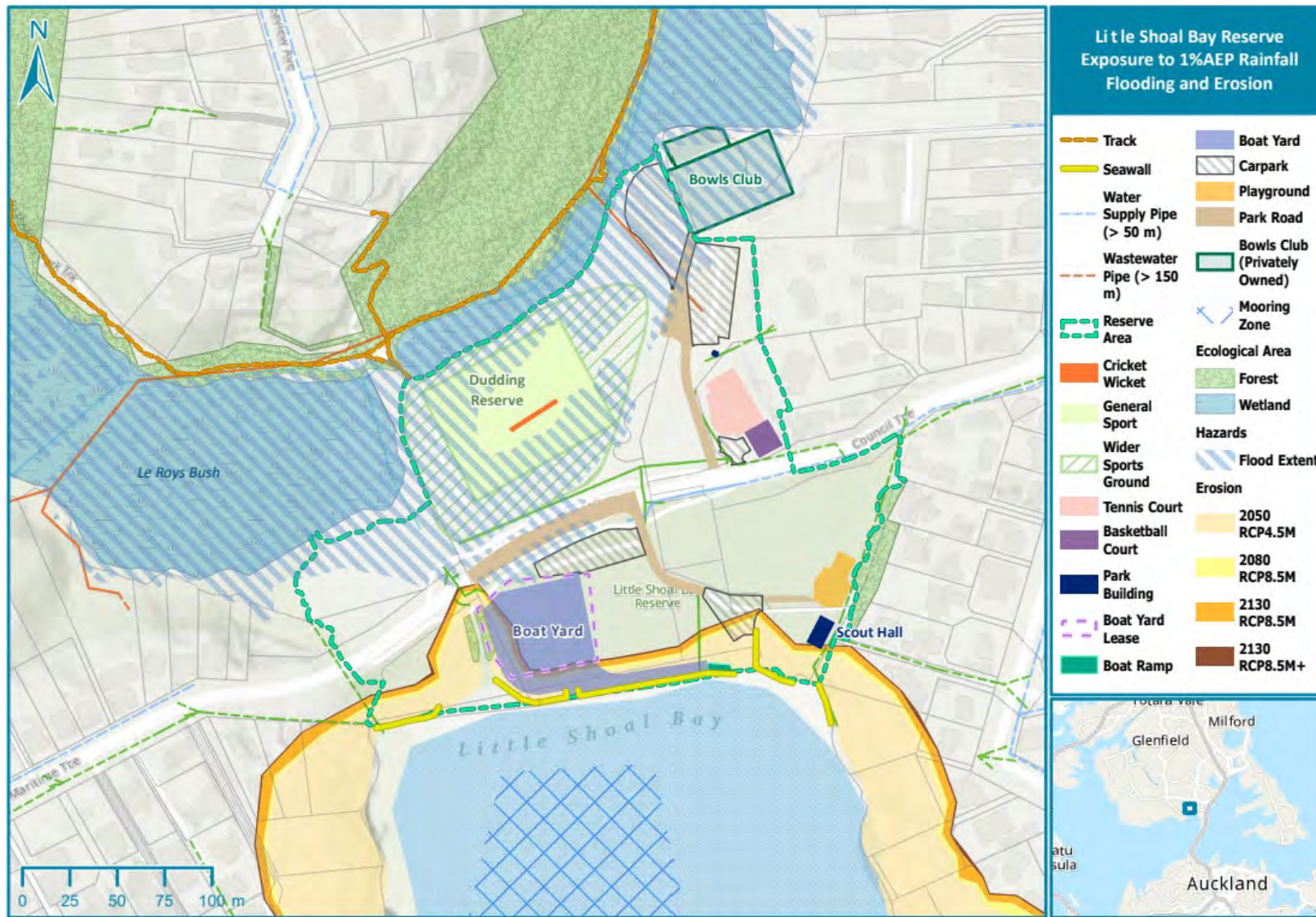


Figure 14: Erosion susceptibility for a range of future climate change scenarios and present-day pluvial flooding extents

## 7.6 Vertical land movement

Vertical land movement is reported as the average long-term rate of change over time of the elevation of the land surface. Processes such as tectonic movements and subsidence cause land to move up or down. Change in land surface elevation can impact relative sea level rise at any particular location. At Wai Manawa/Little Shoal Bay, it is possible that both the reclamation and wetland areas could have settled over time resulting in subsidence, and thus more at risk of inundation.

The recently published data on the NZSeaRise website suggests an average VLM of around -2.8 mm/yr (i.e., subsidence) at this location based on InSAR and GPS data between 2003 and 2010. Subsidence does not affect the sea level projections used for this study but could mean that inundation could occur sooner and the depth of inundation greater. However, given the broad time scales (short/medium/long), and the selection of available scenarios, any shift in relative sea-level rise as a result of vertical land movement is still likely to still be captured within the short/medium and long-term timeframes considered in the project.

## 7.7 Elements at risk

Elements considered at risk within the study are the Auckland Council-owned land and assets and supporting infrastructure near the coast. These are elements that the risk assessment has focused on quantifying. These elements are grouped within the four wellbeings of the Local Government Act:

Economic	<ul style="list-style-type: none"> <li>Assets including the road corridor and three waters infrastructure</li> </ul>
Environmental	<ul style="list-style-type: none"> <li>Based on the Auckland Unitary Plan including land area of areas of natural significance</li> <li>Environmental exposure is based on land areas and does not include the coastal-coastal transition zone that extends seaward of mean high water springs that also has significant value</li> </ul>
Social	<ul style="list-style-type: none"> <li>Focusing on Auckland Council-owned social assets and infrastructure including recreation areas, parks and reserves as taken from the AUP dataset, and their supporting amenity focused infrastructure</li> <li>Auckland Council provided data sets</li> </ul>
Cultural	<ul style="list-style-type: none"> <li>Utilising a set of indicators based on cultural heritage sites to gain some understanding of potential sites of significance</li> <li>However, it is recognised there are likely to be sites not recorded that may have equal or greater value, and other values and connections for mana whenua that cannot be attributed in this method</li> </ul>

To facilitate a better understanding of where exposure occurred, Wai Manawa/Little Shoal Bay was divided into nine units, including the intertidal foreshore area. These units generally reflected different primary uses and locales within the project area (Figure 15), although it is noted that the

Boat Yard lease area comprises a smaller area within the more generally defined Boat Yard unit (refer Figure 4). A schedule of the elements at risk within these units is included in Appendix B.

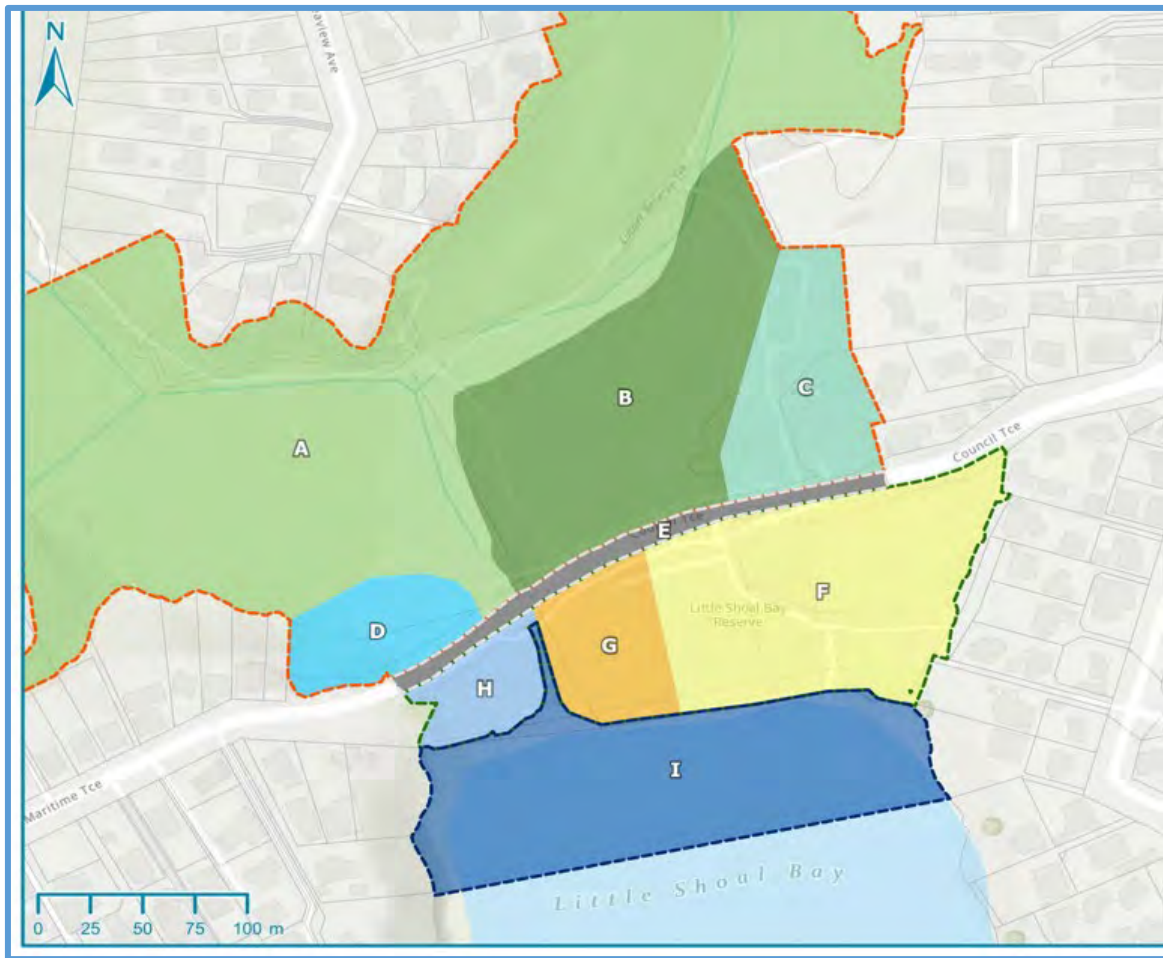


Figure 15: Eight units representing Wai Manawa/Little Shoal Bay reserve and environs

### 7.7.1 Social wellbeing

Social wellbeing focussed on Auckland Council-owned social assets and infrastructures. This included an assessment of the community's importance which is placed on recreation areas, parks, and reserves as taken from the AUP dataset (provided by Auckland Council), and park assets and coastal infrastructure. The majority of the land area (Units B, C, D, F, G and H) are dominated by social land and infrastructure. Social infrastructure, such as boardwalks and tracks are also present in Unit A.

### 7.7.2 Economic

The economic aspect focused on assets assigned to the following categories for the analysis:

- Road corridor
- Three-waters infrastructure (including potable water supply, wastewater, and stormwater networks).



Unit E is the road corridor running from east to west through the reserve land. Wastewater infrastructure is located within units A, B, C, E and F with stormwater infrastructure in all units.

### 7.7.3 Environmental

Environmental classifications were based on a range of sources included in the AUP and definitions as set out in Table 4. Environmental exposure is based on land areas and does not include the coastal-coastal transition zone that extends seaward of the line of mean high water springs that also has significant value.

*Table 4: Environmental measure classifications*

Measure	Source
Natural areas of significance	<ul style="list-style-type: none"> <li>• Natural resources               <ul style="list-style-type: none"> <li>○ Significant ecological areas overlay</li> <li>○ Natural stream management areas</li> <li>○ Wetland management areas overlay</li> </ul> </li> <li>• Natural heritage               <ul style="list-style-type: none"> <li>○ Outstanding natural features overlay</li> <li>○ Outstanding natural landscape</li> <li>○ Outstanding natural character overlay</li> <li>○ High natural character overlay</li> </ul> </li> </ul>
Open space – Conservation	AUP base zone classified
Closed landfills	Auckland Council closed landfill locations

### 7.7.4 Cultural

Cultural aspects are not readily able to be assessed using western world view approaches, particularly for mana whenua. This exposure assessment used a set of indicators based on recorded cultural heritage sites to gain some understanding of potential sites of significance but recognises there are likely to be sites and/or values not recorded that may have equal or greater value, particularly for mana whenua.

A range of datasets was used to provide proxies for cultural asset exposure. Additional to the AUP Special Purpose Zones, other datasets available on the AUP GIS viewer are used to supplement the assessment of exposure for cultural sites:

- AUP Historic Heritage Extent of Place Overlay
- AUP Historic Heritage Place Overlay
- AUP Sites and Places of Significance to mana whenua Overlay
- New Zealand Archaeological Association Cultural Sites.

There were only three identified cultural records within this area, and these were plaques, monuments and the historic wharf site but there were no identified mana whenua sites. However, there was significant historic connection and importance of this area to mana whenua, and it is likely that this has been impacted by the more recent reclamations.

## 7.8 Exposure classification

As part of the assessment, the four wellbeings need to be classified into defined ranges from ‘very low’ to ‘very high’. This allows ease of comparison between the various wellbeings (noting some can have a prescribed financial value while for other well beings, a financial quantification is either not appropriate or readily able to be done).

A percentage-based approach has been developed, fitting to a quasi-normal distribution with 10% and 90% representing the very-low and very-high ends of the spectrum. This approach considers the value of each wellbeing in the elements within the combined long-term hazard (i.e., both the coastal inundation and erosion) extent of cell. Table 5 presents the percentage thresholds used within the study.

The exposure classification allows an understanding of the quantity or extent of a particular asset or value and can therefore enable an understanding of which unit has more, or less, exposure compared to other units.

*Table 5: Classifications percentage thresholds*

Class	Percentage of value per hectare/length for social, economic, and environmental wellbeings
Very Low	< 10%
Low	10% - 30%
Moderate	30% - 50%
High	50% - 90%
Very High	> 90%

## 7.9 Exposure assessment results

Detailed exposure results for point assets and areas are included in Appendix B, identifying both the number of point assets and area affected by both coastal erosion and inundation and the percentage of exposure. Scenarios assessed were the 2050, 2080 and 2130+ scenario for coastal erosion, and the 1% AEP storm surge for the present day and with 0.5, 1.0 and 2.0 m sea level rise, although the tables below only present information with up to 1 m sea level rise.

Information on catchment flooding was not included as this is similar to the extent of coastal inundation in the present day. Results are presented with the specific wellbeing identified and

location of the assets and totals are provided that relate to the specific asset layer obtained from Auckland Council's GIS.

Table 6 shows the percentage area of units affected by coastal inundation. The majority of the cricket pitch and the boat yard areas are already highly susceptible to coastal inundation. Increased sea level rise has a relatively small impact on increasing the extent of inundation, but inundation will be more frequent and greater depths of inundation will occur in these areas.

Le Roys Bush (Unit A) is highly exposed to coastal inundation in all periods. While the Road Reserve (Unit E) and Beach Front Reserve (Unit F) transition to high exposure in the medium term. The remaining areas remain moderately exposed in the medium term but increase to highly exposed in the long term with the exception of the landward part of the Maritime Terrace abutment (Unit D).

*Table 6: Percent of area of unit affected by coastal inundation*

Unit	Main wellbeing in the unit	Short term	Medium term	Long term
A - Le Roys Bush and Environs	Environmental	55%	62%	64%
B - Cricket Pitch	Social	98%	100%	100%
C - Tennis/Basketball and Parking	Social	13%	32%	53%
D - Maritime Terrace Abutment	Social	24%	36%	43%
E - Road Reserve	Economic	42%	59%	66%
F - Beach Front Reserve	Social	20%	55%	65%
G - Boat Yard	Social	94%	98%	98%
H - Maritime Terrace Abutment	Social	22%	41%	54%

Units are generally less affected by coastal erosion (Table 7), with erosion susceptibility low in the present term for Units E, F and G and moderate from Maritime Terrace Abutment (Unit H). Exposure increases to high for Unit H in the medium to long term and is high for the Boat Yard (Unit G) in the long term.

*Table 7: Percent of area of unit affected by coastal erosion*

Unit	Main wellbeing	Short term	Medium term	Long term
E - Road Reserve	Economic	0%	0%	2%
F - Beach Front Reserve	Social	12%	13%	17%
G - Boat Yard	Social	23%	25%	35%
H - Maritime Terrace Abutment	Social	50%	54%	68%



## 8.0 Engagement process

This section summarises the engagement process used to develop the SAP Wai Manawa/Little Shoal Bay.

### 8.1 Engagement with mana whenua

The guiding principles from mana whenua for all SAPs (see Section 1.3) were used to inform the recommended high level strategies set out by each plan and will also be used to evaluate actions and plans that are informed by these strategies.

In the feedback during the eight hui held during the SAP process, iwi also identified that it was important that iwi groups lead the guidance of restoration and storytelling of cultural and natural heritage supported by community groups. This aligns with the Kaipātiki Local Board Plan (2020) commitments as listed below:

- Ensuring that Māori identity, culture and language is consistently incorporated into programmes, services and facility developments
- Supporting community support and networking programmes that respond to the needs of our Māori communities.

### 8.2 Community engagement

Community engagement involved a range of public events, an online survey through the AK Have Your Say page, a webinar and community workshop sessions. The opportunity for the community to provide further insight into key values, issues and concerns for Wai Manawa was offered via submissions to Council as part of the digital engagement process. A total of 19 submissions were provided to Council via email. Mitchell Daysh (2022) prepared a detailed summary of the engagement process for the community and details of the community feedback based on analysis by Auckland Council. This report is included in Appendix C.

Two workshops were facilitated to enable focused discussion of SAP community objectives, strategies and adaptation options for the reserve and wetland areas. The workshops included a range of participants from a variety of backgrounds with most participants being residents of the nearby area. In total, 38 participants attended Workshop 1 and 50 participants attended Workshop 2.

#### **Acknowledgment of the “Save our Bay” Petition:**

In March 2022, the Save Our Bay campaign ran a Change.org petition inviting the community to have their say about the future of Little Shoal Bay.

Over 850 people from the community signed the petition over a three-week period asking Auckland Council to retain the bay’s parks and recreational facilities, with a number providing supporting commentary.

The Kaipātiki Local Board was presented with a presentation of the petition and provided with a summary of the results. Key findings from the commentary included within this petition were:

- People love Wai Manawa/Little Shoal Bay just the way it is
- There is a strong desire to retain and improve the facilities
- People want to balance the environmental needs and protect the freshwater ecology.

### 8.3 Engagement with the Kaipātiki Local Board

Several presentations were made to local board workshops to update them on the engagement process and provide members with the opportunity to provide feedback. Two joint engagement hui were also held with representatives of the local board (chair and deputy chair) and mana whenua to assist with aligning objectives and outcomes.

### 8.4 Engagement with Auckland Council specialists

Specialists from Community Facilities, Parks Sports and Recreation, Healthy Waters and Regulatory Services participated in the project team internal workshops and meetings as well as attending the public and local board workshops. Watercare and Auckland Transport were briefed on progress throughout preparation of the plan and development of the management strategies.

## 9.0 Values and objectives

The values and objectives have been obtained from engagement carried out throughout development of the ‘mini’ SAP with mana whenua, the local community and the Local Board, and are summarised in Section 8.0. They have been further informed by mana whenua’s guiding principles (as set out in Section 1.0), from previous management plans (as set out in Section 6.2), understandings of the policy guidelines (Section 3.5).

It is recognised that the profile raising, information dissemination and engagement instigated by Save Little Shoal Bay organization, an independent group formed by interested community members created significant public interest and that assisted with the engagement and feedback through this process.

### 9.1 Visions and values

Some 395 responses to the survey were received with written comments, photographs and suggested development and mitigation options within the reserve and wetland areas. Table 8 shows a summary of the responses based on five high-level categories and the number of survey results tagged. More than 60% of respondents commented on the importance of active and passive recreation and 48% on the importance of the environment. The boat yard was an area of considerable interest in the digital engagement with 182 participants commenting on it (around 46% of the respondents). Ninety-two (23% of respondents) indicated they supported its removal and 50 participants (13% of respondents) indicated they support it remaining.

Figure 16 shows the areas most commented on within each high-level category. For active recreation, the highest rated comments were associated with the sports field (45% of respondents) followed by walking, and the playground (23% and 21% respectively). Strong support for the wetland, biodiversity, the stream and water quality were raised in the environment category. The remaining categories generally received fewer responses. Most items for passive recreation were seen as important, while for access the walkways, road and carpark received the most responses.

*Table 8: Online survey results (Source: Mitchell Daysh, 2022)*

High level category	# of survey results tagged	Results of sub-topic tags
Active recreation	268	<ul style="list-style-type: none"> <li>The active recreation values of the reserve areas were highly commented on by the local community</li> <li>Topics of importance included the sports field and other sport-related activities</li> <li>The community also highly valued the importance of the reserve for walking and the availability of the playground for children</li> </ul>
Passive recreation	238	<ul style="list-style-type: none"> <li>The passive recreation value of Wai Manawa/Little Shoal Bay was highly commented on</li> </ul>

High level category	# of survey results tagged	Results of sub-topic tags
		<ul style="list-style-type: none"> <li>• Topics of importance included the boat yard, the ability to picnic, the amenity reserve as a viewpoint and location for events, and its importance to the local community as a place to connect to nature.</li> </ul>
Access	110	<ul style="list-style-type: none"> <li>• Subtopics within the access category related to the importance of walkways and boardwalks and ensuring that the road remain a functioning transport connection with adequate parking</li> </ul>
Community heritage and cultural values	83	<ul style="list-style-type: none"> <li>• Comments within this category focused mostly on enabling community connectivity to the reserve and the importance of Wai Manawa / Little Shoal Bay as a heritage location and site of Manua Whenua significance</li> </ul>
Environment	189	<ul style="list-style-type: none"> <li>• The environment was also a key focus. Topics of importance included biodiversity, the wetland areas, improving water quality, the stream and concern about contamination</li> </ul>

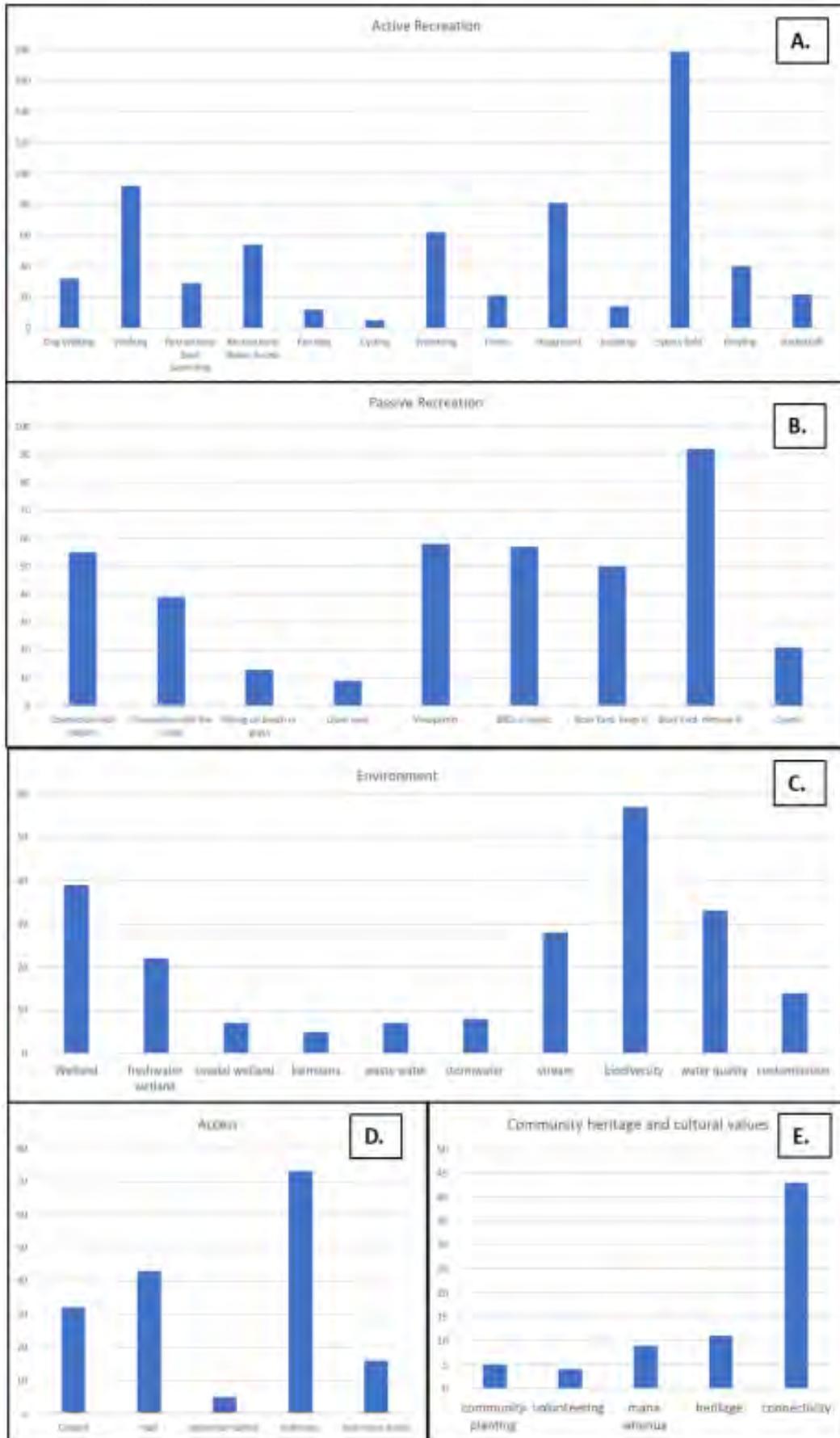


Figure 16: Responses for specific issues within key category areas

## 9.2 Objectives

The purpose of Workshop 1 was to understand local knowledge and to have thorough discussions with participants to identify and agree key community values, objectives and outcomes. The primary and secondary objectives were based on the high level categories identified through community engagement. Primary and Secondary objectives along with key outcomes for each unit are shown in Table 9.

Table 9: Key objectives and outcomes from community Workshop 1

Cell	Unit	Primary objective	Secondary objectives	Key outcomes
North of road	A Le Roys Bush and environs	Environment	<ul style="list-style-type: none"> <li>• Passive Recreation</li> <li>• Access</li> <li>• Community, heritage &amp; cultural values</li> </ul>	<ul style="list-style-type: none"> <li>• Enhance natural wetland functioning</li> <li>• Reduce pollutants from catchment entering wetland</li> <li>• Maintain functioning wastewater network</li> <li>• Enhance network of boardwalks</li> <li>• Raise awareness of sense of place for cultural heritage and environment</li> </ul>
	B Cricket pitch	Active recreation	<ul style="list-style-type: none"> <li>• Access</li> <li>• Passive Recreation</li> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Retain space for active recreation (sport)</li> <li>• Dog walking</li> <li>• informal active recreation</li> <li>• Enhance wetland edges and functioning</li> </ul>
	C Tennis/ Basketball and parking	Active recreation	<ul style="list-style-type: none"> <li>• Access</li> <li>• Passive recreation</li> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Retain basketball and tennis court</li> <li>• Maintain access and connection to boardwalks, walkways and southern reserve area</li> <li>• Improve access and parking</li> </ul>
	D Abutment (north)	Passive recreation	<ul style="list-style-type: none"> <li>• Environment</li> <li>• Community, heritage and cultural values</li> </ul>	<ul style="list-style-type: none"> <li>• Raise awareness of sense of place for cultural heritage and environment</li> <li>• Include in landscaping/planting area</li> </ul>
Road reserve	E Road reserve	Access	<ul style="list-style-type: none"> <li>• Recreational Water access</li> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain multi-modal route access along road reserve.</li> <li>• Ensure safe access across road to adjacent reserve areas.</li> </ul>



Cell	Unit	Primary objective	Secondary objectives	Key outcomes
South of road	F Beach front reserve	Passive recreation	<ul style="list-style-type: none"> <li>• Access</li> <li>• Active recreation</li> <li>• Recreational Water access</li> <li>• Community, heritage and cultural values</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain high quality reserve space</li> <li>• Enhance access to the water.</li> </ul>
	G Boat yard	Passive recreation	<ul style="list-style-type: none"> <li>• Recreational water access</li> <li>• Environment</li> <li>• Active recreation</li> <li>• Community, heritage and cultural values</li> </ul>	<ul style="list-style-type: none"> <li>• Resolve boat yard status</li> <li>• Enhance opportunities for active and passive recreation around the coast edge including swimming, kayaking, fishing and walking</li> <li>• Improve and enhance environment</li> </ul>
	H Abutment (south)	Passive recreation	<ul style="list-style-type: none"> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Enhance opportunities for passive recreation experiences including outlooks and picnicking areas</li> <li>• Improve and enhance environment</li> </ul>
Foreshore (CMA)	I Foreshore	Passive recreation	<ul style="list-style-type: none"> <li>• Recreational water access</li> <li>• Environment</li> </ul>	<ul style="list-style-type: none"> <li>• Improve and enhance environment</li> <li>• Improve access from reserve to foreshore</li> </ul>

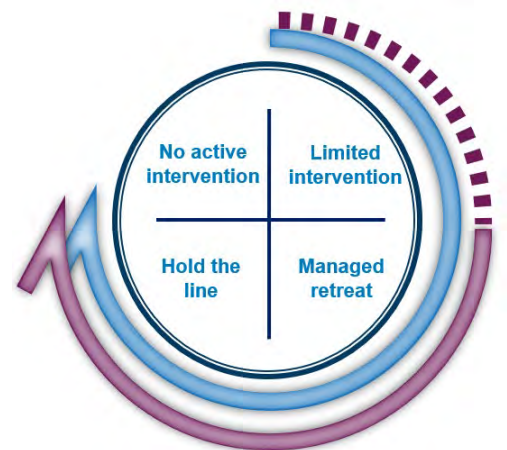
## 10.0 Adaptation strategies

Shoreline adaptation strategies need to be targeted and specific, with the chosen strategy and pathway taking into account the unique character and values of the coastal areas in question. The development of adaptation strategies requires consideration of escalating risk, the values of mana whenua, feedback of infrastructure providers, and the objectives of the local community. Giving effect to mana whenua values in the development and implementation of adaptation strategies is essential.

### 10.1 Adaptation strategy definitions

Four major adaptation strategies to set long-term management approaches are considered which are outlined below:

<p><b>No Active Intervention (NAI)</b></p> <p>Natural processes are allowed to continue.</p> <ul style="list-style-type: none"> <li>• There is no investment in the provision or maintenance of any defences.</li> <li>• This strategy is automatically selected for areas of the coastline that are not owned by Auckland Council.</li> </ul>
<p><b>Limited Intervention (LI)</b></p> <ul style="list-style-type: none"> <li>• Limited works are undertaken to extend the existing asset life or to ensure assets remain safe, including localised retreat of individual assets.</li> <li>• This approach acknowledges that the coastline’s position will not be fixed into the future and may include small-scale nature-based measures (like dune planting) to support the coastline’s resilience.</li> </ul>



<p><b>Managed Retreat (MR)</b></p> <ul style="list-style-type: none"> <li>• Assets and activities are moved away from hazard-prone areas in a controlled way over time.</li> <li>• Managed retreat allows greater space for natural buffers and reduces asset exposure to natural hazards.</li> </ul>
<p><b>Hold the Line (HTL)</b></p> <ul style="list-style-type: none"> <li>• The function and use of the area in question is preserved.</li> <li>• This may include the use of nature-based options (like beach nourishment) or hard structures (e.g. sea walls).</li> <li>• Nature-based options are the preferred method where possible.</li> </ul>

Adaptation strategies are recommended across the short (0-20 years), medium (20-60 years), and long (60+ years) timeframes. However, when dealing with climate change impacts, it is important to note that the timing of when a change in strategy is required can be uncertain. While specific signals and triggers are not identified in this plan, we have endeavoured to provide high-level indications of potential impacts that would lead to a change in strategy.

## 10.2 Community preferred adaptation strategies

The purpose of the Workshop 2 sessions was to confirm the community objectives and outcomes previously identified and discuss the range of potential adaptation strategies and their alignment with identified community priorities.

The results of the high-level strategies based on Workshop 2 are shown in Figure 17 as well as the community primary and secondary objectives within each unit. In most areas there were clear preferences of adaptation approaches to apply. In Area I the preferred action was 'limited intervention', while for the reserve areas seaward of the road, the strategy was to 'hold the line' to maintain the high-quality reserve space for wider public use. 'Hold the line' was also the preferred strategy within the majority of Unit B and all of Unit C. Within Le Roys Bush there was a greater range of suggested strategies.

Overall, the themes for the reserve included:

- Improving the water quality of the Coastal Marine Area
- 'Holding the line' along the coastal edge with improved water access and enhancement of the beach front reserve
- Maintaining the active recreation areas of the reserve and some 'limited intervention' within the freshwater wetland.

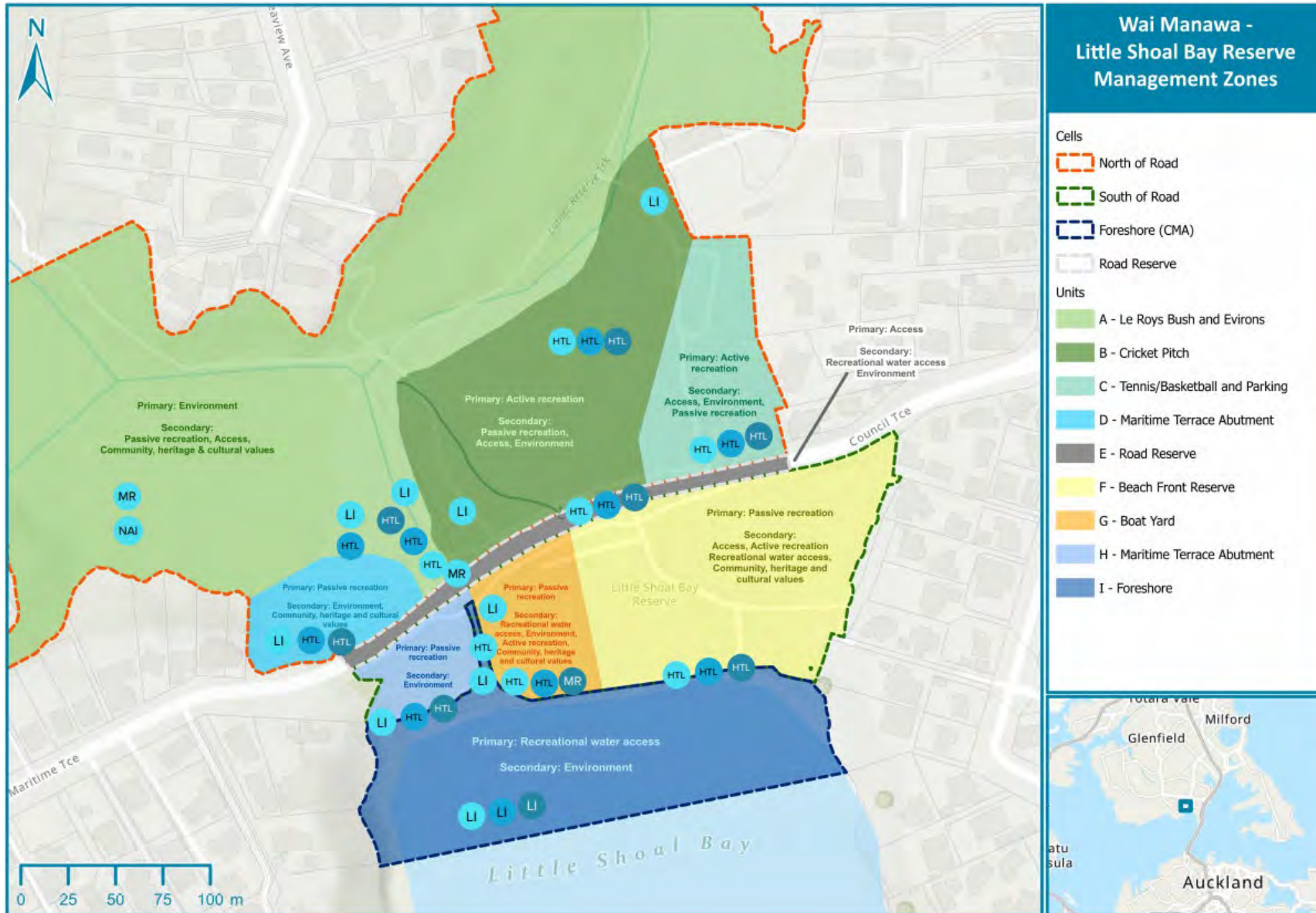


Figure 17: Consolidated feedback from community Workshops 1 and 2

## 10.3 Community suggested actions

During the community workshops, actions were also suggested for the various units. Table 10 shows the suggested actions and the range of ideas for the wetland, consistent with the range of proposed adaptation strategies and developed from the key outcomes in Table 9. It also shows a range of possible actions depending on the future of the boat yard.

Table 10: Suggested actions for unit areas identified during community workshops

Unit	Area	Suggested actions from community workshop
A	Le Roys Bush and Environs	Naturalise wetlands if NAI allows natural succession
A	Le Roys Bush and Environs	Help facilitate the zonal transition from saltwater to freshwater by managing vegetation
A	Le Roys Bush and Environs	Allow natural succession - improve both freshwater and saltwater areas
A	Le Roys Bush and Environs	Reduce flow through culvert if <i>Managed Retreat</i>
A	Le Roys Bush and Environs	Perhaps allow freshwater, transition and saltwater zones to form in the short term but apply controls to maintain zone edges when established trees are threatened
B	Cricket Pitch	Retain Dudding Reserve for cricket and other sports perhaps increase levels but let the west go to wetland
A/B	Le Roys Bush and Environs/Cricket Pitch	Close the pipe
B	Cricket Pitch	Raise the level of the cricket pitch
A	Le Roys Bush and Environs	Reinstalling flood gates in the short term to manage seawater influx
A/G	Le Roys Bush and Environs/Boat Yard	Maintain and potentially enhance fish passage
A/G	Le Roys Bush and Environs/Boat Yard	Manage contaminants in boat yard and Le Roys bush
A	Le Roys Bush and Environs	Natural approaches to slow water flow/ encroachment
E	Road Reserve	Improve road safety as a part of access. Plantings and crossings to be looked at
F	Beach Front Reserve	Improve water access where seawall currently sits, perhaps with a natural option like Huia. Improve Safety, particularly access for families
F	Beach Front Reserve	Improve or maintain seawall



Unit	Area	Suggested actions from community workshop
F	Beach Front Reserve	Improve access, open to a natural option moving away from hard infrastructure like seawalls
F	Beach Front Reserve	Retain and enhance seawall. Natural options could be considered as well
F	Beach Front Reserve	Be careful to maintain water access for pedestrians. Consider the safety of a sharp seawall on children/paddle boarders' feet
G	Boat Yard	If the boat yard is removed, plant and enhance value for passive recreation
G	Boat Yard	Keep seawall
G	Boat Yard	Close the boat ramp as sea-level rise increases
G	Boat Yard	Clean up contaminants
G/H	Boat Yard/Maritime Terrace Abutment	Remove wrecks/old boats from area
H/G	Boat Yard/Maritime Terrace Abutment	Short term re-install flood gates to help control seawater flow
H/G	Boat Yard/Maritime Terrace Abutment	Flood gates as a short-term option to reduce seawater flow
G	Boat Yard	Enhance natural value
H	Maritime Terrace Abutment	Improve hazard posed by water velocity from pipe out to sea
I	Maritime Terrace Abutment	Retain Māori values in these areas and access to Mahinga kai
I	Maritime Terrace Abutment	Reduce contaminants from the land areas
All		If <i>hold the line</i> happens for southern sites - reduces need for actions in northern sites
CMA	Foreshore	Groynes as a potential HTL solution alongside the seawall
CMA	Foreshore	Improve water quality and access for water activities
CMA	Foreshore	Identify source of contaminants

## 10.4 Preferred adaptation strategies

Based on community feedback, understanding the guidance imposed by regional and national policy, particularly associated with wetlands, and a consideration of the mana whenua guiding principles, the preferred adaptation strategies were developed and are set out in Table 11. Strategies include ‘limited intervention’ for Le Roys Bush and environs and the coastal marine area within Shoal Bay for all time frames, and ‘hold the line’ for the land-based reserve areas for all time periods.

*Table 11: Preferred high level adaptation strategies for the units in Wai Manawa/Little Shoal Bay.*

Cell		Unit	Short term 2025 - 2045	Medium Term 2045 - 2085	Long Term 2085 - 2130
North of road	A	Le Roys Bush and environs	Limited intervention	Limited intervention	Limited intervention
	B	Cricket pitch	Hold the line	Hold the line	Hold the line
	C	Tennis/ basketball and parking	Hold the line	Hold the line	Hold the line
	D	Abutment (north)	Hold the line	Hold the line	Hold the line
Road reserve	E	Road reserve	Hold the line	Hold the line	Hold the line
South of road	F	Beach front reserve	Hold the line	Hold the line	Hold the line
	G	Boat yard	Hold the line	Hold the line	Hold the line
	H	Abutment (south)	Hold the line	Hold the line	Hold the line
Foreshore (CMA)	I	Foreshore	Limited intervention	Limited intervention	Limited intervention

## 10.5 Possible current (2022 -2025) actions

As implementation of the SAP strategies could take a number of years as the SAP process is being applied around the entire Auckland region, a range of actions that can be undertaken to meet current issues within current budgets have been identified.

Table 12 presents the current actions that can be undertaken to support development of the strategies and to address current issues.

*Table 12: Possible actions to support development of strategies and address current issues*

Item	Unit	Short Term Strategy	Action
1	Unit A (Le Roys Bush)	Limited intervention	<ul style="list-style-type: none"> <li>Additional studies to understand salt water/freshwater effects of possible actions.</li> </ul>
2	Unit B (Car park adjacent to bowling club)	Hold the line	<ul style="list-style-type: none"> <li>Local bund raising and stormwater upgrade to reduce nuisance flooding of car park.</li> </ul>
3	Unit B (Duddings Reserve)	Hold the line	<ul style="list-style-type: none"> <li>Shift and raise cricket pitch to the east to retain active recreational space and planting of eastern edge of reserve.</li> </ul>
4	Unit B and E (Duddings and road access)	Hold the line	<ul style="list-style-type: none"> <li>Install non-return valves on stormwater pipes to reduce nuisance sea inundation due to high tides (does not address larger flooding).</li> </ul>
5	Unit G/F (Boat yard and beach front reserve area)	Hold the line	<ul style="list-style-type: none"> <li>Investigate options to reduce inundation through beach access ramp.</li> <li>Could include removing access ramp to boat yard by extending seawall, or low bunds on reserve to reduce flood pathway during high tides and storm surge events.</li> </ul>
6	Unit I (CMA adjacent to 1350 outlet at western end of bay)	Limited intervention	<ul style="list-style-type: none"> <li>Investigate benefit of existing unauthorised wool bale bag groyne structure and options for more durable replacement if retaining structure is preferred.</li> </ul>

## 11.0 Conclusions

The Wai Manawa/Little Shoal Bay ‘mini’ SAP has set the long-term strategic direction for management of the Bay and its environs. It outlines decisions on how Auckland Council-owned land and assets will be sustainably managed against the impacts of coastal hazards and climate change across the short (0-20 years), medium (20-60 years), and long (60 years and onwards) term.

As a more focussed, ‘mini’ SAP, the Plan also includes a series of six possible current actions that can be undertaken within existing budgets to address current issues and support the development of future adaptation strategies.

### 11.1 Next steps

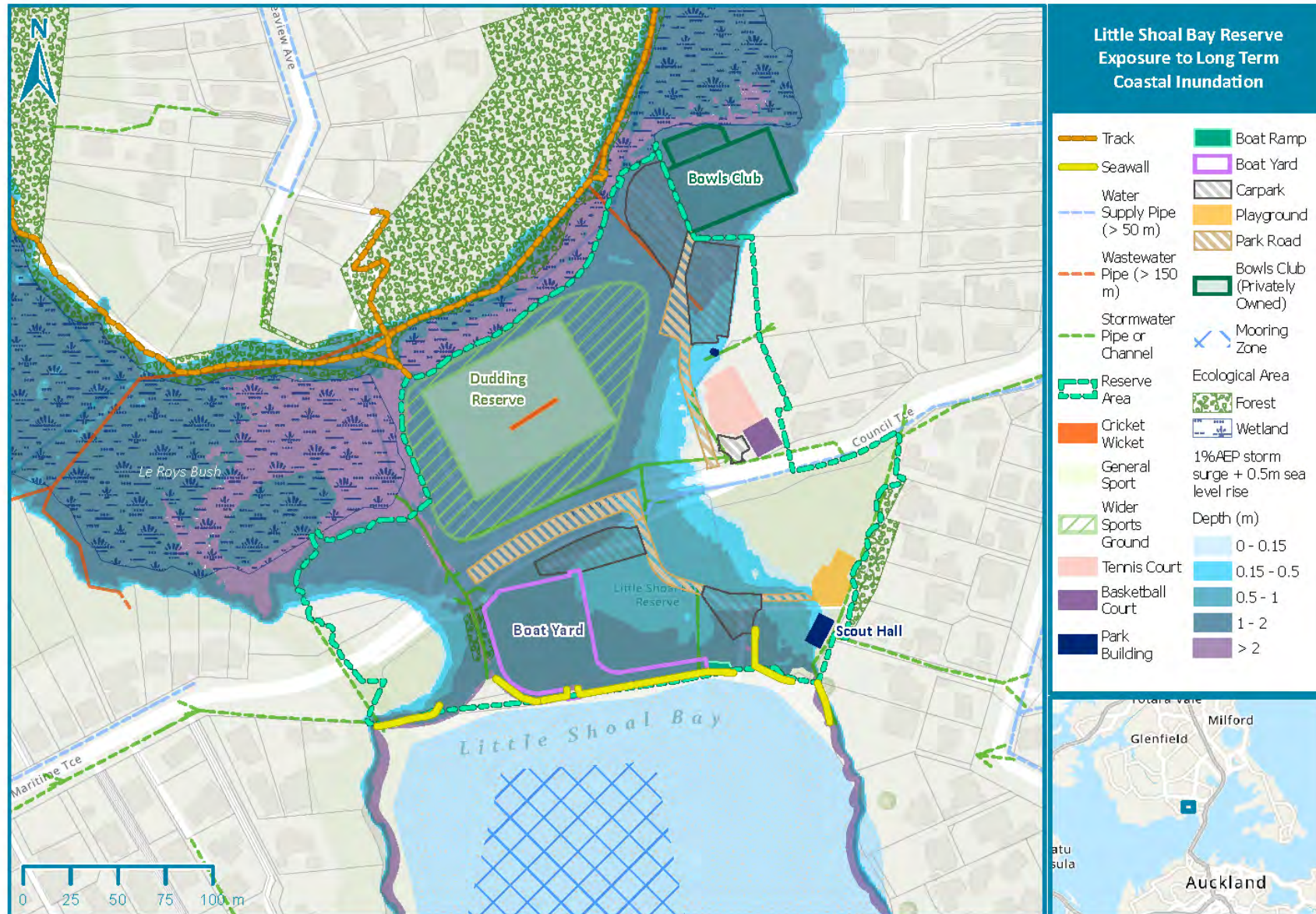
For consistency with the broader SAP Work Programme, results of the Wai Manawa/Little Shoal Bay ‘mini’ SAP will be embedded into the wider Waitemata Harbour SAP when it is developed. Recognising the extensive engagement already undertaken for Wai Manawa/Little Shoal Bay, this area will not be revisited as part of this process.

## 12.0 References

- Auckland Council (2013) Wai Manawa/Little Shoal Bay stormwater catchment management plan, Version 3, August 2013
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- Stephens, S. et al. and Tuckey, B (2016). Coastal inundation by storm-tides and waves in the Auckland region. Prepared by the National Institute for Water and Atmospheric Research, NIWA and DHI Ltd for Auckland Council, published as Auckland Council Technical Report, TR2016/017.
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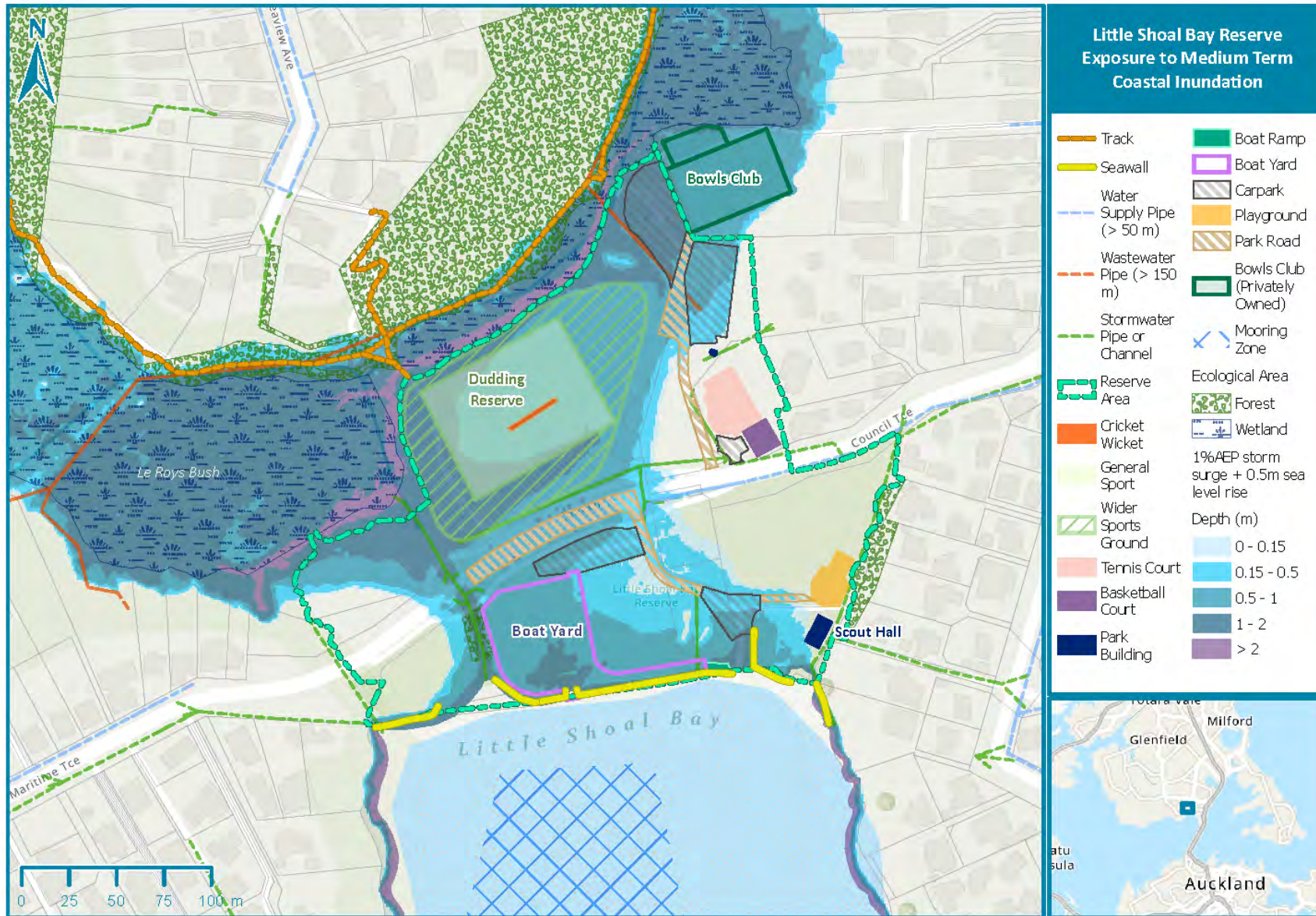


## **Appendix A: Hazard extents**



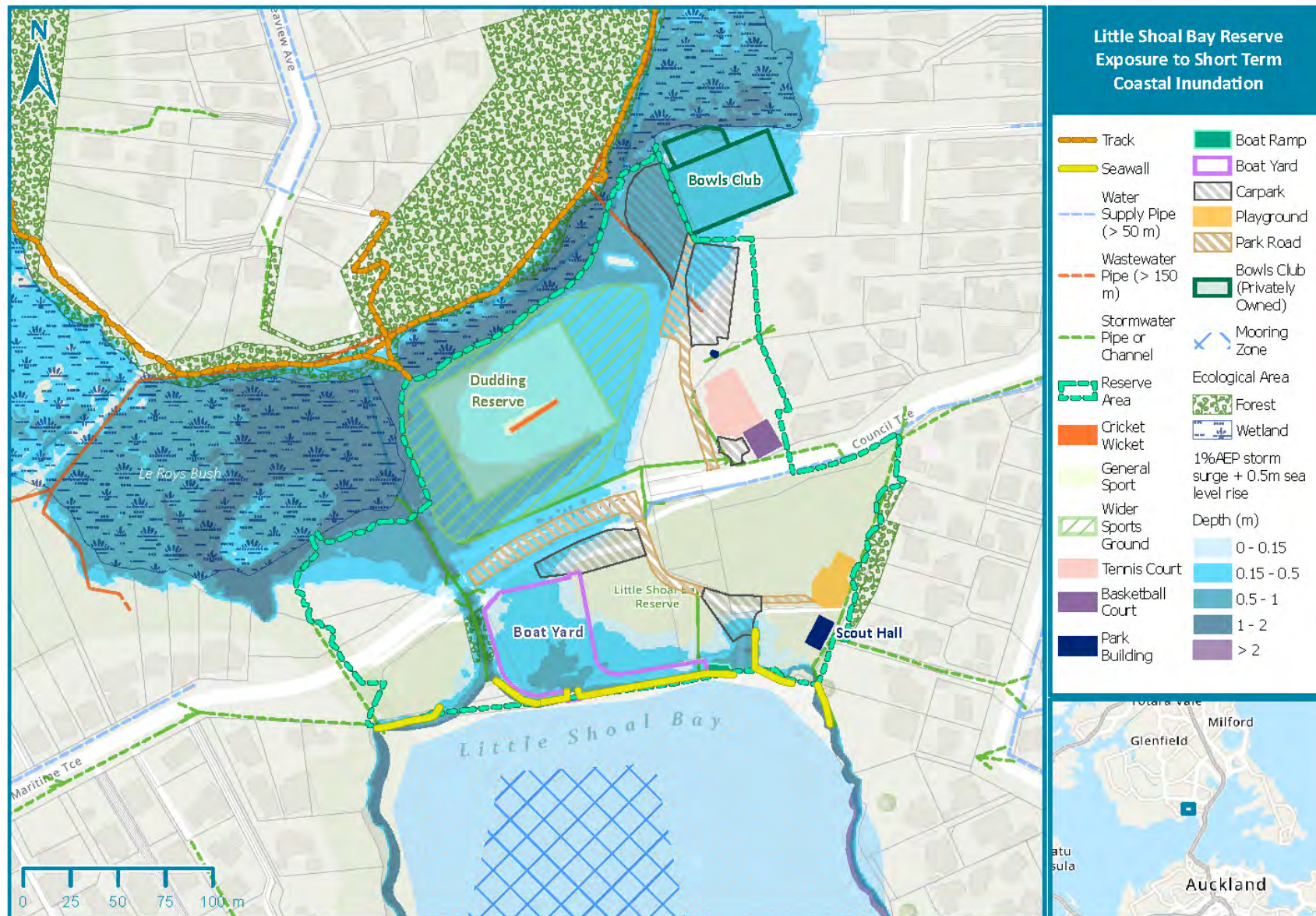
Appendix A Figure 1: Little Shoal Bay Reserve exposure to long-term coastal inundation





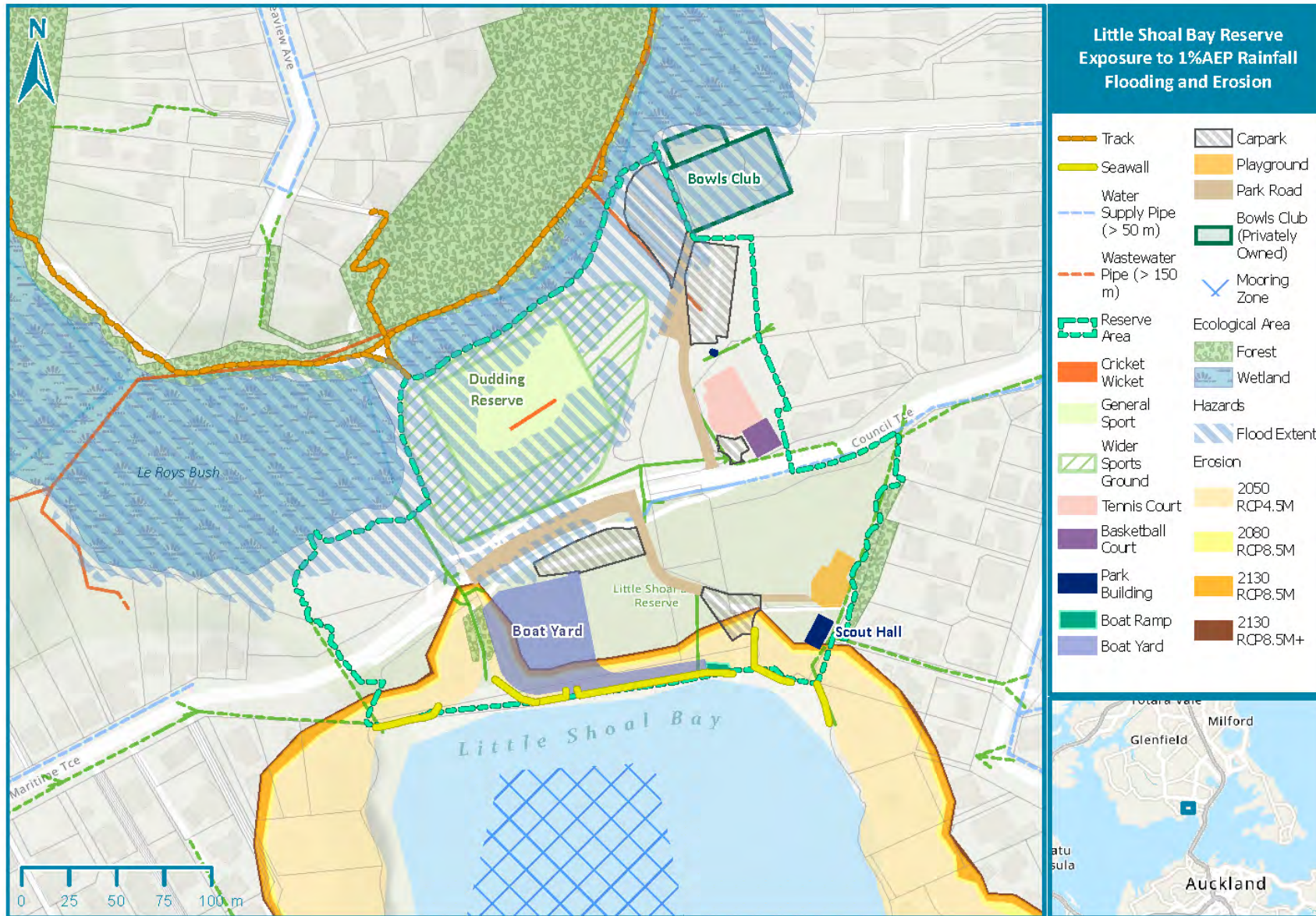
Appendix A Figure 2: Little Shoal Bay Reserve exposure to medium-term inundation





Appendix A Figure 3: Little Shoal Bay Reserve exposure to short-term coastal inundation





Appendix A Figure 4: Little Shoal Bay Reserve exposure to 1% AEP rainfall flooding and erosion





## Appendix B: Schedule of assets and exposure summary tables

Table 13: Total number or size of land areas and physical assets within project area

Wellbeing	Asset	Unit	Total in Little Shoal Bay and Le Roys Bush
<b>Total point assets</b>		<b>Count</b>	<b>74</b>
Social	BBQ	Count	2
Social	Gate	Count	3
Social	Playground Equipment	Count	2
Social	Pole	Count	15
Social	Rubbish Bin	Count	14
Social	Seat	Count	22
Social	Sports Equipment	Count	1
Social	Table	Count	2
Environmental	Kauri Dieback Station	Count	9
Cultural	Plaque	Count	2
Cultural	Monument	Count	1
Cultural	INDUSTRIAL   WHARF SITE	Count	1
<b>MASTER_ParkBuilding_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>362</b>
Social	Hall Street Beach Public Toilets	Area m <sup>2</sup>	27
Social	Toilet (Little Shoal Bay Reserve)	Area m <sup>2</sup>	12
Social	Toilet(Little Shoal Bay Reserve Scout Den)	Area m <sup>2</sup>	139
<b>MASTER_ParkGardenTurfExtent_ecological_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>182,701</b>
Environmental	BUSH-Throughout Reserve	Area m <sup>2</sup>	101,527
Environmental	BUSH-Throughout the reserve	Area m <sup>2</sup>	53,478
Social	GRAS-	Area m <sup>2</sup>	22,991
Environmental	RVEG-Behind tennis crt & W of sportfield	Area m <sup>2</sup>	1,617
Environmental	RVEG-Opposite bowling club	Area m <sup>2</sup>	161
Environmental	SHRB-Around tennis crts & c/prks	Area m <sup>2</sup>	238
Environmental	SHRB-Beside a/w to playground	Area m <sup>2</sup>	833

Wellbeing	Asset	Unit	Total in Little Shoal Bay and Le Roys Bush
Environmental	SHRB-Maritime Tc road swale planting	Area m <sup>2</sup>	43
Environmental	WILD-Throughout the reserve	Area m <sup>2</sup>	1,310
<b>MASTER_ParkSportExtent_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>11,893</b>
Social	COUH-Bball-beside tennis crt (15x15)	Area m <sup>2</sup>	225
Social	COUH-Tennis-E of playing fields	Area m <sup>2</sup>	578
Social	PETA-Beside tennis court	Area m <sup>2</sup>	136
Social	Summer - Astro - Cricket Wicket 1A	Area m <sup>2</sup>	80
Social	Winter - Soil - 1 - General Sport	Area m <sup>2</sup>	5,205
Social	Winter - Soil - Surrounds - General 1	Area m <sup>2</sup>	5,669
<b>MASTER_ParkStructureHardSurface_access_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>5,118</b>
Social	BOAR-2nd W of cricket field	Area m <sup>2</sup>	6
Social	BOAR-3rd W of cricket field	Area m <sup>2</sup>	6
Social	BOAR-4th E of junction	Area m <sup>2</sup>	6
Social	Boardwalks	Area m <sup>2</sup>	233
Social	Footpath/Tracks	Area m <sup>2</sup>	93
Social	PADS-For BBQ area by beach	Area m <sup>2</sup>	26
Social	PATH-Bridge towards Valley Rd	Area m <sup>2</sup>	74
Social	PATH-Concrete rest area above seawall	Area m <sup>2</sup>	16
Social	PATH-Dudding to Wilding Ave	Area m <sup>2</sup>	134
Social	PATH-Fairfax Av to junction	Area m <sup>2</sup>	82
Social	PATH-From 24 Glade Place	Area m <sup>2</sup>	83
Social	PATH-From C/prk to Clarence St a/w	Area m <sup>2</sup>	71
Social	PATH-from S bridge into Maritime Tce	Area m <sup>2</sup>	64
Social	PATH-Junction to junction	Area m <sup>2</sup>	450
Social	PATH-Maritime Tce N side	Area m <sup>2</sup>	366
Social	PATH-Maritime Tce N side to BOAR	Area m <sup>2</sup>	24
Social	PATH-N side cricket field	Area m <sup>2</sup>	62
Social	PATH-Private	Area m <sup>2</sup>	70
Social	PATH-S side Council Tce	Area m <sup>2</sup>	188
Social	PATH-S side Maritime Tce	Area m <sup>2</sup>	348

Wellbeing	Asset	Unit	Total in Little Shoal Bay and Le Roys Bush
Social	PATH-Seaview to cricket field	Area m <sup>2</sup>	93
Social	PATH-To toilet by tennis crts	Area m <sup>2</sup>	20
Social	PATH-to toilets	Area m <sup>2</sup>	57
Social	PATH-toilets to beach	Area m <sup>2</sup>	11
<b>MASTER_ParkStructureHardSurface_Bridge_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>150</b>
Social	BRDP-40m S of 24 Wilding Ave	Area m <sup>2</sup>	35
Social	BRDP-N side cricket field	Area m <sup>2</sup>	11
Social	BRDV-NE side cricket field	Area m <sup>2</sup>	32
Social	Pedestrian Bridge	Area m <sup>2</sup>	22
<b>MASTER_ParkStructureHardSurface_multiple_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>9,028</b>
Social	BASEC-Boat yard & slipway	Area m <sup>2</sup>	3,300
Social	BASEV-From c/prk to playground	Area m <sup>2</sup>	91
Social	CSUR-Beside Tennis & Basketball crts	Area m <sup>2</sup>	153
Social	CSUR-Between tennis crt & bowls club	Area m <sup>2</sup>	1,203
Social	CSUR-by bridge to track	Area m <sup>2</sup>	1,241
Social	CSUR-Nearest playground	Area m <sup>2</sup>	511
Social	CSUR-Sth side of Maritime Terrace	Area m <sup>2</sup>	852
Social	SURF-Cushionfall	Area m <sup>2</sup>	425
Social	VSUR-Council Terr to p/grnd c/prk	Area m <sup>2</sup>	278
Social	VSUR-To Bowls club c/prks	Area m <sup>2</sup>	840
<b>MASTER_ParkStructureHardSurface_ramp_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>51</b>
Social	BOAT-Dinghy Ramp PRIVATE	Area m <sup>2</sup>	2
Social	BOAT-SE cnr reserve by slipway	Area m <sup>2</sup>	49
<b>MASTER_ParkStructureHardSurface_steps_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>437</b>
Social	BOXS-From path down to toilets	Area m <sup>2</sup>	11
Social	BOXS-From path to beach path	Area m <sup>2</sup>	11
Social	STEP-6th down frm Seaview	Area m <sup>2</sup>	2
Social	STEP-Between 2 boardwks	Area m <sup>2</sup>	8

Wellbeing	Asset	Unit	Total in Little Shoal Bay and Le Roys Bush
Social	STEP-Concrete steps beside toilets	Area m <sup>2</sup>	2
Social	STEP-Concrete steps down to beach	Area m <sup>2</sup>	16
Social	STEP-Entry at 24 Wilding Ave	Area m <sup>2</sup>	36
Social	STEP-Private-102A Queen St	Area m <sup>2</sup>	3
Social	STEP-Private-57 Maritime Terrace	Area m <sup>2</sup>	2
<b>GasworksCappedArea_inundated (Total)</b>		<b>Area m<sup>2</sup></b>	<b>10,938</b>
<b>ManagementZones_inundated (Total)</b>		<b>Area m<sup>2</sup></b>	<b>140,595</b>
Environmental	A - Le Roys Bush and Environs	Area m <sup>2</sup>	71,695
Social	B - Cricket Pitch	Area m <sup>2</sup>	17,287
Social	C - Tennis/Basketball and Parking	Area m <sup>2</sup>	6,790
Social	D - Maritime Terrace Abutment	Area m <sup>2</sup>	3,922
Economic	E - Road Reserve	Area m <sup>2</sup>	2,274
Social	F - Beach Front Reserve	Area m <sup>2</sup>	14,925
Social	G - Boat Yard	Area m <sup>2</sup>	4,246
Social	H - Maritime Terrace Abutment	Area m <sup>2</sup>	2,681
Social	I - Foreshore	Area m <sup>2</sup>	17,139
<b>Economic</b>	<b>Wastewater pipe (Total)</b>	<b>Length m</b>	<b>1,689</b>
Economic	A - Le Roys Bush and Environs	Length m	1,239
Economic	B - Cricket Pitch	Length m	59
Economic	C - Tennis/Basketball and Parking	Length m	158
Economic	E - Road Reserve	Length m	10
Economic	F - Beach Front Reserve	Length m	223
<b>Economic</b>	<b>Stormwater Pipe (Total)</b>	<b>Length m</b>	<b>594</b>
Economic	A - Le Roys Bush and Environs	Length m	33
Economic	B - Cricket Pitch	Length m	20
Economic	C - Tennis/Basketball and Parking	Length m	154
Economic	E - Road Reserve	Length m	18
Economic	F - Beach Front Reserve	Length m	204
Economic	G - Boat Yard	Length m	7
Economic	H - Maritime Terrace Abutment	Length m	21



Wellbeing	Asset	Unit	Total in Little Shoal Bay and Le Roys Bush
Economic	I - Foreshore	Length m	10
Economic	<b>Stormwater Channel (Total)</b>	Length m	<b>91</b>
Economic	A - Le Roys Bush and Environs	Length m	45
Economic	H - Maritime Terrace Abutment	Length m	6
Economic	I - Foreshore	Length m	40
Economic	<b>Water Pipe (Total)</b>	Length m	<b>122</b>
Economic	F - Beach Front Reserve	Length m	122

Table 14: Asset exposure to coastal inundation

Wellbeing	Asset	Unit	1% AEP	1% AEP + 0.5m SLR	1% AEP + 1m SLR	1% AEP + 2m SLR
<b>Total point assets</b>		<b>Count</b>	<b>28</b>	<b>45</b>	<b>47</b>	<b>58</b>
Social	BBQ	Count		2	2	2
Social	Gate	Count	2	3	3	3
Social	Playground Equipment	Count				1
Social	Pole	Count	9	12	14	14
Social	Rubbish Bin	Count	6	10	10	13
Social	Seat	Count	8	12	12	17
Social	Sports Equipment	Count				1
Social	Table	Count		2	2	2
Environmental	Kauri Dieback Station	Count	1	1	1	1
Cultural	Plaque	Count	1	2	2	2
Cultural	Monument	Count				1
Cultural	INDUSTRIAL   WHARF SITE	Count	1	1	1	1
<b>MASTER_ParkBuilding_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>		<b>1</b>	<b>53</b>	<b>162</b>
Social	Hall Street Beach Public Toilets	Area m <sup>2</sup>			0	22
Social	Toilet (Little Shoal Bay Reserve)	Area m <sup>2</sup>			12	12
Social	Toilet(Little Shoal Bay Reserve Scout Den)	Area m <sup>2</sup>		1	41	128
<b>MASTER_ParkGarden TurfExtent_ecological_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>12,493</b>	<b>21,995</b>	<b>28,605</b>	<b>35,594</b>
Environmental	BUSH-Throughout Reserve	Area m <sup>2</sup>			124	837
Environmental	BUSH-Throughout the reserve	Area m <sup>2</sup>	2,944	6,510	10,037	13,506
Social	GRAS-	Area m <sup>2</sup>	7,869	13,349	16,070	18,386
Environmental	RVEG-Behind tennis crt & W of sportfield	Area m <sup>2</sup>	548	548	555	610
Environmental	RVEG-Opposite bowling club	Area m <sup>2</sup>	183	238	238	238
Environmental	SHRB-Around tennis crts & c/prks	Area m <sup>2</sup>	61	94	230	617
Environmental	SHRB-Beside a/w to playground	Area m <sup>2</sup>	6	38	43	43
Environmental	SHRB-Maritime Tc road swale planting	Area m <sup>2</sup>	873	1,198	1,276	1,310
Environmental	WILD-Throughout the reserve	Area m <sup>2</sup>	10	19	31	46

Wellbeing	Asset	Unit	1% AEP	1% AEP + 0.5m SLR	1% AEP + 1m SLR	1% AEP + 2m SLR
<b>MASTER_ParkSportExtent_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>10,918</b>	<b>10,953</b>	<b>10,949</b>	<b>11,874</b>
Social	COUH-Bball-beside tennis crt (15x15)	Area m <sup>2</sup>				206
Social	COUH-Tennis-E of playing fields	Area m <sup>2</sup>				578
Social	PETA-Beside tennis court	Area m <sup>2</sup>				136
Social	Summer -Astro - Cricket Wicket 1A	Area m <sup>2</sup>	79	80	80	80
Social	Winter -Soil 1 -General Sport	Area m <sup>2</sup>	5,171	5,205	5,205	5,205
Social	Winter - Soil - Surrounds - General 1	Area m <sup>2</sup>	5,669	5,669	5,664	5,669
<b>MASTER_ParkStructureHardSurface_access_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>978</b>	<b>1,452</b>	<b>1,734</b>	<b>2,142</b>
Social	BOAR-2nd W of cricket field	Area m <sup>2</sup>				6
Social	BOAR-3rd W of cricket field	Area m <sup>2</sup>	3	5	6	6
Social	BOAR-4th E of junction	Area m <sup>2</sup>	34	6	6	6
Social	Boardwalks	Area m <sup>2</sup>	18	138	193	222
Social	Footpath/Tracks	Area m <sup>2</sup>				87
Social	PADS-For BBQ area by beach	Area m <sup>2</sup>	16	26	26	26
Social	PATH-Bridge towards Valley Rd	Area m <sup>2</sup>	107	16	16	15
Social	PATH-Concrete rest area above seawall	Area m <sup>2</sup>				16
Social	PATH-Dudding to Wilding Ave	Area m <sup>2</sup>	0	134	134	134
Social	PATH-Fairfax Av to junction	Area m <sup>2</sup>				3
Social	PATH-From 24 Glade Place	Area m <sup>2</sup>				16
Social	PATH-From C/prk to Clarence St a/w	Area m <sup>2</sup>		35	49	60
Social	PATH-from S bridge into Maritime Tce	Area m <sup>2</sup>		50	64	64
Social	PATH-Junctn to junction	Area m <sup>2</sup>	141	187	252	403
Social	PATH-Maritime Tce N side	Area m <sup>2</sup>	259	318	357	366
Social	PATH-Maritime Tce N side to BOAR	Area m <sup>2</sup>	24	24	24	24
Social	PATH-N side cricket field	Area m <sup>2</sup>	56	62	62	62
Social	PATH-Private	Area m <sup>2</sup>	2	3	4	17
Social	PATH-S side Council Tce	Area m <sup>2</sup>		60	132	188

Wellbeing	Asset	Unit	1% AEP	1% AEP + 0.5m SLR	1% AEP + 1m SLR	1% AEP + 2m SLR
Social	PATH-S side Maritime Tce	Area m <sup>2</sup>	293	348	348	348
Social	PATH-Seaview to cricket field	Area m <sup>2</sup>	19	28	31	33
Social	PATH-To toilet by tennis crts	Area m <sup>2</sup>		3	20	20
Social	PATH-to toilets	Area m <sup>2</sup>		0	1	9
Social	PATH-toilets to beach	Area m <sup>2</sup>	6	8	10	11
<b>MASTER_ParkStructureHardSurface_Bridge_inundation.shp</b>		<b>Area m<sup>2</sup></b>	<b>65</b>	<b>99</b>	<b>99</b>	<b>99</b>
Social	BRDP-40m S of 24 Wilding Ave	Area m <sup>2</sup>	4	35	35	35
Social	BRDP-N side cricket field	Area m <sup>2</sup>	11	11	11	11
Social	BRDV-NE side cricket field	Area m <sup>2</sup>	32	32	32	32
Social	Pedestrian Bridge	Area m <sup>2</sup>	19	22	22	22
<b>MASTER_ParkStructureHardSurface_multiple_inundated.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>6,017</b>	<b>8,018</b>	<b>8,245</b>	<b>8,616</b>
Social	BASEC-Boat yard & slipway	Area m <sup>2</sup>	3,159	3,300	3,300	3,300
Social	BASEV-From c/prk to playground	Area m <sup>2</sup>		78	91	91
Social	CSUR-Beside Tennis & Basketball crts	Area m <sup>2</sup>				152
Social	CSUR-Between tennis crt & bowls club	Area m <sup>2</sup>	631	1,184	1,202	1,203
Social	CSUR-by bridge to track	Area m <sup>2</sup>	1,241	1,241	1,241	1,241
Social	CSUR-Nearest playground	Area m <sup>2</sup>	210	511	511	511
Social	CSUR-Sth side of Maritime Terrace	Area m <sup>2</sup>	341	852	852	852
Social	SURF-Cushionfall	Area m <sup>2</sup>			6	150
Social	VSUR-Council Terr to p/grnd c/prk	Area m <sup>2</sup>		278	278	278
Social	VSUR-To Bowls club c/prks	Area m <sup>2</sup>	436	575	765	840
<b>MASTER_ParkStructureHardSurface_ramp_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>
Social	BOAT-Dinghy Ramp PRIVATE	Area m <sup>2</sup>	1	1	1	1
Social	BOAT-SE cnr reserve by slipway	Area m <sup>2</sup>	49	49	49	49
<b>MASTER_ParkStructureHardSurface_steps_inundation.shp (Total)</b>		<b>Area m<sup>2</sup></b>	<b>3</b>	<b>7</b>	<b>11</b>	<b>22</b>
Social	BOXS-From path down to toilets	Area m <sup>2</sup>				1

Wellbeing	Asset	Unit	1% AEP	1% AEP + 0.5m SLR	1% AEP + 1m SLR	1% AEP + 2m SLR
Social	BOXS-From path to beach path	Area m <sup>2</sup>	1	3	4	5
Social	STEP-6th down frm Seaview	Area m <sup>2</sup>			0	2
Social	STEP-Between 2 boardwks	Area m <sup>2</sup>				0
Social	STEP-Concrete steps beside toilets	Area m <sup>2</sup>			1	2
Social	STEP-Concrete steps down to beach	Area m <sup>2</sup>		1	1	2
Social	STEP-Entry at 24 Wilding Ave	Area m <sup>2</sup>		0	3	6
Social	STEP-Private-102A Queen St	Area m <sup>2</sup>	2	3	3	3
Social	STEP-Private-57 Maritime Terrace	Area m <sup>2</sup>			0	1
<b>GasworksCappedArea_inundated (Total)</b>		<b>Area m<sup>2</sup></b>	<b>1</b>	<b>1,538</b>	<b>6,240</b>	<b>10,938</b>
<b>ManagementZones_inundated (Total)</b>		<b>Area m<sup>2</sup></b>	<b>66,829</b>	<b>80,527</b>	<b>92,684</b>	<b>123,743</b>
Environmental	A - Le Roys Bush and Environs	Area m <sup>2</sup>	39,582	44,654	46,073	48,364
Social	B - Cricket Pitch	Area m <sup>2</sup>	16,876	17,287	17,274	17,287
Social	C - Tennis/Basketball and Parking	Area m <sup>2</sup>	867	2,158	3,576	5,477
Social	D - Maritime Terrace Abutment	Area m <sup>2</sup>	931	1,405	1,696	2,193
Economic	E - Road Reserve	Area m <sup>2</sup>	960	1,341	1,507	1,734
Social	F - Beach Front Reserve	Area m <sup>2</sup>	2,936	8,269	9,659	11,368
Social	G - Boat Yard	Area m <sup>2</sup>	3,980	4,180	4,179	4,180
Social	H - Maritime Terrace Abutment	Area m <sup>2</sup>	594	1,112	1,460	1,936
Social	I - Foreshore	Area m <sup>2</sup>	103	119	133	145
<b>Economic</b>	<b>Wastewater pipe (Total)</b>	<b>Length m</b>	<b>598</b>	<b>951</b>	<b>1106</b>	<b>1253</b>
Economic	A - Le Roys Bush and Environs	Length m	525	761	837	907
Economic	B - Cricket Pitch	Length m	59	59	59	59
Economic	C - Tennis/Basketball and Parking	Length m	15	51	105	137
Economic	E - Road Reserve	Length m				10
Economic	F - Beach Front Reserve	Length m		80	105	140
<b>Economic</b>	<b>Stormwater Pipe (Total)</b>	<b>Length m</b>	<b>172</b>	<b>263</b>	<b>314</b>	<b>384</b>
Economic	A - Le Roys Bush and Environs	Length m	16	17	17	17
Economic	B - Cricket Pitch	Length m	99	120	120	120
Economic	C - Tennis/Basketball and Parking	Length m		6	52	112
Economic	E - Road Reserve	Length m	10	18	18	18



Wellbeing	Asset	Unit	1% AEP	1% AEP + 0.5m SLR	1% AEP + 1m SLR	1% AEP + 2m SLR
Economic	F - Beach Front Reserve	Length m	21	73	75	78
Economic	G - Boat Yard	Length m	7	7	7	7
Economic	H - Maritime Terrace Abutment	Length m	14	17	19	21
Economic	I - Foreshore	Length m	4	5	7	10
<b>Economic</b>	<b>Stormwater Channel (Total)</b>	<b>Length m</b>	<b>91</b>	<b>91</b>	<b>91</b>	<b>91</b>
Economic	A - Le Roys Bush and Environs	Length m	45	45	45	45
Economic	B - Cricket Pitch	Length m				
Economic	C - Tennis/Basketball and Parking	Length m				
Economic	E - Road Reserve	Length m				
Economic	F - Beach Front Reserve	Length m				
Economic	G - Boat Yard	Length m				
Economic	H - Maritime Terrace Abutment	Length m	6	6	6	6
Economic	I - Foreshore	Length m	40	40	40	40

Table 15: Coastal inundation exposure as a percentage of the asset class

Asset	Wellbeing	Unit	100yr ARI	100yr ARI + 0.5m SLR	100yr ARI + 1m SLR	100yr ARI + 2m SLR
<b>Total point assets</b>		<b>Count</b>	<b>38%</b>	<b>61%</b>	<b>64%</b>	<b>78%</b>
BBQ	Social	Count	0%	100%	100%	100%
Gate	Social	Count	67%	100%	100%	100%
Playground Equipment	Social	Count	0%	0%	0%	50%
Pole	Social	Count	60%	80%	93%	93%
Rubbish Bin	Social	Count	43%	71%	71%	93%
Seat	Social	Count	36%	55%	55%	77%
Sports Equipment	Social	Count	0%	0%	0%	100%
Table	Social	Count	0%	100%	100%	100%
Kauri Dieback Station	Environmental	Count	11%	11%	11%	11%
Plaque	Cultural	Count	50%	100%	100%	100%
Monument	Cultural	Count	0%	0%	0%	100%
INDUSTRIAL   WHARF SITE	Cultural	Count	100%	100%	100%	100%
<b>MASTER_ParkBuilding_inundated.shp (Total)</b>		<b>Area m2</b>	<b>0%</b>	<b>0%</b>	<b>15%</b>	<b>45%</b>
Hall Street Beach Public Toilets	Social	Area m2	0%	0%	0%	80%
Toilet (Little Shoal Bay Reserve)	Social	Area m2	0%	0%	100%	100%
Toilet(Little Shoal Bay Resve Scout Den)	Social	Area m2	0%	1%	30%	92%
		<b>Area m2</b>				
<b>MASTER_ParkGardenTurfExtent_ecological_inundated.shp (Total)</b>			<b>7%</b>	<b>12%</b>	<b>16%</b>	<b>19%</b>
BUSH-Throughout Reserve	Environmental	Area m2	0%	0%	0%	1%
BUSH-Throughout the reserve	Environmental	Area m2	6%	12%	19%	25%
GRAS-	Social	Area m2	34%	58%	70%	80%
RVEG-Behind tennis crt & W of sportfield	Environmental	Area m2	34%	34%	34%	38%
RVEG-Opposite bowling club	Environmental	Area m2	77%	100%	100%	100%
SHRB-Around tennis crts & c/prks	Environmental	Area m2	7%	11%	28%	74%
SHRB-Beside a/w to playground	Environmental	Area m2	13%	87%	100%	100%
SHRB-Maritime Tc road swale planting	Environmental	Area m2	67%	91%	97%	100%
WILD-Throughout the reserve	Environmental	Area m2	6%	11%	17%	26%
<b>MASTER_ParkSportExtent_inundated.shp (Total)</b>		<b>Area m2</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>100%</b>
COUH-Bball-beside tennis crt (15x15)	Social	Area m2	0%	0%	0%	92%
COUH-Tennis-E of playing fields	Social	Area m2	0%	0%	0%	100%
PETA-Beside tennis court	Social	Area m2	0%	0%	0%	100%
Summer - Astro - Cricket Wicket 1A	Social	Area m2	99%	100%	100%	100%
Winter - Soil - 1 - General Sport	Social	Area m2	99%	100%	100%	100%
Winter - Soil - Surrounds - General 1	Social	Area m2	100%	100%	100%	100%

<b>MASTER_ParkStructureHardSurface_access_inundation.shp (Tot</b>		<b>Area m2</b>	<b>19%</b>	<b>28%</b>	<b>34%</b>	<b>42%</b>
BOAR-2nd W of cricket field	Social	Area m2	0%	0%	0%	100%
BOAR-3rd W of cricket field	Social	Area m2	45%	97%	100%	100%
BOAR-4th E of junction	Social	Area m2	109%	100%	100%	100%
Boardwalks	Social	Area m2	8%	59%	83%	95%
Footpath/Tracks	Social	Area m2	0%	0%	0%	94%
PADS-For BBQ area by beach	Social	Area m2	62%	100%	100%	100%
PATH-Bridge towards Valley Rd	Social	Area m2	0%	0%	0%	100%
PATH-Concrete rest area above seawall	Social	Area m2	0%	0%	0%	100%
PATH-Dudding to Wilding Ave	Social	Area m2	0%	100%	100%	100%
PATH-Fairfax Av to junction	Social	Area m2	0%	0%	0%	4%
PATH-From 24 Glade Place	Social	Area m2	0%	0%	0%	19%
PATH-From C/prk to Clarence St a/w	Social	Area m2	0%	50%	69%	84%
PATH-from S bridge into Maritime Tce	Social	Area m2	0%	79%	100%	100%
PATH-Junctn to junction	Social	Area m2	31%	42%	56%	89%
PATH-Maritime Tce N side	Social	Area m2	71%	87%	98%	100%
PATH-Maritime Tce N side to BOAR	Social	Area m2	100%	100%	100%	100%
PATH-N side cricket field	Social	Area m2	91%	100%	100%	100%
PATH-Private	Social	Area m2	2%	4%	5%	24%
PATH-S side Council Tce	Social	Area m2	0%	32%	70%	100%
PATH-S side Maritime Tce	Social	Area m2	84%	100%	100%	100%
PATH-Seaview to cricket field	Social	Area m2	21%	30%	33%	36%
PATH-To toilet by tennis crts	Social	Area m2	0%	15%	100%	100%
PATH-to toilets	Social	Area m2	0%	1%	2%	15%
PATH-toilets to beach	Social	Area m2	52%	71%	92%	100%
<b>MASTER_ParkStructureHardSurface_Bridge_inundation.shp (Tot</b>		<b>Area m2</b>	<b>43%</b>	<b>66%</b>	<b>66%</b>	<b>66%</b>
BRDP-40m S of 24 Wilding Ave	Social	Area m2	11%	100%	100%	100%
BRDP-N side cricket field	Social	Area m2	100%	100%	100%	100%
BRDV-NE side cricket field	Social	Area m2	100%	100%	100%	100%
Pedestrian Bridge	Social	Area m2	86%	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_multiple_inundated.shp (Tot</b>		<b>Area m2</b>	<b>67%</b>	<b>89%</b>	<b>91%</b>	<b>95%</b>
BASEC-Boat yard & slipway	Social	Area m2	96%	100%	100%	100%
BASEV-From c/prk to playground	Social	Area m2	0%	86%	100%	100%
CSUR-Beside Tennis & Basketball crts	Social	Area m2	0%	0%	0%	100%
CSUR-Between tennis crt & bowls club	Social	Area m2	52%	98%	100%	100%
CSUR-by bridge to track	Social	Area m2	100%	100%	100%	100%
CSUR-Nearest playground	Social	Area m2	41%	100%	100%	100%
CSUR-Sth side of Maritime Terrace	Social	Area m2	40%	100%	100%	100%
SURF-Cushionfall	Social	Area m2	0%	0%	1%	35%
VSUR-Council Terr to p/grnd c/prk	Social	Area m2	0%	100%	100%	100%
VSUR-To Bowls club c/prks	Social	Area m2	52%	68%	91%	100%
<b>MASTER_ParkStructureHardSurface_ramp_inundation.shp (Tota</b>		<b>Area m2</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>
BOAT-Dinghy Ramp PRIVATE	Social	Area m2	52%	52%	52%	52%
BOAT-SE cnr reserve by slipway	Social	Area m2	100%	100%	100%	100%

<b>MASTER_ParkStructureHardSurface_steps_inundation.shp (Total)</b>		<b>Area m2</b>	<b>1%</b>	<b>2%</b>	<b>3%</b>	<b>5%</b>
BOXS-From path down to toilets	Social	Area m2	0%	0%	0%	7%
BOXS-From path to beach path	Social	Area m2	7%	28%	31%	45%
STEP-6th down frm Seaview	Social	Area m2	0%	0%	20%	100%
STEP-Between 2 boardwks	Social	Area m2	0%	0%	0%	3%
STEP-Concrete steps beside toilets	Social	Area m2	0%	0%	54%	100%
STEP-Concrete steps down to beach	Social	Area m2	0%	4%	6%	15%
STEP-Entry at 24 Wilding Ave	Social	Area m2	0%	1%	7%	15%
STEP-Private-102A Queen St	Social	Area m2	84%	93%	93%	100%
STEP-Private-57 Maritime Terrace	Social	Area m2	0%	0%	0%	35%
<b>GasworksCappedArea_inundated (Total)</b>		<b>Area m2</b>	<b>0%</b>	<b>14%</b>	<b>57%</b>	<b>100%</b>
<b>ManagementZones_inundated (Total)</b>		<b>Area m2</b>	<b>48%</b>	<b>57%</b>	<b>66%</b>	<b>88%</b>
A - Le Roys Bush and Environs	Environmental	Area m2	55%	62%	64%	67%
B - Cricket Pitch	Social	Area m2	98%	100%	100%	100%
C - Tennis/Basketball and Parking	Social	Area m2	13%	32%	53%	81%
D - Maritime Terrace Abutment	Social	Area m2	24%	36%	43%	56%
E - Road Reserve	Economic	Area m2	42%	59%	66%	76%
F - Beach Front Reserve	Social	Area m2	20%	55%	65%	76%
G - Boat Yard	Social	Area m2	94%	98%	98%	98%
H - Maritime Terrace Abutment	Social	Area m2	22%	41%	54%	72%
I - Foreshore	Social	Area m2	1%	1%	1%	1%
<b>Wastewater pipe (Total)</b>	<b>Economic</b>	<b>Length m</b>	<b>35%</b>	<b>56%</b>	<b>65%</b>	<b>74%</b>
A - Le Roys Bush and Environs	Economic	Length m	42%	61%	68%	73%
B - Cricket Pitch	Economic	Length m	100%	100%	100%	100%
C - Tennis/Basketball and Parking	Economic	Length m	9%	32%	66%	87%
E - Road Reserve	Economic	Length m	0%	0%	0%	100%
F - Beach Front Reserve	Economic	Length m	0%	36%	47%	63%
<b>Stormwater Pipe (Total)</b>	<b>Economic</b>	<b>Length m</b>	<b>29%</b>	<b>44%</b>	<b>53%</b>	<b>65%</b>
A - Le Roys Bush and Environs	Economic	Length m	48%	50%	50%	50%
B - Cricket Pitch	Economic	Length m	82%	100%	100%	100%
C - Tennis/Basketball and Parking	Economic	Length m	0%	4%	34%	73%
E - Road Reserve	Economic	Length m	57%	100%	100%	100%
F - Beach Front Reserve	Economic	Length m	10%	36%	37%	38%
G - Boat Yard	Economic	Length m	100%	100%	100%	100%
H - Maritime Terrace Abutment	Economic	Length m	67%	79%	89%	100%
I - Foreshore	Economic	Length m	43%	46%	65%	100%
<b>Stormwater Channel (Total)</b>	<b>Economic</b>	<b>Length m</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
A - Le Roys Bush and Environs	Economic	Length m	100%	100%	100%	100%
H - Maritime Terrace Abutment	Economic	Length m	100%	100%	100%	100%
I - Foreshore	Economic	Length m	100%	100%	100%	100%
<b>Water Pipe (Total)</b>	<b>Economic</b>	<b>Length m</b>	<b>0%</b>	<b>32%</b>	<b>43%</b>	<b>60%</b>
F - Beach Front Reserve	Economic	Length m	0%	32%	43%	60%

Table 16: Asset exposure to coastal erosion

Asset	Wellbeing	Unit	2050	2080	2130
<b>Point asset (Total)</b>		<b>Count</b>	28%	31%	38%
BBQ	Social	Count	100%	100%	100%
Gate	Social	Count	33%	33%	33%
Pole	Social	Count	20%	20%	20%
Rubbish Bin	Social	Count	14%	14%	14%
Seat	Social	Count	23%	32%	36%
Table	Social	Count	0%	0%	50%
Boatshed/Boat Shed/Dinghy Locker	Social	Count	100%	100%	100%
Garden   Tree	Environmental	Count	100%	100%	100%
INDUSTRIAL   WHARF SITE	Cultural	Count	100%	100%	100%
PA (HEADLAND)   BURIAL	Cultural	Count	100%	100%	100%
PITS	Cultural	Count	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_access_erosion (Total)</b>		<b>Area m2</b>	5%	6%	7%
PADS-For BBQ area by beach	Social	Area m2	100%	100%	100%
PATH-Awanui St to beach steps	Social	Area m2	100%	100%	100%
PATH-Concrete rest area above seawall	Social	Area m2	100%	100%	100%
PATH-from S bridge into Maritime Tce	Social	Area m2	21%	28%	57%
PATH-lookout to Awanui St	Social	Area m2	99%	99%	99%
PATH-Private	Social	Area m2	100%	100%	100%
PATH-S side Maritime Tce	Social	Area m2	2%	3%	7%
PATH-to toilets	Social	Area m2	21%	29%	74%
PATH-toilets to beach	Social	Area m2	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_Bridge_erosion (Total)</b>		<b>Area m2</b>	15%	15%	15%
Pedestrian Bridge	Social	Area m2	99%	99%	99%
<b>MASTER_ParkStructureHardSurface_multiple_erosion (Total)</b>		<b>Area m2</b>	22%	23%	33%
BASEC-Boat yard & slipway	Economic	Area m2	31%	33%	45%
CSUR-Nearest playground	Social	Area m2	16%	19%	36%
<b>MASTER_ParkStructureHardSurface_ramp_erosion (Total)</b>		<b>Area m2</b>	100%	100%	100%
BOAT-Dinghy Ramp PRIVATE	Social	Area m2	100%	100%	100%
BOAT-SE cnr reserve by slipway	Social	Area m2	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_steps_erosion (Total)</b>		<b>Area m2</b>	10%	11%	12%
BOXS-From path down to toilets	Social	Area m2	36%	47%	100%
BOXS-From path to beach path	Social	Area m2	78%	100%	100%
STAI-Next to steps leading to lookout	Social	Area m2	100%	100%	100%
STEP-Above stairs leading to lookout	Social	Area m2	100%	100%	100%
STEP-Concrete steps beside toilets	Social	Area m2	100%	100%	100%
STEP-Concrete steps down to beach	Social	Area m2	100%	100%	100%
STEP-Private-102A Queen St	Social	Area m2	100%	100%	100%
STEP-Private-57 Maritime Terrace	Social	Area m2	100%	100%	100%



<b>ManagementZones_erosion (Total)</b>		<b>Area m2</b>	3%	3%	4%
E - Road Reserve	Economic	Area m2	0%	0%	2%
F - Beach Front Reserve	Social	Area m2	12%	13%	17%
G - Boat Yard	Social	Area m2	23%	25%	35%
H - Maritime Terrace Abutment	Social	Area m2	50%	54%	68%
I - Foreshore	Social	Area m2	1%	1%	1%
<b>Wastewater pipe</b>		<b>Length m</b>	0%	0%	0%
A - Le Roys Bush and Environs	Economic	Length m	0%	0%	0%
B - Cricket Pitch	Economic	Length m	0%	0%	0%
C - Tennis/Basketball and Parking	Economic	Length m	0%	0%	0%
E - Road Reserve	Economic	Length m	0%	0%	0%
F - Beach Front Reserve	Economic	Length m	0%	0%	0%
<b>Stormwater Pipe</b>		<b>Length m</b>	9%	10%	15%
A - Le Roys Bush and Environs	Economic	Length m	0%	0%	0%
B - Cricket Pitch	Economic	Length m	0%	0%	0%
C - Tennis/Basketball and Parking	Economic	Length m	0%	0%	0%
E - Road Reserve	Economic	Length m	0%	1%	28%
F - Beach Front Reserve	Economic	Length m	16%	17%	22%
G - Boat Yard	Economic	Length m	0%	20%	94%
H - Maritime Terrace Abutment	Economic	Length m	61%	87%	98%
I - Foreshore	Economic	Length m	71%	71%	71%
<b>Stormwater Channel</b>		<b>Length m</b>	0%	7%	7%
H - Maritime Terrace Abutment	Economic	Length m	0%	100%	100%

Table 17: Erosion exposure as a percentage of total asset class

Asset	Wellbeing	Unit	2050	2080	2130
<b>Point asset (Total)</b>		<b>Count</b>	<b>28%</b>	<b>31%</b>	<b>38%</b>
BBQ	Social	Count	100%	100%	100%
Gate	Social	Count	33%	33%	33%
Pole	Social	Count	20%	20%	20%
Rubbish Bin	Social	Count	14%	14%	14%
Seat	Social	Count	23%	32%	36%
Table	Social	Count	0%	0%	50%
Boatshed/Boat Shed/Dinghy Locker	Social	Count	100%	100%	100%
Garden   Tree	Environmental	Count	100%	100%	100%
INDUSTRIAL   WHARF SITE	Cultural	Count	100%	100%	100%
PA (HEADLAND)   BURIAL	Cultural	Count	100%	100%	100%
PITS	Cultural	Count	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_access_erosion (Total)</b>		<b>Area m2</b>	<b>5%</b>	<b>6%</b>	<b>7%</b>
PADS-For BBQ area by beach	Social	Area m2	100%	100%	100%
PATH-Awanui St to beach steps	Social	Area m2	101%	101%	101%
PATH-Concrete rest area above seawall	Social	Area m2	102%	102%	102%
PATH-from S bridge into Maritime Tce	Social	Area m2	21%	28%	57%
PATH-lookout to Awanui St	Social	Area m2	99%	99%	99%
PATH-Private	Social	Area m2	100%	100%	100%
PATH-S side Maritime Tce	Social	Area m2	2%	3%	7%
PATH-to toilets	Social	Area m2	21%	29%	74%
PATH-toilets to beach	Social	Area m2	102%	102%	102%
<b>MASTER_ParkStructureHardSurface_Bridge_erosion (Total)</b>		<b>Area m2</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>
Pedestrian Bridge	Social	Area m2	99%	99%	99%
<b>MASTER_ParkStructureHardSurface_multiple_erosion (Total)</b>		<b>Area m2</b>	<b>22%</b>	<b>23%</b>	<b>33%</b>
BASEC-Boat yard & slipway	Economic	Area m2	31%	33%	45%
CSUR-Nearest playground	Social	Area m2	16%	19%	36%

Asset	Wellbeing	Unit	2050	2080	2130
<b>MASTER_ParkStructureHardSurface_ramp_erosion (Total)</b>		<b>Area m2</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
BOAT-Dinghy Ramp PRIVATE	Social	Area m2	100%	100%	100%
BOAT-SE cnr reserve by slipway	Social	Area m2	100%	100%	100%
<b>MASTER_ParkStructureHardSurface_steps_erosion (Total)</b>		<b>Area m2</b>	<b>10%</b>	<b>11%</b>	<b>12%</b>
BOXS-From path down to toilets	Social	Area m2	36%	47%	100%
BOXS-From path to beach path	Social	Area m2	78%	100%	100%
STAI-Next to steps leading to lookout	Social	Area m2	100%	100%	100%
STEP-Above stairs leading to lookout	Social	Area m2	100%	100%	100%
STEP-Concrete steps beside toilets	Social	Area m2	100%	100%	100%
STEP-Concrete steps down to beach	Social	Area m2	100%	100%	100%
STEP-Private-102A Queen St	Social	Area m2	100%	100%	100%
STEP-Private-57 Maritime Terrace	Social	Area m2	100%	100%	100%
<b>ManagementZones_erosion (Total)</b>		<b>Area m2</b>	<b>3%</b>	<b>3%</b>	<b>4%</b>
E - Road Reserve	Economic	Area m2	0%	0%	2%
F - Beach Front Reserve	Social	Area m2	12%	13%	17%
G - Boat Yard	Social	Area m2	23%	25%	35%
H - Maritime Terrace Abutment	Social	Area m2	50%	54%	68%
<b>Stormwater Pipe (Total)</b>		<b>Length m</b>	<b>9%</b>	<b>10%</b>	<b>15%</b>
A - Le Roys Bush and Environs	Economic	Length m	0%	0%	0%
B - Cricket Pitch	Economic	Length m	0%	0%	0%
C - Tennis/Basketball and Parking	Economic	Length m	0%	0%	0%
E - Road Reserve	Economic	Length m	0%	1%	28%
F - Beach Front Reserve	Economic	Length m	16%	17%	22%
G - Boat Yard	Economic	Length m	0%	20%	94%
H - Maritime Terrace Abutment	Economic	Length m	61%	87%	98%
I - Foreshore	Economic	Length m	71%	71%	71%
<b>Stormwater Channel (Total)</b>		<b>Length m</b>	<b>0%</b>	<b>7%</b>	<b>7%</b>
H - Maritime Terrace Abutment	Economic	Length m	0%	100%	100%



## **Appendix C: Community engagement outcomes**



AUCKLAND COUNCIL

### **COMMUNITY ENGAGEMENT OUTCOMES**

Wai Manawa | Little Shoal Bay Mini  
Shore Line Adaptation Plan

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## REPORT INFORMATION

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<b>Report Status</b>	Final
<b>Our Reference</b>	Community Engagement
<b>File Location</b>	Auckland
<b>Author</b>	Nicki Williams
<b>Review By</b>	Richard Matthews

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## 1. INTRODUCTION

This document outlines the community engagement outcomes of the Wai Manawa | Little Shoal Bay Mini Shoreline Adaptation Plan (Mini SAP). The report provides an overview of the range of public events including the online survey, webinar and the more focused engagement of the community workshop sessions. Engagement began with the opening of the Ak Have Your Say page in January 2022 and an introductory webinar, which was recorded, introduced the Mini SAP process and key concepts of climate change, coastal hazards and adaptation planning. Further engagement was through the community workshops which were two workshops presented in a series of online events.

In conjunction with the community workshops a public survey was available through the AK Have Your Say page. More than 400 responses to the survey were received with written comments, photographs and suggested development and mitigation options within the reserve areas. The survey results helped to identify the key community values for the reserve and highlighted the priority “areas of interest” as set out in Figure 1 below.

The community workshop sessions enabled a more focused discussion of SAP community objectives, strategies and adaptation options for the reserve. It included a range of participants from a variety of backgrounds with the majority of participants residents of the nearby area. In total there were 38 participants in Workshop 1 and 50 participants in Workshop 2.

The Mini SAP is designed in the spirit of partnership with mana whenua and Auckland Council is engaging with local iwi.

The guiding principles from mana whenua include:

- Responsive to iwi management plan;
- Accept reversal of infrastructure to rectify hazard issues;
- Naturalise, let nature take its course;
- Look at emissions as well (if any);
- Whenua concepts are written up and understood by all in plans;
- Protect koiora (biodiversity) and traditional mahinga kai (fish stocks, kaimoana); and
- Protect heritage where possible.

The outcome of the engagement with mana whenua will be separately summarised and included in the Mini SAP.

## 2. OVERVIEW OF THE APPROACH

The dedicated AK Have Your Say page was established providing an overview of the project and an opportunity for the public to register to complete an online survey and provide feedback to the project team regarding their priorities and concerns for the reserve. There was also the opportunity to register to participate in the series of community workshops. The page also provided further information linking to Council's Natural Hazard and Coastal Erosion viewer and the Kaipātiki Local Board Plan.

The online survey enabled participants to write comments and answer the survey questions and upload further information.

The purpose of the Workshop 1 sessions was to understand local knowledge and through discussion for the participants to identify and agree key community values, objectives and outcomes.

The purpose of the Workshop 2 sessions was to confirm the community objectives and outcomes and consider and discuss adaptation strategies for the reserve considering the four adaptation strategies:

- No Active Intervention (NAI) – Under this approach, natural processes are allowed to continue. This includes no investment in the provision or maintenance of any defences. This strategy is automatically selected for areas of the coastline that are not owned by Auckland Council;
- Limited Intervention (LI) – Under this approach, limited works are undertaken to extend the existing asset life or to ensure assets remain safe, including localised retreat of individual assets. This approach acknowledges that the coastline's position will not be fixed into the future and may include small-scale nature-based measures (like dune planting) to support the coastline's resilience;
- Hold the Line (HTL) – Under this approach, the coastal edge is fixed at a certain location, using nature-based options (like beach nourishment) or hard structures (like sea walls). Nature-based options are the preferred method where possible; and
- Managed Retreat (MR) – Under this approach, assets and activities are moved away from hazard-prone areas in a controlled way over time. Managed retreat allows greater space for natural buffers and reduces asset exposure to natural hazards.

### 3. ONLINE SURVEY

#### 3.1 SURVEY RESULTS

The online survey enabled a larger number of residents and members of the community to provide their feedback in terms of their values, issues and concerns for Wai Manawa | Little Shoal Bay.

Council received 405 survey responses either through the AK Have Your Say Page or via e-mail. Nineteen non-survey submissions were also received (refer **Appendix 1**).

Following the close of the online submission period, the community comments were collated and assessed. This included all the responses submitted in the online surveys (405 in total) and submissions received (19 in total). The responses have been sorted and grouped into overarching categories based on the key objectives developed in the community workshops sessions and broken down to capture specific targeted words relating to the key objectives to enable statistical analysis of the data.

The following four major categories were used as the key categories:

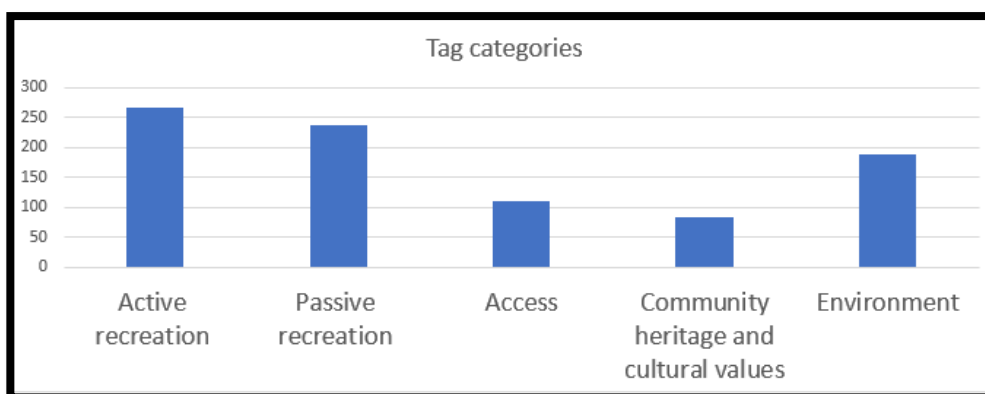
- **Active recreation** – how people actively utilise the coastal reserve areas and amenities including the sports field, tennis / basketball courts, walkways along with walking and dog walking and the coastal marine area including swimming and water recreation activities;
- **Passive recreation** – how people connect to, enjoy, and use the coast and reserve areas;
- **Environment** – identification of the different natural environments and the care, protection, and enhancement of the natural environment;
- **Access** – how the community accesses the reserve and moves within the reserve this includes both recreational water access and all forms of access within and through the reserve; and
- **Community heritage and cultural values** – the importance of the coast and reserve to community connections and recognition of community heritage and cultural values.

Sub-topics were identified within each high-level category to further capture and categorise the comments received (i.e., comments related to the importance of the view would be tagged as “Viewpoints” under the “Passive Recreation” category). **Table 1** below sets out the five categories used with the subtopics within each category.

**Table 1: Tag Categories**

Tag Categories				
Active recreation	Passive recreation	Environment	Access	Community heritage and cultural values
Dog walking	Connection with nature	Wetland	Carpark	Community planting
Walking	Connection to the coast	Freshwater wetland	Road	Volunteering
Recreational	Sitting on beach or grass	Coastal wetland	Pedestrian	Mana whenua
Boat launching	Quiet area	Kaimoana	Safety	Heritage
Recreational	Viewpoints	Waste water	Walkways	Connectivity
Water access	BBQ or picnic	Stormwater	Boat ramp access	
Running	Boat yard – keep it	Stream		
Cycling	Boat yard – remove it	Biodiversity		
Swimming	Events	Water quality		
Tennis		Contamination		
Playground				
Kayaking				
Sports field				
Bowling				
Basketball				

Figure 1 below sets out the total number of responses against the five high-level tag categories.



**Figure 1: Survey results tagged in the 5 main categories, noting that comments were sometime tagged in multiple categories depending on content**

### 3.2 SURVEY ANALYSIS

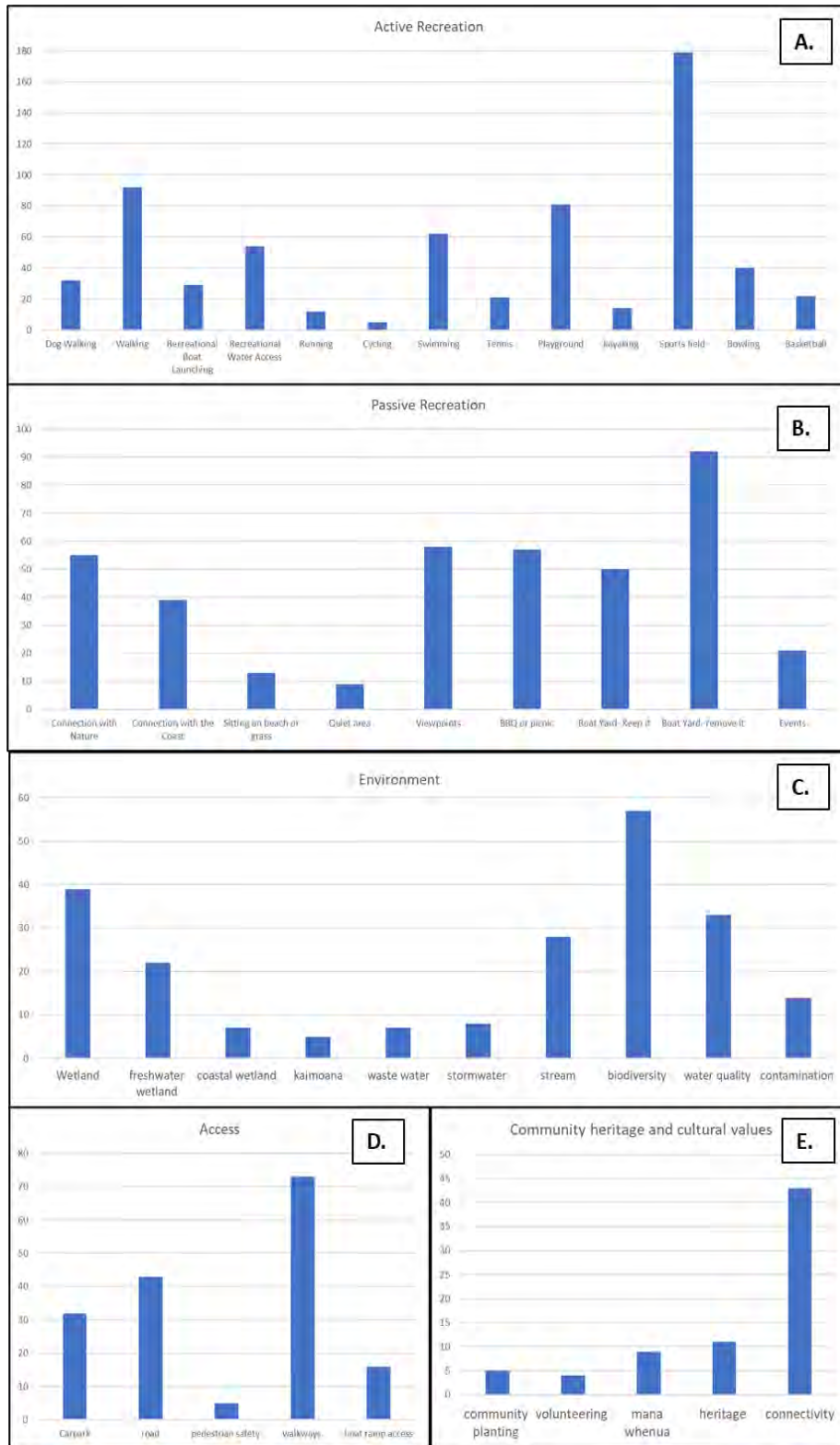
The tagging results were plotted to ascertain community values and compared with the high-level community objectives and outcomes developed through the more focused community workshops. The results of each category in **Figure 1** above show alignment between the wider community feedback and the focused community participation in terms of priorities.

The following table sets out the number of survey results tagged relating to each category and a brief summary of the results. Figure 2 below shows the combined survey results of the five categories and sub-topic tags.

**Table 2: Survey Results**

High level category	# of survey results tagged	Results of Sub-topic Tags
Active recreation	268	The active recreation values of the reserve areas were highly commented on by the local community. Topics of importance included the sports field and other sport related activities. The community also highlighted the importance of the reserve for walking and the availability of the playground for children.
Passive recreation	238	The passive recreation value of Wai Manawa /Little Shoal Bay was highly commented on. Topics of importance included the boat yard, the ability to picnic, the amenity reserve as a viewpoint and location for events, and its importance to the local community as a place to connect to nature.
Access	110	Subtopics within the access category related to the importance of walkways and boardwalks and ensuring that the road remain a functioning transport connection with adequate parking.
Community heritage and cultural values	83	Comments within this category focused mostly on enabling community connectivity to the reserve and the importance of Wai Manawa / Little Shoal Bay as a heritage location and site of mana whenua significance.
Environment	189	The environment was also a key focus. Topics of importance included biodiversity, the wetland areas, improving water quality, the stream and concern about contamination.





**Figure 2:** Plots of the sub topics of the four categories: A) Active Recreation, B) Passive Recreation, C) Environment, D) Access and E) Community Heritage and Cultural Values.

The boat yard was an area of considerable interest in the digital engagement with 182 participants commenting on it. Ninety-two indicated they supported its removal and 50 participants indicated they support it remaining.

A copy of the survey report is attached as **Appendix 1**.

## **4. COMMUNITY WORKSHOP OUTCOMES**

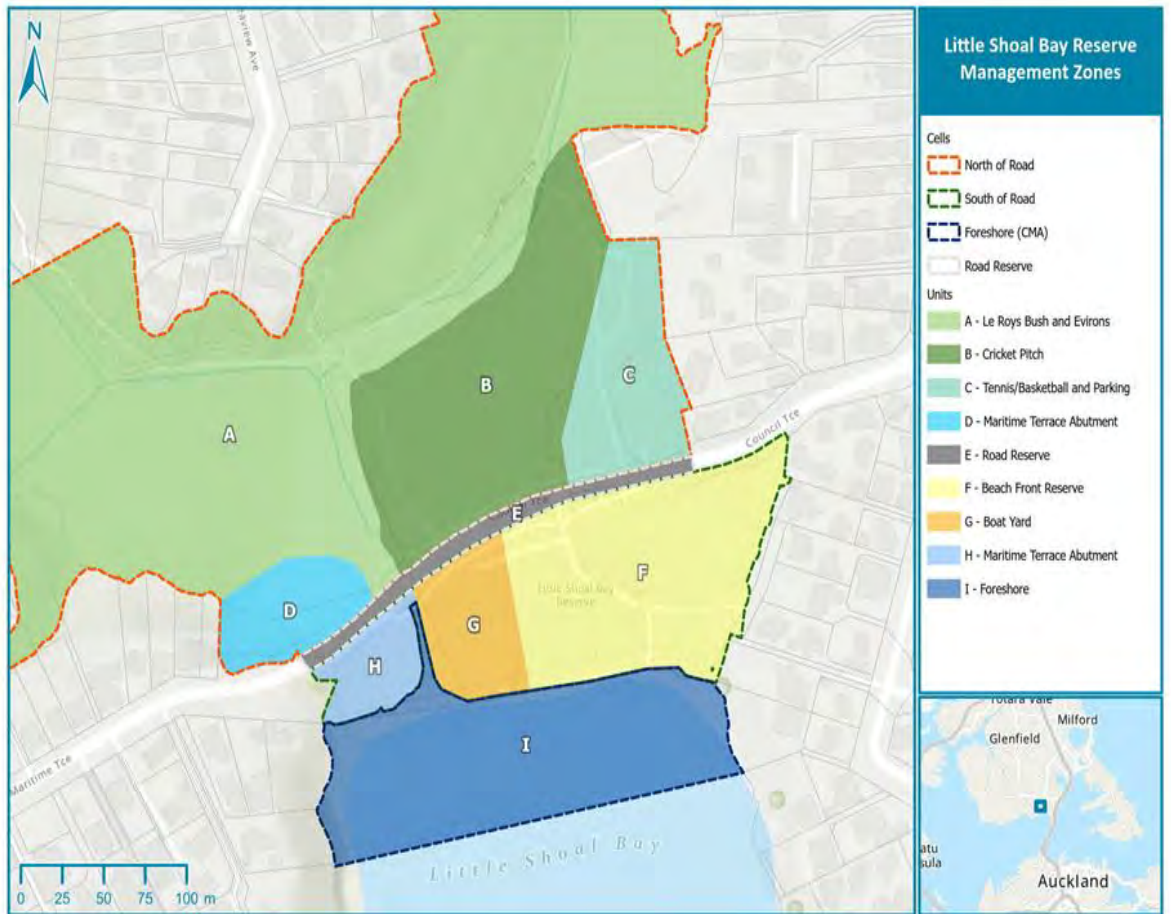
### **4.1 WORKSHOP 1**

There were 38 community members registered to attend the three Workshop 1 sessions held in February 2022. Workshop 1 enabled the participants to share their knowledge and consider the key values and community objectives for the different areas of the reserve to identify objectives and priorities.

Community objectives were proposed based on previous public consultation on the reserve and existing reserve documents and broken into 6 categories:

- Environment;
- Active Recreation;
- Passive Recreation;
- Access;
- Recreation Water Access; and
- Community Heritage and Cultural Values;

A number of management zones within the reserve were identified as shown in **Figure 3** below.



**Figure 3: Wai Manawa | Little Shoal Bay Reserve Management Zones**

The participants in each workshop session worked together to identify key objectives and priorities for the different areas of the reserve. This was developed using the mural online collaboration tool enabling a shared digital canvas enabling visual collaboration by the participants. This enabled the identification of high-level objectives across the reserve area. Set out below is the combined mural from the three workshop sessions.

# Wai Manawa - Little Shoal Bay Shoreline Adaptation Plan

## Workshop 1.3 Mural Development



The Mural incorporates the map identifying areas of the reserve and relevant overlays, the headline objectives, the guiding mana whenua principles and the range of suggested strategies and options and discussion points. The stickies on the map represent the headline objectives based on the feedback from the workshop participants. These will be considered when developing strategies for short, medium and long term in consideration of the guiding mana whenua principles, hazard scape and objectives and policies of the Auckland Unitary Plan.

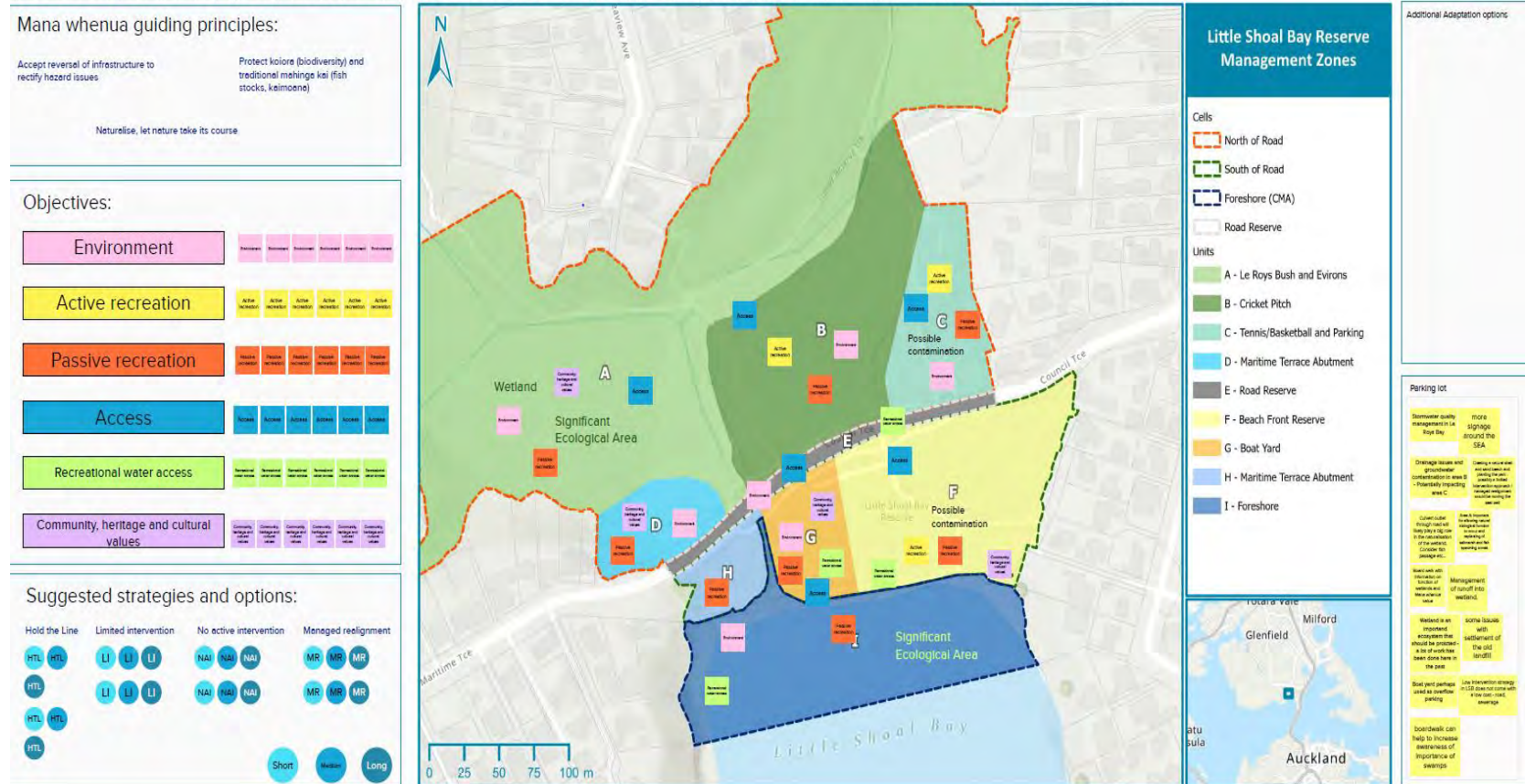


Figure 4: Combined Mural Development from Workshop 1





The outcome from the Workshop 1 sessions enabled development of key objectives and outcomes for each area of the reserve as set out in **Table 3** below

**Table 3: Key Objectives and Outcomes**

Unit	Primary Objective	Secondary Objective	Key Outcome
Le Roys Bush and environs	Environment	Passive Recreation Access Community heritage & cultural values	<ul style="list-style-type: none"> <li>➤ Enhance natural wetland functioning.</li> <li>➤ Reduce pollutants from catchment entering wetland.</li> <li>➤ Maintain functioning wastewater network.</li> <li>➤ Enhance network of boardwalks.</li> <li>➤ Raise awareness of sense of place for cultural heritage and environment</li> </ul>
Dudding Park / cricket pitch	Active recreation	Access Passive recreation Environment	<ul style="list-style-type: none"> <li>➤ Retain space for active recreation (sport).</li> <li>➤ Dog walking.</li> <li>➤ Informal active recreation.</li> <li>➤ Enhance wetland edges and functioning</li> </ul>
Tennis /Basketball and Parking	Active recreation	Access Passive recreation Environment	<ul style="list-style-type: none"> <li>➤ Retain basketball and tennis court.</li> <li>➤ Maintain access and connection to boardwalks, walkways and southern reserve area.</li> <li>➤ Improve access and parking.</li> </ul>
Abutment (north)	Passive recreation	Environment Community, heritage and cultural values	<ul style="list-style-type: none"> <li>➤ Raise awareness of sense of place for cultural heritage and environment.</li> <li>➤ Include in landscaping/planting area.</li> </ul>
Road Reserve	Access	Recreational water access	<ul style="list-style-type: none"> <li>➤ Maintain multi-modal route access along road reserve.</li> </ul>

Unit	Primary Objective	Secondary Objective	Key Outcome
		Environment	<ul style="list-style-type: none"> <li>➤ Ensure safe access across road to the adjacent reserve areas</li> </ul>
Beach front reserve	Passive recreation	Access Active recreation Recreational water access Community, heritage and cultural values	<ul style="list-style-type: none"> <li>➤ Maintain high quality reserve space.</li> <li>➤ Enhance access to the water.</li> </ul>
Boat Yard	Passive recreation	Recreational water access Environment Active recreation Community, heritage and cultural values	<ul style="list-style-type: none"> <li>➤ Resolve boat yard status</li> <li>➤ Enhance opportunities for active and passive recreation around the coast edge including swimming, kayaking, fishing and walking.</li> <li>➤ Improve and enhance environment.</li> </ul>
Abutment (south)	Passive recreation	Environment	<ul style="list-style-type: none"> <li>➤ Enhance opportunities for passive recreation experiences including outlooks and picnicking areas.</li> <li>➤ Improve and enhance environment.</li> </ul>
Foreshore CMA	Passive recreation	Environment	<ul style="list-style-type: none"> <li>➤ Enhance opportunities for passive recreation experiences including outlooks and picnicking areas.</li> <li>➤ Improve and enhance environment.</li> </ul>

## 4.2 WORKSHOP 2

Using the community objectives and priorities identified in the Workshop 1 the focus of Workshop 2 was to consider the range of adaption strategies for the reserve into the future and participants priorities.



Four Workshop 2 sessions were held in March, with 50 participants working together, taking into consideration the key objectives and outcomes for Little Shoal Bay. The groups discussed together possible strategies for the reserve with a range of views around adaptation options considered.

Overall the themes for the reserve included improving the water quality of the Coastal Marine Area, holding the line along the coastal edge with improved water access and enhancement of the beach front reserve, maintaining the active recreation areas of the reserve and some limited intervention within the natural freshwater wetland as indicated in the mural example below.

# Wai Manawa - Little Shoal Bay Shoreline Adaptation Plan

## Workshop 2.2 Mural Development

The Mural incorporates the map identifying areas of the reserve and relevant overlays, the headline objectives, the guiding mana whenua principles and the range of suggested strategies and options and discussion points. The text on the map represent the headline objectives based on the feedback from the workshop participants. These will be considered when developing strategies for short, medium and long term in consideration of the guiding mana whenua principles, hazard scape and objectives and policies of the Auckland Unitary Plan.

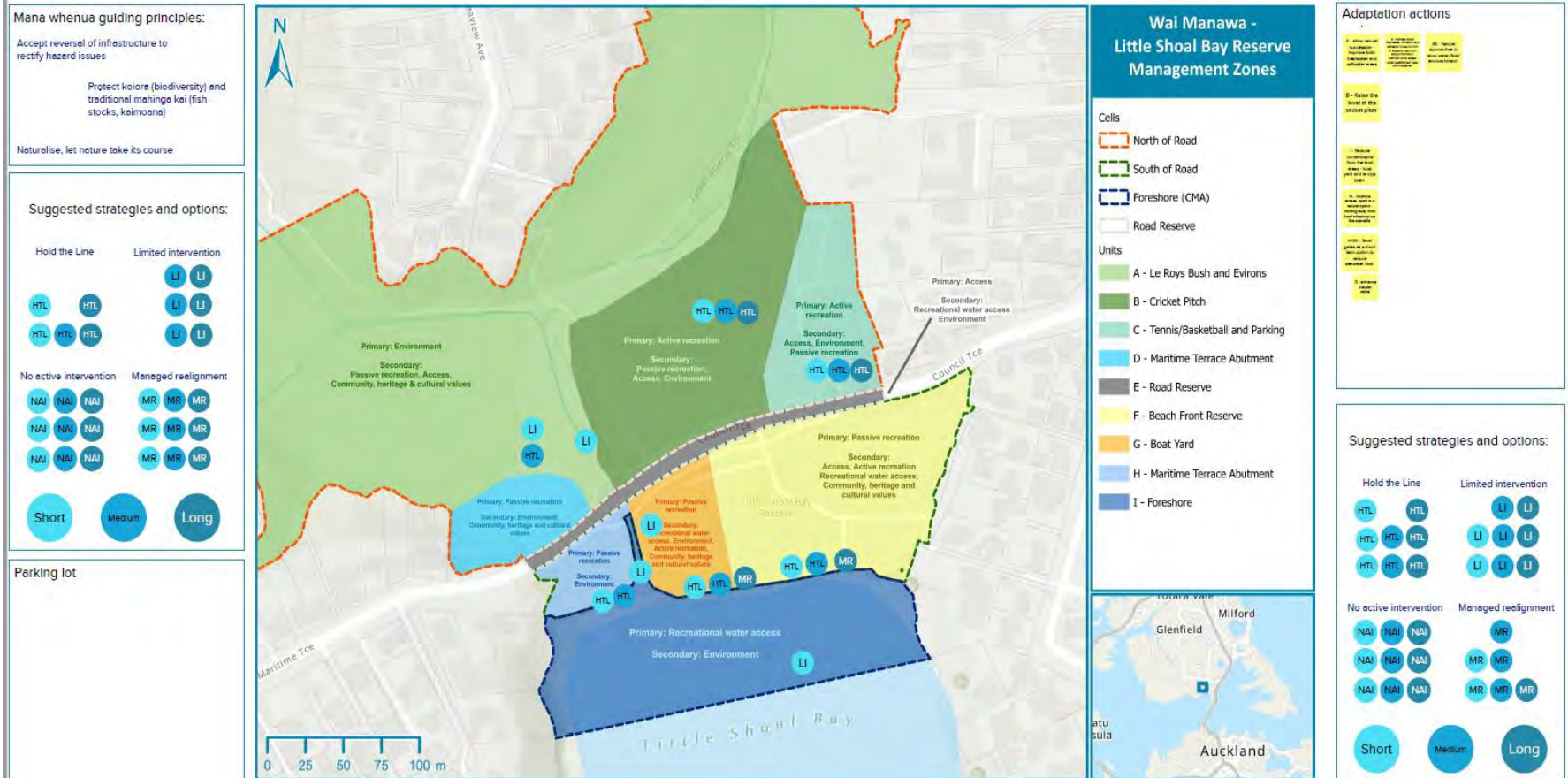


Figure 5: Example of the Workshop 2 High level strategies

The workshop series enabled a discussion with the community around the issues facing the reserve in terms of coastal inundation and climate change and an understanding of the range of high-level adaptation strategies that may be implemented over time. The workshops also enabled the community to identify the management of strategies they see as important for the future management of Wai Manawa \ Little Shoal Bay.

## **5. CONCLUSION**

The results of the online survey and the outcomes of the community workshops have enabled the development of community objectives that capture the priority values of the local community. The analysis of the survey results has helped to confirm the high-level strategies suggested through the community workshops showing general alignment with the more focused community participation. These high-level strategies will be further refined in line with the outcomes of mana whenua and Auckland Council asset owners and discussed with the Kaipātiki Local Board before being including in the Mini SAP.



## **APPENDIX 1**

A copy of the AK Have Your Say survey report (redacted to comply with privacy regulation).

# Shoreline Adaptation Plan: Wai Manawa/Little Shoal Bay

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## **SURVEY RESPONSE REPORT**

07 February 2020 - 17 March 2022

### **PROJECT NAME:**

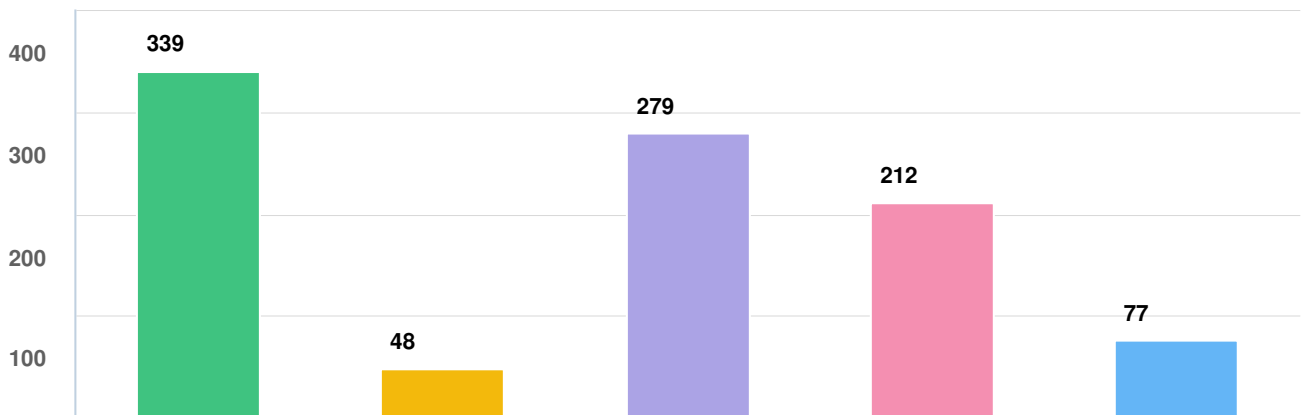
Shoreline Adaptation Plan: Wai Manawa/Little Shoal Bay



SURVEY QUESTIONS



**Q1 What is your connection to Wai Manawa / Little Shoal Bay?**

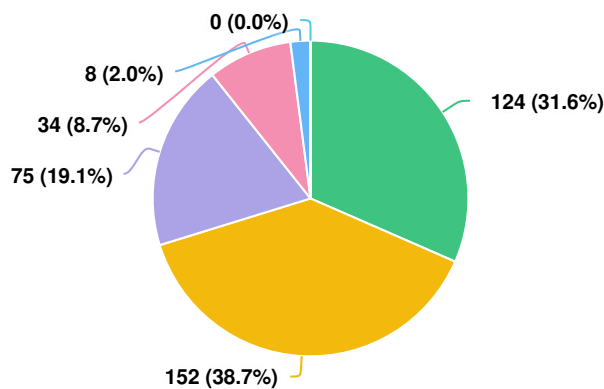


**Question options**

- I live nearby
- I use the boat ramp
- I use the reserve area
- I walk and/or walk my dog through the reserve or along the coast
- Other, please specify:

*Optional question (393 response(s), 2 skipped)*  
*Question type: Checkbox Question*

**Q2 How often do you visit Wai Manawa/Little Shoal Bay?**

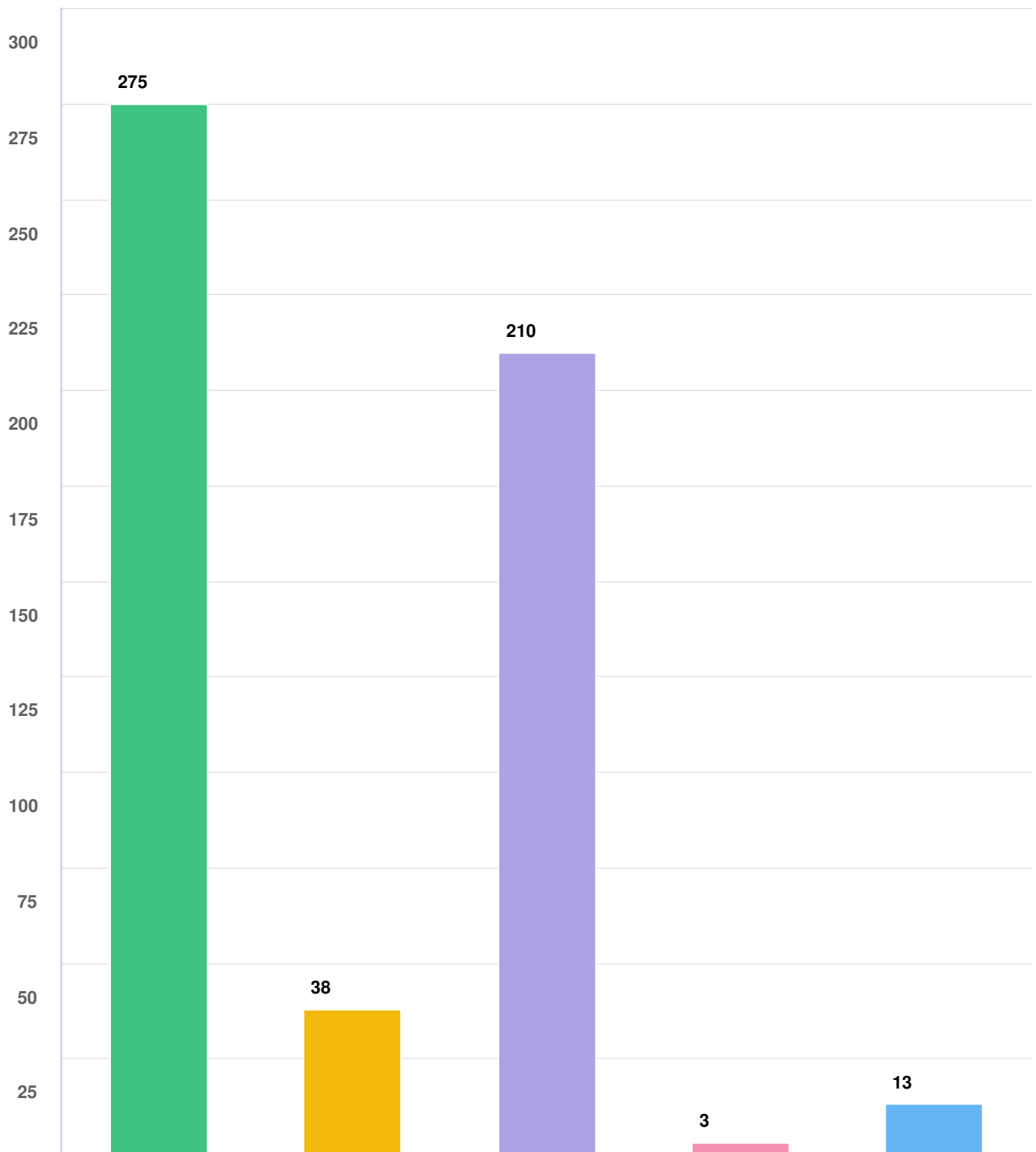


**Question options**

- Every day or most days
- Once or twice a week
- Once or twice a month
- Less than once a month
- Other, please specify:
- Never

*Optional question (393 response(s), 2 skipped)*  
*Question type: Radio Button Question*

**Q3** How do you usually get to there?

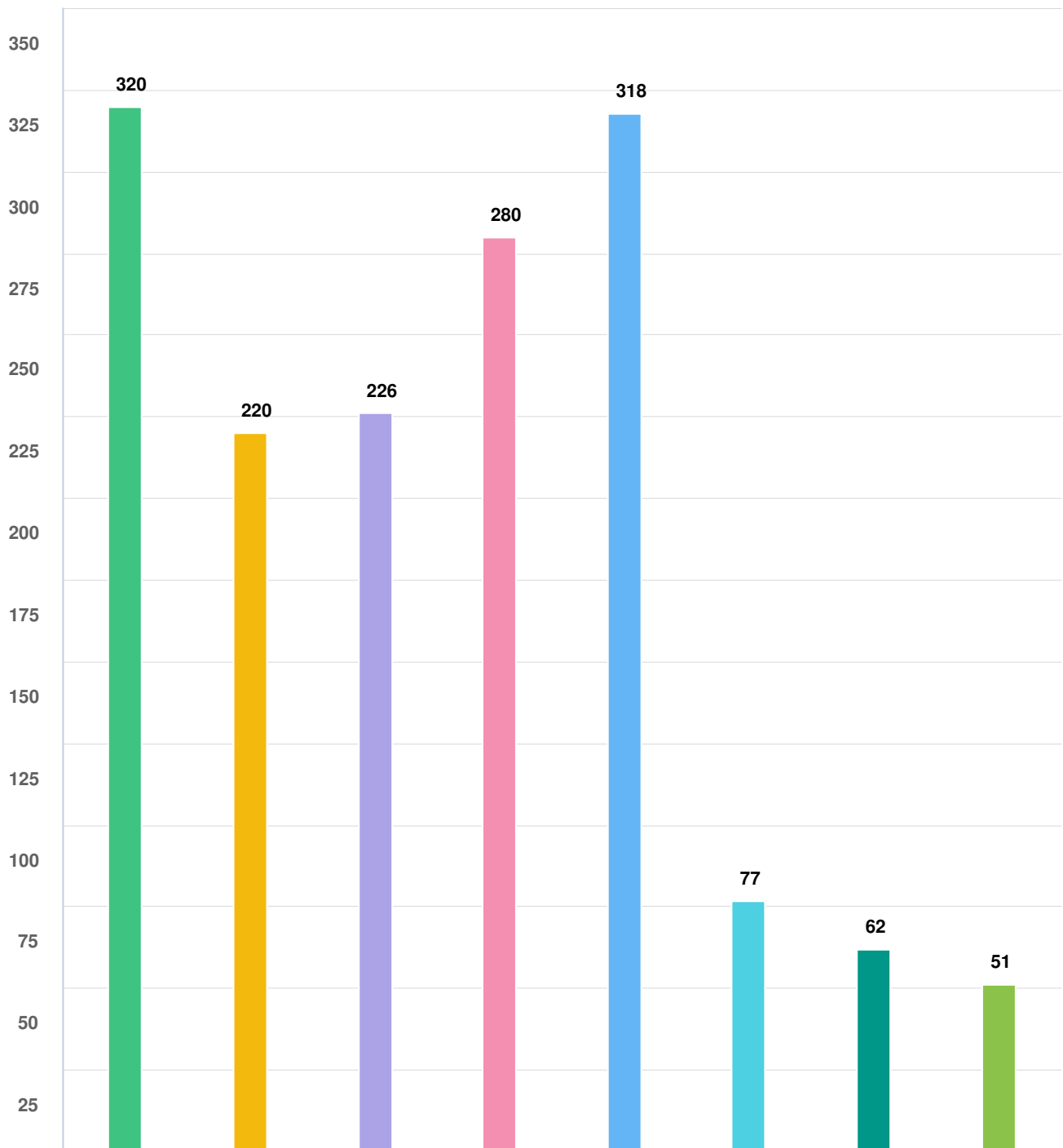


**Question options**

- Walk
- Cycle or scooter
- Car
- Bus
- Other, please specify:

Optional question (391 response(s), 4 skipped)  
Question type: Checkbox Question

**Q4 What activities and features of the reserve and coast do you most value?**



**Question options**

- Foreshore
- Active recreation
- Play
- Environment
- Walking
- Boat launching area
- Boat storage and maintenance
- Another feature, please specify:

*Optional question (391 response(s), 4 skipped)  
Question type: Checkbox Question*

**Q5 Tell us why you most value these features**

[REDACTED]

1/26/2022 10:39 AM

Sense of community, a meeting place. Green space for the kids to run around.

[REDACTED]

1/26/2022 05:33 PM

Children's play area is safe, and generally tidy with shade. The walkways are great, well maintained and have great flora and fauna. The foreshore is one of the few shared spaces to enjoy picnics etc with friends in Birkenhead. I'd love to be able to use the boat ramp also, but it's not suitable, even at high tide

[REDACTED]

1/27/2022 11:26 AM

It is three and offers a great place to walk and exercise with great views

[REDACTED]

1/27/2022 11:50 AM

Having been a sea scout in my childhood, the boat launching and maintenance area was my connection to moana. It is a place that connects land, beach and moana in central Auckland. These childhood experiences that were made available to me developed a passion, and is demonstrated by my family and I settling in the local area to continue this way of life.

[REDACTED]

1/27/2022 10:28 PM

Great location to meet at, to play some sport or sit for a picnic. Pretty rare to have such a large space, on the water with such great views

[REDACTED]

1/27/2022 10:41 PM

your survey doesnt allow me to appreciate all of the aspects of little shoal bay. 1 its local 2 its not auckland ( Northshore) 3 perfect access to the Waitemata harbour 4 historical use of the bay, from iwi, colonials, council, locals, community clubs, associations, business, 5 safe community 6 last and only park that represents and facilitates a multitude of sports and activities, bowls, cricket, sea scouts, tennis, petanque, sailing, boat maintenance, fishing, paddle boarding, kayaking, bush walking, basketball, not to mention the latset addition of fitness/ exercise park Little shoal Bay is amazing, and is always an easy place to congregate for a multitude of activities, individually and or collectively, seasonally or to celebrate local, regional or national holidays or celebration of significance like Guy Fawkes, or New Years eve as an example.

[REDACTED]

1/28/2022 04:47 AM

Connection to the water. Good walking options for dog.

[REDACTED]

1/28/2022 10:05 AM

The park walks across the road are amazing, you can forget you're in the middle of the city. The view across the harbour is also one of Aucklands most quintessential- evidenced by the fact that media often use the view from the park/ beach in shows/ news. We love the eels and the bird life and the fact that the park provides ample opportunity for recreational activities esp events, tennis, the playground and a paddle in the water.

[REDACTED]

1/29/2022 08:30 AM

The foreshore is a great place to relax and watch the world go by. From time to time I launch a dinghy at the ramp. I use the boatyard to haul my boat when necessary. I value the boatyard as it is the only haulout area in proximity to my mooring where I can self haul. There is a great community of boat owners using the yard while it is open, which has been in operation for over 50 years.

[REDACTED]

1/29/2022 08:51 PM

The scenery . The wide open grass area . The feeling of safety

[REDACTED]

1/30/2022 11:47 AM

We regularly go down to the picnic area to eat or meet friends. We regularly go walking through Le Roys Bush (from Northcote Pt end) We enjoy seeing the native bush and birds that flourish in the bush and waterways

[REDACTED]

2/01/2022 09:01 AM

Little shoal offers so many recreational possibilities: Cricket, Tennis Basketball, Scouting and a walking connection into Le Roy's bush.

[REDACTED]

2/01/2022 11:31 AM

As a family we picnic there. Its a great place to runs the kids! I have loved the developments that have occurred over the last 20 years and am glad the development is continuing. I also have used the boat haul out yard to clean and antifoul my boat which is the best way to protect our coastal environment from invasive marine pests. Regular boat cleaning also keeps the local boats in mooring zones from becoming eyesores. The haul out area is most definitely overdue for an upgrade and a proper concrete work area with ramp would be great.

[REDACTED]

2/01/2022 02:24 PM

My kids love the play ground, we all love the foreshore. The boat handstand is of huge importance to the local boating community, and is a critical asset to keep boating accessible and affordable to families like mine. Very few boaties can afford the RNZYS life style and expense. Little Shoal Bay has a long history of boat building and has been home to many world class sailors, this needs to be remembered

and honoured in its ongoing future as mooring area and hard stand. Given the recent sediment control efforts, I expect the outcome will be a concrete (or similar) seal with silt traps to control run off from this area.

[REDACTED]  
2/01/2022 04:28 PM

We value the experience of walking around the reserve with a view of the city. It is a high amenity area and precious park to maintain

[REDACTED]  
2/01/2022 05:55 PM

Need natural public spaces. Need wetlands.

[REDACTED]  
2/01/2022 09:18 PM

I love the forest and the opportunity to see wild animals, to have a little waterfall, and enjoy the landscape and a fresh spot full of ferns just behind my house.

[REDACTED]  
2/02/2022 08:22 AM

It is the most amazing place in the middle of the city - beach and bush.

[REDACTED]  
2/02/2022 09:48 AM

I swim regularly and value the natural environment. I have always lived in the area (63 years) and I have a very very strong connection with it.

[REDACTED]  
2/02/2022 08:47 PM

Important to have a central boat maintenance and launching site. Open fields are important. You don't need to throw a house up on every square inch of land not occupied.

[REDACTED]  
2/02/2022 09:51 PM

These areas are essential to keep boating available to normal Aucklanders. The costs are skyrocketing to keep and maintain a boat in this city and these areas are keeping it alive for the little guys.

[REDACTED]  
2/02/2022 11:33 PM

This is an amazing open space near where we live offering connection to the ocean and bush walks. We love it.

[REDACTED]  
2/02/2022 11:34 PM

Although I am not a user of the boat maintenance facilities I feel that wai manawa would lose a major assett so the yard be removed. The yard carries historical value and is a defining characteristic of the bay itself. From what I gather the land behind the yard has been used as a dump for roading materials and the field comprises of building fill etc. Any concerns about high levels of toxic runoff from the maintenance yard seems to pale in comparison to what must leech



from the land itself in king tides. Also this might be a welcome opportunity to upgrade the small yard with a concrete pad and to include catchment channels to prevent particles being carries out in big tides. With forecasted sea level rise I feel that the boat haulout facility is possibly the best use of the land anyway. The haul out yard also provides a low cost option for those families wanting to access boating and maintenance opportunitites. By reducing options for these families we will be shutting them out, reducing equity, and making boating something only manageable by the uber rich.

██████████  
2/03/2022 06:05 AM

Because there are very few reasonably priced long term haulout areas for boaters in Auckland and they are being eroded over time.

██████████  
2/03/2022 07:12 AM

Boating facilities like these ones actually create a small community of their own, the relationships and fellowship in these small groups is as strong as any other community group / club. These facilities enable the average wage earner to participate in boating which is otherwise becoming out of reach for many people.

██████████  
2/03/2022 09:24 AM

Environment conducive with continuity of community/ traditional maritime activities

██████████  
2/03/2022 09:47 AM

The area is very important to the boating community as a place to launch and undertake or have maintenance undertaken on vessels. Auckland Council has severely lessened the number of berths and morning available for the sea faring members of the city of sails, and a further lose of facilities is untenable.

██████████  
2/03/2022 09:49 AM

The boat maintenance handstand is of huge importance to the local boating community, and is a critical asset to keep boating accessible and affordable to families. It should be upgraded, not removed as once gone, it will never come back. Little Shoal Bay has a long history of boat building (Jim Young being one of note) and has been home to many world class sailors, this needs to be remembered and honoured in its ongoing future. There are very few boat maintenance areas in Auckland, and this one provides passive and active recreation for those who use it.

██████████  
2/03/2022 11:01 AM

Access to the water is vital for many and this is slowly being taken away by housing or development such as what is happening with marinas around Auckland. Boating is an activity which is getting harder for the average person to access the water and places to

maintain their boats

[REDACTED]  
2/03/2022 11:04 AM

Boat storage & maintenance is essential for people with smallish boats The environment and walking tracks are pleasant to use and enjoy

[REDACTED]  
2/03/2022 11:45 AM

While Auckland is increasingly filled with big-budget recreational boating and facilities, there remains a lower-tier of boaties who need affordable, accessible facilities to survive. We exist as a community just as dog walkers and young families going to parks do, yet increasingly our facilities are being removed or unmaintained at the expense of another community. I own a heritage vessel (Pacific, classic launch/workboat used for carrying produce to market and serving the farm at Tiritiri Matangi) which has been in my family for 105 years, and am able to keep her well maintained purely by the provision of community- based haulage and hardstand facilities. I cannot afford marina haulout rates, or for that matter marinas at all, and may be forced to sell if such resources were removed.

[REDACTED]  
2/03/2022 01:02 PM

This is part of the character of the area. Over time council has restricted the use of public amenities for boat owners and has been a factor in driving cost of ownership upwards so that only the wealthy can enjoy it.

[REDACTED]  
2/03/2022 04:26 PM

One of the few areas with launching and maintenance facilities available to the community. These facilities probably aren't the prettiest use of the space as the surrounding home owners would like.

[REDACTED]  
2/03/2022 08:33 PM

It's great to have affordable boat maintenance facilities near the city when I'm visiting Auckland on my boat. Otherwise I'd have to look at visiting Northland or another region instead.

[REDACTED]  
2/04/2022 05:52 PM

There is not enough areas to do boat maintenance. I own a 40 year old wooden catamaran that needs a lot of maintenance

[REDACTED]  
2/05/2022 04:06 PM

We live 10 minutes by bus from Auckland's CBD and it is amazing to have the bay; the bush; the walks and the open spaces so close to the city.

[REDACTED]

The boat maintenance area is run by a club

2/05/2022 04:34 PM

[REDACTED]

They make little shoal Bay what it is

2/06/2022 01:41 PM

[REDACTED]

Good playground for the kids, great view of the city

2/07/2022 08:00 AM

[REDACTED]

It's a beautiful spot, and we are very lucky to have so many green areas sprinkled through Auckland. The combination of natural bush, flat grass and the view of the bridge and city skyline make this place particularly special.

2/07/2022 12:59 PM

[REDACTED]

I think the whole common (Dudding Park) including the car park outside the bowling green needs to be raised to the level at least of the cricket pitch, preferably the tennis courts, to stop flooding, and a flood gate put under the road bridge to prevent tidal surge ingress.

2/07/2022 03:32 PM

[REDACTED]

This is the only accessible beach and foreshore in the area within 10km.

2/07/2022 09:44 PM

[REDACTED]

I have decades of connection to Little Shoal Bay. I massively support planting, protecting, and progressive environmental management. But it is also one of the last enthusiast run boat haul out areas in the city, and i think it's important to keep our gulf accessible to DIY Aucklanders who can't afford the exorbitant costs of the professional haul out areas.

2/08/2022 09:47 AM

[REDACTED]

They provide a great venue for both Adult and Children's activities

2/08/2022 10:14 AM

[REDACTED]

It's a beautiful bay with a stunning view

2/09/2022 09:13 PM

[REDACTED]

This cricket ground is very important to Birkenhead City Cricket Club. It allows us to have a ground for our Friday night introduction to Cricket sessions, which are very important in generating a lifelong passion for Cricket ensuring people stay active and healthy. The cricket wicket is very important for our Junior Cricketers as it provides a home ground, without which they would have to travel to Greenhithe.

2/09/2022 09:53 PM

██████████  
2/09/2022 09:55 PM

I have young children and need clean, safe outdoor areas for them to play in

████████████████████  
2/09/2022 10:22 PM

It's a beautiful open space

██████████████  
2/09/2022 10:37 PM

Lovely green open space right next to the ocean what can you not like about it? I value the community feel this area has and little shoal bay is a great meeting point for friends in the area. We all have babies so often sit under the trees and catch up. I have also attended outdoor yoga at little shoal which was absolutely lovely.

██████████  
2/09/2022 11:01 PM

The whole area is a very significant community asset. We often meet friends there and have done since our children were babies. We also occasionally launch a small sailing boat from the ramp.

██████████  
2/09/2022 11:13 PM

There's space for my family to play and explore. Playground equipment, fields for sport, foreshore to explore, areas to picnic. We often meet friends there to catch up and play.

██████████████  
2/10/2022 05:28 AM

Preserving and protecting the unique ecology of the beach, foreshore, wetland and bush in an urban location is important and allows everyone to enjoy little shoal bay.

██████████  
2/10/2022 06:20 AM

On a sunny day, Little shoal bay is one of our most accommodating local hangout areas - trees to sit under for picnics, spaces for kids of all ages to play, toddler-friendly water to splash in, beautiful access to the bush. At less ideal times, the bay should provide natural environmental protection from erosion, weather, climate change effects. I'm not sure if all the boats, piles of junk and gravel-and-grass ground cover is helping shore up that second value in the long term. LSB should be a place we can use to teach our kids about how to strike a middle ground between protecting places for humans and the natural ecosystem.

██████████  
2/10/2022 06:27 AM

Would use the beach more if boats were gone

██████████  
2/10/2022 07:15 AM

These are important family activities that we have in the community.

██████  
2/10/2022 07:56 AM

I grew up here on the shore and enjoyed the natural environment and foreshore and want my kids too aswell

██████  
2/10/2022 07:57 AM

Used for cricket for our kids through Birkenhead cricket club. It's an excellent recreation area and perfect for kids cricket. We also go there for picnics and use the basketball court and tennis courts.

██████  
2/10/2022 08:39 AM

A local green space and seashore is a community asset to treasure.

██████  
2/10/2022 11:05 AM

The cricket ground is a wonderful place to play cricket - great facilities and a beautiful surround. The bush walks are a fantastic way to exercise.

██████  
2/10/2022 11:50 AM

They allow my children to play cricket locally.

██████████████████  
2/10/2022 12:40 PM

Whilst I don't live in this area any more I visit it regularly as I have relatives and friends in this area. For the past 3 years we have bought up our boat in the yard which we were able to purchase for a minimal amount because we knew we could work on it ourselves in the boatyard where we knew we could get the help of the our members. We have learnt so much about boat maintenance and sailing through them. This is not a space for a dozen privilege few but for anyone that would like to join and work on their boat. Although there is only about 20 boats in the yard at any one time there are hundreds of boats going in and out of the boatyard over the years. The boatyard provides a space for boat owners of any background. Doing up and maintaining old boats is time consuming and complex. The boatyard provide a space where the knowledge and support of the members (who often don't have boats themselves) can be passed on. I also enjoy walking my dog through this area and seeing other people enjoying the public space. I often chat to people that are walking their dogs around the boat and this makes me feel connected to this community. These people are often very interested in what's going on in the yard with the boats and they as I feel it is an interesting feature of the area.

██████  
2/10/2022 01:03 PM

I don't have a boat, I have kids, and enjoy the outdoors.

██████

I enjoy seeing the variety of boating in the area mixed with other

2/10/2022 02:39 PM

recreational activities

[REDACTED]

2/10/2022 03:37 PM

Beautiful walks and access to the foreshore for paddle boarding and kayaking

[REDACTED]

2/10/2022 03:55 PM

The native bush, access to the sea and the boatyard.

[REDACTED]

2/10/2022 05:09 PM

It's a multi use place

[REDACTED]

2/10/2022 05:23 PM

Nice place for cricket not far from our house

[REDACTED]

2/10/2022 05:24 PM

Such a valuable open green space to have so close to the city! With my extended family we often picnic, swim at high tide, walk through Le Roy's bush and often use the playground. It's very sheltered and there's always plenty of space for everyone.

[REDACTED]

2/10/2022 09:34 PM

Little Shoal Bay provides an incredibly diverse range of opportunities to enjoy Auckland's natural environment. The combination of outstanding natural amenity and active recreational space is rather unique and should be retained if at all possible.

[REDACTED]

2/10/2022 10:30 PM

natural environment, activities to keep kids active and engaged, and enjoying the outdoors

[REDACTED]

2/11/2022 07:21 AM

Lovely to have these features so close to the city centre.

[REDACTED]

2/11/2022 09:57 AM

It is a large open space within an urban space with access to the water and great views

[REDACTED]

2/11/2022 10:04 AM

These are the features I use or have concerns with (e.g. environment) so they are most valuable to me.

[REDACTED]

2/11/2022 10:15 AM

The connection between beautiful Le Roys bush and the sea, with those magnificent views. It's a truly special place where our community can spend time as individuals or together.



[REDACTED]

2/11/2022 12:22 PM

It's a lovely destination when walking in the bush or local area.

[REDACTED]

2/11/2022 12:31 PM

Because it is a beautiful environment and has friendly atmosphere.

[REDACTED]

2/11/2022 03:31 PM

When my kids were younger, LSB play park was their nearest play area and an essential part of the attraction of the community to families. Now they are older, they regularly use Dudding Reserve for cricket and soccer and the basketball and tennis courts. I run and walk through Le Roy's Bush regularly. It's Birkenhead's lungs and one of its main attractions. We don't have the zoo, art galleries, theatres, marinas or other attractions that other suburbs have. Our bush and our foreshore are our greatest assets.

[REDACTED]

2/11/2022 04:05 PM

Amazing to have access to this so close to where I live. I would love to see these elements of the area enhanced

[REDACTED]

2/11/2022 08:02 PM

It's special to have a relatively quiet inner harbour bay with safe swimming and water activity, and large flat grass areas for playing on, all connected to an incredible rainforest walk. The combination of these fantastic public amenities makes it a great bay.

[REDACTED]

2/13/2022 12:03 PM

Awesome playground-used it most days when our daughter was young. Enjoyed Families in the Park, movies, Christmas Carols etc. Love looking at the wetlands and walking through the bush on the well maintained tracks/boardwalks, going for a swim, viewing the lights on the sky tower and harbour bridge.

[REDACTED]

2/14/2022 01:03 PM

It's pretty obvious

[REDACTED]

2/14/2022 01:07 PM

Its the only nearby beach of decent size with road access.

[REDACTED]

2/14/2022 01:13 PM

Recreation, beauty, community

[REDACTED]

2/14/2022 02:30 PM

I play sport with my children there (basketball and Ultimate Frisbee) and they are in their twenties. I love that we have a pocket of natural

greenery and open reserve in the middle of the city.

[REDACTED]  
2/14/2022 08:43 PM

It is the most local to me and it has unique character due to the view with the boats in foreground and city in the background to wrap up 'the city of sails'

[REDACTED]  
2/14/2022 10:13 PM

Because it's open and user friendly

[REDACTED]  
2/15/2022 10:06 AM

It is a beautiful local area in the midst of the city - very peaceful and relaxing, and my young grandchildren love playing in the park and watching the foreshore.

[REDACTED]  
2/15/2022 11:56 AM

They provide pleasant outdoor relief even in the worst of weathers.

[REDACTED]  
2/15/2022 12:13 PM

This is a lovely peaceful area, with a strong history. I enjoy imagining what it would have looked like historically, with the mahinga kai in the back hills and plenty of kai moana.

[REDACTED]  
2/15/2022 01:20 PM

Because it is a unique location with special marine and freshwater ecosystems that I want many generations to continue to enjoy. The new sandy portion has been particularly enjoyed.

[REDACTED]  
2/15/2022 02:07 PM

It is part of what we do

[REDACTED]  
2/15/2022 02:58 PM

Close to the water and still green

[REDACTED]  
2/15/2022 06:38 PM

As someone who has a deep appreciation for nature and particularly the coastal environment, I greatly value access to these areas both for recreational purposes and specifically in the case of Wai Manawa, access to the boat yard for yearly maintenance. As a front-line health worker on median income, the yard means that I can afford boat ownership which would otherwise be prohibitively expensive. The boat yard has provided me with affordable access to ensure a high level of upkeep to my boat, which in turn minimises the impact on the environment due to less fouling. The boat yard has provided me with access to a community of people with a strong, inter-generational history and wide variety of skills. The boat yard has provided me

connection with a community of like-minded people, who're passionate about sailing and do-it-yourself.

██████████  
2/16/2022 08:55 AM

The natural environment is one of the key reasons I love living in Birkenhead. I live close to Le Roys Bush and do what I can to help protect and preserve this for my own benefit but also for future generations. Walking tracks through the area have been my life-saver during covid-times and are important for physical and mental wellbeing.

██████████  
2/16/2022 10:46 AM

Providing people with the freedom to use the present facilities as they are at present.

██████████  
2/16/2022 02:42 PM

I use the car park behind the tennis courts at least twice a week, and sometimes the one facing the city. LSB has good access via Maritime Terrace and Council Terrace. The grass area is used by community groups, school children, for picnics, Sea Scouts, cricket and an open space to meet people (especially under covid restrictions) with plenty of room for many people. If the roadway through LSB was no longer there, I would have further to travel via Hinemoa and Onwea in order to access the motorway and the Bridgeway Picture Theatre. I regularly have some quiet time at the bay, if it were not there or available anymore I don't know what other option I would have for this quiet time - summer or in winter times. It has a wonderful outlook - water, the boats, ferry passing by, kayakers, people walking dogs, trees, it is worth preserving.

██████████  
2/16/2022 03:35 PM

Beautiful scenery and accessibility

██████████  
2/16/2022 04:56 PM

Because those aspects of Little Shoal Bay are the ones that I value and that for me enhance one of the reasons why I live close by and are in my opinion the most ecologically viable.

██████████  
2/16/2022 08:39 PM

It's a beautiful spot, playground has shade, you can swim, play cricket, take walks - incredible spot. I play tennis on the court every week or two.

██████████  
2/16/2022 09:11 PM

My entire family use these facilities for most weekend recreation. We meet our friends and neighbours there. Our community collects there often to bond.

[REDACTED]  
2/17/2022 02:23 AM

It offers a unique place for entry level sailors to store, launch and keep their boats. With rising costs it is too expensive for young sailors to use marinas or pole moorings

[REDACTED]  
2/17/2022 08:22 AM

There is no foreshore on the other side of the point due to the harbour bridge. We have already made the sacrifices for Auckland having the bridge and motorway literally on our doorstep and all the noise and air pollution so it's nice to have a free area for enjoying nature close by

[REDACTED]  
2/17/2022 10:52 AM

Am bowling at Northcote bowling club for many years now, great place, heritage value and great people

[REDACTED]  
2/17/2022 11:39 AM

I come here to walk and relax, and to meet friends for picnics.

[REDACTED]  
2/17/2022 11:44 AM

With the increasing population density in and around the area, open space - particularly green space - is becoming more and more precious. There is increasing pressure on open space as well. Being a regular visitor to the Bay, there are often many people using all parts of the park/reserve. Unfortunately, the Council hasn't done much to maintain or improve the area, and seems to be "letting it go". The current reserve is irreplaceable, and deserves better! We do face a challenge with rising sea levels, but the Bay lends itself to relatively simple and low cost protection from this. The boat ramp is practically useless for launching boats of any real size, and given there are much better facilities at Birkenhead Wharf and Sulphur Beach for launching, I don't see this as a priority to retain. The ability to launch small craft such as kayaks, SUPs, and small dinghys is useful but does not require a "boat ramp" as such. There are many options for protecting, maintaining, and enhancing the Bay that is a precious community asset.

[REDACTED]  
2/17/2022 12:45 PM

They are an integral part of the neighbourhood and a green and blue connection between Birkenhead and Northote

[REDACTED]  
2/17/2022 01:20 PM

There are limited flat areas for games in this location. It is a pleasant area, not too busy.

[REDACTED]  
2/17/2022 03:13 PM

This area allows me to undertake sport and leisure activities in an environment and setting that is unique to the area.

[REDACTED]  
2/17/2022 03:38 PM

Have access to beautiful bush walks and water access so close to your home is such a wonderful community asset. My son has grown up playing regularly at the basketball ball hoop

[REDACTED]  
2/17/2022 06:13 PM

It is part of our community and a great place to spend time as a family.

[REDACTED]  
2/17/2022 07:40 PM

A multi dimensional space used by people, with a view to ecology.

[REDACTED]  
2/17/2022 10:16 PM

As a member of Northcote Bowling Club (a freehold property in Little Shoal Bay) we have enjoyed playing bowls there for over 20 years. We also like to see the recreational use of Dudding Park nearby with people walking for exercise, & children playing cricket. The dimensions of the park have reduced over recent years because of the inundation caused by the non workability of the gate system which is supposed to keep out sea water, inundation & erosion.

[REDACTED]  
2/18/2022 11:21 AM

I value them for their aesthetic and environmental benefit as well as recreational amenity. As more suburbs undergo residential intensification these areas and facilities must be preserved.

[REDACTED]  
2/18/2022 02:46 PM

Little Shoal Bay is a very pleasant place to relax and is well used by the local community. The road is convenient for access between Northcote and Birkenhead .

[REDACTED]  
2/18/2022 04:10 PM

My wife and I like to walk in LE ROY bush and play bowls at the Bowling Club

[REDACTED]  
2/18/2022 06:31 PM

I value the diversity of activities occurring on and around the foreshore. I particularly enjoy the character of the haul out area and although I do not haul a boat out there I enjoy the interest that this activity provides. I enjoy knowing that this is one of the few "non commercial" boat haulage areas left in the Auckland area. Please don't remove this part of Auckland's living history.

[REDACTED]  
2/18/2022 06:36 PM

The bay is beautiful and I walk through it with my wife and our dog every morning before work. We are expecting our first child and the playground will be fantastic for her in the years to come. I would love

for our daughter to be able to swim at the bay without concern as to pollution from the boat maintenance area, and to enjoy the natural environment in a sustainable way.

[REDACTED]  
2/18/2022 09:24 PM

Excellent for children, for community building (meeting others and seeing neighbours), for mental health - being by the sea. My husband and I live on Maritime Terrace and use the park nearly every day with our children.

[REDACTED]  
2/19/2022 09:57 AM

the bays history

[REDACTED]  
2/19/2022 10:50 AM

Its close to home and a lovely place to spend some time with amazing views of the city

[REDACTED]  
2/19/2022 01:31 PM

Le Roys bush is a precious enviromental oasis as is LSB and it is great to see so many from the ommunity actively using

[REDACTED]  
2/19/2022 05:29 PM

I appreciate the natural values, such as birds, eels, and forest.

[REDACTED]  
2/20/2022 12:05 PM

Very nice quiet place for walk with my dog.

[REDACTED]  
2/21/2022 01:29 PM

Take children into the park for fun and activities and play bowls myself with my friends at the NBC.

[REDACTED]  
2/21/2022 02:48 PM

We enjoy hosting bowling tournaments from other North Shore bowling clubs. Also enjoy the twice weekly roll up we have with our own members.

[REDACTED]  
2/23/2022 12:53 PM

Little Shoal Bay has been an integral part of entertaining and bringing up our children. When young it provided a large safe play area and in particular use of the playground facilities, and now as they get older it provides playing fields for team sports training, and most importantly access to very safe swimming and learning environment for activities like SUP and windsurfing. The beach and foreshore provides a sheltered beach free from currents and large boats and a long shallow seabed contour makes for a large area where much of the time swimmers and SUP are able to stand up and be safe if things go wrong. It is a unique area sheltered from most winds. In addition we



often travel to the Bay through the fantastic tracks in LeRoy's bush.

[REDACTED]  
2/24/2022 09:51 AM

LSB is uniquely positioned with its spectacular view back to the city, offset by the natural environment of Le Roys Bush. Auckland offers other beaches and other playgrounds, so those features (and the boating facilities) are not special. The natural environment and the open space are what make the area special.

[REDACTED]  
2/24/2022 03:51 PM

It is the perfect area of rest amongst a tight residential area. The multi use of it's different aspects are well used by locals and visitors. It is a big selling point for the area.

[REDACTED]  
2/25/2022 11:12 AM

We have lived in Birkenhead for 45 years, and have seen Little Shoal bay transform from a run-down area with a run down motel , to now a beautiful, well-used and much loved park. We are so lucky to live so close to the city , yet are able to walk through LeRoys Bush, and hear all the bird life that live there.

[REDACTED]  
2/25/2022 11:18 AM

Our family has lived in the Birkenhead Neighbourhood in Hinemoa Street for 45 years. Over this period we have come to love the Birkenhead Point Community and Little Shoal Bay is a very important part of that community. The sports fields are where our children developed their love of playing sport and the bay became their extended playground over the teenage years. It is the meeting place for family and community picnics and social events. It is the link to the wonderful bush walks and with more investment to restore the beachfront, could be a special place in Auckland.

[REDACTED]  
2/25/2022 02:10 PM

Low cost barrier to water access for budget boaters who can't afford marina and commerical haul out yards but still want to enjoy the water

[REDACTED]  
2/25/2022 07:04 PM

There are very few areas with such a good haul Out area for boats

[REDACTED]  
2/26/2022 11:32 AM

I value the beach and wish it was better to swim. I have children and I can't take them there to swim currently.

[REDACTED]  
2/26/2022 11:51 AM

Because they have the least impact on the natural environment. Enough damage has already been done to the bay. It's time this was stopped once and for all.

[REDACTED]

2/26/2022 09:27 PM

Easy access, great walks, great views of the city, access to watch Harbour Bridge Light displays. And when my son was little we used the playground alot!

[REDACTED]

2/26/2022 11:36 PM

The ocean for swimming, the grounds for relaxing and the bush for exercise

[REDACTED]

2/27/2022 08:04 AM

The area is a natural and unspoilt oasis almost in the centre of Auckland City. It's natural, undeveloped and uncommercial nature is what appeals and it needs to be kept as is.

[REDACTED]

2/27/2022 09:17 AM

Little Shoal Bay is a fabulous area for our community and Auckland. The amazing array of activities that happen provide connections, celebrations and exercise for young and old. It is a hive of activity and always is well utilised by all. We don't have any other areas with so many facilities in our local area. It simply is magic and needs to be preserved.

[REDACTED]

2/27/2022 11:15 AM

A natural beauty

[REDACTED]

2/27/2022 11:51 AM

The access to the ocean and play area are essential for families in the area. This part of Auckland is underserved for accessible beaches and Little Shoal Bay and Chelsea Bay on the other side of Birkenhead Point are the closest thing we've got. Opening up this area to swimming would be a huge value to this community.

[REDACTED]

2/27/2022 03:28 PM

This is what a shoreline should be for - enjoyment for families and people to enjoy the view. The dry docks for boats MUST go! It is such an eye sore and embarrassing for our community - people always comment on the boats - horrible!

[REDACTED]

2/27/2022 04:22 PM

It's local and easy to access, great for kids to explore

[REDACTED]

2/27/2022 08:11 PM

This area is part of my daily routine. I walk over th cricket pithch through the busg up to hinemoas street and then back along the foreshore. My son uses the basketball court often with his friends and this has been so positive with staying in touch with community friends

as they got older. My daughter uses the tennis court. I have seen wonderful family gatherings in the Bay by Pacific communities from the local Tongan church, local families, schools and other groups making the most of the space. This place is very special and it should be protected - whatever it takes

[REDACTED]  
2/27/2022 09:00 PM

We have lived in the area for almost 20 years and have spent many hours in Little Shoal Bay - kids playing on the playground, picnics with friends, birthday party celebrations, use of the BBQ facility, swimming, football and kite flying in Dudding Park, tennis in the tennis courts, basketball at the basketball hoop, watching the bridge lights at night, running through the Bay and up into Le Roys Bush - so many uses and we LOVE the space. Aucklanders (from all over Auckland) are so lucky to have these facilities and park space.

[REDACTED]  
2/27/2022 09:31 PM

Important for everyone in the local community to be able to enjoy little shoal bay and the spaces around there

[REDACTED]  
2/28/2022 12:20 AM

Beautiful setting to walk dog and throw ball on grass, without dog getting dirty. Also great for picnics, which we have at least once a week during the summer. Perfect as is. Also love the tennis court and ball court.

[REDACTED]  
2/28/2022 06:54 AM

In a hilly suburb Little Shoal Bay provides a great community gathering space for both informal and formal recreation.

[REDACTED]  
2/28/2022 10:22 AM

Little Shoal Bay is a unique beach in North Shore. It is the closest beach to the City in North Shore and provides a recreational area to the community without travelling far to the other north shore beaches. The bay also has the most impressive city view that is great for a picnic or a daily stroll. The fields offer an area for large events such as Movies in the Park and Music in the Park. The playground and basketball area offers activities for all to use.

[REDACTED]  
2/28/2022 03:26 PM

An amazing park that the community can enjoy as offers so many options

[REDACTED]  
2/28/2022 11:17 PM

LSB is the heart that ties 2 predominantly family centric areas together, Northcote Point and Birkenhead From the point and beyond. Any day of the week you will see people of all ages and demographic enjoying the facilities and environment, from dog walking to

basketball. It's a hub for the community with families in the park, Christmas carol services, movies in the park, junior cricket and a fabulous children's covered play area. Every weekend you will see multiple groups meeting and socializing, kids parties, church group gatherings, local gyms holding group classes and wedding parties taking advantage of the natural beauty of the area with one of the cities most iconic back drops for wedding photo's. Choosing my top 3 features I feel is a loaded question all of the above are important make the area what it is. LSB is an example of what we as Kiwi's value, community, outdoor, natural environment.

[REDACTED]

3/01/2022 04:43 PM

Little Shoal Bay has wonderful areas for family recreation as well as bush walks, sports activities, picnics and a place for children to swim and run around in safely. But it desperately needs some active control of the seawater influx which used to be controlled with a floodgate and flap on the drainage pipe.

[REDACTED]

3/01/2022 10:09 PM

There are not enough home grounds locally for cricket club, therefore most weeks teams have to travel to Greenhithe.

[REDACTED]

3/02/2022 12:54 PM

There is limited space in our community with increase housing and need to do this. The community gatherings are key

[REDACTED]

3/02/2022 02:03 PM

Beautiful open space and sheltered bay for swimming, relaxing and recreation.

[REDACTED]

3/02/2022 02:31 PM

The beach, grass area, views and native wildlife

[REDACTED]

3/02/2022 02:39 PM

I came to the playground daily with my young children. Now we walk through with our dog. I love the sense of community. We swim daily in summer and paddle board. It's great to have a local beach. I take visitors through the bush.

[REDACTED]

3/02/2022 07:04 PM

Concern about preserving ecosystem under threat by climate change and rising sea level.

[REDACTED]

3/02/2022 08:12 PM

Enjoy the coastal and bush environment close to my house. My children benefit from being able to play in the park, playground and water.

[REDACTED]  
3/02/2022 08:19 PM

LSB attracted us to the area when house buying. It's a vital part of our weekly recreation with our 2 young daughters both enjoying the playground, walking in the bush and enjoying the shore in summer. It kept us sane during COVID times

[REDACTED]  
3/02/2022 09:31 PM

Because we have a boat and great green and facilities for the community, families, children and young people.

[REDACTED]  
3/02/2022 09:37 PM

Great area to catch-up with family and friends, exercise, walk the dog, kids to play and ride bikes, and to drive through to get to Birkenhead point

[REDACTED]  
3/02/2022 11:07 PM

Me and my family enjoy the recreational area at Little Shoal Bay and it has been part of our lives for a long time.

[REDACTED]  
3/03/2022 06:20 AM

There are not many places to connect with friends and family that have flat open spaces with playgrounds next to beach on the Birkenhead side of the motorway

[REDACTED]  
3/03/2022 07:30 AM

I love bringing my grandchildren to play at the park and have picnics and activities with other families - build community

[REDACTED]  
3/03/2022 10:43 AM

Incredible natural features that are used by a large number of diverse Aucklanders

[REDACTED]  
3/03/2022 12:07 PM

It's a great space and much valued by the community for a number of reasons.

[REDACTED]  
3/03/2022 12:25 PM

This area of the north shore is densely populated with a broad demographic across all age groups, including many young families who actively enjoy the safe recreation space and activities that are available there. The area is quite unique for an inner-city suburb just 10 minutes from the CBD with the Lee Roy Bush nature area and walkways linked to the Little Shoal Bay reserve and shoreline. This is highly valued and enjoyed by a large proportion of the local community. Easy parking and access via Maritime Terrace/Council Terrace is important for young families, as well as being an important traffic connector for local residents which undoubtedly takes pressure away from the Highbury area and Onewa Road. Traffic congestion

around Highbury is becoming an increasing problem as a result of the construction of new apartment blocks, townhouses, and new subdivision.

[REDACTED]  
3/03/2022 12:37 PM

LSB is a special place to meet friends and engage in social sports activities. The view back to the city makes it a wonderful place to meet and enjoy the outdoors. The walking trails in the area are fantastic. This would be a massive loss to the community to lose the park, recreational space, playground which is so widely used.

[REDACTED]  
3/03/2022 02:27 PM

This is a road that joins two communities Northcote Point and Birkenhead Point. We need an alternative route to Onewa road as traffic is too congested. The playground and sports fields are cherished and loved by the community as is the parking spaces provided. It is important this road is maintained for access to and from our communities.

[REDACTED]  
3/03/2022 03:52 PM

The area is ideal for taking the grandchildren to play on the playground, to kayak and paddle board, to have family picnics

[REDACTED]  
3/03/2022 05:58 PM

its just so rare to have these courts available to the public in this area. But I also love the wetland walk, its incredible.

[REDACTED]  
3/03/2022 07:40 PM

It enhances my health & well being It gives me space & enjoyment

[REDACTED]  
3/03/2022 08:24 PM

Is a great place to take the kids, no other space in the near area has the amenity that the bay has from parks to play grounds to access to the water. Very safe and quality place for children to engage with

[REDACTED]  
3/04/2022 09:37 AM

Family time, meet friends and neighbours, encourage a safe area for exercise and leisure.

[REDACTED]  
3/04/2022 09:37 AM

open space, nice reserve, nature, good for kids and dogs

[REDACTED]  
3/04/2022 09:44 AM

Because it's the only beach in the area so don't change it

[REDACTED]

The Coastal marine environment, both ashore and on the water, is

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3/04/2022 09:53 AM

the recreation area for hundreds of thousands of Aucklanders and we are constantly aware of the need to protect this environment to ensure the ongoing access to the marine environment by all users and the facilities are available for maintenance, rigging and launching of all types of craft.

3/04/2022 01:18 PM

Close to our home. Most convenient place to launch our kayaks. Safe swimming for our children. Beautiful view of harbour bridge & city. Beach & foreshore area one of only a handful dog-friendly beaches on the North Shore. Large grassed areas offer lots of options for sports, picnics, birthday parties. Little Shoal Bay has always been a key place for recreation for our family, starting with the playground when our children were younger.

3/04/2022 02:07 PM

The importance of the natural ecology and coastal wetlands, the foreshore and playground for the kids.

3/04/2022 04:13 PM

The space is a big part of our every day lives. We go down to little shoal most days after work to walk our dog and often go down as a family for a picnic. There are very few parks in Birkenhead and little shoal is by far the easiest for us to access

3/04/2022 06:13 PM

I have little kids. We love to swim and when the tide is out we love to explore the foreshore. And of course they love the play ground too. Although we don't frequent it so much the bush walk is great, love the mixture of bush stream, board walks, and that is pram friendly.

3/04/2022 07:28 PM

I've spent time at little shoal bay from a small child to an adult. It's always provided a great range of outdoor activities for all ages and is a very unique place to experience on the North Shore.

3/04/2022 08:16 PM

I like to walk in Leroy's bush and appreciate the reserve as you go into the bush and the reserve visible from the bush and Maritime Tce

3/04/2022 08:53 PM

Green space for our family and community to enjoy

3/04/2022 09:08 PM

Being in nature is so important for body, mind and soul and my kids love it there so much too, especially watching the eels off the little bridge!

██████████  
3/05/2022 08:06 AM

Stunning spot for the whole family to enjoy

██████████  
3/05/2022 08:35 AM

Having access to the sea and it's sheltered from most winds. The ecology is very important as there are hardly any places with a largely un modified coastal wetland system. And walking through the fresh water board walk and wetland.

██████████  
3/05/2022 12:51 PM

This is a wonderful amenity which has very high use by locals and visitors to the region. It is difficult to imagine another area within a several kilometres radius that has the current combination of amenities. In fact I do not know of any similar amenity remotely close to the CBD. Families of all walks of life can be seen enjoying the park and its facilities. In a time of crisis caused by COVID, the value of open spaces, publicly available facilities and areas for communities cannot be underestimated. It seems absolutely counter intuitive that Council could be even considering removal of this facility when the spotlight is on mental health and the value of the environment and the outdoors as a restorative place. There are so few parks of this quality and variety of amenity available.

██████████  
3/05/2022 02:29 PM

It creates a healthy and uplifting environment to be able to walk, swim, paddle board and enjoy the natural surroundings so close to the city. This needs to be preserved

██████████  
3/05/2022 02:51 PM

Because in the 20+ years I have lived in the area, I have witnessed ALL these features being used by MANY locals DAILY. I have personally used all the features in various degrees at different life stages over the past 20 years such as the playground & rec areas when my children were younger, the walkways for walking my dog daily and weekly running exercise, the boat ramp when we've owned boats of various sizes, attended many community events held in the public spaces etc etc.

██████████  
3/05/2022 04:18 PM

Have done and enjoyed all of them. The field needs a lot of work though, to make it safe to play on - very rough and boggy in winter currently

██████████  
3/05/2022 04:56 PM

Community, family, social, place all ages can enjoy together

[REDACTED]  
3/05/2022 06:18 PM

I love watching the regeneration of the natural environment and seeing wildlife return

[REDACTED]  
3/05/2022 07:40 PM

I enjoy spending time in the nature and looking at the ocean

[REDACTED]  
3/05/2022 08:36 PM

Great for kids to get in nature in our urban setting. Amazing view of the city. Love the Bush track walk to the bay.

[REDACTED]  
3/05/2022 08:43 PM

I have a toddler that enjoys the playground and we enjoy having picnics with friends there tok

[REDACTED]  
3/06/2022 12:04 PM

Its a lovely place to sit and look back at the CBD and bridge, it's the best connection I personally have with the sea (being able to swim in it etc)

[REDACTED]  
3/06/2022 04:43 PM

Little Shoal Bay is an oasis in a busy urban area which provides a quiet space for a wide range of family activities.

[REDACTED]  
3/06/2022 06:51 PM

Valuable coastal community area

[REDACTED]  
3/06/2022 07:24 PM

Little Shoal Bay is a beautiful scenic reserve valued as a recreation area by walkers swimmers boaties, families with children. The playground and fields are well used for family and community activities and are very well respected. Very rare to see anti social behaviour.

[REDACTED]  
3/06/2022 07:45 PM

It's a great spot to get some fresh air . Would love to be able to swim there

[REDACTED]  
3/06/2022 08:00 PM

Our family love using our local beaches. This beach currently doesn't feel safe. We come to the playground

[REDACTED]  
3/07/2022 07:07 AM

Our family often come here for the playground facility. We love the location but do feel it is time for an upgrade

[REDACTED]

Existing natural beauty and vital community space

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3/07/2022 09:16 AM



3/07/2022 10:10 AM

Little Shoal bay provides the community with a local place to gather and enjoy nature, it's heavily utilised by families and should remain an area where everyone can enjoy it.



3/07/2022 01:21 PM

It is a unique are mixing authentic boating and repair, children's play areas and natural reserves. It is unusual in times to have diverse interests grouped together. We take our grandkids there and after playing in the playground they love to look at the people working on their boats who are always friendly and obliging.



3/07/2022 02:12 PM

We are so lucky to have all these features available in one location in walking distance from our home. A total treasure!



3/07/2022 02:14 PM

It's a great local spot, amazing views and lots to do. Walking, playing, swimming, etc



3/07/2022 02:26 PM

Love the open park like nature of the place looking out across the city. A Beautiful place to take anyone - kids to play, visitors to chat, or yourself for some exercise.



3/07/2022 03:33 PM

The bush and coastline of Kaipatiki are an important part of the district's character and help tremendously to make it a place I want to live.



3/07/2022 04:16 PM

We are so close to the largest city in the country, but also a world away in this little area. It's a beautiful spot where families and the local community gather, take in the views, use the facilities and general relax or do exercise.



3/07/2022 04:52 PM

That the current area is maintained as is.



3/07/2022 05:02 PM

Beautiful area with bush and sea.



3/07/2022 05:08 PM

It's great to have such features all in one area.

[REDACTED]  
3/07/2022 05:12 PM

They're such valuable community resource & assets which has had so much North Shore City Council investment and shouldn't be allowed to be let go back to a mangrove swamp. The community need these green and outdoor spaces now more than ever with infill housing increasing and apartment living and the stresses of COVID-19. We need big outdoor spaces to breathe and relax in not inaccessible mangrove swamps. It's so nice seeing so many different groups using LSB in so many different ways.

[REDACTED]  
3/07/2022 05:18 PM

It is a close knit unique area that benefits many, it's private and feels like your not in a big city. The ability to share with family for sport in summer and visitors for incredible bush and parks is surreal and incredibly special to have on my doorstep.

[REDACTED]  
3/07/2022 05:22 PM

This is a beautiful place to get exercise, and enhance wellbeing. I also appreciate the developing saltmarsh as I value the sequence of vegetation from marine, saltmarsh, freshwater wetland to forest up to the highest point of the north shore. I value that connectivity. I also value the mangroves & the seagrass, and value the marine flora as my local forest of the sea. I like that it is dynamic and changing and the mangroves and saltmarsh is increasing. I believe they are mitigating the pollution of the urban area through phytoremediation. When someone cut the mangroves down I was really devastated and I can't believe they were granted permission to destroy nature in a significant ecological area.

[REDACTED]  
3/07/2022 09:56 PM

I enjoy recreation here, sometimes walking my dog, other times with my family on the reserve or beachfront.

[REDACTED]  
3/07/2022 09:59 PM

It's safe to swim out and across the bay. The foreshore makes it very pleasant to socialise before and after the swim.

[REDACTED]  
3/08/2022 08:51 AM

Little Shoal Bay and its surrounding areas (Le Roys Bush, etc.) are an incredible asset for locals and those who visit from further afield. It ticks so many boxes as a community gathering spot, place of recreation, walk the dog, location to hold events, simply to appreciate nature, etc.

[REDACTED]  
3/08/2022 09:05 AM

It is one of the few safe and sheltered park/beach areas in our neighbourhood. It is widely used it many ways for picnics, family gatherings, formal and informal sports games. I have seen weddings, birthday parties and many celebrations happen here. It is a very

special area that provides a sense of community that enables many to enjoy the view of the city and has the flexibility to be used in so many ways it makes it accessible to all. My children are 5th generation in this neighbourhood, and all generations have learnt to swim and kayak in this bay and understand, appreciate and respect the environment. We participate in mangrove clearing and rubbish pick ups to continue to make this a safe and enjoyable space for all. It is wonderful to witness on a daily basis how this bay is enjoyed by so many.

██████████  
3/08/2022 12:06 PM

All of these features add to our quality of life. Not having Little Shoal Bay with its current features would seriously detract from our quality of life.

██████████  
3/08/2022 01:18 PM

Le Roy's bush is spectacular. The play area we used lots when our kids were young. We swim and paddle in the bay. It's one of the only wide open flat areas around to play ball, fly kites etc. The tennis court is great. We love this area.

██████████  
3/08/2022 05:02 PM

Its great park on the Waitemata shoreline, with range of different option to use. Our family and kids love it

██████████  
3/08/2022 11:36 PM

diversity, heritage, flora and fauna, sea scape, facilities and amenities that allow for people of all ages with a range of interests to interact with the environment and promotes social connectedness.

██████████  
3/09/2022 04:20 PM

It's an amazing spot for the whole family to use - the park for exercise and dog walking and meeting friends for picnics, the beach for swimming and paddle boarding, and the playground for kids playing and birthday parties.

██████████  
3/09/2022 04:47 PM

I love walking my dog in the bush, my kids love to play on the play ground, we love to kayak and paddle around the foreshore and swim in the ocean at high tide.

██████████  
3/09/2022 05:00 PM

Great local park - easy access to a swim when the tides are right, the walking through the bush is amazing, my kids play cricket on a friday night at the park and when they were smaller always used the playground. An amazing asset to have locally in Birkenhead/Northcote.

[REDACTED]  
3/09/2022 06:42 PM

Because they are for the community as well as people from all over Auckland come to picnic play and just get together

[REDACTED]  
3/09/2022 08:00 PM

It is imperative that modern cities provide outdoor recreational and social areas. Little Shoal Bay is a unique place in coastal inner Auckland that provides these features in abundance.

[REDACTED]  
3/10/2022 09:11 AM

I walk Le Roys bush everyday. It is a really special and rare natural area of bush and wetland and should be protected above any recreation purposes. You can see eels, birds and other native wildlife there everyday, but that shouldn't be taken for granted, it can be easily lost too.

[REDACTED]  
3/10/2022 11:21 AM

I have lived in the area for over 40 years and the Bay is used by so many people especially children I would hate to see this area disappear

[REDACTED]  
3/10/2022 12:49 PM

Close to home. Easy access. Been part of my live for the last 33 years thus during the different stages of my life and my children different activities and features have all been important.

[REDACTED]  
3/10/2022 02:44 PM

The bay is a cherished meeting place where our kids play, meet and adults walk and interact it is also an important recreational facility to exercise for all age groups

[REDACTED]  
3/10/2022 02:54 PM

With the ever increasing density of population, the ability to visit a local recreation area which is not fully enclosed on all sides is important to me. It provides a play area for informal play for my child and their friends, negating the needs to join formal club.

[REDACTED]  
3/10/2022 09:26 PM

Because me and my family often come here.

[REDACTED]  
3/10/2022 10:25 PM

Playing with my nephews on the playground, the foreshore with the kids and the environment.

[REDACTED]  
3/11/2022 01:30 PM

This is what I use the most



[REDACTED]  
3/11/2022 02:15 PM

Little Shoal Bay is the heart of this local community. Anyone living in Northcote Point, Birkenhead Point, Northcote and Birkenhead would go there often for gathering with family and friends. The playground is excellent and one of very few in the area. I walk through Le Roys Bush daily and across Dudding Park to Little Shoal Bay. I can't imagine this amazing part of our community being taken away from us and replaced by a swamp. It is unbelievable that this is under consideration. The road connecting Birkenhead Point through to Northcote Point is also a critical thoroughfare in the area and must be retained. I rarely see people swimming at this beach as it is quite boggy. I have never seen anyone doing activities in the stream. What we value as a community is the park, playground and facilities.

[REDACTED]  
3/11/2022 02:54 PM

This is a useful area for the kids to play, exercise as well as family events and social gatherings. Do not remove any facilities unless its the boat yard. Happy to get rid of that.

[REDACTED]  
3/11/2022 03:36 PM

Lovely spot to swim at high tide. Park nearby kids love. Beautiful natural bush to explore

[REDACTED]  
3/11/2022 04:02 PM

LSB is a great local place to relax and get your feet wet with the kids - it is a very grounded place in a busy world and helps me to unwind

[REDACTED]  
3/11/2022 06:06 PM

They are local, fun, beautiful and interactive

[REDACTED]  
3/11/2022 06:40 PM

It's a community area where people meet and play it's been a life saver during Covid. I paddle board and swim here too. I walk and exercise my dog here and meet other locals.

[REDACTED]  
3/11/2022 07:39 PM

It's a beautiful area and appreciated by a lot of people

[REDACTED]  
3/12/2022 09:13 AM

We live very close to the Bay and have two school aged children who love the playground, open spaces and the bush walks. We also enjoy the flat grassed area for picnics with friends and the whole composition of the view back to the bridge is beautiful. It is a wonderful place and we have spent much time there. It is a real community hub especially for families, but you can clearly see it is used by all age groups.

██████████

3/12/2022 12:06 PM

Natural beauty. Ability to enjoy the water views and bush walks

██████████

3/12/2022 03:25 PM

The wetland area is of special interest. The plants and plant ecosystems developing such as the *Salicornia quinqueflora*. It is an important habitat for a diverse and threatened range of plant species and their associated fauna.

██████

3/12/2022 03:42 PM

It's close to home. It's nice and serene. The habitat has so many native animals and reptiles. The creek are loved by kids. Kids get to play cricket. I can do zumba. Lots of activities around here. We plan Mini picnics and urgent BBQ. It's close to home, it's close to heart. It's the place where I shed my tears when I miss my mom. It's a dear place for me

██████████

3/12/2022 04:43 PM

I value these because they are natural features which are so necessary bring back into balance the myriad of man-made features of the harbour and it's many bays.

██████

3/12/2022 04:46 PM

It's just a beautiful place to gather and use .. so many people from all over akl benefit from having this in our neighbourhood, and we all use it so much!

██████████

3/12/2022 07:05 PM

Being close to nature and close to the city. Bringing my kids down for swimming and playing

██████████

3/12/2022 10:08 PM

LITTLE SHOAL BAY (LSB) SURVEY Comments on questionnaire  
Background 1) By way of background, I have been familiar with LSB since the mid-1960s, when rudimentary vehicle access was barely possible across a rough track that was supported upon demolition rubble that had been dumped with council's blessing. I have lived in Clarence Rd from 1973 until I built my home on the Maritime Tce cliff edge in 1980. So, I have been familiar with all use aspects of the bay and reserve for some 50 years and an observer of the interests and efforts of the Residents' Association of both Northcote and Birkenhead, together with the politics of both councils until their amalgamation. My children and grandchildren have grown up in the Maritime Tce. house and have attended the Northcote schools. I own a bilge keeler but do not belong to the local boat club. Saltwater degradation of hinterland 2) The current bay and reserve is suffering from competing environmental factors which have been detrimental to the areas potential. 3) This could be ameliorated by separating the saltwater and freshwater regions within the reserve, including Le

Roy's Bush reserve. If this is done, it will foster greater biodiversity and public interest. Potential sea rise 4) Council ought to consider and plan for the management of the effects of eventual sea rise in the short and long term. Boat haul-out area 5) I unreservedly advocate for the retention of the current boat haul-out area which, with its boats, provides a seasonal visual and social interest to the local community and visitors. The boats here, and in the bay, are of immense interest to artists, photographers, boating historians, the curious, parents with their inquisitive children who look at boats and crabs, dog lovers teasing their dogs in and out of the water, swimmers, board riders, boaties and picnics. These patrons are locals and from afar, as attested from the early questionnaire responses. The bay provides safe, warm tidal water for young children to play and swim, in an area free from motorboats. 6) The boat club has a long-term lease from council, subject to certain upkeep conditions. The club provides a significant colourful visual and social interest for bay visitors and through traffic. It is a unique treasure that should be retained, for all of the reasons articulated in the interim responses to council's targeted questions. The boat haul-out area has a seasonal winter/spring use but is empty during summer and early autumn. It therefore seems possible for the council and boat club to consider the merits of using the boat haul-out area as over-flow carparking for all reserve users during the most active summer months. This could potentially represent a win/win for both parties and the public. Dudding Park 7) Dudding Park, on the northern side of the carriageway, is currently used by summer cricketers, kite fliers and model aircraft owners. It is a converging pathway for children walking to and from Northcote College and accordingly provides an ecology lesson for those who could be interested. 8) If public use requires more toilet facilities with requisite sewage holding tanks, then please don't insult us by providing a visual offense like that imposed upon Onepoto Basin reserve, or that dominating the water reservoir hockey field on Forrest Hill Rd. Why not try something discrete for a change; something that is innocuous and subservient to both the bay and reserve. Reserve vehicular traffic. 9) Northcote Council did not favour the park being used as a carriageway between Birkenhead Point and Northcote Point, particularly for those taking a short-cut from Highbury to avoid the Onewa Rd morning and evening traffic. It opposed the formation of a legal road and instead provided a designated centre-line across the park so as to provide a de facto road link across the reserve to Birkenhead Council's Maritime Tce. 10) Additionally, Northcote enabled a bylaw prohibiting the passage of trade vehicles across the reserve. This bylaw has never been enforced to the current detriment of the reserve. Council and Transport Authority might consider removing one of Onewa Rd's bus-lane cameras to the Rodney Rd entrance to LSB reserve. Current seawall 11) The current ramped concrete seawall is breached by two boat access ramps; one at the eastern end by the scout den for

trailed boats and the central one for launching stored dinghies. Previously boat haulage was along the sea wall to access the Northcote Point cliff-line where there is a sandstone bed, but recently boats have been manouvred in and out of the water by hiab-crane.

12) If sea-rise is seen as a future threat, then it would be possible to increase the reserve topsoil and boatyard basecourse so as to align with the timber seawall capping. If a further rise was necessary, then another timber baulk could be added to form two steps as additional seating.

13) The central dinghy ramp could be extended to a higher level and the currently neglected stone fenders repaired and extended.

Inter-tidal sand

14) Currently, the escaping water from the Maritime Tce culvert washes away the sand build-up from the western end of the bay. This creek carries stormwater silt from as far afield as Highbury and leaves a 300mm deep silt deposit along its edges for unwary explorers. An experimental sandbag groyne recently placed on the eastern side of the culvert outlet and creek, has arrested the escaping sand from the seawall and permitted a welcomed slight build-up of sand along the western shoreline.

15) A more permanent groyne might beneficially separate the bay from the sluicing effects of the creek. The mangroves should not be permitted to encroach further east and south into the bay.

Floodgates

16) The current culvert under Maritime Tce. originally had a flood gate to restrict the entry of salt water into the swamp-land within Le Roy.s bush area. This flood gate has been removed but needs to be replaced to stop the tidal flooding.

17) The floodgates adjacent to the boat haul-out area was destined to fail before it left the borough engineer's office; and it did with the build-up of sand that prevented the flood-gates from operating.

18) A new flood-ate on the northern side of the current footbridge might not attract the accumulation of seashore sand. The floodgate should remain accessible by bobcat for the removal of any sand build-up, should this become necessary.

19) The northern drain should be re-engineered so that it only receives fresh floodwater from the bowling green corner of the reserve.; not combined salt water.

Council's questionnaire

20) Finally, I feel obliged to comment upon the council's questionnaire which asked respondents to suggest three preferences (out of a myriad of possible questions) This, to me, suggests an engineering and political cop-out, whereby the design consideration can be reduced to three overarching preferences and an incentive to ignore any of the highly important, but subtle planning ingredients that could contribute to a special inner city amenity at a time when the current Unitary Plan has permitted the erosion of residential outdoor amenity space and whilst Panuku appears to be single-mindedly eyeing the commercial opportunity of any public reserve and harbour-side space.

21) Let us consider all of the environmental subtleties and opportunities that exist and design Little Shoal Bay and its hinterland reserves with good engineering, ecological, environmental and landscape architectural skill and sensitivity, combined with political acumen, so

that LSB might enjoy the potential of becoming one of Auckland's ultimate recreational treasures, for posterity. [REDACTED]

[REDACTED]  
3/13/2022 09:35 AM

Little Shoal Bay is a very important part of the local community providing a wonderful area for outdoor recreation in a beautiful environment.

[REDACTED]  
3/13/2022 01:38 PM

Little Shoal Bay is a very special area — like an oasis in the middle of the city. It renews the spirit.

[REDACTED]  
3/13/2022 07:36 PM

It's a great spot to spend time with the family plus my partner and I both run/walk for exercise through the area

[REDACTED]  
3/13/2022 07:44 PM

There is only one other play area and beach in walking distance which is the wharf and since the pontoon went it's not great for swimming and the play area is small

[REDACTED]  
3/13/2022 09:10 PM

Me and my partner are both work in the environmental and coastal marine enhancement industry. We understand the importance of natural wetlands/ salt marsh areas, ecology and coastal processes. I see the current levels of coastal inundation on our walks during our walks at little shoal bay and understand the immediate risk climate change and sea level rise have on the future of little shoal bay. There is already hard engineering structures and reclaimed land to protect the bay. I think a managed retreat or adaption approach to allow for natural processes should be valued over protecting a sports field and facilities. I think there is great opportunity to enhance the ecology in the area, create amenity via walking tracks, swimming areas and educational signage.

[REDACTED]  
3/13/2022 10:07 PM

I work in environmental science, and it's where I often take part on one of my hobbies on the sports field

[REDACTED]  
3/13/2022 10:53 PM

Native flora and fauna

[REDACTED]  
3/14/2022 09:29 AM

Little Shoal bay is a Northcote/Birkenhead Icon. Its a solace place where you can unwind and play no matter what age demographic you belong to.

[REDACTED]  
3/14/2022 10:02 AM

This is our closest beach/foreshore area and I consider it to be part of the fabric of our community. We can access it without driving our car. Our kids can walk to it and play safely. It's a unique ecological area. It's good for the soul!

[REDACTED]  
3/14/2022 11:04 AM

The bay is a great place for the kids to play, and has a really nice community feel. The combination of the playground and the beach makes it a perfect local place to retain.

[REDACTED]  
3/14/2022 12:34 PM

Beautiful place for relaxation, wonderful place for family picnic.

[REDACTED]  
3/14/2022 02:08 PM

I value being able to take my kayak down to little shoal bay and launch it to go fishing. To kick a ball or play cricket with my kids and for them to use the playground. I love being able to swim down there also.

[REDACTED]  
3/14/2022 02:33 PM

It is both a vista amenity (foreshore) and an immersive amenity (LeRoy's Bush) within walking distance - and a visiting grandchildren's playground. Healthy, enriching, restorative.

[REDACTED]  
3/14/2022 03:32 PM

As an active cricketer, the sports field is vital for cricket in the neighbourhood as there is a significant shortage of cricket fields on the lower shore. My children use the playground and beach regularly, I play tennis with my son on the tennis court, and I run through the bush most days.

[REDACTED]  
3/14/2022 03:38 PM

environment-wetland and playing field so often used for children events and picnics, seaside play and boats of all sorts and especially community activities

[REDACTED]  
3/14/2022 05:48 PM

Excellent local park with a variety of great activity options for family - with nothing else similar nearby.

[REDACTED]  
3/14/2022 06:22 PM

A beautiful park, extensively used by the local community for many activities from cricket to playing , to sitting and enjoying the peace and quiet.

[REDACTED]  
3/14/2022 09:05 PM

I prefer recreational use rather than organised sport. I have brought elderly people to sit and enjoy the bay, we have had church picnics there and have used the walking tracks at the back.

[REDACTED]  
3/14/2022 09:27 PM

Great area for kids and family to enjoy.

[REDACTED]  
3/14/2022 09:28 PM

We have lived in the area for over 27 years and Little Shoal Bay is a definite asset - we walk/play with our dog, take our paddle boards down for a paddle, often have a picnic in the grounds, love seeing families enjoying the area - we used to take our now 24 year old daughter to families in the park and this event is still going. The open air movies have been great and this area provides one of the best views across to the city. Look at the picture above of the boat storage/maintenance area - this has been photographed and painted numerous times.

[REDACTED]  
3/14/2022 09:36 PM

Great place to spend time with family and friends. Kids love to hang out there too.

[REDACTED]  
3/14/2022 09:50 PM

I walk to and around the foreshore and Le Roys Bush most days. Our children spent hours playing in the then playground and on the field (aka the bottom field) and we always take visitors down the steps at the bottom of Seaview Avenue for a walk, a swim, a run around or to admire the magnificent view. The features of Little Shoal Bay are among the reasons we chose to buy in the area 28 years ago. We love the outdoors, and are proud that we are able to have such an amenity on our doorstep.

[REDACTED]  
3/14/2022 09:52 PM

I have lived very close to Little Shoal Bay for the past 28 years and have enjoyed walking, running, swimming or playing there most days during that time.

[REDACTED]  
3/15/2022 08:57 AM

Having open spaces to enjoy is very valuable to me. Our children have frequented the play areas through much of their primary years, having also walked the kids down there from Northcote Primary for outdoor activities, attending sea scouts, having picnics on the beach front there along with using the BBQs when we meet up with friends. As a family we constantly walk ourselves and family dog through the reserve, using the broadwalk up and in around Little Shoal Bay - we go to the Birkenhead Library and to the shops to buy coffee and food. When we have friends and family come visit - they are always amazed at having such a beautiful facility so close to the city and



within walking distance. This of course was an amazing facility during the lockdown and a place where our teenage children were able to get away and feel connected.

[REDACTED]  
3/15/2022 12:29 PM

So nice to be so close to the sea. Boat storage is revolting and needs to go

[REDACTED]  
3/15/2022 01:33 PM

because they allow our family to interact with the community at common places, like the playground, the cricket pitch or on the beach.

[REDACTED]  
3/15/2022 02:10 PM

Little Shoal Bay is a real little gem. It's a wonderful community resource which is very well used by families. It also is a beautiful gateway to the Le Roy's bush area. The road access between Birkenhead Point and Northcote Point is highly valued as an alternative to travelling through the congested Highbury shopping centre and Onewa Road.

[REDACTED]  
3/15/2022 02:33 PM

Great social place to connect with other locals, children to play, play sports, play on the beach, walk through the bush. All in a beautiful setting looking across to the Harbour Bridge and Sky Tower. It is a big part of what makes living in the area so good!

[REDACTED]  
3/15/2022 04:13 PM

LSB is a fantastic community foreshore asset that needs to be carefully nurtured and maintained for generations to come. The area should be enhanced to make the most of its natural attraction and amenity for the community and visitors to the area.

[REDACTED]  
3/15/2022 05:08 PM

Swimming, paddle boarding, kids in the park, exercise through the bush reserves

[REDACTED]  
3/15/2022 06:44 PM

Having access in an inner city beach is of great value for the community. Families and individual being able to swim, walk, picnic and play. Water quality is very important for swimming and water sports.

[REDACTED]  
3/15/2022 07:09 PM

Community amenity

[REDACTED]

I love the walks through the bush, the walks along the foreshore,

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3/15/2022 07:57 PM

swimming my dog at high tide, commuting easily to Northcote Point (walking or driving).

[REDACTED]

3/15/2022 08:08 PM

Beautiful, safe and peaceful place. Great walks and runs around the bay, Le Roys Bush especially now with the new and improved walkways. We have and have lots of family picnics (last 49 years), birthday and gatherings with family and friends. Loved it when we had movies in the park. Amazing view across to the city and the harbour bridge, now illuminated and of course New Year's. Lovely spot for our grandchildren to swim and kajak safely as well as looking for eels, pukekos and other 'wild life' on the other side of the Bay . Tennis and basketball court are used by the older grandchildren.

[REDACTED]

3/15/2022 08:49 PM

The cricket field/Dudding Park is used on a regular basis by people of all ages (predominantly children) and provides much entertainment on Friday nights and weekends during the summer months. It provides a venue for children to learn the game and a place for parents to meet and socialise. It is a common place for people to walk their dogs and engage in other forms of recreation. Outdoor movies are shown in summer (Covid permitting) and boot camps are held there on an informal basis. There are very few large, flat reserves on the Shore, and no others in the vicinity. Greenslade Reserve has recently been lost to the Northcote development. Jean Sampson Reserve is too small. To lose Dudding Park would have a hugely negative impact on the community.

[REDACTED]

3/15/2022 09:13 PM

It helps my mental and physical health tremendously to be in these areas.

[REDACTED]

3/15/2022 09:17 PM

The amenity at Little Shoal Bay is varied and provides entertainment for everyone if every age in the family. It is a multi functioning area which has been used for different things at different stages of our family life. It is also the heart of the community with frequent meetings of families and groups from the neighbourhood.

[REDACTED]

3/15/2022 09:50 PM

It represents home

[REDACTED]

3/15/2022 09:59 PM

Great to have this amenity so close to home

[REDACTED]

Little Shoal Bay is a treasured community space that serves all of the

3/15/2022 10:06 PM

generations in the area. As a child I remember the motel and its been nice to see if created as a publics space with high amenity. Council must retain this.

3/15/2022 10:07 PM

The Little shoal bay boatyard is the only non-commercial yard in the urban Auckland area that can haul multihull yachts and it is very important that it remains.

3/15/2022 10:33 PM

Historic boat haulout bay, dating back to the scows. Historic boatbuilding in the area going back well over a century.

3/15/2022 10:34 PM

Family and friends regularly enjoy the reserve for exercise and on occasions have been involved in boating and boat maintenance in the bay. Over the last decade facilities for DIY boat work have either been shut down or evolved into very expensive commercial operations. As a consequence their are many more neglected vessels often with significant marine growth cluttering up our beautiful harbour! Please retain this essential maritime resource for our community.

3/15/2022 10:54 PM

Community has a place to meet and enjoy

3/15/2022 10:56 PM

Unique foreshore and forest environment that is close to home, with wonderful views of Auckland Harbour Bridge and the city. The Bowling Club has existed at Little Shoal Bay for around 100 years. The children's playground and reserve are very popular with families, and picnics are often seen.

3/15/2022 11:17 PM

We swim and boat in Little Shoal Bay regularly. I have been walking in Le Roys Bush since the 1970s with my children and grandchildren. I have been working to restore Le Roys Bush for many years.

3/15/2022 11:19 PM

The natural environment matters most. It's nice to have a playground and space for ball sports but what makes the bay sing is the sea, the foreshore, the grassy areas to picnic and play, the trees and the backdrop of Le Roys Bush. It's interesting to see the number of people who look hopefully and delight in seeing eels in the stream.

3/16/2022 12:12 AM

The boat maintenance area is home to many vessels and their families. It has a long history of community and to see that disappear

would be a loss. In these trying times, no matter how small that community may be, hope and keeping dreams alive makes a difference.

[REDACTED]  
3/16/2022 12:32 AM

Little Shoal Bay offers one of Auckland's best views to the Harbour Bridge and city I much appreciate the network of tracks (and wonderful new board walks) through the freshwater wetland and regenerating bush I love seeing so many people of different ages and ethnicities enjoying the variety of activities available at Little Shoal Bay. People from all over Auckland and beyond visit and enjoy this special place.

[REDACTED]  
3/16/2022 01:53 AM

City needs more parks and open spaces for community use and wild life.

[REDACTED]  
3/16/2022 07:57 AM

It's a place for community to gather and exercise, foreshore view is great.

[REDACTED]  
3/16/2022 09:12 AM

I believe it is essential that Auckland Council RETAIN Little Shoal Bay NOT take the option of RETREAT. It is essential that the solution must be to balance concerns for the environment and the needs of the people and community. Any changes must involve the community

[REDACTED]  
3/16/2022 09:42 AM

We live in a beautiful area which does need to be protected from erosion and climate change, however being a local we should be able to co exist with other activities such as a picnic with family, walking the dog and general enjoyment. I am not a fan of the boat/maintenance area and think this is not a compatible activity for the area and would be in favour of developing this area into areas that can be utilised by more people.

[REDACTED]  
3/16/2022 12:02 PM

A natural gem that's literally under the shadow of the sky tower and harbour bridge makes this an exceptionally rare/valuable area

[REDACTED]  
3/16/2022 12:04 PM

It's great to have such a multi functional area nearby. I always see families down there, and sports teams. It's much valued by the local community.

[REDACTED]  
3/16/2022 12:58 PM

I love the play area for my kids and wife and grass park and love the bush walks and natural wetlands. The fore shore for kayaking.

[REDACTED]

3/16/2022 02:54 PM

I love taking my family here for beach play, picnics, swimming, and nature exploration etc. I mostly value the forshore beach and estuarine area. The biodiversity and developing marine ecosystem is so important to the wider Hauraki gulf. There are very few in harbor estuarine environments and so this one needs to be protected. I value it for its ecosystem services and its marine biodiversity.

[REDACTED]

3/16/2022 03:44 PM

A nearby place to home, and a pleasant area to walk in, picnic in etc.

[REDACTED]

3/16/2022 04:21 PM

It is a vital amenity today, as people value being able to get outside. Important for parents wanting their children to disengage from their devices, get fresh air and exercise. The value of 'green prescriptions' is now widely recognised. Little Shoal Bay was almost certainly a life-saver for many during the Covid lockdowns. Its value will become even more important as more people move into the area to live in the many new housing developments in around Northcote and Northcote Point, and no doubt more to come. I always thank the staff who take care of the area - emptying bins, maintaining toilets daily . They do a great job and are always courteous and cheery. Please value their commitment.

[REDACTED]

3/16/2022 04:35 PM

It's our local swimming beach so we want to ensure swimming is safe. We also want to protect the foreshore and bush area in hopes of protecting wildlife but also making sure beach isn't washed away. The Nee sand area at far end of beach is great.

[REDACTED]

3/16/2022 04:44 PM

The foreshore and Dudding Park are valuable community areas used for a variety of outdoor activities by hundreds of people every year.

[REDACTED]

3/16/2022 05:11 PM

Access to my mooring in Little Shoal Bay. Good bush walks, good facilities for small and big grandchildren. Nice meeting place for family fun days out. Keeping the cricket pitch, foot ball play area. Water activities.

[REDACTED]

3/16/2022 05:17 PM

It's a lovely safe beach for swimming around high tide. Nice view to the city. Close to beautiful LRB for walking.

[REDACTED]

3/16/2022 05:40 PM

It's the wealth of different activities in the area sitting by the seawall just passing time or playing touch football. its a wonderful place

[REDACTED]

3/16/2022 05:43 PM

Our whole park and foreshore area is fantastic all ages in our community. Our kids have grown up using these facilities including the Kaipatiki Park trucks summer facilities, playground, basketball court, cricket pitch both club and socially, swimming and jumping from rocks. The walkways are fantastic for exercise and looking at environment/nature, and seeing the natural phases of boats in and out of the water, birdlife, eels, etc is such fun and a privilege. The bowling club is an area we haven't used as yet, however, as we get older it's good to know there is a close community facility that provides social interaction and exercise. Being able to be in a space that has space for all ages in a community is precious. The view across the water of the Harbour Bridge is magical.

[REDACTED]

3/16/2022 05:55 PM

This is a unique joining of natural habitats, a wonder given how close it is to the city. I value the forest to sea connection that this place enables, and the sense of being able to step out of time.

[REDACTED]

3/16/2022 05:56 PM

In times of intensification, green open space and protected reserves are vitally important to the well being of the local community. We are already witnessing hundreds of new dwellings across Kaipatiki as part of the Auckland Unitary Plan change, but the effects of the Medium Density Housing law change, effective in August 2022 (enabling 3x 3 story buildings on most sites in the region) will likely triple the demand for active and passive recreation in our parks. The outcomes of this law change will be multiple dwellings with insufficient recreational space (outdoor space for new dwellings being 20 square meters at ground level a legal minimum). The effect will be greatly increased patronage of all Kaipatiki reserves which include Little Shoal Bay reserve and foreshore. As much of the reserve as possible needs protection for outdoor recreation by the whole community. All the reserve land that can be protected from sea level rise and storm flooding must be for the whole community with no exclusive use permitted. With increased patronage of water activities, its vital that the sea wall is improved. This can be done simply and naturally with groynes to accumulate sand and shell.

[REDACTED]

3/16/2022 06:14 PM

See attachment

[REDACTED]

3/16/2022 07:56 PM

Le Roy's Bush walk is one of the most beautiful walks in Auckland. To be able to do a loop from sea, across Duddings reserve through the bush, along Onewa and back down to Little Shoal Bay is so good for the soul and we are so privileged to have it.

[REDACTED]

3/16/2022 07:57 PM

Little Shoal Bay is an attractive and accessible safe beach with multiple users. The attraction is the mix of boating, family activity and sports which give the area a community feel.

[REDACTED]

3/16/2022 08:16 PM

Provide respite from the built environment we spend most of our time in. Provide space for my children to play. Provide space for us to socialise outdoors in an attractive environment with friends and family. Provide a venue for community events. Provide a venue for outdoor play and exploration for local school groups or other groups catering to young people. Provide a place for swimming and quite watersports in this part of Auckland.

[REDACTED]

3/16/2022 08:31 PM

I have lived here for several years and enjoy this area on a daily basis. Not to have to get in the car to take exercise. It is so valuable to the community as it is and see families and friends gathering here is wonderful. The playground is fantastic, swimming wonderful and the grassed areas are absolutely beautiful!

[REDACTED]

3/16/2022 08:51 PM

Little Shoal Bay is the heart of our community. So many activities take place on the reserve and environs. For thousands of people in the lower North Shore area this is a place that can be safely walked or biked to that provides outdoor activities that enhance our health and well-being. We do not need to get on a motorway to get to the amenities on the eastern coast. Great for older people and young families who are less able to travel greater distances.

[REDACTED]

3/16/2022 09:18 PM

It is the key reserve in our local area

[REDACTED]

3/16/2022 09:25 PM

An area of green space that is able to be used by the community of all ages for a range of recreational purposes

[REDACTED]

3/16/2022 09:44 PM

It is the best playground locally. Love being able to explore nature at the beach as well. We often walk through the bus to get there.

[REDACTED]

3/16/2022 10:23 PM

I have young children and also enjoy walking/running through the excellent environmental areas

[REDACTED]

We are a family of 4 that love water activities and have a dog. Little



3/16/2022 10:29 PM

shoal bay is great to take the kids to for a bike ride, play on the playground or to walk the dog. My partner has a mooring in the bay so having the playground is good to keep the kids entertained while we check the mooring. We also race on a historic Mullet boat (lifting keel) that is kept in Westhaven. Given she is only 22ft and worth under 10k even though she is in good condition, its extremely cost prohibitive to take her out somewhere like Pier21. We need places like the hard stand for boat maintenance of these priceless historically significant yachts. I also have a sentimental connection to the bay as my mum, grandparents and great grandparents all grew up and lived there and are all sailors. My Grandfather is Jim Young ONZM, NZ yachting royalty, who built and designed his first boats in little shoal bay. The slip around the corner in needles eye was made for the Lady Sterling which my great grandfather skippered, then my grandfather used it to launch boats he built. My family history is very much tied to the bay.

  
3/16/2022 11:09 PM

there's a connection between the sea, the craft that float upon it and the people. People working on boats on the waterfront can enhance the recreational values of that piece of shoreline. There are many wonderful examples of this around the world. This is a wonderful sheltered place for a small boat maintenance area and it connects us to our past. Let's keep boating egalitarian and available to all. The boat maintenance area doesn't hurt the character of the bay or the values that those who seek to close it down endorse.

  
3/16/2022 11:25 PM

Little Shoal Bay is my local beach, I believe the boat yard is a heritage site and the only suitable boat yard for my yacht. I also enjoy taking my children there for swimming at high tide and using the playground and fields. Auckland is world renowned for its boating and it is very important we maintain safe and cost-effective boat yards for the local community.

  
3/16/2022 11:30 PM

I enjoy the open space of the foreshore and playing fields, the easy access for walking in Le Roys bush and the access to Petanque terrain at the Bowling Club.

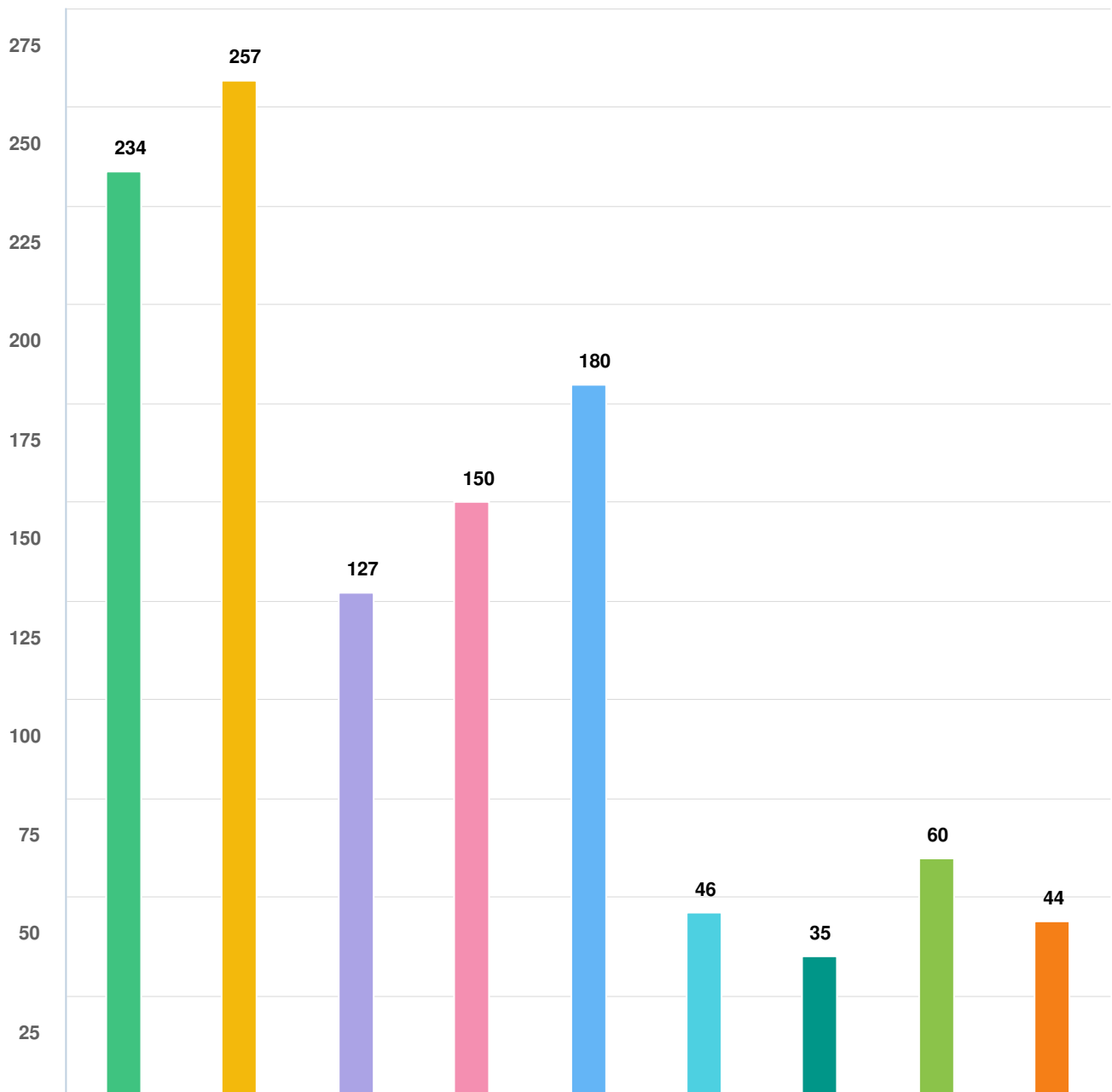
  
3/17/2022 12:17 PM

It is a very peaceful, enjoyable area as well as being an essential road from Onewa through to Highbury

**Optional question** (335 response(s), 60 skipped)

**Question type:** Essay Question

**Q6** When thinking about Wai Manawa/Little Shoal Bay and how you use the area, what matters most to you? Please choose your top 3 from the following:

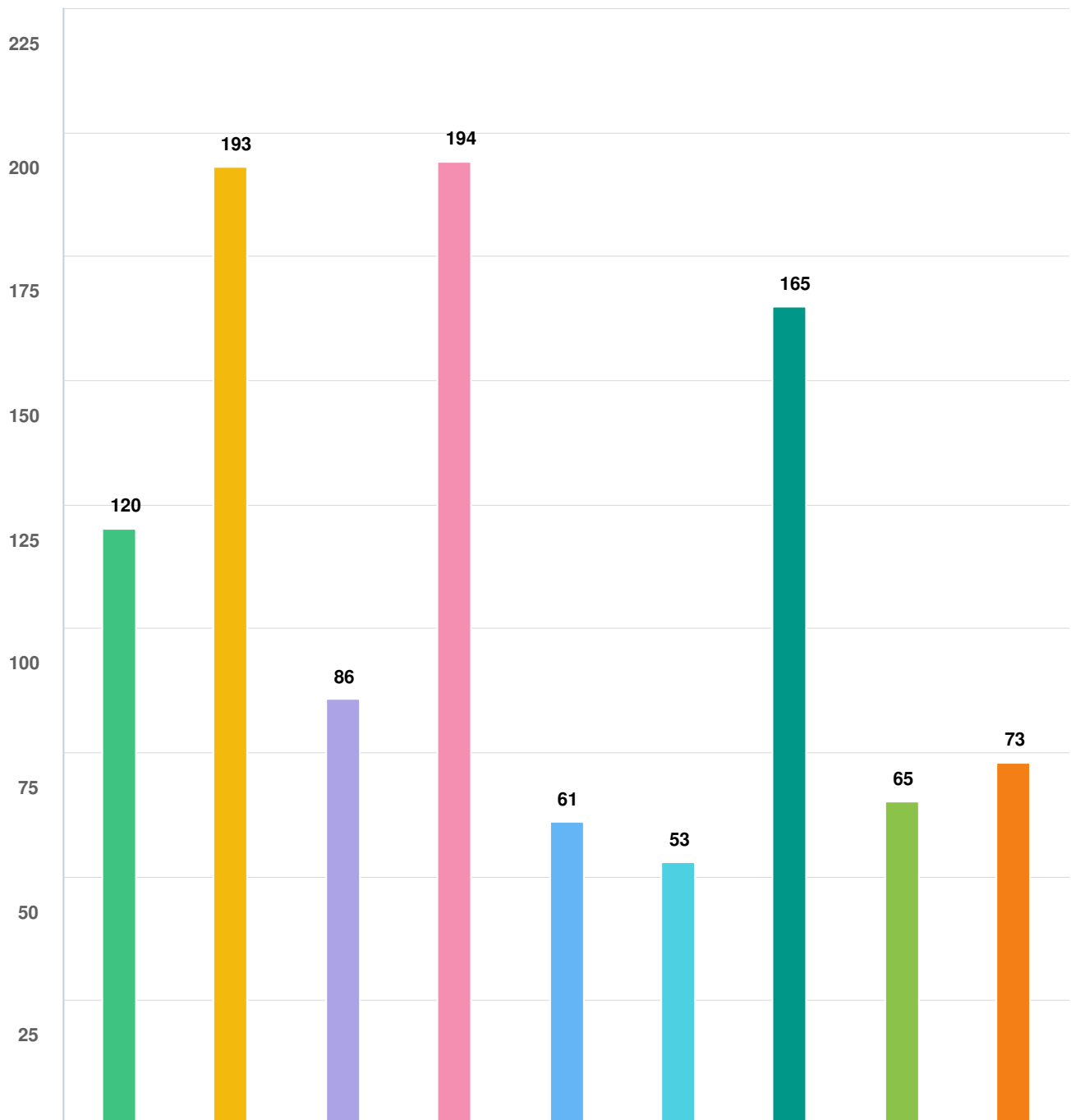


**Question options**

- Protecting and enhancing the natural environment      ● Enhancing passive and active recreation around the foreshore
- Enhancing informal community sport activities      ● Improving freshwater quality and the stream environment
- Maintaining and enhancing access between Little Shoal Bay and Le Roys Bush
- Retaining and enhancing access to the park and to the Northcote Bowling Club      ● Retaining accessible parking
- Retaining a boat launching area      ● Other, please specify:

Optional question (394 response(s), 1 skipped)  
 Question type: Checkbox Question

**Q7** What are you most worried about for the future of Wai Manawa/Little Shoal Bay? Please choose your top 3 from the following:



**Question options**

- Rising sea level    
 ● Coastal inundation and saltwater intrusion    
 ● Flooding and increased rainfall
- Destruction of natural habitat    
 ● Climate change    
 ● Increasing population    
 ● Loss of playing fields
- Loss of boat maintenance area    
 ● Other, please specify:

*Optional question (391 response(s), 4 skipped)*  
 Question type: Checkbox Question

**Q8 | What parts of the reserve do you think are most affected by big storm events and flooding?**

- [REDACTED] The playing field, which seems to be shrinking  
1/26/2022 10:39 AM
- [REDACTED] The fields  
1/26/2022 05:33 PM
- [REDACTED] All of it  
1/27/2022 11:26 AM
- [REDACTED] Big storm events and flooding affect the foreshore – this is a nonsense question because this happens wherever a volatile materials move against rigid structure  
1/27/2022 11:50 AM
- [REDACTED] The fields. Obviously these become waterlogged and unusable (aside from skim boarding which is admittedly a lot of fun)  
1/27/2022 10:28 PM
- [REDACTED] cricket field  
1/27/2022 10:41 PM
- [REDACTED] Dudding reserve and stream quality.  
1/28/2022 04:47 AM
- [REDACTED] The playing fields (and road between!) and carpark and bowling club.  
1/28/2022 10:05 AM
- [REDACTED] I have experienced the boatyard and reserve occasionally flooding during king tides/extreme weather events.  
1/29/2022 08:30 AM
- [REDACTED] Bowling green  
1/29/2022 08:51 PM
- [REDACTED] The playing fields and flow on into Le Roys Bush streams impacting flora and fauna.  
1/30/2022 11:47 AM
- [REDACTED] Ultimately all of of the park will be affected by salt water intrusion

2/01/2022 09:01 AM

unless something is done to fix the outlet pipes. This even includes the road through the bay and the sewer main that passes through the Raupo.

  
2/01/2022 11:31 AM

The playing fields get quite boggy after rain and take a while to drain. More drainage from the fields under the road out past the sea wall would help improve things. The sea wall is doing a great job and has held up for decades. More concrete around the foreshore, like the boat maintenance area would be good to protect from erosion.

  
2/01/2022 02:24 PM

All low lying areas

  
2/01/2022 03:20 PM


Playing fields

  
2/01/2022 04:28 PM

The playing fields and the bowling club. It is visible after big tides and rain events that the areas are being impacted

  
2/01/2022 05:55 PM

It's natural. Remove the boat maintenance area & possible pollutants & allow wildlife access to wetlands/creek

  
2/01/2022 09:18 PM

I have seen that during strong storms many trees and ferns fall down

  
2/02/2022 08:22 AM

Unsure

  
2/02/2022 09:48 AM

The current boatyard, which gets flooded with very high tides, resulting in the toxins from the yard being taken into the sea when the tide recedes. Also sand that has built up at the end where the Sea Scouts den is gets washed away. The playing field on Dudding Park and areas surrounding that, including the bowling club.

  
2/02/2022 08:47 PM

None

  
2/02/2022 11:33 PM

Cricket grounds across the road and foreshore area

[REDACTED]  
2/02/2022 11:34 PM

Well the feild is not looking terribly great perhaps due to saltwater intrusion and lack of summer rain fall.

[REDACTED]  
2/03/2022 06:05 AM

The boat ramp area.

[REDACTED]  
2/03/2022 07:12 AM

Its always flooded even when I was a child the reserve flooded and ive seen it flooded right across the road. Thats going to get worse with climate change but provided thats understood I don't see any problems.

[REDACTED]  
2/03/2022 09:24 AM

Think ? It's known by anyone who observes. The tidal regions adjoining the play fields flooding during tidal/storm events. Sewerage in stormwater over run getting into the bay ? ( not only then ? )

[REDACTED]  
2/03/2022 09:47 AM

If council had undertaken their role, then flooding would have been controlled by other measures, i.e. retention and detention of storm water at source.

[REDACTED]  
2/03/2022 09:49 AM

The shoreline, and the low lying areas beside the creeks.

[REDACTED]  
2/03/2022 11:01 AM

Storms are a fact of life so is the occasional flooding really a problem

[REDACTED]  
2/03/2022 11:04 AM

The grassed playing fields

[REDACTED]  
2/03/2022 11:45 AM

The entire reserve was once part of the shoal, so it goes without saying that the entire area to the hills behind are vulnerable.

[REDACTED]  
2/03/2022 01:02 PM

not concerned

[REDACTED]  
2/03/2022 04:26 PM

The foreshore and grass areas. Grass areas could be removed and replaced with native plantings.

[REDACTED]  
2/04/2022 05:52 PM

its natural occurrence and not worried about it at all.

 2/05/2022 04:06 PM	We have lived by the bay for 30 years and have seen the climate extremes. It is mainly the existing tidal areas affected, but flooding can cover the cricket area and the bowling club fields.
 2/06/2022 01:41 PM	Cricket field
 2/07/2022 08:00 AM	Cricket pitch, bowling green
 2/07/2022 03:32 PM	As stated above, the entire grassed common and the car park outside the bowling club need raising above high-tide surge levels.
 2/07/2022 09:44 PM	Dudding reserve
 2/07/2022 10:11 PM	Fields
 2/08/2022 09:47 AM	the football fields.
 2/08/2022 10:14 AM	The Dudding Park Sports Field and the adjacent Car Park as well as the privately owned Bowling Club
 2/09/2022 09:53 PM	Dudding Park playing field and the cricket wicket
 2/09/2022 09:55 PM	The water quality
 2/09/2022 10:10 PM	Beach/immefi9 foreshore area
 2/09/2022 10:22 PM	Not sure
 2/09/2022 10:37 PM	The playing field next to the tennis courts gets so bogged out when it rains. It makes walking across to le roys bush pretty dangerous and slippery.



[REDACTED]  
2/09/2022 11:01 PM

Cricket fields

[REDACTED]  
2/09/2022 11:13 PM

The cricket pitch side of LSB and the fresh water stream

[REDACTED]  
2/10/2022 05:28 AM

The foreshore which is contaminated land.

[REDACTED]  
2/10/2022 06:20 AM

The huge tracts of unnatural ground cover - soggy grass and gross gravelly boat area.

[REDACTED]  
2/10/2022 07:15 AM

Cricket field

[REDACTED]  
2/10/2022 07:56 AM

Foreshore

[REDACTED]  
2/10/2022 07:57 AM

Playing field

[REDACTED]  
2/10/2022 08:39 AM

Dudding Park. Loosing the edges of the reserve by the bridge. Salt water getting trapped upstream and STINKING.

[REDACTED]  
2/10/2022 11:05 AM

The playing field at Little Shoal Bay

[REDACTED]  
2/10/2022 11:50 AM

Streams and low lying areas

[REDACTED]  
2/10/2022 12:40 PM

The field next to the boatyard is unusable for anything during winter, whether there is a big storm or not.

[REDACTED]  
2/10/2022 02:39 PM

Culvert at the bottom of Maritime and Council Terrace plus Little Shoal Bay reserve

[REDACTED]  
2/10/2022 03:37 PM

Cricket field, bush native flora

[REDACTED]  
2/10/2022 03:55 PM

Football field.

[REDACTED]  
2/10/2022 05:09 PM

The beach and the field

[REDACTED]  
2/10/2022 05:24 PM

The beach front area and the low lying area across the road - recreational fields and access to the bush walks

[REDACTED]  
2/10/2022 09:34 PM

The playing field on Dudding Park

[REDACTED]  
2/10/2022 10:30 PM

Foreshore

[REDACTED]  
2/11/2022 07:21 AM

Dudding park seems more affected than LSB.

[REDACTED]  
2/11/2022 09:57 AM

Dudding Park

[REDACTED]  
2/11/2022 10:04 AM

The little shoal bay area has always been prone to flooding (remembered this clearly from when I was a kid) but would say the most affected is the stream and field

[REDACTED]  
2/11/2022 10:15 AM

The foreshore, the stream and neighbouring fields.

[REDACTED]  
2/11/2022 12:22 PM

The foreshore and grassy area next to it.

[REDACTED]  
2/11/2022 12:31 PM

The playing fields

[REDACTED]  
2/11/2022 03:31 PM

Dudding Reserve - save our local cricket pitch!

[REDACTED]  
2/11/2022 04:05 PM

playing fields? but the area should be designed to weather such events - mangroves, salt marshes, flood plains etc.

[REDACTED]  
2/11/2022 08:02 PM

Dudding Park. But while climate change is a worry, the water inundation at dudding park doesn't worry me - change is ok. It's a sports field now but not so long ago my father in law used to sail up the creek, and a friend used to pick up a mattress from the dump and float out as far as possible until it sank. Hopefully whatever happens some (maybe not the same) recreational opportunities will be possible.

[REDACTED]  
2/13/2022 12:03 PM

Playing field, trees and bowling club

[REDACTED]  
2/14/2022 01:03 PM

The raupo beds are dying as are the grasses

[REDACTED]  
2/14/2022 01:07 PM

The sports fields and flat grass areas.

[REDACTED]  
2/14/2022 01:13 PM

watercourses, low-lying fields

[REDACTED]  
2/14/2022 02:30 PM

The low lying areas of the field on the Onewa Rd side of the road.

[REDACTED]  
2/14/2022 10:13 PM

The foreshore and the creek.

[REDACTED]  
2/15/2022 10:06 AM

The lovely green space for picnics, games etc and the superb views over the harbour to the bridge

[REDACTED]  
2/15/2022 11:56 AM

Flat areas eg fields

[REDACTED]  
2/15/2022 12:13 PM

The foreshore area and active recreation areas / grass

[REDACTED]  
2/15/2022 01:20 PM

Cricket grounds

[REDACTED]  
2/15/2022 02:07 PM

All of it, because of the way it is set out

[REDACTED]  
2/15/2022 02:16 PM

Only the playing field as everything else including the boat yard are largely unaffected by these events.

[REDACTED]  
2/15/2022 02:58 PM

Boat area and the roadway

[REDACTED]  
2/15/2022 06:38 PM

Boat ramp

[REDACTED]  
2/16/2022 08:55 AM

Playing fields

[REDACTED]  
2/16/2022 10:46 AM

The playing fields being compromised by the influx of water from the Bay which could be helped by maintaining the outflow flap which has since been removed. That or a Berm constructed beside the Creek to contain the King Tides.

[REDACTED]  
2/16/2022 02:42 PM

The grassed area used for community sports, ( like cricket and childrens play activity on the same side as the tennis courts). The increased sea water coming up the stream floods parts of the park, the carpark and at times the Bowling club. The park grass often goes brown from the salt water.

[REDACTED]  
2/16/2022 04:56 PM

The field behind the road and the road giving access to the bowling club. IN my view the Bowling club needs to consider to relocate as its current location is becoming untenable due to climate change.

[REDACTED]  
2/16/2022 05:54 PM

When high or king tides come in via the under water drain it can't cope with the volume

[REDACTED]  
2/16/2022 08:39 PM

The field by the bush with a cricket pitch on it

[REDACTED]  
2/16/2022 09:11 PM

Dudding Park

[REDACTED]  
2/17/2022 08:22 AM

The playing fields

[REDACTED]

Bowling club and the parking area around it

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2/17/2022 10:52 AM



The sports field

2/17/2022 11:39 AM



The sports field is currently subsiding and turning into a mangrove swamp. Look at aerial photos from years gone by, and you will see the changes over time due to inaction by Council. This could have been prevented had Council not removed the flood gate and other measures protecting the field.

2/17/2022 11:44 AM



Foreshore and playing fields

2/17/2022 12:45 PM



The playing field on Dudding Park. They are slowly subsiding due to the continual flooding which is caused by the missing tidal 'gate' and 'flap' in the two channels connecting the freshwater to the sea. Climate change induced sea level rise is not the cause of this problem. Dudding Park needs to be raised back to its original height, and a low bank built around the outside. This will make the field more usable. Currently the land slopes towards the water on the North and West borders. Ball sports are difficult as the balls tend to roll into the water. A low bank would help prevent this. The tidal flap in the pipe under Maritime Terrace, and the tidal gate under the road bridge in the reserve need to be re-instated to reduce the amount sea water flowing back into the reserve at high tide.

2/17/2022 01:20 PM



From witnessing several storm/flooding events it would appear that the foreshore is the least impacted and quickly recovers post such events. It is the rest of the reserve that would appear to be negatively impacted, hence the future plan must incorporate all of the reserve, but also what impact any plan would have on neighbouring privately owned facilities such as the bowling club.

2/17/2022 03:13 PM



The sports fields

2/17/2022 03:38 PM



Recreation area across the road from the beach

2/17/2022 06:13 PM



Recreational facilities,

2/17/2022 07:40 PM

[REDACTED]  
2/17/2022 10:16 PM

Dudding Park & Northcote Bowling Club

[REDACTED]  
2/18/2022 11:14 AM

the recreation area for local dog exercise, cricket, bowling , petanque.

[REDACTED]  
2/18/2022 11:21 AM

Playing fields are being damaged by saltwater ingress. They need to be raised or protected from seawater.

[REDACTED]  
2/18/2022 02:46 PM

Dudding Park and the Bowling Club

[REDACTED]  
2/18/2022 04:10 PM

The cricket field ,Bowling greens and parking

[REDACTED]  
2/18/2022 06:31 PM

Salt water inundation of the grassed area probably has the most long term affect however this is a natural process and should not be prevented - instead of grass lets have a salt marsh. If the road washes away all the better.

[REDACTED]  
2/18/2022 06:36 PM

The bay, as sediment from the boat maintenance area washes in to the sensitive inner harbour. The field, as it is very low lying.

[REDACTED]  
2/18/2022 09:24 PM

Area on field leading to bridge to Le Roys bush

[REDACTED]  
2/19/2022 09:57 AM

cricket field floods killing the grass due to salt ingress runoff from enterprise Street mechanics shop into the stream in leeroys bush

[REDACTED]  
2/19/2022 09:59 AM

The playing fields and the area in general

[REDACTED]  
2/19/2022 10:50 AM

Unsure

[REDACTED]  
2/19/2022 01:31 PM

The playing fields which are heavily utilized by the wider community.

[REDACTED]  
2/19/2022 05:29 PM

The wetland

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[REDACTED]  
2/20/2022 09:42 AM

The coastal edge

[REDACTED]  
2/20/2022 12:05 PM

Near the cricket field

[REDACTED]  
2/20/2022 01:21 PM

Little Shoal Bay is a highly treasured, heavily used, and irreplaceable community asset. With increasing population density in and around the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. I strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of "retreat" or naturalisation

[REDACTED]  
2/20/2022 02:04 PM

The fields and the bowling club

[REDACTED]  
2/20/2022 05:20 PM

Playing fields

[REDACTED]  
2/21/2022 01:29 PM

Our bowling green and Dudding Park.

[REDACTED]  
2/21/2022 02:48 PM

Dudding Park, the car park and Northcote Bowling Club

[REDACTED]  
2/23/2022 12:53 PM

Mostly it would seem that it is tidal flooding of the playing fields in Dudding Reserve. I would have thought that this could be controlled to a large degree through the use of tidal gates or similar at the road crossing much like used in the Onepoto Domain?

[REDACTED]  
2/24/2022 09:51 AM

The sports field appears to suffer most at the moment, both from heavy rainfall and incursion of saltwater.

[REDACTED]  
2/24/2022 03:51 PM

Really? All of it. Wetlands (fresh water fish), park area, playing fields...

[REDACTED]  
2/25/2022 11:12 AM

The playing fields and the the road between Maritime Terrace and Council Terrace

██████████  
2/26/2022 07:07 AM

Playing fields

██████████  
2/26/2022 11:32 AM

All of it. It's the only beach in the area so we really need to be swimmable: it's awfully sad it's not currently and in fact it's contaminated. It's time for the boat facilities just for the very few people who can afford it, to go. The beach should be for the people. There are so few boats actually there and it's ruining it for everyone.

██████████  
2/26/2022 11:51 AM

Dudding reserve, the wetlands area and access to Le Roys Bush, the grassed foreshore and the boatyard area. (See below)

██████████  
2/26/2022 09:27 PM

Foreshore

██████████  
2/26/2022 11:36 PM

The grounds by Le Roy's bush / the marshes

██████████  
2/27/2022 08:03 AM

The bowling club

██████████  
2/27/2022 08:04 AM

The lower areas of Le Roys Bush and surrounds of the playing field havd been ruined since the council modified the bridge over the stream, meaning the fields are flooded every high tide and killing 1000's of native trees planted by volunteers.

██████████  
2/27/2022 09:17 AM

The playing fields and road access appear to be most affected.

██████████  
2/27/2022 10:52 AM

the grass area behind the foreshore retaining

██████████  
2/27/2022 11:51 AM

The water intrudes up stream frequently blocking the stream's flow back into the bay. This of course affects the fields but the sport field should be a lower priority to the environment and health and safety of the water.

██████████  
2/27/2022 03:28 PM

The flat near Le Roy's bush



[REDACTED]  
2/27/2022 04:22 PM

I don't know

[REDACTED]  
2/27/2022 08:11 PM

The water quality , the cricket pitch and the bowling club

[REDACTED]  
2/27/2022 08:40 PM

Cricket field and foreshore

[REDACTED]  
2/27/2022 09:00 PM

Currently Dudding Park at the back seems to be the most affected.

[REDACTED]  
2/27/2022 09:31 PM

Sports field and access to le Roy's bush

[REDACTED]  
2/28/2022 12:20 AM

Parking and boat area

[REDACTED]  
2/28/2022 08:54 AM

Fields

[REDACTED]  
2/28/2022 10:22 AM

Two things - beach and the large playing field. The grass is receding and the Puhutukawa is looking unhealthy from the high salt water levels. The field need to be earthworked so that it is above flood levels. Sand on the beach is diminishing and water ponding near the entrance of the boat ramp.

[REDACTED]  
2/28/2022 12:16 PM

The back field

[REDACTED]  
2/28/2022 03:26 PM

the plying field

[REDACTED]  
3/01/2022 04:43 PM

The playing field and the Bowling Club/carpark area.

[REDACTED]  
3/01/2022 10:09 PM

fresh water estuary and Dudding park

[REDACTED]  
3/02/2022 12:54 PM

Fields

[REDACTED]  
3/02/2022 02:03 PM

Playing fields

[REDACTED]  
3/02/2022 02:31 PM

Flooding is not that bad

[REDACTED]  
3/02/2022 02:39 PM

Car park, sports field, access to Le Roys bush at the bridge

[REDACTED]  
3/02/2022 07:04 PM

All area inland from road.

[REDACTED]  
3/02/2022 08:12 PM

Dudding park and bowling club

[REDACTED]  
3/02/2022 08:19 PM

Shoreline

[REDACTED]  
3/02/2022 09:31 PM

Don't know

[REDACTED]  
3/02/2022 09:37 PM

the cricket field & foreshore

[REDACTED]  
3/02/2022 11:07 PM

Foreshore

[REDACTED]  
3/03/2022 06:20 AM

Cricket fields

[REDACTED]  
3/03/2022 06:34 AM

The green space for cricket gets boggy

[REDACTED]  
3/03/2022 07:30 AM








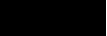

foreshore

[REDACTED]  
3/03/2022 10:43 AM

Dudding park and bowling green

[REDACTED]  
3/03/2022 11:21 AM

The playing field and boat area

 3/03/2022 12:07 PM	The playing field and foreshore
 3/03/2022 12:25 PM	The sports field on the northern side of Maritime Terrace
 3/03/2022 12:37 PM	Loss of beach.
 3/03/2022 02:27 PM	None
 3/03/2022 03:52 PM	On a very few occasions there is flooding - king tides for example. There are effective ways of dealing with this without reducing the present community use.
 3/03/2022 03:52 PM	The sports fields and access to Le Roys Bush
 3/03/2022 05:58 PM	road
 3/03/2022 07:40 PM	Beach area
 3/03/2022 08:24 PM	The grounds to the north of the road
 3/04/2022 09:37 AM	The park over the road being flooded.
 3/04/2022 09:37 AM	natural environment, estuary, playing fields
 3/04/2022 09:53 AM	The marshlands and the obstruction of the once clear flowing streams which now prevents the natural outflow from the catchment areas and the flooding of the sports fields.
	Walking, picnic and play areas

3/04/2022 12:19 PM

[REDACTED]

Dudding Park

3/04/2022 01:03 PM

[REDACTED]

Unsure as we always keep away after flooding events

3/04/2022 01:18 PM

[REDACTED]

The playing fields and car park.

3/04/2022 02:07 PM

[REDACTED]

the grass tends to turn swampy in the winter.

3/04/2022 04:13 PM

[REDACTED]

Stream and fields

3/04/2022 06:13 PM

[REDACTED]

The wetland and cricket field

3/04/2022 07:28 PM

[REDACTED]

The freshwater area and the foreshore

3/04/2022 08:16 PM

[REDACTED]

Playing fields

3/04/2022 08:53 PM

[REDACTED]

The estuary, protected fish spawning sites and endangered species are at risk and affected and need to maintained/protected!

3/04/2022 09:08 PM

[REDACTED]

The field

3/05/2022 08:06 AM

[REDACTED]

The field and bowling club and boatyard. The boatyard note so as it's polluted.

3/05/2022 08:35 AM

[REDACTED]

Part of the reserve near the cricket pitch

3/05/2022 12:51 PM

[REDACTED]

Water quality. We won't swim after a storm.

3/05/2022 02:29 PM

[REDACTED]  
3/05/2022 02:51 PM

Dudding Reserve

[REDACTED]  
3/05/2022 04:18 PM

Wetland and field

[REDACTED]  
3/05/2022 06:18 PM

Cricket field, but I don't think that is more important than the rest of the environment

[REDACTED]  
3/05/2022 07:40 PM

The cricket field and the coast

[REDACTED]  
3/05/2022 08:36 PM

field

[REDACTED]  
3/05/2022 08:43 PM

Cricket grounds

[REDACTED]  
3/06/2022 12:04 PM

The main large sports field and the immediately surrounding natural area

[REDACTED]  
3/06/2022 04:43 PM

The cricket ground which is slowly losing its area.

[REDACTED]  
3/06/2022 06:51 PM

Flooding of fields and carpark.

[REDACTED]  
3/06/2022 07:24 PM

The foreshore and dudding park playing fields.

[REDACTED]  
3/06/2022 07:45 PM

Field and car park area

[REDACTED]  
3/06/2022 08:00 PM

Fields

[REDACTED]  
3/07/2022 09:16 AM

Recreation area

[REDACTED]

The playing fields and bowling club/carpark area

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3/07/2022 10:10 AM

[REDACTED]

The cricket pitch and carpark

3/07/2022 10:22 AM

[REDACTED]

Recreation Playing fields. Boat Maintenance area.

3/07/2022 01:21 PM

[REDACTED]

Park

3/07/2022 02:12 PM

[REDACTED]

Foreshore, stream from le roys.

3/07/2022 02:14 PM

[REDACTED]

The playing field.

3/07/2022 02:26 PM

[REDACTED]

Dudding Reserve.

3/07/2022 03:33 PM

[REDACTED]

Dudding Reserve and the area around it.

3/07/2022 04:16 PM

[REDACTED]

Cricket field.

3/07/2022 04:39 PM

[REDACTED]

The fields are but this is because of current construction of man made pipes allowing water through

3/07/2022 04:52 PM

[REDACTED]

Playing fields

3/07/2022 05:02 PM

[REDACTED]

Those that are most low-lying. The interface of fresh and salt.

3/07/2022 05:08 PM

[REDACTED]

the playing fields especially the one with the cricket wicket.

3/07/2022 05:12 PM

[REDACTED]

Bowling club, playing fields and safe access to bush walks

3/07/2022 05:18 PM

[REDACTED]  
3/07/2022 05:22 PM

Storm surges are natural (albeit that the climate change is human induced) and this was a bay. I don't think you can stop the ocean in a sustainable or affordable way.

[REDACTED]  
3/07/2022 09:56 PM

Estuary area and western edge of playing fields.

[REDACTED]  
3/07/2022 09:59 PM

Flat areas near the bush.

[REDACTED]  
3/08/2022 08:51 AM

With increased intrusion and flooding, the entire area is affected. However, the impact is greatest to the foreshore and it's sad to see the ongoing impact to the playing field/cricket pitch.

[REDACTED]  
3/08/2022 09:05 AM

Mainly the playing fields but also the bowling club - generally all it is impacted. Stream quality.

[REDACTED]  
3/08/2022 12:06 PM

The sports field has been inundated a few times in 20 years. The removal of the controlled seawater drainage pipes by the council has greatly increased seawater intrusion.

[REDACTED]  
3/08/2022 01:18 PM

The large field, and foreshore erosion

[REDACTED]  
3/08/2022 05:02 PM

Duddings park playfield. Water stream culvert, bridge

[REDACTED]  
3/08/2022 11:36 PM

the fields, bowling club, coast line when heavy rains result in pollution in the bay and no-swim alerts

[REDACTED]  
3/09/2022 04:20 PM

The playing fields

[REDACTED]  
3/09/2022 04:47 PM

The entire reserve.

[REDACTED]  
3/09/2022 05:00 PM

The sports field and the carpark to the bowling area

[REDACTED] The cricket ground , access too the bowling club and access to Le Roy's bush  
3/09/2022 06:42 PM

[REDACTED] the lowest areas!  
3/09/2022 08:00 PM

[REDACTED] The stream and natural habitat  
3/10/2022 09:11 AM

[REDACTED] None at all if the council maintained it properly  
3/10/2022 11:21 AM

[REDACTED] The Dudding sports field and Le Roys bush wet areas mainly to the west. Plus the Bowling Club turf.  
3/10/2022 12:49 PM

[REDACTED] the fields, but there is a solution  
3/10/2022 02:44 PM

[REDACTED] Dudding Park suffer inundation and flooding in wet months.  
3/10/2022 02:54 PM

[REDACTED] The part with the cricket pitch as it consistently floods and destroys the grass. The fresh water wildlife also constantly gets disrupted  
3/10/2022 09:26 PM

[REDACTED] The field  
3/10/2022 10:25 PM

[REDACTED] Palying feilds and the silting in the bay itself  
3/11/2022 01:30 PM

[REDACTED] VERY LITTLE. I have been there in king tides and ONLY Dudding Park is affected. And it is only the part of Dudding Park right near the stream. You could address this by focusing on that area near the stream and putting a better bridge and walkway in to connect the Le Roys Bush track to the road on the other side of Dudding Park.  
3/11/2022 02:15 PM

[REDACTED] the Cricket grounds  
3/11/2022 02:54 PM

[REDACTED] Foreshore and sports ground

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3/11/2022 03:36 PM

[REDACTED]

Playing fields

3/11/2022 06:40 PM

[REDACTED]

The fields

3/11/2022 07:39 PM

[REDACTED]

Back fields

3/11/2022 09:36 PM

[REDACTED]

The cricket pitch boundaries often look flooded

3/12/2022 09:13 AM

[REDACTED]

Road and effects on natural habitat

3/12/2022 12:06 PM

[REDACTED]

The playing fields.

3/12/2022 01:11 PM

[REDACTED]

The area is in danger of being a fetid unsightly area. The natural filtration from the wetland will not be able to perform. It is being overwhelmed.

3/12/2022 03:25 PM

[REDACTED]

All areas up to at least the 2m contour

3/12/2022 04:43 PM

[REDACTED]

the cricket fields

3/12/2022 04:46 PM

[REDACTED]

All.

3/12/2022 10:08 PM

[REDACTED]

The big reserve area over the road from the foreshore.

3/13/2022 01:38 PM

[REDACTED]

The playing fields

3/13/2022 07:36 PM

[REDACTED]

I don't see any issue with the reserve being a floodplain. I think the key asset to protect is the road/cycleway which may need to become

3/13/2022 09:10 PM

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a bridge in the future.

[REDACTED]  
3/13/2022 10:07 PM

The sports field, as it is slowly sinking and eroding where the saltwater intrusion is getting in to the reclaimed areas of the field. This can be seen in the salt tolerant plants replacing grass.

[REDACTED]  
3/13/2022 10:53 PM

Pollution and contaminants entering water ways / atmosphere from the boat maintenance area

[REDACTED]  
3/14/2022 09:29 AM

The creek side of the park partially floods when extreme inclement weather conditions coincided with a high tide . But the area quickly recovers and even in these events enjoyed by locals.

[REDACTED]  
3/14/2022 10:02 AM

the playing fields and foreshore area

[REDACTED]  
3/14/2022 10:30 AM

the western side of the playing fields and the border of the stream

[REDACTED]  
3/14/2022 12:34 PM

The field in between Le Roy bush and the bay.

[REDACTED]  
3/14/2022 02:08 PM

The cricket ground

[REDACTED]  
3/14/2022 03:38 PM

The low lying parts of the playing field

[REDACTED]  
3/14/2022 05:48 PM

Playing field

[REDACTED]  
3/14/2022 06:22 PM

The Field over near le roys bush.

[REDACTED]  
3/14/2022 09:05 PM

The whole of the foreshore I suppose, depending how bad it is. I think the field is boggy already. I understand salt water may intrude on mangrove part spoiling the freshwater ecology.

[REDACTED]  
3/14/2022 09:28 PM

Definitely the playing field which has just been left to flooding and rising tides - the salt water now killing most of the grass. There are

times when access to the walkway is flooded. It is very sad to see as this park was always well kept. Where are our rates going?

[REDACTED]  
3/14/2022 09:36 PM

Playing field

[REDACTED]  
3/14/2022 09:50 PM

The sports field, the bowling club to the east and the wetlands to the west. I presume the road is probably being undermined as well.

[REDACTED]  
3/14/2022 09:52 PM

The grassland/sports area is badly affected by flooding and increasingly so in recent months. The wetland area to the west of the parkland has also been affected and the vegetation there has been changing.

[REDACTED]  
3/15/2022 08:57 AM

Dudding park and Rodds Island. The flooding of Dudding Park where the grass is turning into sludge that is actually quite dangerous to walk on where if you are wearing shoes - traps a lot of mud and other debris onto the soles which then gets walked onto the broadwalks. Rodds island - seems to be sinking or least is becoming silted as the plants on that island are dying which I think is a real shame.

[REDACTED]  
3/15/2022 12:29 PM

The Maritime Terrace end - both sides of the road and the swamp

[REDACTED]  
3/15/2022 01:33 PM

the cricket pitch area

[REDACTED]  
3/15/2022 02:10 PM

Playing fields. Bowling Club

[REDACTED]  
3/15/2022 02:33 PM

Sports field

[REDACTED]  
3/15/2022 04:13 PM

The grass reserve area

[REDACTED]  
3/15/2022 05:08 PM

The sports field - already lifted walking track, poor stormwater into the bush area couple with non use of the tidal gate, road floods on spring tide

[REDACTED]  
3/15/2022 06:44 PM

fields

[REDACTED]  
3/15/2022 07:09 PM

Dudding cricket field

[REDACTED]  
3/15/2022 07:57 PM

The bowling club. Playing fields. Wetlands.

[REDACTED]  
3/15/2022 08:08 PM

Dudding Park, Carpark @bowling club, the whole shoreline, BBQ area, at some stage even the playground

[REDACTED]  
3/15/2022 08:49 PM

Dudding Park experiences flooding during spring tides and storms.

[REDACTED]  
3/15/2022 09:17 PM

The cricket pitch and the foreshore

[REDACTED]  
3/15/2022 09:50 PM

Dudding park and the bowling club

[REDACTED]  
3/15/2022 09:59 PM

Landward side of maritime the park

[REDACTED]  
3/15/2022 10:33 PM

The boatyard is unaffected by flooding, it's been happening on king tides much longer than I've used the facilities.

[REDACTED]  
3/15/2022 10:34 PM

Transition zone between the wetlands and tidal stream.

[REDACTED]  
3/15/2022 10:54 PM

Loss if playing field and loss of the small beach

[REDACTED]  
3/15/2022 10:56 PM

The playing fields and flooding around the bowling club has been very noticeable.

[REDACTED]  
3/15/2022 11:17 PM

Those shown in the flooding maps

[REDACTED]

The low lying playing field in Dudding Park and the boat haulage

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3/15/2022 11:19 PM

area.

[REDACTED]  
3/16/2022 12:12 AM

I am most concerned about the saltwater destroying much of the plant life in the immediate vicinity and the subsequent destruction of the ecosystem. But secondary to that, I worry for the boat maintenance area, it has a long history and a small yet fierce community of spirited people who represent many of our country's qualities. They are loving people, dreamers and adventurous people.

[REDACTED]  
3/16/2022 12:32 AM

The lower wetlands and a large area of the sports fields are often inundated by salt water during high tides and storms. The grass on the fields is dying and the lower wetlands have been negatively impacted by the salt water intrusion.

[REDACTED]  
3/16/2022 01:53 AM

Playing fields and the beach

[REDACTED]  
3/16/2022 07:57 AM

Foreshore, playing fields, car park

[REDACTED]  
3/16/2022 09:42 AM

The large park area that is flooded everytime a king tide hits

[REDACTED]  
3/16/2022 11:58 AM

Foreshore; road access and parking; fields

[REDACTED]  
3/16/2022 12:00 PM

Stream and grass area in front of Le Roy's Bush

[REDACTED]  
3/16/2022 12:02 PM

The playing fields

[REDACTED]  
3/16/2022 12:58 PM

Car park and boat yard and field

[REDACTED]  
3/16/2022 02:54 PM

The boat storage area. Car Park. Some parts of the field. Really we don't need those parts a field. Its hardly ever used. A smaller area of field would be ok for the type of use it gets.

[REDACTED]  
3/16/2022 03:44 PM

playing fields are frequently flooded. Also swamp/wetland is inundated by salt water

[REDACTED]  
3/16/2022 04:21 PM

This is not a well worded question. It is possible to give a level of protection to the playing fields without damaging the mangrove.

[REDACTED]  
3/16/2022 04:35 PM

Beach area, stream and fields.

[REDACTED]  
3/16/2022 04:44 PM

Dudding Park is being severely affected by seawater ingress which is killing both grass and trees around the perimeter of the park. This is due to a previously existing tide gate having been removed some time ago. This and other measures designed to mitigate tidal ingress, as proposed by the Little Shoal Bay Renewal Action Group in 2020 need to be implemented.

[REDACTED]  
3/16/2022 05:11 PM

Main part of the cricket pitch/playing field,carpark at bowling club and the club itself,

[REDACTED]  
3/16/2022 05:17 PM

The through road and foreshore

[REDACTED]  
3/16/2022 05:40 PM

Dudding Park, rods island and bowling club - close on the coastal reserve will be increasing at risk. the biggest loss in the longer term will be the freshwater wetlands. It's a scandal that they have been allowed to deteriorate.

[REDACTED]  
3/16/2022 05:43 PM

Le Roy Bush side of the reserve with the flooding, both for the sporting/cricket facilities, and accessing the walkway bridge at that point. Although accessibility to the walkway further along by the Bowling Club in our experience is usually still fine. The waterway to hold the excess water flow needs immediate upgrading to improve the flow of the higher tides (which I assume outside of natural environmental impacts out of our control, are being contributed to/influenced by other areas of the Auckland Harbour being dredged/retained/beach area improvements). Perhaps the thinning of mangroves/rapo would aid the dispersement of waterflow and facilitate improved merging of fresh and sea waters. The beach is what it is, the area is like a mudflat, and with more sand would make it aesthetically pleasing like an east coast beach, however, I don't see it being any more useable than it currently is with swimmers, paddle boards, boaters, and paddlers. Maintaining the sea wall is obviously important for erosion.

[REDACTED]  
3/16/2022 05:55 PM

the playing fields are most affected by flooding. Big storm events will increase this as a catchment area.

[REDACTED]  
3/16/2022 05:56 PM

All areas of the bay are affected, except the children's play area, the outdoor gym and the tennis court.

[REDACTED]  
3/16/2022 06:14 PM

Refer attachment

[REDACTED]  
3/16/2022 07:56 PM

Dudding Reserve and the Bowling Club are worst affected but that said Dudding is mainly used for cricket and that's in summer when it's not a problem. The Bowling club is used pretty much all year round and has been inundated often at a King Tide. Be good to be able to protect that asset and it seems that some urgent short term solutions are needed.

[REDACTED]  
3/16/2022 07:57 PM

The sports field

[REDACTED]  
3/16/2022 08:31 PM

Playing field

[REDACTED]  
3/16/2022 08:51 PM

We have lived along the coastline of Little Shoal Bay for 30 years. While the park is occasionally flooded - usually on the northern side of the cricket pitch and VERY occasionally across the road- it returns to normal fairly quickly. The flooding is fairly contained. We do not understand why such focus has been put on this one area when Council has so many bigger climate change issues to address.

[REDACTED]  
3/16/2022 09:25 PM

Loss recreational area for future generations to enjoy Council investment in areas that is not local community focused Increased through traffic

[REDACTED]  
3/16/2022 09:44 PM

The western side of the cricket field and around the bowling club

[REDACTED]  
3/16/2022 10:23 PM

Around the stream and the parts of the playing field which get covered in flooding areas.

[REDACTED]  
3/16/2022 10:29 PM

The wetland and sports park.

[REDACTED]  
3/16/2022 11:25 PM

Little Shoal Bay has flooded for the known history of the Bay. I don't believe this is an issue at all.

[REDACTED]  
3/16/2022 11:30 PM

The playing fields and freshwater wetland which are inundated with sea water. This also backs up into the carpark by Bowling club stopping access to the club. This is mainly due to flood protection scheme becoming ineffective with the removal of the tidal flap and tidal gate.

[REDACTED]  
3/17/2022 12:17 PM

The green field

**Optional question** (326 response(s), 69 skipped)

**Question type:** Essay Question

**Q9 Is there anything else about Wai Manawa/Little Shoal Bay you think we should consider when preparing a shoreline adaptation plan?**

[REDACTED]  
1/26/2022 10:39 AM

It is one of the few open green spaces in the area which I place a high value on.

[REDACTED]  
1/26/2022 05:33 PM

The longevity and use of the hall - it feels under utilised and probably not up to spec anyway. To have greater toilet and shower facilities would be beneficial in its place

[REDACTED]  
1/27/2022 11:50 AM

Critical to the environment in LSB is well maintained boats. If the maintenance area is removed, the Council will remove the opportunity for boat maintenance and conditions will worsen. Further, LSB has a role in boat maintenance outside the immediate area. Therefore, before any decision is made regarding the boat maintenance area, the Council must consider what alternative locations boat owners have to maintain the boats. If alternative boat maintenance options are available, nearby, and at a similar price point, then the need to retain the boat area in LSB is significantly diminished - but the Council must go through this process first. Boating is also not a "rich mans sport" – many of the boats in LSB cost less than a new set of golf clubs. By removing the boat maintenance area, which is vital for Auckland boating, the Council will be cutting off opportunities for future



generations to experience boating, or have an affordable way to own a boat.

[REDACTED]  
1/27/2022 10:28 PM

Boat maintenance there is disgusting. With such strict laws elsewhere it seems crazy to just allow cleaning etc right next to where people swim and play. It really detracts from the whole area. Also I have never seen someone use the boat ramp. It would be great if we could make the water more use able. Currently it seems incredible shallow and a bit dirty. Could be such a great space

[REDACTED]  
1/27/2022 10:41 PM

complete removal of the mangroves, better boat ramps, pontoon for the kids in the bay, open the boat yard during summer as an alternative carpark due to increased visitors

[REDACTED]  
1/28/2022 04:47 AM

I believe the boat yard area should be moved or somehow cleaned up. It's dirty, there is often leaching of chemicals, petrol etc. I have no issue with boat launching - more the storage and maintenance areas.

[REDACTED]  
1/28/2022 09:14 AM

Get rid of the boatyard. It's messy, highly polluting, takes up massive amount of space for a small number of people that could be used by many more. Extend the grass and parking area. Remove the moorings which just attract derelict unsafe polluting rotten boats and clean the place up.

[REDACTED]  
1/28/2022 10:05 AM

Yes. The boat maintenance area is awful. It pollutes the area and is absolute eye sore on one of New Zealand or Auckland most iconic view shafts. There is often left over materials from the maintenance left all year. The park and play area get so busy, esp in summer this would be so much better as extended park, or more shoreline or just about anything else.

[REDACTED]  
1/29/2022 08:30 AM

Keep the boatyard. The Little Shoal Bay Boatyard Inc (I am a member, but am responding in a private capacity) would be happy to work with Council to upgrade and improve the facility.

[REDACTED]  
1/29/2022 08:51 PM

Any chance of making the beach area nicer , for swimming and water activities

[REDACTED]  
1/30/2022 11:47 AM

How will other areas in the Bay be impacted e.g. will the picnic and playground areas slowly be eroded in terms of usage? Understand

how sea level changes will impact the contaminated areas of the Bay (and beyond) and what can be done to minimise this impact. How can popular aspects such as picnics and BBQ's be enhanced e.g. more large tree planting.

  
2/01/2022 09:01 AM

It is essential we maintain and improve the recreational facilities in the bay, because these are already well used and as the city densifies further, gardens get smaller or are built over, they will become an essential service to the community. At the same time, the park offers us the opportunity to include valuable fresh water and brackish wetland in the area currently suffering from saline intrusion. Council studies have already shown that a fresh water wetland would greatly enhance the birdlife in the area and form a connection between the Waitakere Ranges and the offshore island reserves.

  
2/01/2022 11:31 AM

I've had a look the Tonkin and Taylor soil test report for the area. The old tar pits, coal depot and boat yard seem to have caused some contamination but as a life-long paddler at little shoal bay I can anecdotally confirm no negative health effects. It is good to see that the report states, on more than one occasion that: "There were no exceedances of the NESCS for recreational or commercial/industrial criteria." Good to see that my efforts to keep my boat clean are well within the boat club's recreational criteria. But it could be better! There are still high levels of copper and lead from the antifoul paint in the soil which a good layer of concrete could easily contain and stop from getting into the soil at all! The soil test in the boat yard which, IMO needs the most attention, is at the yard's access ramp(Sample A2 HA04). This is the point where it appears run-off from the yard flows towards and exits the yard to the bay. A sump or soak pit here would most likely solve this issue. From what I read in the report; it might just turn out that the boat maintenance site is only now usable as a boat maintenance site as the contamination may render it useless for any other purpose! Quote from the Ministry of the Environment - methodology-for-deriving-standards-for-contaminants-in-soil "If high copper concentrations are encountered on a site, the risk assessor will need to consider whether this could affect the use to which a site could be put. " The history of coal, tar, boat paint and all the urban run-off from the south side of Onewa Rd, highbury and Hinemoa st to Le-Roys bush then out to Little Shoal Bay make restoring the foreshore to pristine rock pools for bathing infants difficult and expensive... Improving what we already have is the best way forwards and Little Shoal Bay is already a great place as a recreational park, mooring zone and boat cleaning spot Little Shoal Bay wont need much work to improve and it'll keep everyone happy.

[REDACTED]

2/01/2022 02:24 PM

The boat handstand is of huge importance to the local boating community, and is a critical asset to keep boating accessible and affordable to families. Very few boaties can afford the RNZYS life style and expense. Little Shoal Bay has a long history of boat building and has been home to many world class sailors, this needs to be remembered and honoured in its ongoing future as mooring area and hard stand.

[REDACTED]

2/01/2022 04:28 PM

Being flexible in the use of the space. As long as the facilities are retained in some form then the future make up of the reserve can still meet community needs

[REDACTED]

2/01/2022 05:55 PM

Less organised space, more nature. Less chemicals & segregated areas, more plants, fish & birds.

[REDACTED]

2/02/2022 09:48 AM

I am concerned about the stagnant water that gets trapped under the bridge across the culvert. I do not believe that the boatyard should be able to remain, due to it being a source of pollution and the fact that it monopolizes a large area for the whole year, as even when the boats are not on the land it is unsightly and not conducive to use by the wider community. Ideally I would like a plan to safeguard and enhance the natural environment and protect the human activities that are enjoyed in the area, e.g. cricket, bowls. I am hoping that the plan could accommodate both.

[REDACTED]

2/02/2022 08:47 PM

No

[REDACTED]

2/02/2022 09:51 PM

Making the area more accessible for small boat owners. Boat storage for locals possibly.

[REDACTED]

2/02/2022 11:33 PM

Get rid of the boats. The practices down there are shoddy at best with lots of waste and run off polluting the local area. It's an eyesore and the space could be much better utilised for recreation

[REDACTED]

2/02/2022 11:34 PM

As aforementioned regarding upgrade to haul out and boating/water sports facilities.

[REDACTED]

2/03/2022 07:12 AM

Its important that it maintains its public use aspect and that includes all users as well as the boat haul out area. There is plenty of room for everyone down there. The haul out yard could be seasonal like

Devonport yacht club so that all boats are back in the water by end of November and not able to haul again until end of March.

[REDACTED]  
2/03/2022 09:24 AM

The possibility of multiple likely existing contamination/ pollution issues being 'not dealt with' in this process

[REDACTED]  
2/03/2022 04:26 PM

Don't just go with the loudest yelling sector

[REDACTED]  
2/04/2022 05:52 PM

There is a wier in the natural river that is not stopping any flooding but stops natural flow of water in and out of the estuary this should be removed to improve the environment.

[REDACTED]  
2/05/2022 04:06 PM

I strongly feel that the boatyard needs to go. It takes nearly half of the shoreline and totally denies any other use of it's area even during the summer when the boats are away. The yard have no pollution controls in place and in the last few years there have only been a dozen boats on the yard and most of these are not local owners.

[REDACTED]  
2/07/2022 08:00 AM

No boat storage here on the foreshore. Once upon a time this sort of thing was ok, but we're past that now, and shouldn't allow a small number of people the ability to store their things on a public beach. Secondly we should stop insisting that the cricket pitch has any right in this environment to be there. It will continue to be flooded, it often can't be mowed, and it is a relic of the olden days when we thought we could just convert wetlands to "useful land" with no consequences.

[REDACTED]  
2/07/2022 08:33 AM


Get rid of the wrecks and boats that sit on shore for most of the year and leave a mess for the other half. Go to a boat yard like the rest of the yachts, this should not be a highly subsidised/free place to dump old boats. There is nothing quaint or interesting about the boat yard, they are not old classics being worked on by skilled shipwrights, they are fibreglass hulks that have their anti foul paint and repairs done on council public land and leave an eyesore and a mess.

[REDACTED]  
2/07/2022 12:59 PM


Prevention is far better than cure, so anything that can reduce climate change should be prioritised first. On our current trajectories, we can expect 0.3-1.2m sea level rise by 2100, and continuing after that. It may not be possible to prevent the area from flooding and inundation long term.

[https://en.wikipedia.org/wiki/Sea\\_level\\_rise#:~:text=In%202019%2C%20a%20study%20projected,and%2011%20cm%20by%202100.](https://en.wikipedia.org/wiki/Sea_level_rise#:~:text=In%202019%2C%20a%20study%20projected,and%2011%20cm%20by%202100.) To

some extent, I am in favour of privatising climate change risk. That is, sell publicly owned property in coastal areas and replace them by buying other land that will require less costly maintenance and protection in the coming decades. If the council made this decision, it would also help illustrate how critical the climate change issue is, and might nudge people towards taking in more seriously... However, in the case of Kai Manawa, the area seems so special that I am not sure, but perhaps it is worth considering.

  
2/07/2022 03:32 PM


Build a shoreline dike and a one-way tide gate below the road bridge to prevent tidal surge ingress.

  
2/07/2022 09:44 PM


The field and the wetland is being destroyed by seawater coming in. We want to stop the damage to the Reserve caused by sea water inundation by putting the tidal flap back on the Primary Pipe and putting the flood gate back on the Bypass Channel. We also want to protect LSB for future generations and keep the road connecting Maritime Tce to Council Tce as a feeder road. Years ago the board had the money to sand the beach, (then was taken and never done). Please build a groyne and sand the beach so the public can use it.

  
2/07/2022 10:11 PM

Re purpose the old boat maintenance area as a skatepark, it's not harmful on environment etc and it will make good use of the area. This could be raised a bit so flooding is not an issue.

  
2/08/2022 09:47 AM

I don't understand why some locals have it in for the boat maintenance area, while little is done to clear collapsing and decaying boats from the bay itself.

  
2/08/2022 10:14 AM

In order to stop Salt Water inundation reinstate the Tidal Flap on the Primary Pipe & put the Flood Gate back on the Bypass Channel. If the Council wish to keep the road connecting Council Terrace to Maritime Terrace as a feeder road they will need to prevent Salt Water inundation occurring. This will also enhance the quality of the freshwater wetland.

  
2/09/2022 09:13 PM

I don't think we should keep the boat storage area, other than a place for dinghies. The vast majority of boat owners manage to store and maintain their boats without hijacking public land to turn it into a boatyard. There are perhaps a couple of dozen families in all of Auckland enjoying enormously discounted storage and shipyard facilities on a public foreshore to the detriment of the rest of the

public. They are mostly ugly, poorly maintained and they monopolise space, ruin views, produce unwanted noise from power tools and pollution from maintenance activities. I've worked as a professional mariner for 15 years and I can assure you there is no traditional boatbuilding going on. They are predominantly fibreglass and no different to any other boats in Auckland.

[REDACTED]  
2/09/2022 09:53 PM

Dudding Park and the cricket wicket are essential for helping us deliver cricket to the Kaipatiki area. This will help our club grow, retain players and keep kids and adults active through a love for cricket. Without this field our Juniors teams have to travel to Greenhithe to play 'home' games which is very disappointing for our loyal club members.

[REDACTED]  
2/09/2022 09:55 PM

Swimming and safe play areas

[REDACTED]  
2/09/2022 10:22 PM

Get rid of the boat storage

[REDACTED]  
2/09/2022 10:37 PM

How will maritime terrace road for cars connecting between northcote and Birkenhead kept safe from rising sea levels and climate change? What does that look like in 50 years? Or even sooner.

[REDACTED]  
2/09/2022 11:13 PM

Please consider whether the boat yard is polluting the environment. Please also consider whether those boats are actually being used - I have lived in the area for 10years and I don't think I've ever seen a boat be sailed. Please consider additional lighting and toilet facilities. And please ensure any changes don't impact the amazing views of the harbour.

[REDACTED]  
2/10/2022 05:28 AM

Allow sea level rise to play out - the sports field is used so rarely there is no benefit trying to raise it up. The boat yard is an area of contamination and is an eyesore. For so long it has reduced public access and enjoyment of a lovely quiet inner city beach. There are many other options for these boat owners to store their boats. The boats that are here are showing their age and in questionable sea worthy condition- are the owners even maintaining them sufficiently?

[REDACTED]  
2/10/2022 06:20 AM

Little shoal bay used to be full of pipi and fish. Our tangata whenua fed their families from this place. It makes me feel ashamed everytime I look over at that boat yard and think about how we've swapped a

healthy, ecologically diverse, naturally protective environment for a pretty barren expanse. All so a handful of rich people have somewhere cheap to store boats and play rugby.

2/10/2022 06:27 AM

People would use bay more if the foreshore was made better for swimming. Unsure if bringing sand in is an option but at the moment no one swims there and that's a lost opportunity for community

2/10/2022 07:56 AM

Get rid of the boating storage have just a boat ramp similar to Birkenhead no moorings or storage.

2/10/2022 08:39 AM

A sandy foreshore so it is a safe and pleasant place to swim at high tide. Sorting out the poor flow that leads to the stream STINKING as water gets trapped by the bridge.

2/10/2022 11:05 AM

Aesthetics of any structure adjacent shoreline

2/10/2022 12:40 PM

I think the boatyard could be considered for a multi use space. In the winter this space is well used by the boatyard. It is a space for the community to come together over an interesting recreational pursuit. It is an invaluable resource for the boating community in the City of Sails. The council needs to provide for this community as much as any other. In summer however the space could be used for some other use. Maybe an overflow carpark as the carpark as it now is not sufficient. The council needs to coordinate with the boatyard to come up with a solution. Allowing the boatyard a longer lease so it can invest in the site and work with the council to make it look more attractive.

2/10/2022 02:39 PM

Please consult with all stakeholders including recreational boaters

2/10/2022 03:37 PM

Removing the winter boat maintenance area and restoring this to a natural state

2/10/2022 03:55 PM

The cultural value of the boatyard. How it enhances the look of the bay and enhances social connectedness.

2/10/2022 03:55 PM

Remove the boats and the maintenance hardstand

2/10/2022 05:09 PM

[REDACTED]

2/10/2022 05:24 PM

Please consider the impact that the boat yard has on the natural environment and the recreation facilities of the whole area for all Aucklanders - the unsightly boats and boat yard equipment takes up valuable space and is available for a privileged few - get rid of the boat yard and boat wrecks! What an eyesore for visitors and tourists and local people!

[REDACTED]

2/10/2022 10:30 PM

Better playing fields

[REDACTED]

2/11/2022 07:21 AM

Yes, consult Kyle Aitken. He is local to the community and regularly provides evidence based research to the community flood alert page on Facebook. He added the groyne and locals are very happy with the resulting change.

[REDACTED]

2/11/2022 09:57 AM

The boat maintenance area needs to be removed. It removes a large portion of a public asset and provides it to a very small group. Even when boats aren't there the area is unusable. It is also degrades the natural environment which is completely at odds with what the council should be doing.

[REDACTED]

2/11/2022 10:04 AM

Little Shoal Bay is used by so many different groups. It is an important that this is kept safe from an environmental point of view but also as a space for the community to use

[REDACTED]

2/11/2022 10:15 AM

Prevention of erosion. Protection of water from pollution. Protection of native fauna and animals (ie mangrove planting, eels). Clear and defined areas for people to access and enjoy the water.

[REDACTED]

2/11/2022 12:31 PM

Yes the flood gates need to be put back as a priority to protect this great place

[REDACTED]

2/11/2022 03:31 PM

This is an important access road for Birkenhead Point. Our quality of life would be significantly degraded if the road were to shut or flood regularly.

[REDACTED]

2/11/2022 04:05 PM

I would love to see the plan focus on enhancing fresh water quality and habitat, and the estuarine/saltwater habitat - for birds, fish, etc.



[REDACTED]

2/11/2022 08:02 PM

The poor water quality is a serious issue. It's negatively affecting recreation, and harming people's health. The shoreline plan needs to be aligned with improvements in neighboring infrastructure, otherwise it will have limited effectiveness. It would also be useful to understand the number of people that benefit from the boat haul out yard. It seriously reduces the use of the bay by what I would imagine is a clear majority, and even when they remove boats in summer the boat area is unattractive and therefore unused - and this summer there is no access anyway due to fencing. Alternative options such as Northcote point boat yard, that don't reduce the enjoyment and access of the majority i think is preferable.

[REDACTED]

2/14/2022 01:03 PM

Please don't condemn it to be a mangrove swamp with the resulting loss of flora and fauna and water life

[REDACTED]

2/14/2022 01:13 PM

polluting activities

[REDACTED]

2/14/2022 02:30 PM

Keeping the road is essential Reinstating the tidal gate under the road bridge is essential Is it worth depositing soil onto the reserve to raise the level of it?

[REDACTED]

2/14/2022 08:43 PM

Extend a sea wall out along the stream to further retain sand + dig a trench out from smaller stream between needles eye reserve and hinemoa st

[REDACTED]

2/14/2022 10:13 PM

It's historic use over the years

[REDACTED]

2/15/2022 10:06 AM

It has a large excellent children's playground suitable for all weather and ages, and the more adult gym area with equipment. Many people have picnics there and enjoy a swim or paddle. It's one of the most scenic spots in Akld! It is a very well used road between Birkenhead and Northcote - and especially at rush hours, when Onewa Rd is very choked with traffic and traffic flows are heavily reduced. We need to keep as many cars as possible off Onewa road (and reduce carbon emissions due to traffic jams) by maintaining the Little Shoal Bay through road.

[REDACTED]

2/15/2022 11:56 AM

Restore the tidal flap system that was protection from salt water flooding

[REDACTED]  
2/15/2022 12:13 PM

It would be so good to see the original variety of flora and fauna returning, with some spaces with benches etc. to sit and enjoy the space.

[REDACTED]  
2/15/2022 01:20 PM

PLEASE REMOVE THE UNSIGHTLY AND DANGEROUS BOAT DRY AREA.

[REDACTED]  
2/15/2022 02:07 PM

Sea and water flow

[REDACTED]  
2/15/2022 02:16 PM

I would like to see a conservation of existing usage including the beach, moorings and boat yard as these aspects have a traditional value and add a range of character to LSBay. Whilst there has always been a healthy mix of boating, swimming and other recreation in the Bay, I think an all year use of the boatyard for maintenance would be an improvement as over the summer the boatyard is not utilised. In fact over the winter when it is used, it has always added a point of interest and enjoyed by many local residents.

[REDACTED]  
2/15/2022 02:58 PM

Public wheeled and pedestrian access through the area needs to be maintained

[REDACTED]  
2/16/2022 08:55 AM

The road is a very well used route to avoid Onewa Road traffic. I know it wouldn't be popular to reduce traffic coming through here - particularly commuter traffic - but I think there might also be some support too.

[REDACTED]  
2/16/2022 10:46 AM

Make the area people friendly.

[REDACTED]  
2/16/2022 02:42 PM

Maintaining access for everyone through LSB via Maritime , Council and Rodney Roads. Walking and vehicular. Reinstating and maintaining the flood protection scheme- the seawall, the tidal flap drainage pipe under Maritime Terrace and the tidal gate. These were all designed to allow fresh water out but stop seawater flowing back into the LSB area. Retaining all parking areas that are currently there and maintaining the same ( from potholes etc)

[REDACTED]  
2/16/2022 03:35 PM

The road between the Points from Council Terrace and Maritime Terrace needs to remain - this is imperative! In addition the

carparking needs to retain.

██████████  
2/16/2022 04:56 PM

Would love that the number 1 priority is the preservation of the ecology in the bay and the ability to be able to walk from the bay to Le Roy's bush walkway. I also believe the playground needs to be kept and as much of the foreshore for recreational purposes for families to hold picnics and swimming.

██████████  
2/16/2022 05:54 PM

The area is widely used by the community. I think activities should not be impacted. I think the mooring of the boats should go. Most are rusting and are an eye sore. The area where the boats are on land should be for the benefit of the community. At the moment it's only benefitting the boat club and should be removed

██████████  
2/16/2022 08:39 PM

Add another tennis court or add a volley ball court

██████████  
2/16/2022 09:11 PM

For a small geographical area it gives so much to the surrounding community. Its amenity values are so strong both naturally and by the activities that go on there and the views. Everything about the bay needs to be preserved and future proofed.

██████████  
2/17/2022 08:22 AM

Allowing vehicle access between the points that isn't onewa rd

██████████  
2/17/2022 10:52 AM

Bowling club be given more attention and things should be done to stop flooding the area during high tide

██████████  
2/17/2022 11:39 AM

The park is such a valuable asset to the community, regularly filled with people enjoying the company of their friends and family. I would like to see the foreshore and grass protected so generations to come can enjoy it.

██████████  
2/17/2022 11:44 AM

The LSB Boatowners Association are pushing hard to retain their haul-out yard "facility". In my view, their activity is not only environmentally damaging to the Bay, they are also effectively - and unfairly - monopolising a large section of the foreshore area to the exclusion of all others. It is not a fair use of that public land to provide such a large area for a such small number of people, who have the privilege - and responsibility - of owning a boat. There are plenty of other facilities around Auckland that are properly setup and managed

that they are able to use. These are largely commercial facilities - and they will cry poor - but costs come with boat ownership. There has been a history of poor maintenance practices which have undoubtedly polluted the yard area, and with inundation it's now being carried into the water. As a side note, I believe that they have stated they have the funds to be able to improve their "facility" but haven't done so due to the current lease tenure. They have also said that boat maintenance elsewhere is unaffordable. Those two statements seem at odds to me.

[REDACTED]

2/17/2022 12:45 PM

Little Shoal Bay is a highly popular, well-patronised gem, a set of lungs and greenery in the middle of the city, looking back at the harbour bridge and the CBD. Not only does a city need such spots, it is important to preserve them for future generations and not just let them wither or be changed in a way the community cannot enjoy it.

[REDACTED]

2/17/2022 01:20 PM

There are very few public flat play areas in the Birkenhead Point, Northcote and Northcote Point suburbs. There are very few public artificial cricket wickets for children. The cricket wicket is heavily used.

[REDACTED]

2/17/2022 03:13 PM

From reading the information provided to date there appears to be significant focus on the Western side of the reserve and the associated freshwater element. There would appear to be little thought given to the eastern side of the reserve, which in itself has contributed to the issues at hand. With the extensive development above the Eastern side through the continuous runoff this has resulted in a pooling of sediment and silt which means instead of water moving into the raupo grass area it is being redirected to other low lying areas such as the carpark and the playing field including the bowling club.

[REDACTED]

2/17/2022 03:38 PM

We would love the beach to be re sanded. Like it was before the bridge was built

[REDACTED]

2/17/2022 06:13 PM

Little Shoal Bay is a really important part of our community and a treasure so close to the centre of Auckland. It is very well used and needs to be a space that is protected. With increasing population density in and around the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. I strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of "retreat" or naturalisation."

[REDACTED]  
2/17/2022 07:40 PM

Take into account this is a highly used local facility by people, the beach access is unique for our community as the Northcote beaches were given to the motorway and this is the local beach great for small kids. it is a joy for all generations to use.

[REDACTED]  
2/17/2022 10:16 PM

Restoration of the gates to prevent sea water inundation

[REDACTED]  
2/18/2022 11:14 AM

Yes. Replace the tidal control gates that controlled the tidal surge under most circumstances.

[REDACTED]  
2/18/2022 11:21 AM

The road through Little Shoal Bay needs to be retained and maintained as it is a valuable transport route between Birkenhead and Northcote and reduces congestion on Onewa road.

[REDACTED]  
2/18/2022 02:46 PM

The Tidal Flap and the Tidal Gate should never have been taken away. The result has been devastating as sea water flows over the park at high tides and combined with rain causes flooding at the bowling club.

[REDACTED]  
2/18/2022 06:31 PM

Please do not over develop the area. It has a unique character that is in part due to the traditional usage (boat haulage) and the natural environment. Sea level rise will occur this will create new habitat for wildlife. Doing nothing might be the best option.

[REDACTED]  
2/18/2022 06:36 PM

Contamination from the boat maintenance area and Boat Owners Association activities pose an extreme threat to the sustainability of the bay. This is a sensitive ecosystem with native eels and fish in the stream area and Le Roy's Bush, plus a fragile inner harbour. Sedimentation and heavy metal contamination are very destructive in this context. The boat maintenance area imposes negative externalities on all users of the bay while only "benefiting" a small number of people. It is a low value, degrading activity for such a precious area.

[REDACTED]  
2/18/2022 09:24 PM

Access to foreshore must be maintained. Playground must be kept. At least some green field area must be maintained, at least enough for people to meet as it is so widely used.

[REDACTED]  
2/19/2022 09:22 AM

Little Shoal Bay is a highly treasured, heavily used, and irreplaceable community asset. With increasing population density in and around

the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. I strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of "retreat" or naturalisation.

[REDACTED]  
2/19/2022 09:57 AM

parking space

[REDACTED]  
2/19/2022 10:50 AM

Being able to access it for recreation and enjoyment of the environment

[REDACTED]  
2/19/2022 01:31 PM

Remove the seawall and replace with natural sloping sand aspect, preserve the playing fields by the way of mitigation work on erosion, liquification from king tides, sea level rise. Preserve and enhance the wetland area from pollution, run off. Review boat hardstand usage if that is detrimentally affecting soil & water quality. Step up pest control in Le Roys Bush

[REDACTED]  
2/19/2022 05:29 PM

Stop using the wetland as a de facto sewage treatment system.

[REDACTED]  
2/20/2022 02:04 PM

Please reinstate the previous seawater barrier gate to prevent sea water crossing maritime terrace into the fields

[REDACTED]  
2/20/2022 05:20 PM

Need to remove boats that are not maintained i.e. derelict boats

[REDACTED]  
2/21/2022 01:29 PM

Keeping Northcote Bowling Club a freehold property where I and many others have and are enjoying playing there for many years.

[REDACTED]  
2/21/2022 02:48 PM

Northcote Bowling Club is on freehold land and it would be unfortunate to lose parking access.

[REDACTED]  
2/23/2022 12:53 PM

Yep, pretty much leave it alone! It gets massive use by the local community and enjoyed all year around. Why mess with things that are not broken? There are plenty of more pressing issues in our community that Council should be focussed on. I know that Council is obsessed with modelling of future apocalyptic events but sometimes you should keep things in perspective.....our ideas of what is going to happen in the future change like the wind, so dont mess up today in case something might or might not happen in the future.

[REDACTED]

2/24/2022 09:51 AM

I hope full weight will be given to the opinions of tangata whenua.

[REDACTED]

2/24/2022 03:51 PM

To do nothing is foolish. So much can be done by consulting with local groups who live with this problem and have been trying to fix it for decades. We are a strong community and watch in awe as Auckland Council dictates unintelligent solutions to us.

[REDACTED]

2/25/2022 11:12 AM

As I mentioned above, we have lived in Birkenhead for 45 years, and have seen Little Shoal Bay transform from a run-down area with a run down motel, to now a beautiful, well-used and much loved park. Little Shoal Bay is a highly treasured, heavily used, and irreplaceable community asset. With increasing population density in and around the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. We strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of retreat and naturalisation, and deciding not doing anything to stop seawater flooding the playing fields and wetlands.

[REDACTED]

2/25/2022 11:18 AM

"Little Shoal Bay is a highly treasured, heavily used, and irreplaceable community asset. With increasing population density in and around the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. I strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of "retreat" or naturalisation."

[REDACTED]

2/25/2022 02:10 PM

This area has a long history as a boat building and maintenance area, and as part of Aucklands connection to the water this link should be maintained.. It serves a valuable role as a low cost but accessible facilities that enables boaties on a tighter budget to maintain access to the water, to keep our boats clean and free from marine pests and allow continued enjoyment of the Auckland Harbour and wider gulf.

[REDACTED]

2/26/2022 11:32 AM

Better beach, more sand, fixed wall, boats gone.

[REDACTED]


2/26/2022 11:51 AM

Would love to see the SEM area enhanced by reducing tidal flat scouring caused by wave refraction bouncing off hard concrete walls. A naturally indented beach with a grassed park together with mounds would be wonderful for both the public and the environment. The bay

is too small to cater for large yachts and launches on cradles.  
Returning the whole of the foreshore back to the whole community is long overdue.

  
2/26/2022 11:36 PM


Making the beach more useable at low tide ie digging it out for all day swimming and protecting the sand. People don't use the beach much due to the boat yards and low tides

  
2/27/2022 08:04 AM


The moored boats and boats on the hardstand area add to the character of the area. Auckland is a maritime city and craft have been hauled out and stored on the shoreline for hundreds of years and should continue.

  
2/27/2022 09:17 AM

The people are a priority. We need to have outdoor spaces like this now and for the future generations as it helps physical and mental health of our community. Increasing population in our area need these valuable spaces to be active and relax locally. Yes climate change will effect the sea levels and flooding but solutions should be made to accomodate that. A solution that allows both people and nature to co-exist needs to be found. We need more car parking, more shade trees, better toilet faciilites on the seaside.

  
2/27/2022 10:52 AM

the grassy area to the west of the stream is under utilised.

  
2/27/2022 11:51 AM

I'd love to see the space be made accessible and appropriate for swimming. This part of Auckland is underserved by beaches and as a launch for dinghies. Creating a swimming beach here with a seawall to protect from flooding and a beach built up with sand would be create a lot of community value. The boat maintenance area serves relatively few people compared to the people who use Little Shoal Bay. The contributed pollution and loss of space because of the boat maintenance space means that it should be completely removed.

  
2/27/2022 03:28 PM

Please please please get rid of the boats on the land.... It looks terrible, it takes up space that people could enjoy and it ruins the entire area - it is an embarrassment to our community. It's time to make the change

  
2/27/2022 04:22 PM

Build a sea wall, remove the boat yard and make it a beach to swim at, something the lower shore can be proud of



[REDACTED]  
2/27/2022 08:11 PM

Protect it

[REDACTED]  
2/27/2022 09:00 PM

Yes - the people! Our community is made up of PEOPLE - from ALL over Auckland who come to Little Shoal Bay for all of its recreational space and facilities: for viewing the harbour bridge and the city (day and night) for fresh air and meditation, for exercise, for playing with their family, for meeting friends, for celebrations, for picnics, for dog walking, for tennis, cricket, bowling, football, basketball, kite flying - the list is LONG. I understand there are a number of solutions being proposed (including one where the entire area is turned into mangroves) but I CANNOT believe that any consideration is being given to taking away the recreational facilities. Auckland is growing and we are running out of recreational space and facilities everywhere - it is madness to think that this is not the number one priority when making any decision about the future of the Little Shoal Bay. It would appear that a decision to save and enhance the bay largely as it currently is is the most simple, cost-effective and people-friendly option. Please retain and enhance recreational space and facilities.

[REDACTED]  
2/27/2022 09:31 PM

Making the beach swimmable such as pt chevalier and the central eastern beaches

[REDACTED]  
2/28/2022 12:20 AM

Please don't remove the playground, park, and courts.

[REDACTED]  
2/28/2022 08:54 AM

Get rid of the boat maintenance yard - valuable land that benefits very few throughout the year.

[REDACTED]  
2/28/2022 10:22 AM

protecting the natural environment is important. Attracting native wild life to the area would be beneficial.

[REDACTED]  
2/28/2022 03:26 PM

My understanding was there was a system in place which helped keep the water from flowing onto the park which was removed by council some years ago - we need to investigate the options to help in this area

[REDACTED]  
2/28/2022 11:17 PM

The flood flaps and flood gates were removed, what is the updated version of these water barriers? Are these being considered ? There has to be a way of addressing the environmental damage vs. the

damage that will be inflicted on the local community if LSB as we know it today is lost.

[REDACTED]  
3/01/2022 04:43 PM

This area is in need of maintenance to stop the influx of saltwater at high tides/storm effects. Nobody wants to see the area deteriorate any further. I want this Bay to be there for my grandchildren's children. It has to be protected from weather events and encroachment of mangrove seedlings. There are not many inner harbour recreation areas on the North Shore, we need this one to be preserved it would be a sad loss for the community if it continued to deteriorate.

[REDACTED]  
3/01/2022 10:09 PM

There is a well loved place for families and recreation. It is not just used by locals, there have been many church groups regularly meet over summer.

[REDACTED]  
3/02/2022 12:54 PM

We need this! Do not return to salt marsh- there are so many areas elsewhere like big shoal bay and onepoto basin.

[REDACTED]  
3/02/2022 01:03 PM

I think restoring the natural environment and preparing for rising sea levels in a manner least destructive to the wildlife are most important

[REDACTED]  
3/02/2022 02:03 PM

Should consider more regulation and/or control of boat moorings, many of which have old non-seaworthy boats which are effectively junk, sitting in the bay.

[REDACTED]  
3/02/2022 02:31 PM

Stop the boat maintenance usage. It has / is causing significant pollution of the area. Don't believe me - test the ground - it is now heavily contaminated

[REDACTED]  
3/02/2022 02:39 PM

The road running through little shoal bay could be turned into two cul de sacs. Then the sports field can connect to the playground without traffic running through it.

[REDACTED]  
3/02/2022 07:04 PM

Its importance as a salt water fish spawning and nursery region.

[REDACTED]  
3/02/2022 08:19 PM

The boats never seem to be used but are an eye sore reducing the usefulness of both the water and the shoreline. And they can't be good for the environment either.

[REDACTED]  
3/02/2022 09:31 PM

Please listen to the community and what's important to them

[REDACTED]  
3/02/2022 09:37 PM

This is a place of beauty for people and families to gather and enjoy. It is also a vital link between the Birkenhead and Northcote point communities, in an area that is otherwise ridiculously congested (Onewa Rd)

[REDACTED]  
3/02/2022 11:07 PM

Conserving the recreational area

[REDACTED]  
3/03/2022 06:34 AM

Restoring the flap to stop the flooding And also that families connect at Little Shoal Bay. It's a gathering point which is very important given the last few years

[REDACTED]  
3/03/2022 07:30 AM

yes it needs to be a democratic process where public submissions are made more visual so everybody has the chance to submit

[REDACTED]  
3/03/2022 10:43 AM

The boat storage area is ugly and cuts off a large part of the foreshore from the majority of users of the area. The boats and tractors damage the beach and foreshore when they are taken out of the water. It's likely that the maintenance activities taken place here are damaging to the environment.

[REDACTED]  
3/03/2022 12:07 PM

Any protection plans need to include the continued use of the whole community.

[REDACTED]  
3/03/2022 12:25 PM

Important traffic thoroughfare for locals which alleviates congestion at Highbury and along Onewa Road. Current speed bumps maintain a safe environment for pedestrians, and children in particular.

[REDACTED]  
3/03/2022 12:37 PM

Please consider the amount of people who use the various spaces in this area on a weekly basis. The cricket field is always full of young kids enjoying the sport. Families in the park at LSB was always a special time when our kids were younger and I would hope more your families can enjoy this. I would not object to the removal of the boat yard and having it reverted to beach. The view back to the city from this spot is quite special and bring a lot of families together, not just from the local area to picnic together.

[REDACTED]

3/03/2022 03:52 PM

This is a well used local resource - the local board for example holds Families in the Park there, the Sea Scouts use it, many families use the BBQ facilities for family events, the children's playground is well used. The basketball net is in constant use. Many families take their children there to kayak and paddle board. It is an excellent place to develop safe use of the sea. Northcote Point and Birkenhead Point are both areas of high population and Little Shoal Bay provides one of the best places for recreation for all age groups. Whatever steps are taken to improve the Bay the current size of the reserve and beach area should be retained and all current uses protected. The boatyard is a valuable resource for local people and is well looked after. The access to Le Roys Bush is excellent for local accessible walking. The Dudding reserve offers a very good area for both informal and organised sport - the grass area has reduced in quality in recent years. Any plans for the bay require careful attention to the impact of previous uses - for example the landfill area. Above all this valuable community resource must not be lost by simply allowing it to become a mangrove area. .

[REDACTED]

3/03/2022 03:52 PM

What is the best outcome for the native flora and fauna, and what will make it a more resilient habitat for them. Wetlands are in short supply in Auckland and should be treasured and protected accordingly.

[REDACTED]

3/03/2022 05:58 PM

protection of shorebirds from cats and off leash dogs

[REDACTED]

3/03/2022 07:40 PM

Volume of traffic, need for open spaces that are easily accessible for people

[REDACTED]

3/03/2022 08:24 PM

It is a space that is heavily used and enjoyed by the public. Maintaining this going forward should be high priority for the council. There are very few places in this local community that have the amenity and access to the coast and water that little shoal bay does. Improving the foreshore for removing the boat storage yard would improve the space even more creating greater amenity for more people to enjoy.

[REDACTED]

3/04/2022 09:37 AM

We have lived near Little Shoal Bay for many years and often see families enjoying the facilities. Our children and our grandson enjoy visiting there and hopefully always will be able to.

[REDACTED]  
3/04/2022 09:37 AM

Keep all the open space. Who cares if it floods a few times a year - this is nature! - dont close it all off and destroy it because of this. Do not turn the whole area into a marsh / mangroves

[REDACTED]  
3/04/2022 09:53 AM

Clear the streams to the foreshore, review and simplify the obstructive bridge crossings over the road and allow for the natural salt marshes in the lower reaches of the streams.

[REDACTED]  
3/04/2022 01:03 PM

Naturally beautifying the foreshore and removing the boatyard.

[REDACTED]  
3/04/2022 02:07 PM

Please consider the coastal wetland, fish spawning areas and natural ecology, Mana Whenua Values of this area and creating a natural more sandy foreshore and get rid of the horrible slippery concrete sea wall. Removal of the boat yard.

[REDACTED]  
3/04/2022 07:28 PM

Remove the boat yard and turn it into recreation space.

[REDACTED]  
3/04/2022 09:08 PM

The reserve needs help with flooding in places and upgrading of the reserve and foreshore to a more natural sand shell foreshore. Cutting off the sea will create a toxic biological dead zone and I'm sure no one will want that outcome!

[REDACTED]  
3/05/2022 08:06 AM

The field space for picnics and play is wonderful. Great playground. One of best spots in Auckland to picnic and enjoy the city view.

[REDACTED]  
3/05/2022 08:35 AM

The ecology should be left alone to function naturally. It is very rare to have this range of ecotones across a whole sequence. Also Mana Whenua values should be included in co governance. The foreshore should also be more naturalized with no sea walls as they create wave refraction and scouting out of the marine ecological area. It's also horrible trying to interact with a concrete sea wall when accessing the coast.

[REDACTED]  
3/05/2022 08:45 AM

I believe the plan should look to enhance the area while enhancing the current facilities, green spaces, beach while protecting the environment and stopping inundation

[REDACTED]

Yes, we should be diverting the water in the creek or raising the bank

---

3/05/2022 12:51 PM

area by the creek to ensure no more inundation occurs in the foreseeable future. We need to learn to live with climate change and adapt, not abandon our current amenities. If we were to take the approach that Council suggests, we would be abandoning downtown Auckland right now in anticipation of rising sea levels.

[REDACTED]

3/05/2022 02:29 PM

There is a lot of plastic, tyres, bottles, sponge, and rubbish that washes down from the upper harbour and Collects all along the beach front right through to the northcote wharf. As a local we pick up as much as we can, but filling our bin each week is not possible to keep doing every day. There must be a better way to catch and collect the rubbish.

[REDACTED]

3/05/2022 04:18 PM

Cutting road access across the reserve. Its a reserve, not a road.

[REDACTED]

3/05/2022 04:56 PM

Don't make unnecessary changes

[REDACTED]

3/05/2022 06:18 PM

How we can support the natural environment as the most important feature

[REDACTED]

3/05/2022 07:40 PM

No

[REDACTED]

3/05/2022 08:36 PM

only make changes that add to the bay or as unobtrusive as possible.

[REDACTED]

3/06/2022 12:04 PM

The walking connections between the foreshore area and Le Roys bush are used far more than the sport ground on average. Any compromise to this feature would not be acceptable.

[REDACTED]

3/06/2022 04:43 PM

Take into account the large number of people who get a lot of pleasure out of the entire area. Very well patronised by sports groups, family picnic groups and as a walking and boating hub.

[REDACTED]

3/06/2022 06:51 PM

Improving beach by bringing in sand like has been done at Mission Bay and other beaches around the harbour

[REDACTED]

Any options to protect LSB from coastal erosion etc while preserving

3/06/2022 07:24 PM

the existing recreational facilities should be pursued.

[REDACTED]

Better swimming area

3/06/2022 07:45 PM

[REDACTED]

Boat storage needs to go. Rotting boats, polluting harbour

3/06/2022 08:00 PM

[REDACTED]

Preserve what's there.. Do not let this beautiful recreation space revert to mangrove!

3/07/2022 09:16 AM

[REDACTED]

Please take into account the natural flora and fauna of the area, creating a more usable, sandy beach, connecting pathway to Le Roys bush across the field to take into account flooding events. The addition of a water fountain to enable people to refill their water bottles would be fantastic.

3/07/2022 10:10 AM

[REDACTED]

protecting the natural ecology of the area and the wetland. Removing the boatyard

3/07/2022 10:22 AM

[REDACTED]

It feels like we lose character in this city on a daily basis. Everything is so sanitised and compartmentalized. It is lovely to see the diversification of life and to witness people who have diverse passions and interests other than sport. The Boatyard I had rumoured to be moved out and the area beautified. Those yards add character. How many places of character are left in Auckland?

3/07/2022 01:21 PM

[REDACTED]

It is an amazing asset to Auckland and the community. Has huge potential for improved usage for recreation. The boat launching / boatyards are a waste of space given they take up so much area but only for the benefit of a small group of people

3/07/2022 01:40 PM

[REDACTED]

Move the moorings out further. Most of the boats moored are floating rust buckets that don't appear to be used, and some have come off moorings are basically on land, making it unsafe for children and adults to be able to swim and enjoy the foreshore. Have the boats cleared out! No is using them.

3/07/2022 02:12 PM

[REDACTED]

Please prioritise water quality and the natural environment. Moorings should be prohibited 200m from shore so that there is a nice water

3/07/2022 02:14 PM

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space to swim, etc and old boats should be removed.

██████████  
3/07/2022 02:26 PM

Don't need the boat maintenace area. I visit most weekends (plus during the week) - very few actually using this area for maintaining boats. Would be better used for recreation.

██████████  
3/07/2022 03:33 PM

Dudding Reserve is so often boggy that it is unsuitable for a permanent grassy sport/play area. Restoration as wetland with dry paths would be the best solution to the often messy situation. Preserve the wet area in its entirety and restore as much as possible to indigenous flora only.

██████████  
3/07/2022 04:16 PM

It's a beautiful little area, with fantastic facilities such as the kids playground, the fields where the local community can gather for things like Families in the Park, picnics, walking or running through Le Roys. We need to look at preserving this or enhancing it without it returning to the sea.

██████████  
3/07/2022 04:39 PM

The boat storage area is an environmental hazard and an eyesore.

██████████  
3/07/2022 04:52 PM

There are less and less areas available for families to use and an ever growing population. We simply can't continue to lose lovely family friendly spaces like this.

██████████  
3/07/2022 05:02 PM

Don't take away this much used and loved park and recreation area.

██████████  
3/07/2022 05:08 PM

Mangroves are fantastic. But I apprecaite peoples love of the area for recreational purposes. It would be really cool to use it to enhance peoples knowledge of our natural environment. Great signage, awesome landscape architecture. It's an oppourtunity.

████████████████████  
3/07/2022 05:12 PM

The whole park area is such a valuable asset and has had so much investment in it (well deserved) - all of this needs to be protected please. We have enough mangrove swamp areas (Tufts Crater, Shoal Bay, Soldiers Bay etc), there's no other big green open space close to the ocean in the Northcote/Birkenhead area. You can even swim at high tide at LSB. What happens to Maritime Road and the trunk sewer? That needs to be protected or replaced too - you can't just ignore that.



[REDACTED]  
3/07/2022 05:18 PM

Having not maintained the floodgates and sea wall to take away a Valued community asset to mangroves is a shortsighted tragedy that will affect future generations if you proceed.

[REDACTED]  
3/07/2022 05:22 PM

The road could be a bridge over the bay? Ensure mana whenua views are valued. Many of us are silent and not confident to say anything on this issue. Most residents are not part of the groups who sometimes speak 'on our behalf'. My property abuts this reserve & they do not speak for me. More nature/more green infrastructure and less hard engineering. Remediate all the old & current polluted sites. Ensure fish passage is valued and intact vegetation sequences promoted. Don't fight nature. We built land where there was sea and that's never been a low maintenance thing & won't be in the future. More trees. I love the rain gardens.

[REDACTED]  
3/07/2022 09:56 PM

Contaminated fill under the reserve area.

[REDACTED]  
3/07/2022 09:59 PM

It has a great family and community vibe. Whatever happens should maintain that.

[REDACTED]  
3/08/2022 08:51 AM

Little Shoal Bay (LSB) is a real treasure. It's part of the fabric of the Kaipātiki community and appreciated by so many from across Tāmaki Makaurau. I strongly urge the Council to preserve and improve LSB for the long term. It would be an absolute tragedy and unforgivable indictment if this unique taonga was lost - especially were the Council to adopt a 'retreat' or 'naturalisation' plan. The time to take action is now...

[REDACTED]  
3/08/2022 09:05 AM

I believe the boat yard needs to go, it takes up a large space and the boats are simply polluting the land. There should also be stricter rules around boats allowed to mooring in this area as some are very poorly maintained and a risk to users of the bay. This space should be converted to additional grass or recreational space and provide access to the boat ramp not for launching large boats when this can happen at Birkenhead wharf but make it accessible for small dingys, kayaks, paddleboards etc. Little Shoal Bay is a calm and safe area for families and this is what needs to be protected and maintained. The salt inclusion needs to be addressed and I have heard a number of solutions proposed on how to do this including restalling the tidal flap. Dudding Park is not only a large recreational space, it is the access point to the beautiful walks through Le Roys Bay and a

solution needs to be found to the flooding that damages the grass that simply never recovers making it unusable and unsightly. As higher density housing grows in the area, having large, multi functional spaces that are safe and enjoyable for many will be even more important. It is part of what makes our neighbourhood special so needs to be enhanced and maintained properly.

██████████  
3/08/2022 12:06 PM

It is an essential part of the recreational facilities of residents in this area

██████████  
3/08/2022 05:02 PM

saltwater inundation and via the culvert. Boating club should go, as this is a "boats graveyard" harmful to the environment

██████████  
3/08/2022 11:36 PM

gas works pollution, any industrial waste/silt from Birkenhead flowing through bush waterways to the sea, making the boat yard safe regarding any toxic waste entering the sea. Historically this was a problem, but with modern environmentally friendly products and high level of awareness of environmental issues and careful disposal of waste by those that use the boat yard I would hope this is not the toxic environment it once was. Anything that can be done to help maintain the boatyard long term should be considered.

██████████  
3/09/2022 04:20 PM

Please think of the heritage and people - this is a site that should be utilised and able to be enjoyed by all New Zealanders.

██████████  
3/09/2022 04:47 PM

I'd be devastated if we were unable to use the area for recreational activities. We use the bay all the time as do heaps of other local families, I feel so privileged that we have this on our doorstep and it would be such a shame to lose the use of such an area of natural beauty.

██████████  
3/09/2022 05:00 PM

That it is a much loved recreation area for families and it would be great to keep it that way for future generations to be able to enjoy once the flooding and king tide issues are sorted out.

██████████  
3/09/2022 06:42 PM

Please please don't destroy the bay. People come from all over Auckland to use this area including families, young people children and grandparents

██████████

Removal of a high quality unique public space in the inner harbour

3/09/2022 08:00 PM

area of a modern city would be a tragedy

[REDACTED]

3/10/2022 09:11 AM

Please just protect the natural environment there. Sports, recreation, and boating facilities can go elsewhere, they don't need to be in an important environmental area. This is a rare area of natural habitat and should be protected above all else. Protect the native species that reside there and their habitat, they don't have much else, everything else is mostly destroyed by development.

[REDACTED]

3/10/2022 11:21 AM

How many people use the area for enjoyment

[REDACTED]

3/10/2022 12:49 PM

Ensure that the sports field, picnic areas, bowling club and foreshore continue to exist even if having to increase the height of the land by bringing in soil. These areas are well used by an increasing population. The boat launching, floating moorings and maintenance area is long term tradition of the area and should continue to be there.

[REDACTED]

3/10/2022 02:44 PM

consider how it is really used not an idealistic view of how it could be used, its raw and flexible and has been an important part of the local way of life for 50 years

[REDACTED]

3/10/2022 02:54 PM

Any sea wall / flood prevention should consider the inland areas of the bay.

[REDACTED]

3/10/2022 04:02 PM

As Auckland is facing one of the fastest rates of wetland loss compared to the rest of the country, the wetlands at LSB need to be restored, protected and enhanced to mitigate the impact of future climate change impacts on the area.

[REDACTED]

3/10/2022 09:26 PM

The flooding should be stopped altogether so it won't disrupt the natural habitat and animals

[REDACTED]

3/10/2022 10:25 PM

The foreshore could be better and made more natural with more beach Please leave the wetland area to be natural. Love the increase in eels in the mangroves. The area should be replanted with salt plants rather than being bare.

[REDACTED]

We should return flap system to the culvert bridge so that saltwater

3/11/2022 01:30 PM

does not enter the playing feilds and wetlands and the crabs stop eroding the soil that is ending up in the bay.

3/11/2022 02:15 PM

It is highly valued by the community and we want it to stay. PLEASE PLEASE do not make a plan that goes further than absolutely necessary. Arguably it is perfectly fine the way it is. I agree that the stream area and bridges around it could definitely be improved, so please focus your efforts on that. Don't take away the parks, road or playgrounds, or walking access from Le Roys Bush.

3/11/2022 02:54 PM

get rid of the boat yard and make it more play areas

3/11/2022 03:36 PM

Recommend not adopting a hard engineering solution. Would love and support the council to consider adaptive natural solutions. Hard engineering will just shift the problem down the line and is short sighted. My preference would be to recognise that this is an area which will flood in future years and rather than trying to prevent the flooding through hard engineering, design the use around an acceptance that during floods this area will not be accessible. If hard engineering must be considered, I suggest the upstream impact would be more appropriate to address. Plenty of private residents around Le Roys Bush stormwater flows directly into the creek.

3/11/2022 04:02 PM

It has always seemed unfair to me that the boat stands are located at the western end of the bay which is the most sheltered area for swimming and recreation. The boaties leave their boats for up to 10 months of the year and presumably forget about them and LSB. In the mean time the public only has direct access to about 10 -20 metres of the shoreline. The sea wall is dangerous and slippery the boat dragging 'road' is not recreational or picnic friendly and crates a significant divide between the park and the water. Then every year the boats are dragged across the only area the public has available

3/11/2022 06:40 PM

That is nowhere else easily accessible for the community to gather and play. This is an area with many families and this resource is free .. for gatherings and relaxing.

3/11/2022 07:39 PM

You need to consult locals at a deeper level and not just go ahead with what you consider is best as this is not always the best result DO NOT spoil this lovely area

[REDACTED]  
3/11/2022 09:36 PM

"Little Shoal Bay is a highly treasured, heavily used, and irreplaceable community asset. With increasing population density in and around the area, spaces such as these are of ever-increasing importance to the wellbeing of the community. I strongly urge Auckland Council to preserve and indeed improve the amenity in the bay, and not go down the path of "retreat" or naturalisation."

[REDACTED]  
3/12/2022 09:13 AM

I would like to see things things prioritised for future development. I think this can be done alongside protecting the natural environment 1. Tidying up or removal of the boat area. The boats to add to the vista but there area is dirty, unsightly and especially noticeable when they are not in the water 2. Improvement of the water quality such that the bay is more suitable for swimming. 3. Consideration for improving the grassed area in front of the carpark and softening the impact of carpark with some more planting. The foreshore area is raised above the tide line and some sand there could create a wonderful little beach, even if the bay itself takes longer to achieve safe swimming status. 4. Perhaps a more formal track across the field to link with the bush.

[REDACTED]  
3/12/2022 01:11 PM

The removal of the boatyard.

[REDACTED]  
3/12/2022 03:25 PM

The foreshore can be a beautiful naturalised area connected and considered as a whole across the reserve. Currently it is disjointed with no overall vision. More shade trees, sand and raised shell banks with naturalised planting groups allowing greater access to the coast and swimming. Recognising, honouring and accepting the natural function of the land as a nursery for fish, a filtration system for overland water. We need more of these areas and we should stop the repeated, ultimately failed attempts to thwart the natural balance.

[REDACTED]  
3/12/2022 04:43 PM

1. Any land/whenua which has been exposed to and contains harmful amounts of industrial toxic materials needs to be restored to health. This includes the boat yard area and any other area which has been exposed to similar toxic contamination. 3. Support mangrove plantations by more planting. 4. Consider a walk & cycle pathway connecting Maritime and Council Terraces allowing for a 2m rise in sea level. 5. Remove existing posts, gates and other engineered features which may become underwater hazards allowing for a 2m rise in sea level. 6. Remove existing concrete sea-walls and channels which may cause un-natural tidal swirls and eddies causing excessive scouring. 7. Consider solutions which enable the continued use of all or some of the following:- the sea scouts building, playground, fitness equipment, basket ball and tennis court operations allowing for a 2m

rise in sea level.

3/12/2022 04:46 PM

we need to hold on to this for our community. we use the playground, the exercise area, the water, the bush, the fields! Just needs a clean up and some work on environment so we can continue to use it for generations to come! Such a gorgeous spot to gather and use!

3/12/2022 07:05 PM

I understand it's about balance. Protecting nature but also creating an urban outlet for the community to play and enjoy nature.

3/12/2022 10:08 PM

Don't treat this planning exercise as if it were a paint by numbers exercise. Refer to my accompanying letter attached.

3/13/2022 01:38 PM

To maintain it as it is now — a community asset where people can walk, play, swim, store/repair their boats. I love that this area is like old New Zealand where an ordinary people can work on their ordinary boats as opposed to all the marinas filled with multi-million-dollar craft. We live in a very expensive city and we need places like Little Shoal Bay, just as it is now, to retain our connection with the land/sea.

3/13/2022 07:36 PM

It's in dire need of a nice sandy clean area.

3/13/2022 09:10 PM

I think recreational areas can still exist at the park in the immediate future, but needs to be able to adapt with inundation during storm surge and spring tides. Creating key sandy areas for recreation and swimming will be important.

3/13/2022 10:07 PM

The removal of the boat yard, while it is empty in the summer, it's not usable by the public due to the gravel and boat cradles left there. The paint on boat hulls often have unwanted contaminants that means the area should be considered a contaminated site also.

3/13/2022 10:53 PM

Get rid of the boat maintenance area

3/14/2022 09:29 AM

Any plan should build on the previous Council's work to enhance the passive and recreation activities on the park. The original motel and Caravan park were purchased at a significant cost with public support

to further enhance this area for public. The Motel and Caravan park activities originally started there because of the coastal and reaction activities Little Shoal Bay offered.

[REDACTED]  
3/14/2022 10:02 AM

I would love the existing amenities to remain plus consideration given to improving the sandiness/usability of the beach itself

[REDACTED]  
3/14/2022 10:30 AM

This area has never had the benefit of an overall spatial plan and is a combination of valuable and well-used recreation spaces with ad-hoc parking areas, and a haul-out area with unknown soil pollutants, as well as the contaminated site of the old gas-works. The reclamation of the area in the 1950s and 60s and the building of the road across the bay has resulted in the destruction of previous foreshore features. It seems like the sea wants its beach back! However, with good planning it should be possible to combine sports ground, park, beach and salt marsh/estuary. With growing use and population pressure, it seems the boat maintenance area could be better used for other purposes, if the existing soil pollution can be remediated.

[REDACTED]  
3/14/2022 12:34 PM

No cement wall. We want to keep the beach sand there.

[REDACTED]  
3/14/2022 02:08 PM

I think Little shoal Bay does not need a boat storage yard and a whole lot of boats belonging to people outside the area. We need it to be restored to being a sandy beach that we can all enjoy like Pt Chev Beach. There should be storage facilities for locals so we can leave kayaks dights etc there.

[REDACTED]  
3/14/2022 02:33 PM

This is a design problem which I see some turning into a binary nature vs people conflict. As Sir Peter Blake said, "We are part of nature, not apart from nature." If we wish to make use of our natural environment we must do it in an integrative, compatible way - with conciliation not compromise. That requires a Design Thinking approach.

[REDACTED]  
3/14/2022 03:32 PM

The sportsfield should be raised 1m or more to preserve it as the salt is ruining the northern end. The tennis court, basketball hoop and playground are very well used local assets and also need protection. Restoration of the beachfront is also a priority. The boatyard should be removed because its visual and environmental impact is significant compared to the number of people it benefits. Kyle Aitken's suggestions that all the above can be achieved while also making ecological enhancements should be considered.

[REDACTED]  
3/14/2022 03:38 PM

Put the water gate back, increase the height of the playfield that get salt water flooding, care and cultivate the salt water marsh

[REDACTED]  
3/14/2022 05:48 PM

Opportunity to remediate surge drainage to manage king tides better - rather than return entire area back to mangrove.

[REDACTED]  
3/14/2022 06:22 PM

Be practical and listen to the locals, this is well used and loved park for young and old. Don't let PC politics get in thw way.

[REDACTED]  
3/14/2022 09:05 PM

The CARS travelling through! This is a rat run for Onewa Road to Birkenhead so you have a major and much valued public reserve with a road running right through the middle of it. Most unfortunate. If the Council was serious about climate change they would do things that make people get out of their cars and into buses, bikes, scooters etc. For disabled access there could be a code of some sort like on the Maunga in Devonport now. That would make a difference to climate change - big bold actions are needed now.

[REDACTED]  
3/14/2022 09:27 PM

additional amenity would be provided with a small kiosk for coffee and food.

[REDACTED]  
3/14/2022 09:28 PM

I don't know if many from the council visit Little Shoal Bay on any given day/afternoon - there is always something happening down there, families gathering, people playing - this is something we need to encourage not discourage by letting it all go back into mangroves. The bush walkways are constantly busy with walkers, joggers and families out exploring - we need to encourage active and healthy lives.

[REDACTED]  
3/14/2022 09:36 PM

Please keep the playground and picnic area

[REDACTED]  
3/14/2022 09:50 PM

We are very concerned with the water quality in the stream as it often looks disgusting. We are also concerned about the increasing flooding/salt water encroachment onto the field. We love seeing the eels and are very keen on the idea of developing a fish/bird sanctuary in the Bay, as long as the current field, playgrounds, beach and tracks are maintained somehow. I know there has been some comparison with Soldiers Bay - but that is not a good comparison as there are no recreational facilities there - it's not the sort of place that



you go to with a picnic or for a game of cricket or frisbee.

[REDACTED]  
3/14/2022 09:52 PM

I and my family would be devastated if we were to lose our sports field and our playground. This is a hugely important amenity for the whole of the Northcote/Birkenhead community and beyond. At the same time, we would like to see the water quality improved, particularly of the stream, which has been foul and unappealing ever since we have been here. If the foreshore could revert to a sandy beach and estuary that too would be wonderful, but we would not want that to be at the expense of the recreational facilities. .

[REDACTED]  
3/15/2022 08:57 AM

I think the current amenities we have at Little Shoal Bay should be maintained and improved upon. There is an increasing population in the area, especially around Northcote with the housing development close to the shopping centre - being able to retain and enhance such lovely inner city areas that can be balanced with the environment - such as providing a habitat for the eels and fish in the creek that runs along the back of Dudding Park, walking paths, sporting and recreational areas, where people within the area can walk to should be a consideration for a progressive plan where such areas should be deemed a treasure or gem. So we need to ensure such places are around for years to come for our future generations.

[REDACTED]  
3/15/2022 12:29 PM

The boat yard is not just bad from an environmental perspective but it also attracts some bad behaviour

[REDACTED]  
3/15/2022 01:33 PM

enhancing the shoreline to allow for a larger beach/sand area

[REDACTED]  
3/15/2022 02:10 PM

It's a wonderful community resource which should be retained for community leisure and recreation purposes. It's also a really important road link between Birkenhead Point and Northcote Point. If the road through Little Shoal Bay was removed, it would lead to massive traffic congestion through the Highbury shopping centre. In my view, this would be a disaster. I hope that the Council balances the need to protect/enhance the natural environment of Little Shoal Bay with the huge value this area provides to the local rate payers. I'm sure with the appropriate management plan and Council commitment, both can be accommodated.

[REDACTED]  
3/15/2022 02:33 PM

Don't underestimate how important Little Shoal Bay is for community culture. The playground and recreation areas are highly valued by the community.

[REDACTED]  
3/15/2022 04:13 PM

- REINSTATE THE TIDAL FLAP AND TIDAL GATE TO ENSURE THAT THE LSB FLOOD PROTECTION SCHEME CAN OPERATE AS IT WAS INTENDED TO. - GET RID OF THE BOATS (BOTH MAINTENANCE AND MOORING). - BUILD UP THE SEA WALL IF NECESSARY - ENHANCE RECREATIONAL AREAS / ACTIVITIES; E.G. MORE BBQs, BEACH VOLLEYBALL COURTS ETC

[REDACTED]  
3/15/2022 05:08 PM

Remove boats & boat storage - absolute eyesore, not sea worthy and pollutions from toxic materials over many years, make into picnic/family space. Clean up needles eye Bay Area - all storm water drains into corner.

[REDACTED]  
3/15/2022 06:44 PM

I AM MOST WORRIED ABOUT THE CONTINUATION OF THE BOAT MAINTENANCE AREA (AND THE BOAT MOORINGS WITHIN LSB). THESE ACTIVITIES SHOULD NO LONGER BE ALLOWED TO CONTINUE GIVEN THEIR ADVERSE IMPACT ON THE ENVIRONMENT. THIS IS AN AREA WHERE FAMILIES AND CHILDREN CONGRUGATE WHICK MAKES IT INAPPROPRIATE TO CONTINUE WITH BOAT MAINTENANCE AND MOORING

[REDACTED]  
3/15/2022 07:09 PM

There is a huge amount of community use

[REDACTED]  
3/15/2022 07:57 PM

In my opinion I think road access must remain available. The alternative route would be commuting on Onewa Road. Onewa Road is already heavily congested and the Little Shoal Bay road helps to ease this congestion.

[REDACTED]  
3/15/2022 08:08 PM

Keeping the wetlands with its natural habitat (protect eels and also other fish which sporn in the mangroves) ,enhancing the reserve area maybe a build up so it is protected from future floodings and storms surges, Dudding Park so recreation (cricket etc )can still be played (elevate ??),still being able to do swimming,fishing and kajaking in a safe way. Making sure there is a connection from Northcote Point to Birkenhead through the Bay.

[REDACTED]  
3/15/2022 09:13 PM

Protecting the area would be easy given the topography of the Bay - I understand this has been costed and is supported by the Local Board. And it would be so much cheaper than naturalising the Bay once all of the actual costs from different departments of Council are taken into account. The priority should be the people. Protecting the

parks and recreation facilities in a growing city for the benefit of people all over Auckland.

[REDACTED]  
3/15/2022 09:17 PM

I strongly disagree with any proposal which seeks to cut off any access between Northcote Point and Birkenhead point or to eliminate the area as a park. If any proposal of this nature is made to let the water rise, Waka Kotahi should be required to construct a bridge to allow access to continue.

[REDACTED]  
3/15/2022 09:50 PM

Remove dudding park from the register of sports fields and return it to open space so that the area can adapt to climate change and the recreational uses will adapt with that change

[REDACTED]  
3/15/2022 09:59 PM

Retain and enhance the amenity for communities to continue to utilise

[REDACTED]  
3/15/2022 10:06 PM

Remember its not all about the natural environment. The Council would be stupid to loose the playground and public amenity and turn this into a wet land. the community will be up in arms.

[REDACTED]  
3/15/2022 10:07 PM

The boat yard needs to remain to keep multihull boat ownership within the means of an average boatie. The multihulls that are often hauled out at the yard are extremely expensive to haul out at commercial facilities due to the width. The yard is a good use of space that gets temporary inundated by king tides and could be protected from erosion by concreting the yard and joining onto the existing seawall. Concreting the yard would also allow the yard to manage their stormwater runoff and provide additional carparking for busy summer times.

[REDACTED]  
3/15/2022 10:33 PM

Enhanced boat handling facilities would be good. A washdown pad with catchpits would stop boats adding to the pollution already present in the dumped soil that filled the bay in.

[REDACTED]  
3/15/2022 10:34 PM

A small extension of the wetlands into the often sodden western side of the sports grounds with a raised pathway/border to contain. This would give year round direct access to the bush walks up the valley and better control effluent and silt evident after heavy rain.

[REDACTED]  
3/15/2022 10:54 PM

Traffic flow The road is used as a cut through

[REDACTED]  
3/15/2022 10:56 PM

Increasing housing density in nearby suburbs requires that Little Shoal Bay must be preserved, that is the foreshore reserve, the childrens playground, playing fields, bowling club and access to Leyroys Bush. The pressure on Auckland reserves will continue to increase over the coming years, with the growth of housing density in nearby suburbs.

[REDACTED]  
3/15/2022 11:17 PM

Although outside the reserve a related issue is that the cliffs in Willow Bay are being undercut by tidal erosion putting archaeological sites and ecological reserves at risk. See other comments below. - I would like to see more shade trees planted around the bay.

[REDACTED]  
3/15/2022 11:19 PM

More trees for shade. More natural planting . In the future replace the tired static playground equipment with more natural play spaces incorporating climbing structures, pathways through rushes/grasses, stoney areas that can gather water when it rains, a dinghy to sit in; a place where small children can play imaginatively. Put up decent signage that people can't ignore stating dogs on leash in Le Roys Bush.

[REDACTED]  
3/16/2022 12:12 AM

I think I have given my thoughts already in my previous answers.

[REDACTED]  
3/16/2022 12:32 AM

I would like to see the plan identify ways to protect the freshwater wetlands and fields from salt water intrusion. I am concerned about potential sea level rise and erosion of several contaminated sites, which could result in contaminants escaping into the Waitemata Harbour. I would like to see remedial work carried out to clean up the boat storage area, and ideally landscape (plant trees and grass over this area) to extend the public space available for picnics etc. The movement of boats to and from the boat storage area is very damaging along the full length of the area above the sea wall, and negatively affects the look of the area and its amenity for other users.

[REDACTED]  
3/16/2022 07:57 AM

Communities need space to meet and relax, and LSB meets this need (particularly because it also has a great view, as well as space to spread out, and easy access for cars/mobility impaired to car park).

[REDACTED]  
3/16/2022 09:42 AM

We do not have many parks living in Northcote/Birkenhead point area therefore as rate payers we should be able to utilise our park for

recreational activities whilst mitigating destruction, including putting an end to boat storage/maintenance area and allowing rotting boats to inhabit our foreshore.

[REDACTED]  
3/16/2022 11:58 AM

Consider how other countries have adapted to rising sea levels and flooding (eg The Netherlands); learn from them and adapt foreshore to cope for benefit of all.

[REDACTED]  
3/16/2022 12:00 PM

Maintaining it as a community area. Keeping playground and field areas for public use. The boat areas are used minimally by few.

[REDACTED]  
3/16/2022 02:54 PM

It's value to the wider Hauraki gulf marine environment.

[REDACTED]  
3/16/2022 03:44 PM

It is a well-used area for a variety of active sports activities as well as a common venue for walking, relaxing, and kids playing.

[REDACTED]  
3/16/2022 04:21 PM

Yes, people's mental health as well as physical health. People want to be able to swim and paddle and picnic, and spend time outside with friends and family in a safe and beautiful place. Co-existence can be managed.

[REDACTED]  
3/16/2022 04:35 PM

Protecting natural environment

[REDACTED]  
3/16/2022 04:44 PM

Salt water inundation is not only damaging the grass and trees in the park itself, it is also undermining and destabilising the ground. It is also killing native plants in the freshwater environment in the seaward end of Le Roys bush. Historically, the park was reclaimed by using fill including concrete, metal and asbestos containing material. There was also a Gasometer in the Bay which left significant amounts of contaminant in the ground. If sea water inundation is allowed to continue these contaminants will ultimately be mobilised and wash into the bay which would be disastrous for both the recreational and natural environments.

[REDACTED]  
3/16/2022 05:11 PM

Find somewhere else for the boat haulage i.e combine with the one under the harbour bridge. Bowling club to be raised or moved as well as the playing fields raised.

[REDACTED]

3/16/2022 05:17 PM

Protecting the fresh water wetland by reinstating the sea water flap.

[REDACTED]

3/16/2022 05:40 PM

A solution on support for the bay and protection from inundation is not difficult. its location assists with a narrow coastal front and the existing coastal flood plan can be updated at a reasonable cost compared to other options

[REDACTED]

3/16/2022 05:43 PM

The expanse of grass areas is fantastic, and to lose any of the different areas would be detrimental and not improve the use for the community. The appeal of Little Shoal Bay, Dudding Reserve, and Le Roys Bush is because it is lush, green, parking, and all the facilities we currently have. More concrete areas replacing the greenness will detract from this appeal. Better drainage for these grass areas to they are not bog areas in winter would be an improvement. Having mature trees on both the foreshore and reserve sides of the road providing shade from sun is such an asset to continue the facilitation of families having 'family time' and friends congregating for all ages to enjoy, perhaps more are needed. Perhaps more swings for younger kids would be great just based on how much it's being used.

[REDACTED]

3/16/2022 05:55 PM

The unique presence of seagrass beds are essential to maintain, along with the estuarine area which joins a stream. As an area with a connection from forest to sea, this is also prime habitat for native fish, many of which are at risk or endangered. Their habitat should be maintained. This includes the whole system, from beach to estuary to wetlands to stream. The wetlands are a valuable asset, filtering storm water that flows through from the stream and providing rare habitat. The foreshore area should be returned to a more natural state, with shells a beach and area behind this for people. This would make it a more enjoyable place for recreation, and would be better for shoreline species. The playing fields could be protected from coastal inundation by being raised.

[REDACTED]

3/16/2022 05:56 PM

The temporary western pipe that was left in place by Council after reclamation work around Rod's island is the single biggest contributor to sea water inundation of the reserve and change of natural habitat. This pipe should be closed or throttled and the natural, central waterway reestablished to enable nature to find an equilibrium between fresh and salt water habitat. The presence of industrial boat maintenance activities on reserve foreshore without the required standards of containment (it must have traps to collect run off under a managed hardstand area), with no regard for H&S requirements (it must be fenced off to be compliant ) with no effective monitoring, reporting or enforcement in an area that floods is incompatible with

Council's delegated responsibility to the Department of Conservation to protect the natural environment. Council is in contempt of its own legal jurisdiction. These activities have to cease immediately.

[REDACTED]  
3/16/2022 06:14 PM

Refer attachment

[REDACTED]  
3/16/2022 07:56 PM

It's critical to protect Le Roy's Bush and the mangroves which are home to so many creatures. The Reserve is also wrecked at one end now, the worst I've seen in 30 years because of inundation at one end... the sea wall needs to remain or be raised. (Engineers will certainly know how better than I)

[REDACTED]  
3/16/2022 07:57 PM

The loss of sand from Little Shoal and the surrounding beaches, such as Hall's beach concerns me. The bay has silted making it a mudflat while losing sand from the beach. If sand is moved from the central areas to the periphery the beaches would be more usable.

[REDACTED]  
3/16/2022 08:16 PM

Consider what playground or other recreational space could be provided that is raised off the ground if rising water or flooding an issue. Consider if public transport links could service the area so as to cut back on carparking space

[REDACTED]  
3/16/2022 08:31 PM

The area is perfect for recreation and families and friends getting together. There is plenty of room for so many different activities and it works well as it is.

[REDACTED]  
3/16/2022 08:51 PM

Little Shoal Bay has been used as a political football many times in its history. The biggest mistake authorities make is not listening to the local community which has had generations enjoying its charms over so many decades. There seems to be some sort of strategy to use Little Shoal Bay as an example of the dangers of climate change and to ignore the fact that this is a well loved and used resource for the local community. It would be priceless for our community to get another couple of decades of use from this reserve. Please do not throw the baby out with the bathwater - literally!

[REDACTED]  
3/16/2022 09:25 PM

Cost and return analysis, particularly in the context of the local community. Everyday Wai Manawa is used by people living in the local community. They cherish the asset ensuring it is maintained for others to enjoy. Change of use will not deliver a positive outcome for the community. Environment, social and economic aspects should all

be considered. Not just environment in isolation.

██████████  
3/16/2022 09:44 PM

Would love to encourage the natural environment while retaining the recreation areas. A beach would be amazing!

██████████  
3/16/2022 10:23 PM

The boat yard seems out of place and inappropriate with the wider usage of the bay. Either a more complete & correct facility should be added or removed.

██████████  
3/16/2022 10:29 PM

I think there should be a consideration for accessibility for those with disabilities and elderly. Local iwi history should be more prevalent. I think as well that little shoal bay is perfect for small water craft like kayaks, rowing, dragon boating, waka ama and paddleboards as it is sheltered and shallow for a long way. So enhancing access or storage for these would further activate and engage the public with the bay.

██████████  
3/16/2022 11:25 PM

I would like to see a better boat ramp

██████████  
3/16/2022 11:30 PM

We need to stop any further damage to the Reserve caused by sea water inundation. Reinstating the tidal flap on the Primary Pipe and the flood gate on the Bypass Channel would be a good first step in achieving this.

██████████  
3/17/2022 12:17 PM

Re instate the flood gates that stopped the water coming over to the field

**Optional question** (302 response(s), 93 skipped)

**Question type:** Essay Question

## Q10 Any other comments?

██████████  
1/26/2022 05:33 PM

Who ever has the mowing contract for the last 4 years has been doing a terrible job, I believe it changed hands 5+ years ago but it was so much better maintained than the current contractor. Who wants to play in wet grass clippings in winter!

██████████

My main point is that before any decision on LSB boat maintenance



1/27/2022 11:50 AM

area is removed is that the Council considers what other alternative current (or future) boat owners will have to maintain cheap and affordable boats. If no locations are similarly priced or a nearby, the Council will be closing off the opportunity for current and future Aucklanders to own boats and experience moana which is both a recreational and cultural activity for many of those in this city – further, engagement with moana has a pre-European relevance and is part of the local history too. If there are no alternatives, then Council must mitigate any impacts the boat maintenance may have on the local environment. This must be done constructively with boat owners in a practical and realistic way to ensure there is positive engagement i.e. consider the financial resources available to those who still try and continue boating in the area. LSB is not similar to Okahu Bay. Finally – Council must consider the role of boating, and in particular, yachting has in Auckland. I believe the Council has a role in making sure resources are available for Aucklanders to engage with moana both now in the future.

  
1/27/2022 10:41 PM

more information on this process is required, and there is no clear plan other than information gathering. I want to know what or when the council plans to make the information collected available, and how it will use it to form any decisions over the future of Little shoal bay and how the local community can react to any changes they propose.

  
1/28/2022 10:05 AM

Please consider moving boat maintenance elsewhere in the planning.

  
1/30/2022 11:47 AM

Little Shoal Bay is such a constantly used asset in our community whether it be sports, picnics, boating, walking, social gatherings, play etc., that I would really like to see a plan that addresses how all these aspects can be retained, as well as, how the road between Birkenhead and Northcote Pts can be maintained (i.e. minimally impacted by large storm events).

  
2/01/2022 09:01 AM

Due to the poor design of the storm water culverts, the park has been slowly degrading for over a decade. Fixing it now will cost a lot less than just the repair bill for the road and trunk sewer in the long term!

  
2/01/2022 11:31 AM

Little Shoal Bay is a great place for everyone and I am looking forward to the development of the boat yard in particular as I have only just started using it. As a new boat owner and I can see that the yard hasn't had much spent on it over the last few decades. The boat club provides a great, cheap service and I think they might be one of

the last volunteer groups in Auckland offering a boat haul out facility. It'd be a real shame to see it go but great to see some upgrades.

██████████  
2/01/2022 03:20 PM

Essential to retain the Boatyard. It has been under attack from a vocal minority for many decades. But it is a feature that makes LSB unique in Auckland.

██████████  
2/01/2022 05:55 PM

Please remove the boat maintenance area & allow the area to 'flood' naturally. Prioritise the stream being cleared of concrete buffers & clear water flow permitted. Raise bridge/ road as needed. Preserve little shoal bay reserve & allow Dudding reserve to naturalise. Too many alterations over the years to reclaim this land, culverts & chicanes in the 90's. Wetlands are important.

██████████  
2/02/2022 09:48 AM

I would like the Maori track reinstated with native planting and exotics removed. For this to occur a large pine and poplar would need to be removed to facilitate the success of native planting. Native planting would encourage greater bird life providing a greater connection to Le Roy Bush.

██████████  
2/02/2022 08:47 PM

No

██████████  
2/02/2022 09:51 PM

Please stop trying to remove areas for boat owners. The big marinas are making so much money it is becoming an elitist activity.

██████████  
2/03/2022 09:24 AM

Over many decades previous council plans have ended in a combination of partial implementations,( boat yard upgrade never happened ) inadequacies, ( poor carpark design ) and various failures ie: weir fiascos. Why not just provide more car parks and then leave well alone ? Oh ! and stop mowing the grass. Meadows for flowers and insects and lower CO2 ( something else Council is proving hopelessly inadequate at doing ...

██████████  
2/03/2022 11:01 AM

Boating and water activities are increasing along with the population, this must be maintained and improved.

██████████  
2/03/2022 04:26 PM

Good luck.

██████████  
2/04/2022 05:52 PM

Leave the boat yard it can flood from time to time, boaties are very resourceful and can cope with that.

██████████  
2/05/2022 04:06 PM

I made a photo-shopped variant of a photo of the bay some years ago removing the boatyard and the concrete seawall and having a curving beach with grass and trees along the full length of the bay. This is my dream for Little Shoal Bay.

██████████  
2/06/2022 01:41 PM

Leave the boating facilities. Help restore the ocean of the waitemata

██████████  
2/08/2022 09:47 AM

While I support the intention of the review and the need to protect LSB, i do think the tradition of DIY boat maintenance on the winter hardstand is important too. I would like to see an outcome that has room for both.

██████████  
2/09/2022 10:37 PM

The boat area has to go. It's a dumping ground and contaminates the ground and water. It's an eye sore and sometimes scary to walk through. Most of the boats moored off shore are actually just floating pieces of trash. a lot are unsalvageable and haven't been looked after since the owners tied them up in the 70s I'm sure.

██████████  
2/10/2022 06:20 AM

The kaipatiki restoration project has been such a beautiful and inspiring move in the right direction for the shore. LSB could be the same! What a legacy to leave!

██████████  
2/10/2022 07:56 AM

I notice it says above consultation with mana whenua, it would be good to have more of a mana whenua presence here, for example good signage and the Maori name displayed well, some history plaques on mana whenua activity here and which iwi are mana whenua etc would show some tangible commitment to the relationship with iwi. My daughter loves the park here and we often have BBQ or picnics here. Would be nice to have more community concerts here (levels depending).

██████████  
2/10/2022 08:39 AM

This is a taonga where the waterways and foreshore have been left to fester too long. It serves so many local people and is very well used.

██████████  
2/10/2022 11:05 AM

None

[REDACTED]  
2/10/2022 03:55 PM

I don't understand why the field has been allowed to have regular salt inundation.

[REDACTED]  
2/10/2022 05:24 PM

Get rid of the boat yard!

[REDACTED]  
2/10/2022 10:30 PM

Please retain the sports fields

[REDACTED]  
2/11/2022 07:21 AM

Please remove the boat yard, it is an eyesore and health and safety issue. There is another location close by (under the bridge) that does not interfere with community reserve and beach use.

[REDACTED]  
2/11/2022 12:22 PM

I know it's quite muddy and tidal at Little Shoal Bay but it would be lovely if swimming (tides allowing) was more attractive, with the moored boats gone. (Sorry boat owners) I wonder if kayakers would like to use it more too.

[REDACTED]  
2/11/2022 12:31 PM

Every effort should be made to retain this wonderful amenity.

[REDACTED]  
2/11/2022 03:31 PM

Please preserve our cricket pitch and bush walks and amazing natural coastal habitat. Please remove the boat graveyard that hogs the best park of LSB. I've heard wonderful ideas for a beach volleyball court or similar which would be fantastic for this area. Let's get our kids / our community moving again...

[REDACTED]  
2/11/2022 04:05 PM

The boat yard has got to go. As a ratepayer I am not happy with the area being used to store and maintain old boats, for a few people. And the mess/contamination is unacceptable. Such a large area in such a wonderful location must be changed for the benefit of every visitor to the area and to improve the habitat and water quality. Similarly, I think the moorings should be removed too. The boats are generally in disrepair and are an environmental incident waiting to happen.

[REDACTED]  
2/14/2022 02:30 PM

Is it worth installing a rock groin out on the point to encourage sand deposits in Little Shoal Bay.

[REDACTED]

Council should re-instate the barriers put up by previous ACC workers

2/15/2022 10:06 AM

to control the flow of water under the bridge into the valley and walking area. We need to keep this lovely space for generations to come in the Northcote/Birkenhead areas.

2/15/2022 12:13 PM

While I understand some people would like the area to stay as it is now, kaitiakitanga and restoration of the native wetlands is the best hope for this land.

2/15/2022 02:07 PM

It looks to me as if the sea wall is added that the interior will fill up, more land will be created and the inlet will be lost

2/15/2022 06:38 PM

This is a generally affluent area. I believe that there is opinion from many of the locals who wish to see the boat maintenance yard removed citing either that we're causing harm to the environment or that it's not fair that a "privileged few" get to use this resource. They suggest that we can use other boat yard facilities "like everyone else". The reality is that they simply don't like the yard being in view of their expensive homes. As someone who has missed out on the housing ladder, I harbour deep resentment that these homeowners feel entitled to push out an institution that has provided so much to a subset of our community. It is a privilege to have access to this facility, and as such, we value it greatly. The care that goes into ensuring the no fouling is dumped on the ground and all rubbish is contained and removed demonstrates that we value this. Generally any rubbish found blowing about the yard has come from people picnicking in the recreation area. Other yards are prohibitively expensive. Perhaps the same people who own the homes in the area can afford to use the other yards. I cannot.

2/16/2022 08:55 AM

I've heard that there is a risk of pollution from things that have been buried in Little Shoal Bay - I've also been concerned by the potential pollutants coming from the boat yard so it would be good to understand how those things would be mitigated / managed

2/16/2022 10:46 AM

No Freedom Campers.

2/16/2022 02:42 PM

It is good to see the bollards installed to prevent vehicle damage to the parkland. Regular mowing of the grass areas.

2/16/2022 03:35 PM

Retain the road between Northcote and Birkenhead Points. The carparking needs to retain.

██████████  
2/16/2022 08:39 PM

Glad the boats have gone, make something nice there instead.  
Another toddler playground, or a flying fox.

██████████  
2/17/2022 08:22 AM

This was made into a park when northcote lost shoal bay/sulphur beach to the motorway and I feel like it should be preserved for local enjoyment as much as for nature. There is a balance that could be achieved. If AT wasn't spending a fortune on dead plans to block up all our roads maybe there would be more money for such things.

████████████████████  
2/17/2022 01:20 PM

I do not use the boat yard and have no connection to anyone who does. However I respect the need for the boat yard users to have a place to work. Please consider those people who do use the boat yard: Where else could they go? Will they have to give up on their hobbies? I believe a balanced approach will result in the best outcome for Little Shoal Bay. I very strongly disagree with the 'reversion to nature' which has been proposed.

██████████  
2/17/2022 03:13 PM

Simple restoration of the floodgates and associated supporting infrastructure will protect and enhance the existing reserve. This will protect the assets in most events. We are already witnessing an ongoing degradation of the facilities through lack of action. Allowing the continual degradation of the park and area around the old gasworks will also heighten any risk of contaminants leaching into the areas used for leisure and sporting activities and the harbour.

██████████  
2/17/2022 03:38 PM

This is a fantastic area which needs to be preserved for the community to continue to enjoy

██████████  
2/17/2022 10:16 PM

No

██████████  
2/18/2022 11:14 AM

This is a very well used recreation area that provides a unique & lovely environment for young & old people to pursue sport, to play & to socialize.

██████████  
2/18/2022 11:21 AM

The "flap" used to slow the ingress of seawater into the stream needs to be reinstated until a longer term solution to protecting the playing field is provided

[REDACTED]  
2/18/2022 02:46 PM

The Tidal Flap and Tidal Gate need to be reinstalled. This would make a bigger difference than global warming.

[REDACTED]  
2/18/2022 04:10 PM

It would be a shame if the playing fields were taken away from the many families with children who come here.

[REDACTED]  
2/18/2022 06:36 PM

I would welcome the opportunity to present my views in person or via video conference.

[REDACTED]  
2/18/2022 09:24 PM

Please make a plan for how the Little Shoal Bay reserve will be maintained and the seawater ingress managed. Please reinstate the tidal flap and tidal gate that were once there. At the very least, keep some of the green field space for recreation, even if it can't all be kept.

[REDACTED]  
2/19/2022 09:59 AM

Since the removal of "The Flap" the sea water pours in on big tides Despite many surveys and suggestions this problem has been ignored and needs to be addressed and the flap to be reinstated as soon as possible It is now flooding the bottom of my property at 66 Maritime Tce

[REDACTED]  
2/19/2022 01:31 PM

Over the past 25 years, we have seen exponential growth in usage of the wider Little Shoal Bay area - great to see the community engaging in leisure! it comes at a cost, the contractors do a fabulous early morning job of cleaning up sometimes inconsiderate dumping. The beach itself can be enhanced for use by increasing the sandy foreshore, removing all or part of the seawall.

[REDACTED]  
2/20/2022 02:04 PM

please improve sewage seepage into the stream

[REDACTED]  
2/21/2022 01:29 PM

Important to maintain the floodgate system that keeps out salt water and inundation which is eroding the park and the bowling club and playing areas.

[REDACTED]  
2/24/2022 09:51 AM

LSB includes land that has been reclaimed. I would like more information about the extent of the reclamation and the expected longterm consequences if nothing is done to hold back the saltwater from entering the field. Is allowing the area to revert an option? If so, what would it look like?

[REDACTED]  
2/24/2022 03:51 PM

This area SHOULD NEVER revert back to mangroves and nature. It would be a huge mistake and open up a Pandora's box of problems. Not to mention it would deprive the area of a great open space enjoyed by many.

[REDACTED]  
2/25/2022 11:12 AM

The flooding of Little Shoal Bay has two causes - flooding from occasional high rainfall events (these are freshwater so cause only minor damage) and the regular inundation of sea water at king tides - or a combination of both. The damage that you can see taking place in the Little Shoal Bay is almost entirely the result of the regular inundation of seawater. Little Shoal Bay has a flood protection scheme with three elements; the seawall, a 'tidal flap on a low invert 1.35-meter drainage pipe under Maritime Terrace (which was installed to reclaim the wetland to create playing fields), and a 'tidal gate' to provide overflow protection of freshwater from a 'bypass channel' that flows under the road bridge. These three pieces of infrastructure were all set at a height of 3.75 (which is the height of our highest king tides) and they were all designed to allow fresh water out of the catchment but stop seawater flowing back into it. The damage to Little Shoal Bay is occurring because the flood protection scheme was rendered ineffective when earlier Councils removed the tidal flap and the tidal gate to save on their maintenance costs. The sea water flowing into Little Shoal Bay will continue to damage the Reserve until the Council replaces the flap and the gate to control the amount of seawater that can flow into the Reserve. Climate change will mean that in the future other long-term measures will have to be considered to supplement the protection provided by the flood protection scheme. Dozens of Council-initiated reports have been undertaken with recommendations on how to address the issues (including putting back the infrastructure removed by past Councils). Despite the cost of these reports they have all been completely ignored.

[REDACTED]  
2/25/2022 11:18 AM

a) The flooding of LSB has two causes - flooding from occasional high rainfall events (these are freshwater so cause only minor damage) and the regular inundation of sea water at king tides - or a combination of both. The damage that you can see taking place in the LSB is almost entirely the result of the regular inundation of seawater. LSB has a flood protection scheme with three elements; the seawall, a 'tidal flap on a low invert 1.35-meter drainage pipe under Maritime Terrace (which was installed to reclaim the wetland to create playing fields), and a 'tidal gate' to provide overflow protection of freshwater from a 'bypass channel' that flows under the road bridge. These three pieces of infrastructure were all set at a height of 3.75 amsl (which is the height of our highest king tides) and they were all designed to



allow fresh water out of the catchment but stop seawater flowing back into it. b) The damage to LSB is occurring because the flood protection scheme was rendered ineffective when earlier Councils removed the tidal flap and the tidal gate to save on their maintenance costs. The sea water flowing into LSB will continue to damage the Reserve until the Council replaces the flap and the gate to control the amount of seawater that can flow into the Reserve. Climate change will mean that in the future other long-term measures will have to be considered to supplement the protection provided by the flood protection scheme. c) Dozens of Council-initiated reports have been undertaken with recommendations on how to address the issues (including putting back the infrastructure removed by past Councils). Despite the cost of these reports they have all been completely ignored.



2/26/2022 09:12 PM

Council should give high priority to developing a meaningful, sustainable and pragmatic Boat Haulout Strategy and a Marina Management Strategy. This should be done before making decisions on boat yards and marinas e.g. the proposed development for Bayswater Marina. Improving to containment of boat yard runoff should be undertaken if it is necessary rather than reducing or removing the haul out area/boat yard. This has been done at other boatyards e.g. Milford CC. I.e. Regional strategies rather than individual strategies for individual areas.



2/26/2022 11:36 PM

This area has great potential as a real community draw card for outdoor activities. Skate park for older kids or more challenging playground, a pier for all day swimming, protect the sand area, enjoy the natural environment. More picnic tables, pétanque court. But mostly it needs to be altered to avoid the very low tides, and protected from king tides.



2/27/2022 09:17 AM

Please think about the benefits of retaining the facilities and what they provide to our local community. You can't take it away as it is too valuable. Spend a weekend at Little Shoal Bay to appreciate the value. Yesterday I saw 3 teenagers playing rugby on Dudding Park, further along a group of older teen boys were playing basketball dripping in sweat and loving it! A young family were teaching their kids how to play tennis. A baby crawling around on the grass as the family picnicked near by. People walking their dogs along the beach. A couple in their 20's going out for a paddle board. A lovely pair of seniors ladies looking relaxed sitting on a park bench on the foreshore nattering away. Kids playing and screaming in delight on the playground. A group of three 20 year olds guys playing bongo style drums, a girl dancing freely to their beat while a cameraman

videod their performance - they were using the grass area and stunning back drop. A few walkers by stopped to watch and clap at the end. I was only here for 5 minutes and observed all this!! You need to see to believe how amazing Little Shoal Bay is.

[REDACTED]  
2/27/2022 10:52 AM

For recreational areas to be successful you need a variety of activities and constant use. During the winter not much happens in Wai manawa. However this is the peak of activity for boat maintenance with the boat owners providing a focal point for walkers and others. There is always alot of curiosity and social interaction with the boat owners doing maintenance by casual visitors, a small vibrant community in itself and almost unique to this area and with a long history.

[REDACTED]  
2/27/2022 03:28 PM

Get rid of the dry dock boats on the land !!!!

[REDACTED]  
2/27/2022 09:00 PM

PLEASE retain and enhance recreational space and facilities.

[REDACTED]  
2/28/2022 10:22 AM

I'm glad council is looking at protecting and upgrading the Little Shoal Bay. It is a unique space that our Northcote, Birkenhead and Beach Heaven community uses and cherish. It would be great to bring back large park events to Little Shoal Bay as it offers a stunning view and easy access.

[REDACTED]  
2/28/2022 11:17 PM

Please find a solution that is in line with community rather than an easy option of having to think about it.

[REDACTED]  
3/01/2022 04:43 PM

Would it cost so much to build a bund behind the existing wall, repair the flood gates and storm pipe and do remedial work on the sports field? Using quality fittings ie. stainless steel on the gates and storm pipe flap would certainly slow the effects of salt water but there would still need to be regular maintenance work done. We want the area to be enjoyed by generations to come. Certainly climate change is going to affect the area but we could do a lot to mitigate the way it impacts on the bay.

[REDACTED]  
3/01/2022 10:09 PM

Since the Harbour Bridge has become lit. Little Shoal Bay has become one of the most popular places for viewing.

[REDACTED]  
3/02/2022 12:54 PM

I hope you listen to people. This space is needed

[REDACTED]  
3/02/2022 02:03 PM

Management and more restrictive park use after dark is needed to prevent antisocial behaviour.

[REDACTED]  
3/02/2022 02:31 PM

Leave the park alone - stop the boat maintenance area. This should be in a boat yard with proper health and safety regulations

[REDACTED]  
3/02/2022 08:19 PM

LSB is a vital part of our local family community and whilst I recognise the importance of protecting the area this needs to be balanced with the needs of people who live here to be able to access free, beautiful and healthy exercise community areas

[REDACTED]  
3/02/2022 09:37 PM

the boat yard is a waste of prime space which could be better utilized once decontaminated

[REDACTED]  
3/03/2022 06:34 AM

I think the spot is spectacular and many a memory has been made gathering with other people in this spot and celebrating the location to the city. The view gives it the X factor

[REDACTED]  
3/03/2022 10:29 AM

This survey is biased towards forcing submitters to submit concerns about climate change only. While I am concerned about climate change (naturally), I am also concerned about the loss of a much loved children's playground and community space. There are few options provided in the section "what are you most worried about" to explore all the uses of the area which is disappointing.

[REDACTED]  
3/03/2022 10:43 AM

Removing the boat area should be a part of any plan to rehabilitate the area and adapt it to the sea level rise.

[REDACTED]  
3/03/2022 08:24 PM

In the bay are a number of boats that are in such terrible condition they should not be allowed to remain in the bay. Removing these would be a great step forward in improving the quality of the environment for everyone using the space.

[REDACTED]  
3/04/2022 09:37 AM

We appreciate the natural habitat and combined with the leisure aspects would be deeply disappointed to see this change. Walk around this great area and experience what we enjoy and the sounds of families simply having fun and this area if changed will affect entire

generations in the future.

[REDACTED]  
3/04/2022 09:37 AM

Please dont change the area. Leave it as it is. If you do anything, make some more walking tracks around the area.

[REDACTED]  
3/04/2022 09:53 AM

Please refer my full submission lodged on behalf of the AUCKLAND YACHT & BOATING ASSOCIATION attached.

[REDACTED]  
3/04/2022 12:19 PM

I think boat storage contributing to pollution of waterway and ruin natural look of habitat area

[REDACTED]  
3/04/2022 02:07 PM

Please consider the history of the reserve and stormwater flooding issues caused by the tidal gates and flaps esp under sea level rise engaging them for longer.

[REDACTED]  
3/05/2022 08:35 AM

Make sure land use and protects are done under the realities of climate change as flooding will occur much more often

[REDACTED]  
3/05/2022 08:45 AM

It is a fantastic area that offers easy access to a range of active and passive activities people of all ages and interests, whether that is getting some alone time, family time or meeting friends, kids playing and hanging out in a safe environment, paddle boarding, swimming, playing tennis, relaxing, boating or walking, LSB offers it all. Along with a fantastic view of Auckland City and Harbour bridge.

[REDACTED]  
3/05/2022 12:51 PM

I am saddened , though not surprised, that council could consider any proposal to allow LSB to revert to estuary and mangroves. It suggests that those behind the proposal know little if anything of the vital need that LSB serves for the local and far flung communities who make frequent use of it.

[REDACTED]  
3/06/2022 12:04 PM

Carefully managed mangrove areas are very pleasant natural environments and generally help to improve water and air quality. The beach at Little Shoal bay is not currently pleasant to swim in except at high tide and even then, it's really no longer a lovely sandy beach (we always wear swimming shoes when using this beach).

[REDACTED]  
3/06/2022 07:24 PM

Would be very sad to see loss of playground and play areas as these are priceless community assets.

[REDACTED]

3/07/2022 01:21 PM

I am pretty certain there are very few place left in Auckland where enthusiasts can work on their boats. This will become another dying interest. To hard to maintain. Too expensive. That seems completely crazy in our City of Sails, holders of the America's Cup. Sailing is in the city's DNA, let's not make it impossible to have a grass roots hobby that is accessible.

[REDACTED]

3/07/2022 02:14 PM

The boat area takes up far too much space and the ground there is just covered in stones and often puddles - apparently it's contaminated. Remove the boat area completely and return that area to grass or native plantings. The moorings close to shore are full of boats that look like they are sinking - there should be an area out to say 200 m where no boats are allowed. We need to focus on making the water as good as possible. Keep the park and grass areas, these are used by most people regularly. Parking becomes cluttered too with trailers, utes parking anywhere. Prioritise people and walking and playing.

[REDACTED]

3/07/2022 03:33 PM

I appreciate the other activities on the south side of Maritime Terrace and don't see any reason to shut those down.

[REDACTED]

3/07/2022 04:16 PM

Mental health has always been an important issue in New Zealand, and given the state of the world over the past few years, this will become more important or at the very least more issues will surface. Facilities like this are one of the antidotes, and we should be looking to enhance them and their use. Letting members of the local community get involved in the upkeep of this jewel should also be considered, and I would be more than happy to devote time to assist. It is very likely that other people would also be interested. It's all part of living a free democracy where people do their bit to help their local community.

[REDACTED]

3/07/2022 05:02 PM

As usual, Council goes ahead and commissions expensive consultants before asking the local residents and ratepayers what they want. The locals should not have to fight Council to retain this area. Its our park - leave it as is.

[REDACTED]

3/07/2022 05:08 PM

Get rid of the boat yard and all the abandoned boats.

[REDACTED]

Please reinstate the tidal flap and tidal gate to control the amount of

3/07/2022 05:12 PM

seawater entering the reserve/playing field. There are many council initiated consultant reports supporting this (ignored by Auckland Council so that no money is spent). Keep the area as it is and improve it for the current and future communities.

  
3/07/2022 05:22 PM

I am concerned about the boat yard for four reasons: 1) It seems to be a large occupation for private benefit. I don't know how many boats are owned by locals. I will never be able to afford a boat and if I could I bet I could never get a space here. Who is benefiting from this facility? 2) I do not swim here because I assume contamination & 3) it is unsightly & 4) it takes up more space on the foreshore than a private use should in my opinion. Is boat cleaning with chemicals allowed without treatment this close to the sea generally? I would say thousands more people are adversely affected by this boat yard than the very, very, few that benefit from it.

  
3/07/2022 09:56 PM


I strongly value this area for its mix of nature, recreation areas and beachfront. It is a cherished reserve area that deserves protection and enhancement.

  
3/08/2022 12:06 PM

There was no problem with seawater intrusion before the council removed the flaps on the drainage pipes. These had worked well for several years. Presumably this was done for cost reasons, but the cost to the community through loss of the recreational facility if this is not reversed will be immense. The criterion for evaluating council decisions should always be whether the standard of living of the community is improved. There is no other reason for doing anything. In this case, leaving Little Shoal Bay to be ruined by sea water intrusion would greatly diminish the standard of living of the local community. The drainage system must be restored to its former utility immediately.

  
3/08/2022 05:02 PM

Please re-instate tide flaps to control saltwater ingress. Remove boating club and scrap boats from the bay

  
3/08/2022 11:36 PM

Wai Manawa is a gem. All the activities that are happening at present in the bay should be preserved as these represent its beauty and unique quality - how people of all ages and cultures embrace the coastal environment with a range of activities. Many iconic photos, cards, media shots, sketches and paintings through the years depict this, e.g. the black and white photo used on this platform. The reserve is an asset not only for locals but for many in the wider community who visit.

██████  
3/09/2022 05:00 PM

Thanks for this process - it is great to be able to have a say and for all of the hard work that has been put into the options.

██████████  
3/10/2022 11:21 AM

I can't believe you would take this area away from people

██████████████  
3/10/2022 02:54 PM

If consideration is made to allow the area to return to an un maintained, natural, mangrove state, then the council should make a suitable purchase (and development) of land in the local area to ensure the increasing local population has access to informal recreation space to offset the loss of this.

██████████  
3/11/2022 02:54 PM

get rid of the boat yard and stop people from camping there. Could do with a little bar or cafe too

██████  
3/11/2022 04:02 PM

There was a study done many years ago about installing a gryone at the western end to catch drifting sand - that would be a really good initiative

██████████  
3/12/2022 03:25 PM

This is a great opportunity to get this area right and working for community and the ecosystem, returning it with a strategy to beautify and protect an important area from sea level and climate change.

██████████  
3/12/2022 04:43 PM

I totally support the AC proposal to allow the area to revert to a salt water mangrove estuary. What are Mana Whenua proposals for Wai Manawa?

██████  
3/12/2022 10:08 PM

LITTLE SHOAL BAY (LSB) SURVEY Comments on questionnaire Background 1) By way of background, I have been familiar with LSB since the mid-1960s, when rudimentary vehicle access was barely possible across a rough track that was supported upon demolition rubble that had been dumped with council's blessing. I have lived in Clarence Rd from 1973 until I built my home on the Maritime Tce cliff edge in 1980. So, I have been familiar with all use aspects of the bay and reserve for some 50 years and an observer of the interests and efforts of the Residents' Association of both Northcote and Birkenhead, together with the politics of both councils until their amalgamation. My children and grandchildren have grown up in the Maritime Tce. house and have attended the Northcote schools. I own a bilge keeler but do not belong to the local boat club. Saltwater

degradation of hinterland 2) The current bay and reserve is suffering from competing environmental factors which have been detrimental to the areas potential. 3) This could be ameliorated by separating the saltwater and freshwater regions within the reserve, including Le Roy's Bush reserve. If this is done, it will foster greater biodiversity and public interest. Potential sea rise 4) Council ought to consider and plan for the management of the effects of eventual sea rise in the short and long term. Boat haul-out area 5) I unreservedly advocate for the retention of the current boat haul-out area which, with its boats, provides a seasonal visual and social interest to the local community and visitors. The boats here, and in the bay, are of immense interest to artists, photographers, boating historians, the curious, parents with their inquisitive children who look at boats and crabs, dog lovers teasing their dogs in and out of the water, swimmers, board riders, boaties and picnics. These patrons are locals and from afar, as attested from the early questionnaire responses. The bay provides safe, warm tidal water for young children to play and swim, in an area free from motorboats. 6) The boat club has a long-term lease from council, subject to certain upkeep conditions. The club provides a significant colourful visual and social interest for bay visitors and through traffic. It is a unique treasure that should be retained, for all of the reasons articulated in the interim responses to council's targeted questions. The boat haul-out area has a seasonal winter/spring use but is empty during summer and early autumn. It therefore seems possible for the council and boat club to consider the merits of using the boat haul-out area as over-flow carparking for all reserve users during the most active summer months. This could potentially represent a win/win for both parties and the public. Dudding Park 7) Dudding Park, on the northern side of the carriageway, is currently used by summer cricketers, kite fliers and model aircraft owners. It is a converging pathway for children walking to and from Northcote College and accordingly provides an ecology lesson for those who could be interested. 8) If public use requires more toilet facilities with requisite sewage holding tanks, then please don't insult us by providing a visual offense like that imposed upon Onepoto Basin reserve, or that dominating the water reservoir hockey field on Forrest Hill Rd. Why not try something discrete for a change; something that is innocuous and subservient to both the bay and reserve. Reserve vehicular traffic. 9) Northcote Council did not favour the park being used as a carriageway between Birkenhead Point and Northcote Point, particularly for those taking a short-cut from Highbury to avoid the Onewa Rd morning and evening traffic. It opposed the formation of a legal road and instead provided a designated centre-line across the park so as to provide a de facto road link across the reserve to Birkenhead Council's Maritime Tce. 10) Additionally, Northcote enabled a bylaw prohibiting the passage of trade vehicles across the reserve. This bylaw has never been enforced to the current detriment of the reserve. Council and



Transport Authority might consider removing one of Onewa Rd's bus-lane cameras to the Rodney Rd entrance to LSB reserve. Current seawall

11) The current ramped concrete seawall is breached by two boat access ramps; one at the eastern end by the scout den for trailored boats and the central one for launching stored dinghies. Previously boat haulage was along the sea wall to access the Northcote Point cliff-line where there is a sandstone bed, but recently boats have been manouvred in and out of the water by hiab-crane.

12) If sea-rise is seen as a future threat, then it would be possible to increase the reserve topsoil and boatyard basecourse so as to align with the timber seawall capping. If a further rise was necessary, then another timber baulk could be added to form two steps as additional seating.

13) The central dinghy ramp could be extended to a higher level and the currently neglected stone fenders repaired and extended.

14) Inter-tidal sand

14) Currently, the escaping water from the Maritime Tce culvert washes away the sand build-up from the western end of the bay. This creek carries stormwater silt from as far afield as Highbury and leaves a 300mm deep silt deposit along its edges for unwary explorers. An experimental sandbag groyne recently placed on the eastern side of the culvert outlet and creek, has arrested the escaping sand from the seawall and permitted a welcomed slight build-up of sand along the western shoreline.

15) A more permanent groyne might beneficially separate the bay from the sluicing effects of the creek. The mangroves should not be permitted to encroach further east and south into the bay.

16) The current culvert under Maritime Tce. originally had a flood gate to restrict the entry of salt water into the swamp-land within Le Roy.s bush area. This flood gate has been removed but needs to be replaced to stop the tidal flooding.

17) The floodgates adjacent to the boat haul-out area was destined to fail before it left the borough engineer's office; and it did with the build-up of sand that prevented the flood-gates from operating.

18) A new flood-ate on the northern side of the current footbridge might not attract the accumulation of seashore sand. The floodgate should remain accessible by bobcat for the removal of any sand build-up, should this become necessary.

19) The northern drain should be re-engineered so that it only receives fresh floodwater from the bowling green corner of the reserve.; not combined salt water.

Council's questionnaire

20) Finally, I feel obliged to comment upon the council's questionnaire which asked respondents to suggest three preferences (out of a myriad of possible questions) This, to me, suggests an engineering and political cop-out, whereby the design consideration can be reduced to three overarching preferences and an incentive to ignore any of the highly important, but subtle planning ingredients that could contribute to a special inner city amenity at a time when the current Unitary Plan has permitted the erosion of residential outdoor amenity space and whilst Panuku appears to be single-mindedly eyeing the commercial opportunity of any public reserve and harbour-side space.

21) Let us

consider all of the environmental subtleties and opportunities that exist and design Little Shoal Bay and its hinterland reserves with good engineering, ecological, environmental and landscape architectural skill and sensitivity, combined with political acumen, so that LSB might enjoy the potential of becoming one of Auckland's ultimate recreational treasures, for posterity. [REDACTED]

[REDACTED]  
3/13/2022 09:35 AM

I would not want to see Little Shoal Bay become a mangrove estuary. The facilities it provides now are an essential part of our community that must be maintained for our future generations.

[REDACTED]  
3/13/2022 07:36 PM

Please remove the boat area, it's a tremendous waste of space that could be use for the majority to use (rather than the minority who use it now)

[REDACTED]  
3/13/2022 10:07 PM

Climate change is a human problem, the environment will look after itself, we can only worry about human affects.

[REDACTED]  
3/14/2022 09:29 AM

To summarize, Little Shoal Bay is a Northcote/Birkenhead icon, its a place where the two communities literally meet both in terms of a physical boundary and a place for the respective communities to meet and play. It is popular with Locals ,Aucklanders and tourists as could be seen from the overnight camping and restrictions and measures required to protect the area from freedom camping over use. Future upgrades need to support and enhance the great work already down in establishing a great coastal reaction area for the use by all.

[REDACTED]  
3/14/2022 11:04 AM

My concern is primarily around the retention of the recreation facilities e.g. the playground, playing fields and access to the foreshore. The bay is a great community resource (noting that it seems that most people walk to the bay, meaning that it is also good from a transport perspective) and it would be a terrible shame if the Council's plan took that away for what would appear to be minor environmental benefits.

[REDACTED]  
3/14/2022 11:50 AM

Please leave Little Shoal Bay alone

[REDACTED]

We love this little bay and want it to be more user friendly not less

3/14/2022 02:08 PM

user friendly.

3/14/2022 02:33 PM

If we can resolve this issue well at this scale it will provide an example of how to tackle bigger challenges.

3/14/2022 03:32 PM

- close and restore the boatyard area into public amenity. - Restore the beach - preserve the saltwater estuary - raise the cricket field 1m and preserve it for cricket. - preserve the tennis court, hoop and playground.

3/14/2022 09:05 PM

The boat area is untidy but I'm pretty sure it's an accessible mooring for those who aren't the millionaire boating crowd, so maybe needs to stay. This is a beautiful, peaceful, multifaceted area with unparalleled bridge, water and city views. Let's look after it for future generations.

3/14/2022 09:50 PM

I would like to be able to comment on a council plan for Little Shoal Bay once an actual official plan has been decided on. At the moment I feel there is a lot of information swirling around from various "experts", but I don't really know what the council is thinking. I've watched the webinar which says you are seeking submissions on the basis of the six main headings ranging from environment to different types of access to cultural - but I don't seem to have got a handle on exactly what the council has in mind. I can see what Kyle Aitkin and Save Our Bay and other groups want, but I would like to think that a future plan may be able to incorporate the best of what everyone wants. Having a healthy environment that supports both wildlife and people's needs would be ideal - I would love a healthy eco-system with a fish spawning ground and rare birds breeding, plus a place where we can still meet and play and swim and walk daily. We have a taonga in Wai Manawa and would love to make it the best it can be, for humans and nature alike.

3/15/2022 08:57 AM

Little Shoal Bay is worth saving as it is and to enhance what it is for the future. Not only is it a fantastic asset for the people of the local area, its a treasure for the whole of Auckland/Tamaki Makaurau and we should consider where it will be in 100 years.

3/15/2022 04:13 PM

THERE IS AN URGENT NEED TO PROVIDE FOR A CLEAR PLAN AND BUDGET TO ENHANCE THE LSB AREA. IT IS AN AREA OF NATURAL BEAUTY THAT NEEDS TO BE PROTECTED FOR FUTURE GENERATIONS. IT IS NOT AN AREA FOR UNDERTAKING BOAT MAINTENANCE THAT IS LEACHING

CHEMICALS AND OTHER WASTE INTO THE FORESHORE (AND INTO THE HARBOUR)

[REDACTED]  
3/15/2022 05:08 PM

Consider building concrete all tide pool & sand bottom - would be a great asset for the area

[REDACTED]  
3/15/2022 06:44 PM

- REINSTATE THE TIDAL FLAP AND TIDAL GATE TO ENSURE THAT THE LSB FLOOD PROTECTION SCHEME CAN OPERATE AS IT WAS INTENDED TO. - GET RID OF THE BOATS (BOTH MAINTENANCE AND MOORING). - BUILD UP THE SEA WALL IF NECESSARY - ENHANCE RECREATIONAL AREAS / ACTIVITIES; E.G. MORE BBQs, BEACH VOLLEYBALL COURTS ETC

[REDACTED]  
3/15/2022 07:57 PM

Over the twenty plus years I have regularly used this area I have witnessed a slow decline of the wetlands. There were always plenty of ducks and pukeko's through the lower portion of Le Roys Bush. Now there are none. The water was always able to drain away. Now it can't and has resulted in this area becoming silted up, with incoming tides nowhere to go but flood the area. In my opinion, it's extremely disappointing that the council, over many many years, has ceased maintaining this area so the water can flow naturally out of Le Roys Bush into Little Shoal Bay. I would like the Council to reinstate the maintenance of this area. Its the most wonderful asset to the community. Thank you.

[REDACTED]  
3/15/2022 08:08 PM

Reduce pollutants from the boat yard and hopefully remove the boatyard from the area to create space for other activities i.e more seating giving a great view of the city and surroundings. Plant more trees in the reserve where the playground is and around the edges of Dudding park (more) when having picnics it's a good shelter from the sun. More information about the history/heritage of Little Shoal Bay. Similar to the information into Le Roys Bush. Great photos and info.

[REDACTED]  
3/15/2022 08:49 PM

The boat launching area has been dysfunctional for over a decade due to the buildup of sand and would require re-levelling in order to actually function as a boat ramp.

[REDACTED]  
3/15/2022 09:13 PM

Future generations would be devastated to lose public areas of this size when retention is not difficult or expensive. It would be impossible to replace the park as it would be extraordinarily expensive and no land is available. Please ensure you listen to the locals and the users from across Auckland who enjoy this area.

[REDACTED]

3/15/2022 09:32 PM

The Little Shoal Bay Boatyard is an important community and regional asset that adds special character to Little Shoal Bay. It represents a continuation of the long history of boat maintenance and boat building by locals in the area. Moreover, it serves a critical function in ensuring local boat-owners can maintain their boats in a cost effective fashion. This in turn helps keep invasive marine pests from spreading around the Hauraki Gulf. Alterations to the seafront to protect against sea level rise are acceptable, so long as they do not prevent the boatowners from hauling, maintaining or launching boats in Little Shoal Bay.

[REDACTED]

3/15/2022 10:07 PM

The Little Shoal Bay Boatyard is an essential facility for its users and needs to remain.

[REDACTED]

3/15/2022 10:33 PM


LSB is an extremely highly-modified bay, at least ten acres have been reclaimed by filling the estuary in with excavated spoil. The boatyard is a slightly messy workspace, but sits on dumped contaminated fill. So keep it, and provide a washdown concreted area to control any introduced materials. The public should keep their free access to the boatyard area, it is one of the last (out of many) left in Auckland. It is a social place, children love it, a place to meet people.

[REDACTED]

3/15/2022 11:17 PM

- The concept of allowing Dudding Park, Lutners Reserve and the Little Shoal Bay wetland to "return to nature" makes little sense because the area has been irretrievably damaged by hard fill and toxins over the years. - With the increasing intensification of population, it is important that there is adequate space for recreation - in particular for shoreside recreation and picnics (usage shows it is clearly popular even though the beach is tidal) - A well-researched argument has been made that it would be more expensive to let salt water release the gas works toxins, to make the road unusable, to rust out the sewer line and destroy existing facilities THAN to provide a higher sea wall with flood gates. This sounds a compelling argument for raising the sea wall and protecting the raupo wetland and the facilities on Dudding Park and surrounding land. - While some people argue that they don't mind having to drive all the way through Highbury - and for me that's a minor issue. However I believe that it's essential that there is an alternative route in and out of Birkenhead Point to cope with emergency situations - for example if access from Birkenhead Point to the outside is blocked by a traffic accident or other emergency, fire engines, ambulances should be able to get through. - Have the issues of protecting the old cliff faces around the old LSB estuary been assessed? To the best of my knowledge these would be subject to undercutting if rising sea levels


entered this area. In my restoration work, I don't recall seeing sandstone at the base of the old cliffline. Would the land both public and private be subject to undercutting as is happening in Willow Bay? - I am very much in favour of mangroves in the right place; I don't necessarily think Little Shoal Bay is the right place. There were few if any when we came to live here 50 years ago. They were generated by the extremely lax management of silt from the Enterprise St and other developments which flooded LSB with yellow clay for many years. - Existing mangroves outside the existing sea wall should be contained to retain a safe playing area for young people using canoes and other unpowered water craft. - Mangroves inside the sea wall will presumably retreat if the salt water levels inside the seawall are reduced. I would be very happy to see the lower wetland return to its previous status as the North Shore's second largest raupo wetland - supplemented by carex in the shaded areas. Back in the 1970s and 1980s rain storms resulted in occasional fresh water flooding of Dudding Park and the road because there was inadequate flow to the sea at high tides. This should be addressed over time by ensuring that there are adequate flood gates and that they are properly maintained - unlike the poor maintenance that occurred with the floodgates installed when the ford was created in the LSB park road. The damage caused by the fresh water flooding was minimal compared with the salt water flooding. Salt water in the old ford resulted in serious corrosion damage to cars travelling across the park road. This will re-occur if salt water flooding happens on the road ways. -

  
3/16/2022 12:12 AM

Yes it's a place people park their boats and work on them, but it is also a community. In the case of myself, it's where my future is starting and its been a struggle to get here. I hope my future isn't cut short. stay safe.

  
3/16/2022 12:58 PM

Please enhance the foreshore and make it better for activities. Love the grass area and playground and improve the tracks to le Roy's bush and support the coastal wetlands and ecology of the area.

  
3/16/2022 02:54 PM

I'm very concerned about the incorrect information being spread to the community from the so called 'save the bay' group and the option they are proposing. As a local mother who knows lots of local families, I see that families are most interested in the foreshore, the playground, the natural environment. They want some of the bay to be allowed to develop further into a thriving salt water estuary and they get why that is important. However, the engineering solution being proposed by the 'save the bay' group to keep the salt water out, is not only expensive and very unlikely to work over time, it will

damage the salt water ecosystem that is developing in the bay. I am very against this idea.

██████████  
3/16/2022 03:44 PM

Little Shoal Bay is used by the wider community as well as the local community. For example, it is a prime spot for viewing the harbour bridge light shows, fireworks from the Sky Tower, Movies in Parks etc.

██████████  
3/16/2022 04:21 PM

The Council (in various iterations over the years) has invested in the development of this important community amenity. They must appreciate how much this has added to the lives of people in Kaipatiki district. It is a constant delight to see how well used the reserve area is. Come on, Kaipatiki Local Board members, you can get the community behind you by maintaining

██████████  
3/16/2022 04:44 PM

A local group, the Little Shoal Bay Renewal Action Group, have made a proposal in 2020 (attached) which will mitigate the damage being caused to the Bay. This proposal has the support of the Local Board, successive Members of Parliament and the local community. Please give this proposal your serious consideration in order to safeguard and enhance our Little Shoal Bay.

██████████  
3/16/2022 05:11 PM

Leave the natural flow from the swamp to the sea as is.

██████████  
3/16/2022 05:17 PM

LSB needs to be protected from rising sea levels. It is one of only a few accessible inner harbour beaches west of the motorway. It is a very popular recreation area for water activities, picnicing, walking and the play ground. The road needs to be maintained to preserve access. It should not be allowed to become a mangrove bay. The boat maintenance area should be closed to reduce contamination of the foreshore and increase public recreation space.

██████████  
3/16/2022 05:40 PM

The questionnaire is too generalised and in many cases and could appear to be tainted by targeting the outcome - this may be a lack of local knowledge? In any event in several cases it is not possible to give a clear response due to the structured questions

██████████  
3/16/2022 05:43 PM

The environmental improvements that have been made over previous years such as the asparagus plants etc create a space that you want to walk beside, be in, and then investigate the pathways through Le Roys Bush. Perhaps facilities for children to interact with what's in the

creek etc and touch/feel/read areas around the whole space would be fun and educational. Keeping the connection of the different spaces is so important so everyone feels that this is their place.

  
3/16/2022 05:55 PM

The ecological value of Little Shoal Bay/Wai manawa cannot be underestimated, and should be valued highly

  
3/16/2022 05:56 PM

Over the last 2 decades, the negligent and damaging effects of Little Shoal Bay Boat Owners Association (LSBBOA) have been brought to the attention of North Shore Council, Auckland Council and the Kaipatiki Local Board (KLB) on multiple occasions. In the early years LSBBOA maintained their presence through abusive behaviour with verbal, physical and legal threats. Documentary evidence of pollution both on the foreshore land and spilling into the bay has been provided to Councils and local Boards on multiple occasions by multiple individuals and local organisations but there has been little response by any of the concerned parties. People who say they like to see boats in the bay in general are not aware of the circumstances and effects brought by the continued occupation of this public space. North Shore Council initiated an annual license process to operate in a defined space of the foreshore of the reserve some 10 – 15 years ago, but successive Councils never effectively monitored or managed the license while LSBBOA continued with their activities with impunity until the most recent digger stuck in the bay incident featured on national news. The fallout from the expense of retrieval and lack of insurance for future hauling has resulted in LSBBOA quietly converting into a new entity, The “LSB Boatyard Inc”. This of course is a different organisation to which Council issued the first license to. If they are to continue operate as though there is no change in occupation, there is no change in responsibility for cleaning up the years of pollution. Department of Conservation delegated powers of responsibility results in the Local Kaipatiki Board being responsible for protecting and managing Little Shoal Bay reserve but there is a conflict of interest with some members of the board being boat sympathizers. Despite the obvious and well documented evidence of malpractice with resultant damage to the environment, the Board continue to issue the annual license. In light of continual ineffective management by both the Board and Council its my contention that it is time the Minister of Conservation called in decision making for Little Shoal Bay Reserve over this matter. There is little in the way of meaningful boat maintenance in LSB despite representatives of the new group trying to frame their activities as having made “an important contribution to the NZ sailing heritage”. Yes, there has been boat building in the bay and there is an active Sea Scout group, but the assertion by the group that their activities are part of the heritage of the bay is an opinion which is designed to deflect evidence of



activities incompatible with reserve management. The bay is monopolized for 365 days a year where community space is shrinking in times of intensification. Its effectively a cheap storage depot for unremarkable vessels from outside the area at the expense of ratepayers. The lack of adequate hardstand facilities, lack of security, lack of reporting, lack of monitoring, lack of investigating alternative legitimate hardstands for maintenance and storage (where plenty exist) are all evidence that this particular situation has gone on long enough. Just because an individual or group has done something for years and got away with it doesn't make it right, no matter what spin is put on it. Sometimes its just time for things to change and its certainly time for a change to the continual occupation of Little Shoal Bay by an outdated, minority self interest group who have overstayed their welcome.

[REDACTED]

3/16/2022 06:14 PM

Refer attachment

[REDACTED]

3/16/2022 07:56 PM

It's also important to somehow determine where the pollutants are coming from to the creek at Le Roy's where the native eels often suffer. I know that's not necessarily shoreline as it seems to come from Enterprise st, but that's really important. There needs to be tougher penalties to peoples/businesses that contaminate this area.

[REDACTED]

3/16/2022 08:31 PM

We feel it would be a shame to change the way Little Shoal Bay is as it works really well. As long as it is continued to be looked after. It would be worth while thinking about bringing more sand onto the beach as this has been eroded away over the last few years

[REDACTED]

3/16/2022 09:25 PM

Traffic should be considered as part of the evaluation. Potentially limiting through traffic could have a positive impact. Boat mooring and maintenance area should be removed from Wai Manawa to eliminate further pollution of the foreshore. Despite actively raising concerns, the Harbour master has not followed up or remedied extended foreshore mooring of derelict boats. In addition, any waste generated from boat maintenance is left in the maintenance area to wash into the sea with the next rainfall or tide.

[REDACTED]

3/16/2022 10:23 PM

There has been a recent campaign locally which seems to be against changes and doesn't accurately characterize what is planned (ie overly dramatic about losing all facilities at LSB). I suspect this is based on resistance to change and disengagement from the realities of climate change.

3/16/2022 10:29 PM

My values may seem contradictory between nature and boating but we have yachts because we love nature as they enable us to access the gulf islands and see sea life. The hard stand here has been in a grey zone for a long time therefore hasn't done significant upgrades incase they're kicked out. I do believe that a modern hardstand with proper collection and filtering of run-off would be an asset for the community as boaties are part of the community and shouldn't be cast out because of NIMBY's. I would love to go exploring on a board walk to see endemic fish. I don't think little shoal bay would be my first choice for a sunbathe and a swim I'd rather go to takapuna or milford where it is a proper beach not a mud flat no matter how much sand gets dumped there. It should be embraced and appreciated for what it is. This has been idealised by others but I don't see it as being realistic of a mud flat environment that has sewerage pumped out opposite it. I also believe that removing the hard stand and replacing it with grass doesn't enhances the bay for anyone. It would remove amenity and give very little back. The hardstand could be an adaptable space over summer when the boats aren't out for people with disabilities or roller skates, food trucks, more parking?? It has more potential than currently utilised and could bring waka ama back to the bay for local iwi.

3/16/2022 11:30 PM

Little Shoal Bay is a very valuable open green space which is a real community asset. It is regularly used by a wide range of the community for family picnicking and activities, sports and other clubs, and never more so than during this summer. I urge the Council to preserve and even enhance the facilities we have in the bay, particularly with the increasing housing and population density in the surrounding area. The last thing I want to see is our beautiful bay looking like a mangrove swamp like that in Soldiers Bay. I support retaining the road through Little Shoal Bay which provides an alternative route between Northcote Point and Birkenhead and avoids heavy traffic volume on Onewa Road.

**Optional question** (152 response(s), 243 skipped)

**Question type:** Essay Question

**Q11** | Need more room? You can attach extra pages.

[REDACTED]  
2/05/2022 04:06 PM

[REDACTED]

[REDACTED]  
3/04/2022 09:53 AM

[REDACTED]

[REDACTED]  
3/16/2022 04:44 PM

[REDACTED]

[REDACTED]  
3/16/2022 05:40 PM

[REDACTED]

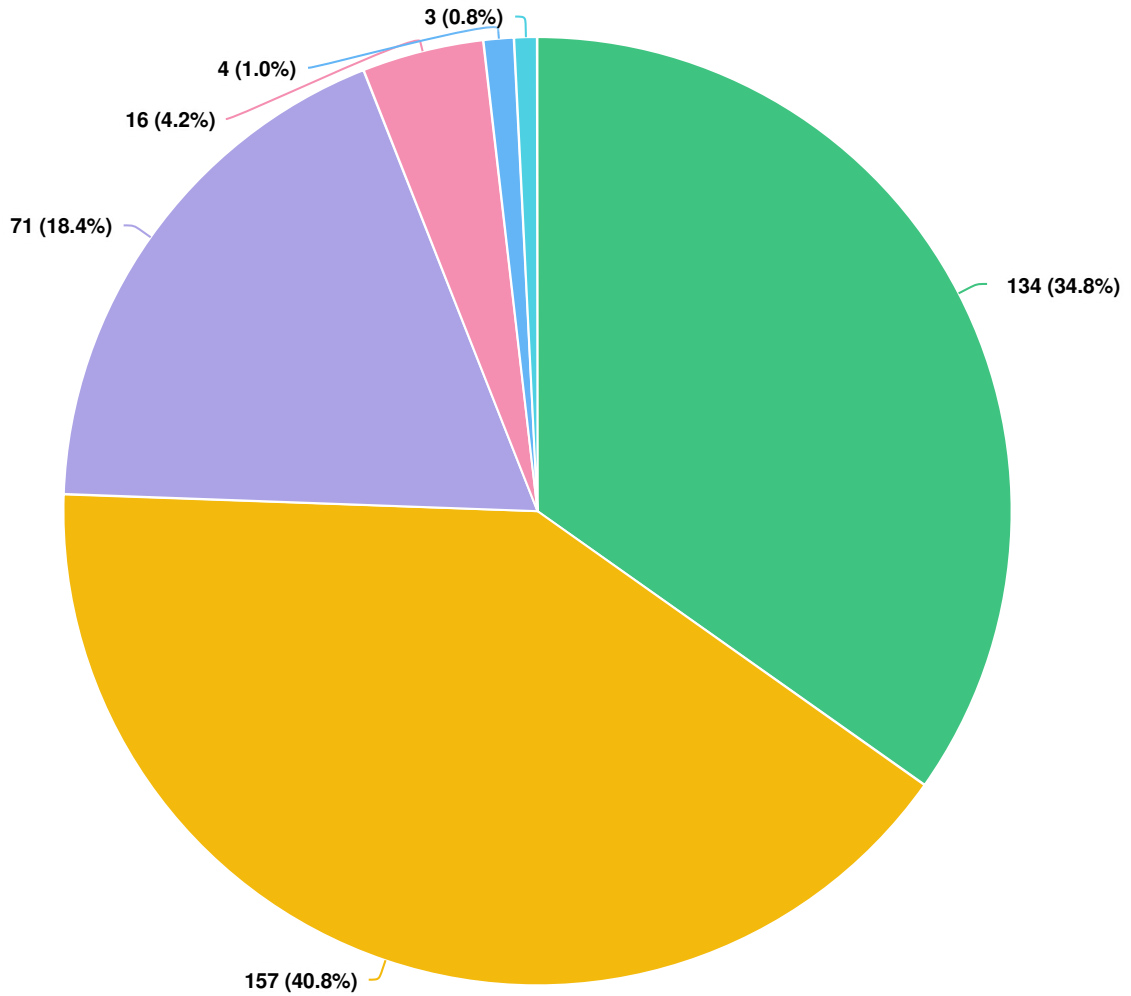
[REDACTED]  
3/16/2022 06:14 PM

[REDACTED]

**Optional question** (5 response(s), 390 skipped)

**Question type:** File Question

**Q12** How easy did you find the process of having your say?



**Question options**

- Very easy
- Quite easy
- Neither easy nor difficult
- Quite difficult
- Very difficult
- I don't know

Optional question (385 response(s), 10 skipped)  
Question type: Radio Button Question

### Q13 How could we improve the process of having your say?

1/27/2022 10:41 PM  
Add more option to select other than the three that you can manipulate to your own advantage

2/01/2022 05:55 PM  
Physical meetings to allow elderly/non tech savvy residents to have their say.

2/02/2022 08:22 AM  
The system is great.

2/02/2022 09:48 AM  
Greater communication about the availability of this forum, the reasons for it, the different groups involved and the different methods community members could be involved. I have noted it for some locals on our street Facebook page, and it seemed that prior to this very few people were aware of it. For example it could be noted on Neighbourly.

2/02/2022 09:51 PM  
Depends on if what has been said will be listened to or will do what you want anyway.

2/03/2022 06:05 AM  
Increase reach

2/03/2022 09:47 AM  
The questions are stated in a way to get the answer Auckland Council wishes, thereby preordaining the result.

2/05/2022 04:06 PM  
I could only attach the one photo to my submission. I would have attached the original photo. I do have it anyway if anyone wanted to see it.

2/07/2022 08:00 AM  
As always, finding the link to the survey is hard work. Way, way too much repeated information, a login process that doesn't help you if it recognises that you've previously created an account (I can't remember doing that), and no UX thinking apparent about what it might be like for someone to actually go through the submission process. Has been this way for years but no one seems to care.

The consultation process needs to be a democratic representation. I

2/07/2022 12:59 PM

suspect that busy new parents and less politically active young people are less likely to be involved in the process. Targetting towards them, or weighting submissions by demographic groupings might help to remove this skew.

[REDACTED]

2/08/2022 10:14 AM

Provide more detail on options to be considered.

[REDACTED]

2/09/2022 09:53 PM

Shouldn't have to register to have my say, incredibly undemocratic.

[REDACTED]

2/09/2022 11:13 PM

Signing up/creating an account on mobile was hard. The page kept jumping around.

[REDACTED]

2/10/2022 06:20 AM

The registration process is a huge hurdle to get through. It's really long and hard to do on my phone. The verification step is a horrible bit of friction - although I appreciate it's hard to get around this. Being able to use one of my million other profiles or logins to register - social, gmail, realme - would make the pain go away somewhat. Also, putting it as the first thing I have to do makes me not want to bother. What can't I do it at the end of the survey?

[REDACTED]

2/10/2022 07:56 AM

Include iwi or more kaupapa/views in the options as some would be unaware but may align to it

[REDACTED]

2/10/2022 11:05 AM

none

[REDACTED]

2/10/2022 05:24 PM

Great idea having regular links on social media

[REDACTED]

2/11/2022 07:21 AM

Beach and human sea use is under represented in the survey. I feel this is an omission. To be included it would have made the survey more representative of local interest and quicker and easier to fill out.

[REDACTED]

2/11/2022 03:31 PM

No requirement to register

[REDACTED]

2/11/2022 04:05 PM

setting up an account and logging in is a hassle. may be better having a one-off email verification for each time you want to have your say

[REDACTED]  
2/11/2022 08:02 PM

Send out notification that it is happening through the community networks including local schools and community groups.

[REDACTED]  
2/14/2022 01:03 PM

Lots of choices on LS B and it's potential were not offered, not a great survey, and possibly biased to get a desired result.

[REDACTED]  
2/14/2022 02:30 PM

Provide a bit more detail on the history of the council works taken in the past. I got much more information from the residents' association than your outline.

[REDACTED]  
2/14/2022 10:13 PM

Take on board the users opinions

[REDACTED]  
2/15/2022 10:06 AM

The registration process may be a barrier for some people

[REDACTED]  
2/15/2022 02:07 PM

Let us have our say, and not this pathetic style of limitation

[REDACTED]  
2/16/2022 02:42 PM

Making this project and others that affect the community, more public. If it wasn't for a friend who knew about this, I would not have been able to complete this survey and provide you with my contribution. As a ratepayer, I should be made aware of proposed changes

[REDACTED]  
2/17/2022 10:52 AM

am happy with current arrangement

[REDACTED]  
2/17/2022 10:16 PM

Your invitation to comment is generous.

[REDACTED]  
2/18/2022 06:36 PM

Simplified sign up process

[REDACTED]  
2/19/2022 01:31 PM

it was pretty good! Sometimes multi choice is limited choice - the survey was better than average

[REDACTED]  
2/19/2022 05:29 PM

No comment

[REDACTED]  
2/20/2022 02:04 PM

Email the form to all residents I required a friend to send me a link

[REDACTED]  
2/21/2022 01:29 PM

It is good to be able to have a say.

[REDACTED]  
2/24/2022 09:51 AM

A discussion that allows an exchange of views would probably be more fruitful than this survey. Soliciting opinions doesn't encourage examination of their validity. Having said that, I am also aware that open meetings are unwieldy and can be fractious. For me, some papers to read that outlined various positions would have been helpful. What I have found so far has been too general. and skirts around what I suspect are the contentious issues of the costs of defence against climate change, whether to allow nature to take its course and the preferences of boat owners.

[REDACTED]  
2/24/2022 03:51 PM

Listen to what is said.

[REDACTED]  
2/25/2022 11:12 AM

By making access to the survey much easier. I needed a new password to access the survey, which should have been emailed to me, and wasn't. It seems as though the Council are deliberately making the access to this survey extremely difficult , so that people give up, and don't bother to do the survey, so that the Council can say they didn't get much feedback, so obviously people are not that concerned about this matter. It was only after persistent phone calls from me , that the problem of getting a new password was solved. Is it any wonder that local ratepayers are so distrustful of Councils.

[REDACTED]  
2/25/2022 11:18 AM

Make access to the survey website more user friendly. less passwords and a simpler process.

[REDACTED]  
2/26/2022 11:51 AM

Well illustrated and set out. Choose only 3 - I presume other is one of these.

[REDACTED]  
2/26/2022 11:36 PM

Email local rate payers to get Better responses

[REDACTED]  
2/27/2022 03:28 PM

Ask local residents - put notices up on Facebook asverts



[REDACTED]  
2/27/2022 08:11 PM

N/A

[REDACTED]  
2/27/2022 09:00 PM

I thought the survey was clear and I appreciate the opportunity to give feedback. Thank you.

[REDACTED]  
2/28/2022 12:20 AM

Better mobile interface

[REDACTED]  
2/28/2022 11:17 PM

I felt the questions were loaded towards a proposal that has been submitted to the council.

[REDACTED]  
3/01/2022 04:43 PM

It was only by chance that I discovered that Little Shoal Bay was under consideration as it its future. I may have missed it in the daily paper. Fortunately saw a notice in the Library.

[REDACTED]  
3/01/2022 10:09 PM

have less of them

[REDACTED]  
3/02/2022 02:03 PM

Ability to have more than one "other" option when selecting reasons etc. The lists did not reflect my concerns sufficiently, and I could only include one "other" concern.

[REDACTED]  
3/02/2022 09:37 PM

I found the process vague and general. The tick box questions are loose and could be used to pivot meaning to suit a different purpose through planning to what the respondent intended. For example to back up any pre-conceived area design or usage agenda. True transparency would be placing up the intentions, draft options and extent of work conducted to date.

[REDACTED]  
3/03/2022 07:30 AM

I am not sure why we are only to choose one thing we like about the area - I thought the questions were biased in their options and set out in a way that the options in order of choosing was biased towards the council doing what they want and not what the people want - manipulative in the way the options were set in order

[REDACTED]  
3/03/2022 10:29 AM

Provide more balanced options across the spectrum of possible answers - not just options that clearly support the case you are trying to make.

[REDACTED]  
3/03/2022 12:07 PM

Remove the need to register an account

[REDACTED]  
3/03/2022 12:25 PM

Having it listened to and acknowledged

[REDACTED]  
3/03/2022 12:37 PM

Giving more options that are not swayed toward the agreement to the Shoreline adaption plan

[REDACTED]  
3/03/2022 07:40 PM

Not making me register for your database

[REDACTED]  
3/04/2022 09:37 AM

This system works well for me. I would be happy to meet council representatives to discuss this in person.

[REDACTED]  
3/04/2022 02:07 PM

To not have to register.

[REDACTED]  
3/04/2022 08:16 PM

Had to register first but that is done now and auto saved

[REDACTED]  
3/04/2022 09:08 PM

Make registration easier/faster with less questions. Thank you!

[REDACTED]  
3/05/2022 04:56 PM

Not having to register on the site first

[REDACTED]  
3/05/2022 06:18 PM

I believe that there has been a lot more thinking already put forward, but this survey doesn't appear to cover that

[REDACTED]  
3/06/2022 04:43 PM

Having a say isn't a problem but it often feels as though the feedback from the local citizens is ignored or overridden.

[REDACTED]  
3/07/2022 01:21 PM

I only heard through the grapevine that this issue, right on my doorstep, was in discussion. I live on Northcote Point, a 5 min walk to Little Shoal Bay. I would loved to have been asked my opinion directly. A leaflet drop in everyone's mailbox would have been good.

[REDACTED]  
3/07/2022 04:16 PM

It's pretty good. As with any survey, the questions asked can be quite limiting, but I understand this.

[REDACTED]  
3/07/2022 05:22 PM

It would be good to be anonymous, I know I am going to pay for having my say.

[REDACTED]  
3/07/2022 09:56 PM

On site information sessions with interested people

[REDACTED]  
3/08/2022 08:51 AM

Not sure whether it's an opportunity to improve the process however, the amount of material on the landing page was perhaps a little overwhelming.

[REDACTED]  
3/08/2022 09:05 AM

People can only have a say if they know something is happening. I think the council needs to put more effort into advising the local community about what is happening and giving adequate time for people to meet, discuss and respond. The survey is a good mechanism for feedback but there is no point if the consultation process preceding it isn't adequate.

[REDACTED]  
3/08/2022 12:06 PM

Don't restrict answers by giving just a few yes or no choices, especially some with unclear implications.

[REDACTED]  
3/09/2022 04:20 PM

This needs to be more widely advertised, I heard about this by word of mouth, everyone I've spoken to about this is absolutely horrified that the council may make the changes. It is such a popular recreational spot - at all times of day and evening, so many people enjoying the park and water activities. To ensure that people are informed of the proposal and it is a fair and thorough consultation process this should be advertised at Little Shoal Bay, in the local school, crèche, community group and church newsletters etc.

[REDACTED]  
3/09/2022 06:42 PM

By giving more time for feedback

[REDACTED]  
3/09/2022 08:00 PM

The registration process was flawed requiring me to restart because of simple typos

[REDACTED]  
3/10/2022 09:11 AM

Better graphics and visuals, and simpler more condensed information. Employ a graphic designer for visuals not engineers.

[REDACTED]  
3/10/2022 11:21 AM

Letting more people know what you are up to

[REDACTED]  
3/10/2022 09:26 PM

Very straight forward and easy to answer questions

[REDACTED]  
3/11/2022 02:15 PM

I have only found out about this because of the "SAVE OUR BAY" signs in the neighbourhood. I'm surprised you did not send a leaflet to all households in the area making it clear what you are doing and giving us the opportunity to provide feedback.

[REDACTED]  
3/11/2022 02:54 PM

stop making it a log in page

[REDACTED]  
3/11/2022 07:39 PM

N/A

[REDACTED]  
3/12/2022 09:13 AM

Not having to sign in - you should simply have to provide an email or rates number or other identifying info

[REDACTED]  
3/12/2022 04:43 PM

I can't see how I get a copy of my submission

[REDACTED]  
3/12/2022 10:08 PM

Refer my attached letter, at last two paragraphs.

[REDACTED]  
3/13/2022 10:53 PM

Not having to register

[REDACTED]  
3/14/2022 11:04 AM

It is slightly frustrating having to set up an account.

[REDACTED]  
3/14/2022 12:34 PM

Some fields on the registration form are not responding from the first or second try. It's not easy to fill them.

[REDACTED]  
3/14/2022 02:08 PM

Maybe a residence meeting once in a while.

[REDACTED]  
3/14/2022 02:33 PM

As noted, I did not like the three choices only structure.

[REDACTED]  
3/14/2022 09:27 PM

make it easier to find this feedback page.

[REDACTED]  
3/14/2022 09:52 PM

The various options for the bay, I believe, could be set out more clearly. In particular, I would have liked to learn how some of the recreational space could be maintained while at the same time improving the foreshore and the water quality and general environment. These are all equally important objectives in my view. I would also have liked to see much more publicity around these possible changes in order to raise public awareness. If the aim is to gather the views of people who actually visit Little Shoal Bay on a regular basis, surely there could have been some large signs around the bay itself, alerting the community to the council's public consultation process. As far as the survey goes, some of these questions are not well framed in my opinion. Choosing 3 answers for the multi-choice questions is not, I think, particularly useful when most of the options are not, or should not be, mutually exclusive; many of them seem to me to be equally essential.

[REDACTED]  
3/15/2022 02:33 PM

Don't make me register

[REDACTED]  
3/15/2022 08:08 PM

Printed signs put up in the area would have been very good.

[REDACTED]  
3/15/2022 09:13 PM

The survey seems to be intended to manipulate the data. This is poor design and suggests an agenda.

[REDACTED]  
3/15/2022 10:06 PM

Be clearer on your questions - they are all general which will lead to general answers and leave the consultation open to lots of random feedback as opposed to specific.

[REDACTED]  
3/15/2022 10:33 PM

Pretty well done as it is.

[REDACTED]  
3/15/2022 10:34 PM

Nothing really as seems to be a good balance between salient one tick selection and personal opinion.

[REDACTED]  
3/15/2022 11:17 PM

Not limit items to only 3 options when more apply. Avoid options which overlap with other options.

[REDACTED]  
3/15/2022 11:19 PM

Make your questions more open ended. (I know that makes it harder to analyse responses.) Duplication of concepts makes answering tricky eg climate change encompasses several other categories you list.

[REDACTED]  
3/16/2022 12:12 AM

as is, is perfectly adequate

[REDACTED]  
3/16/2022 12:32 AM

I hope that there will be a chance to provide feedback on the plan once it is formulated, and before it is finalised.

[REDACTED]  
3/16/2022 09:12 AM

By not having to go through the process of having to register to be able to make a submission. It was a frustrating process and does not encourage participation having to create an account

[REDACTED]  
3/16/2022 11:58 AM

Include links with the rates bills that are emailed out, maybe?

[REDACTED]  
3/16/2022 04:21 PM

Doing a letter box drop in the area. The Council needs to remember that not everyone has internet or wants to sign up for every communication going. Many older people did not know about this and had no way to sign up or make a submission. It undermines trust in KLB.

[REDACTED]  
3/16/2022 04:44 PM

I don't see why a login, password and profile have to be created in order to make a submission, this seems unnecessarily intrusive. A name and contact details should be enough.

[REDACTED]  
3/16/2022 05:40 PM

see previous comments

[REDACTED]  
3/16/2022 05:43 PM

Perhaps the link to the survey could be more prominently placed.

[REDACTED]  
3/16/2022 07:56 PM

Make sure you listen to the community first, work from there as to the ideal vision, and bring in the experts (coastal engineers) to achieve the goals desired by the community that actually uses it. Make sure you also let the community know honestly what is discovered with regards to contamination.

██████████  
3/16/2022 10:29 PM

add more workshops when workshops are full or maybe provide a summary of points discussed so that you can see if what you want to say has already been discussed.

██████████  
3/16/2022 11:25 PM

No problem keep up the good work

██████████  
3/17/2022 12:17 PM

Dealing with council can be very frustrating - how can some queries take 10 working days to be answered? In the private sector this would not be acceptable

**Optional question** (108 response(s), 287 skipped)

**Question type:** Essay Question



To find out more email:  
[shorelineadaptationplans@aucklandcouncil.govt.nz](mailto:shorelineadaptationplans@aucklandcouncil.govt.nz)