

AK HAVE YOUR SAY

National Policy Statement for Freshwater Management 2020 (Te Mana o te Wai)

Summary of Auckland Council's preliminary consultation feedback received between 13 June and 17 July 2022

Analysis conducted by Auckland Insights, Democracy and Engagement

Implementing the National Policy Statement for Freshwater Management 2020

Te take mō te pūrongo

Purpose of the report

The information in this report summarises feedback received during the public consultation period of 13 June to 17 July 2022 regarding Auckland Council implementing the National Policy Statement for Freshwater Management 2020 for Auckland.

This report aims to capture key themes regarding the views and preferences of those that submitted feedback, rather than detail every point of feedback received. This report does not include any advice or recommendations for decision making.

Whakarāpopototanga matua

Executive summary

TOTAL PIECES OF FEEDBACK RECEIVED: 626

Overview of the consultation

The National Policy Statement for Freshwater Management (NPSFM) 2020 is a Government policy that sets the direction on how freshwater should be managed in New Zealand. The NPSFM's fundamental concept is Te Mana o te Wai. It prioritises the health and wellbeing of water bodies and freshwater ecosystems, the health needs for people (such as drinking water), and the ability of people and communities to provide for their social, economic, and cultural wellbeing, now and in the future.

We need to amend the Auckland Unitary Plan (AUP) and develop action plans to give effect to the NPSFM including Te Mana o te Wai. This will affect how we use and develop land where it affects freshwater, and how we use and protect freshwater.

We consulted with the public to understand what freshwater bodies people use or value, what they use them for and what they value. We also asked what freshwater bodies they would like to be able to use in the future. People were able to give feedback via our online feedback form, a Social Pinpoint tool (an interactive mapping tool to provide site-specific comments), hard copy feedback forms, email, and library displays where feedback could be provided on post-it notes.

The following is a high-level summary of the results from this consultation:

- Overall, submitters raised over 200 individual sites of value to them, while many talked more generally about particular types of, or all, freshwater bodies
- The sites named were most commonly located in the Franklin, Rodney, Waitākere Ranges and Waitematā Local Board areas

- The values most commonly raised in relation to how submitters' use, and would like to use, those freshwater bodies related to:
    - Ecosystem health – including water quality and habitat (both generally and for threatened species) in particular
    - Natural form and character
    - Drinking water supply
    - Human contact (that is, for recreational purposes such as swimming, boating or fishing).

These themes consistently remained the most raised across all questions.

Further detail for each question can be found in the body of the report.

Who we heard from

A detailed breakdown of providers of feedback that provided demographic information when submitting feedback is provided in **Attachment One**. Some key points include:

- Over half (54 per cent) were over the age of 54 years, around a quarter (26 per cent) were between the ages of 35 and 54, and the rest (20 per cent) between 15 and 34 years
    - Regarding youth participation, no feedback was identified via the feedback form from anyone under the age of 15 years, and six per cent were between 15 and 24 years
- 94 per cent were of European ethnicity, 13 per cent identified as Māori, six per cent identified as Asian, and three per cent identified as Pasifika.

Local board breakdowns

Data tables naming freshwater bodies, and their number of mentions, by local board can be found in **Attachment Two**.

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Horopaki

Context

The National Policy Statement for Freshwater Management (NPSFM) 2020 is a Government policy that sets the direction on how freshwater should be managed in New Zealand. This is the fourth version of the NPSFM, with earlier versions being introduced in 2011, 2014, and 2017.

The NPSFM's fundamental concept is Te Mana o te Wai. This refers to the importance and wellbeing of water. It prioritises:

- First, the health and wellbeing of water bodies and freshwater ecosystems.
- Second, the health needs for people, such as drinking water.
- Third, the ability of people and communities to provide for their social, economic, and cultural wellbeing, now and in the future.

These priorities were introduced by central Government. They aim to restore and preserve the balance between water, the wider environment, and our communities.

We need to amend the Auckland Unitary Plan (AUP) and develop action plans to give effect to the NPSFM including Te Mana o te Wai. This will affect how we use and develop land where it affects freshwater, and how we use and protect freshwater.

We consulted with the public to understand what freshwater bodies people use or value, what they use them for and what they value. We also asked what freshwater bodies they would like to be able to use in the future.

We received feedback from a number of channels, including:

- 128 online feedback forms
- 343 site-specific comments (from 84 submitters) via the Social Pinpoint mapping tool
- 12 hard copy feedback forms
- 23 emails, and
- 120 comments via library displays where feedback could be provided on post-it notes.

Questions asked via Social Pinpoint and library displays did not exactly replicate questions from the online and hard copy feedback forms but did align to particular questions. This report will address where that feedback aligns and is included in analysis below.

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Feedback

The following breakdown of feedback received summarises responses from individuals and organisations. Most questions were open questions and, in these cases, responses were themed as they relate to the values set out in the NPSFM. To begin each section, each question is stated as it was presented on our online and hard copy feedback forms.

We have not provided specific breakdowns of feedback from individuals as compared to organisations for most questions, as the number of organisations providing feedback was relatively low (30). Nevertheless, these submissions can be made available to review if requested.

Similarly, we have not provided specific breakdowns of feedback from Māori submitters as the number of submissions received by individuals identifying as Māori is relatively low (16). Separate engagement with mana whenua is underway and on-going throughout the NPSFM programme.

Freshwater Bodies, Values and Use

1.1 What bodies, or areas, of freshwater (for example, lakes, rivers, wetlands or aquifers) do you use, or value?

Submitters were asked to provide their response in an open question (n=219)

We received 219 pieces of feedback (from 138 submitters) identifying over 89 different sites, while some referred more generally to particular types of, or all, freshwater bodies. Note, when one submitter identified more than one site, each site was counted as one piece of feedback.

The most named individual freshwater bodies were:

- Lake Pupuke, Devonport-Takapuna Local Board (8)
- Te Auaunga/Oakley Creek, Albert-Eden Local Board (7)
- Western Springs, Waitematā Local Board (6).

The most named sites at a local board level were (**Attachment Two** has a detailed breakdown):

- 27 sites in Franklin Local Board
- 27 sites in Waitākere Ranges Local Board
- 20 sites in Rodney Local Board
- 18 sites in Waitematā Local Board.

In addition, 63 mentioned types of sites across multiple or all local board areas, and 10 mentioned sites outside Auckland (mostly notably, Waikato River with five mentions).

1.2 What do you use these freshwater areas for?

Submitters were asked to provide their response in an open question (n=215)

The most commonly identified uses, or values, relating to the freshwater bodies, identified in the question above, referred to:

- Natural form and character (105)

  That is, the naturally occurring qualities that people value about a particular waterbody and/or the feeling that being in the natural environment around water gives them
- Human contact (103)

  That is, people being able to use the water for recreational purposes such as swimming, boating, or fishing at all times (not dependent on water level or quality)
- Ecosystem health – habitat (54)

  That is, the health of freshwater environments/landscapes that support trees, plant and/or bird life
- Drinking water supply (34)

  That is, ensuring there is a sufficient supply of water that is safe to drink
- Ecosystem health – water quality (30)

  That is, the general quality of water (free of contaminants) and its ability to support marine and/or plant life.

Freshwater values

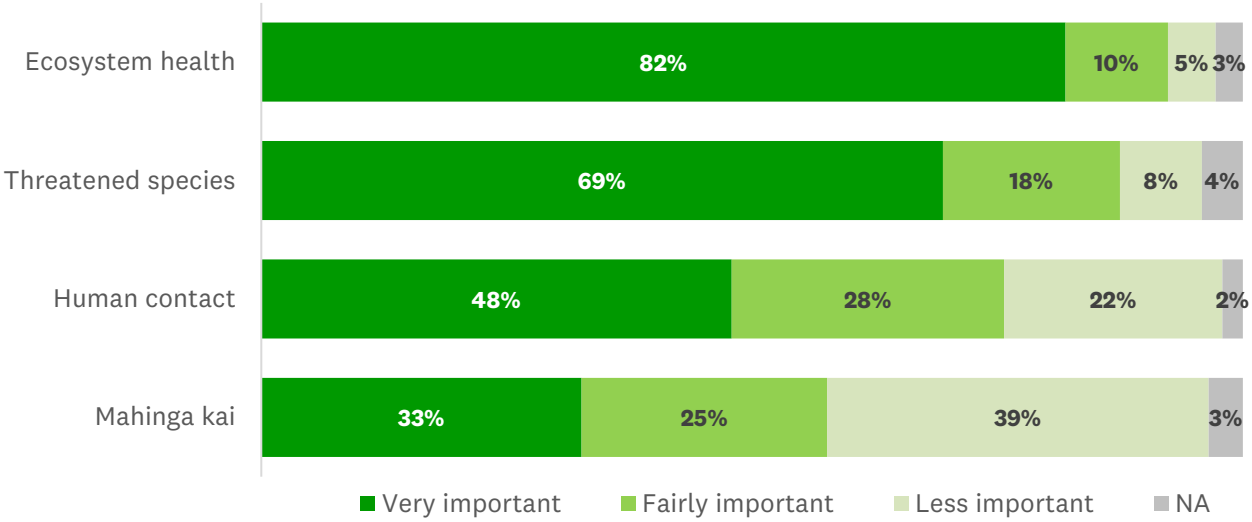
Core values

The NPS-FM has four values (that have been set by the government) and which we must apply in managing freshwater in Auckland. These are:

- **Ecosystem health:** An ecosystem appropriate to the type of freshwater body (for example, a river, lake, wetland or aquifer). This includes the amount of water, water quality, habitat, aquatic life and ecological processes.
- **Human contact:** People being able to use the water for recreational purposes such as swimming, waka, boating, fishing, mahinga kai, and water skiing, at all times and not dependent on water quality, flow rates or varying water levels.
- **Threatened species:** Water bodies should provide the critical habitats and conditions necessary to support the presence, survival, and recovery of the relevant threatened species. All of the components of ecosystem health must be managed, even if only for part of the life cycle of the threatened species.
- **Mahinga kai:** This generally refers to freshwater species that have traditionally been used as food, tools, or other resources. It also refers to the places those species are found and to the act of catching or harvesting them.

2.1 When thinking about the bodies of water you use, or value, overall how important are these values to you?

Submitters were asked to select one of the following options for each of the compulsory values (n=144)



Values	Very important	Fairly Important	Less Important	NA (No response)	TOTAL
Ecosystem health	82%	10%	5%	3%	144
Threatened species	69%	18%	8%	4%	144
Human contact	48%	28%	22%	2%	144
Mahinga kai	33%	25%	39%	3%	144

As outlined above, the most supported value for freshwater bodies was **ecosystem health**, with 82 per cent defining it as very important.

This was followed by **threatened species** (69 per cent "very important"), **human contact** (48 per cent "very important"), and **mahinga kai** (33 per cent "very important").

There was some difference in the responses from organisations – **ecosystem health** was still the most highly rated value (15 of 19 organisations selecting very important), however the next most highly rated value was **human contact** with 13 organisations selecting very important. **Threatened species** was rated very important by 11 organisations, and **mahinga kai** rated very important by eight organisations.

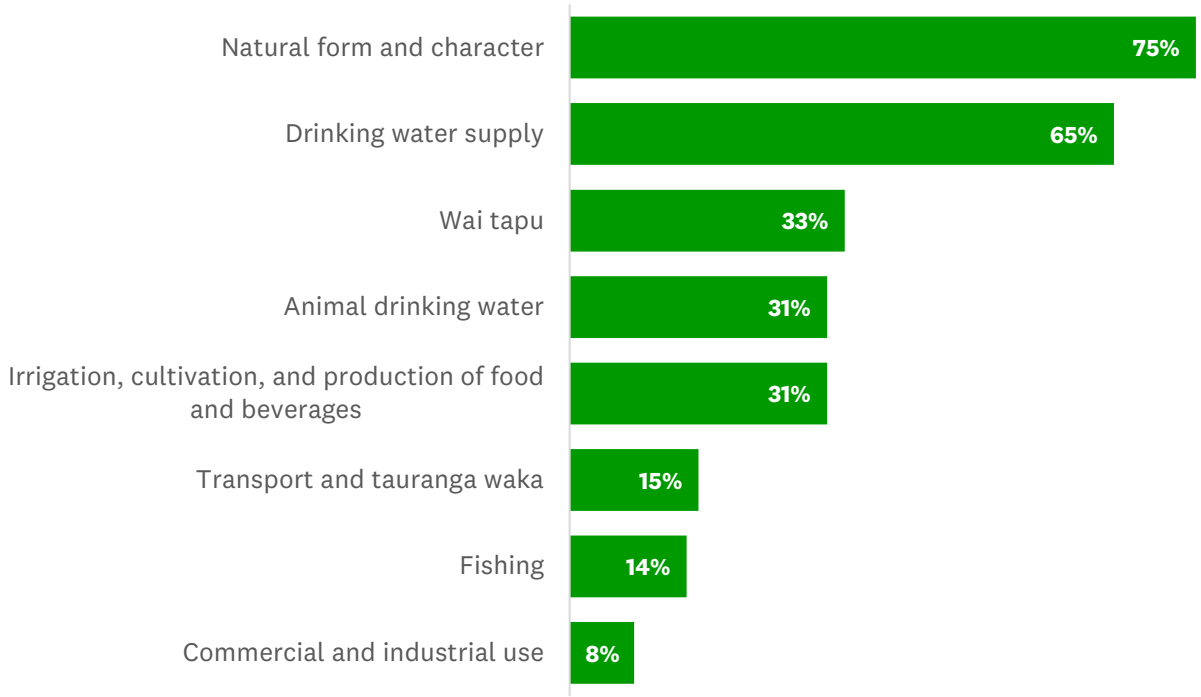
Other key values

The NPS-FM also requires us to consider the following values in managing water:

- **Natural form and character:** The naturally occurring qualities that people value about a particular waterbody, i.e. naturally occurring patterns, unique landforms or vegetation cover etc.
- **Drinking water supply:** Ensuring there is a sufficient supply of water that is safe to be used for drinking
- **Wai tapu:** Places of significance to tanagta whenua, or an area where rituals and ceremonies can be performed.
- **Transport and tauranga waka:** A place thar can be used to launch waka and other watercraft, and appropriate for waka to land (tauranga waka)
- **Fishing:** The ability to fish for permitted species
- **Animal drinking water:** Ensuring there is enough drinking water to meet the needs of farmed animals.
- **Irrigation, cultivation, and production of food and beverages:** Ensuring we can meet the Irrigation needs for the cropping, farming, or any other purposes.
- **Commercial and industrial use:** Adequate supply for use by businesses and industrial activities.

3.1 When thinking about the bodies of water you use, or value, which of these values are most important to you?

Submitters were asked to select up to three of the following options for other values (n=143)



Values	Selections	%
Natural form and character	107	75%
Drinking water supply	93	65%
Wai tapu	47	33%
Animal drinking water	44	31%
Irrigation, cultivation, and production of food and beverages	44	31%
Transport and tauranga waka	22	15%
Fishing	20	14%
Commercial and industrial use	11	8%

Two values were clearly more important to submitters than others – **natural form and character** (75 per cent selected), and **drinking water supply** (65 per cent selected).

Around a third of submitters selected **wai tapu**, **animal drinking water**, and **irrigation, cultivation and production of food and beverages**. There was less interest in transport and **tauranga waka**, **fishing**, and **commercial and industrial use**.

The one difference of note from organisations' submissions was a slightly higher rate of selection for **irrigation, cultivation and production of food and beverages**, due to submissions from organisations in the horticultural sector.

Other values important to the public

We also wanted to know if people had any other values that we should consider when managing water.

4.1 Are there any other values that you think are important for managing freshwater in general?

Submitters were asked to provide their response in an open question (n=106)

Most responses to this question reiterated, or raised themes that aligned with, the values already outlined. For example:

- 27 comments aligned to ecosystem health – water quality
- 26 comments aligned to ecosystem health – habitat
- 12 comments aligned with human contact.

46 comments did raise other values, most of which talked generally about protecting, restoring and/or improving our waterways for future generations.

Within that there were also themes of managing water quality and safety with respect to industry and property development, and a need to educate people to appreciate the value of these waterways, and how to respect them.

Freshwater bodies

Freshwater bodies people use or value

The following question was asked to gather more specific feedback on what people value about the freshwater bodies they use, or are important to them.

This question is presented as asked on the online and hard copy feedback forms. It also aligned with comments gathered in local libraries ("What do you value about freshwater in your local area?" and "What improvements would you like to see for freshwater in your local area?"), and a pin available via the Social Pinpoint element of the consultation ("I value this freshwater body because…").
Most comments from libraries were general in nature, typically not identifying actual freshwater bodies. For reporting purposes, this report combines comments from all sources.

Note – submitters could have submitted via more than one channel.

5.1 What do you value about the freshwater bodies you use or that are important to you?

People were asked to provide the name of the freshwater bodies they use/value, and why in one open question (n=427)

We received 427 pieces of feedback, identifying over 158 different sites. An additional 119 referred more generally to particular types of, or all, freshwater bodies.

The most named individual freshwater bodies were:

- Lake Pupuke, Devonport-Takapuna Local Board (22)
- Franklin acquifers (multiple points across the Pukekohe specified vegetable growing area), Franklin Local Board (20)
- Te Auaunga/Oakley Creek, Albert-Eden and Puketāpapa Local Boards (13)
- Western Springs, Waitematā (8).

The most named sites at a local board level were (**Attachment Two** has a detailed breakdown):

- 86 sites in Franklin Local Board
- 49 sites in Waitematā Local Board
- 47 sites in Rodney Local Board
- 44 sites in Waitākere Ranges Local Board
- 29 sites in Devonport-Takapuna Local Board.

In addition, 33 pieces of feedback mentioned types of sites across multiple or all local board areas, and 13 mentioned sites outside Auckland (mostly notably, Waikato River with seven mentions).

The most common values/uses for these sites were:

- Natural form and character (129)

  That is, the naturally occurring qualities that people value about a particular waterbody and/or the feeling that being in the natural environment around water gives them
- Human contact (102)

  That is, people being able to use the water for recreational purposes such as swimming, boating, or fishing at all times (not dependent on water level or quality)
- Ecosystem health – habitat (71)

  That is, the health of freshwater environments/landscapes that support trees, plant and/or bird life
- Ecosystem health – water quality (64)

  That is, the general quality of water (free of contaminants) and its ability to support marine and/or plant life.

5.2 What is your hope for the future state of this water body?

People were asked to provide their response in an open question (n=241)

The most common values regarding the future state of these sites were:

- Ecosystem health – water quality (87)

  That is, the general quality of water (free of contaminants) and its ability to support marine and/or plant life.
- Human contact (39)

  That is, people being able to use the water for recreational purposes such as swimming, boating, or fishing at all times (not dependent on water level or quality)
- Ecosystem health – habitat (37)

  That is, the health of freshwater environments/landscapes that support trees, plant and/or bird life.

Freshwater bodies people are concerned about

The following question was asked to gather feedback on what freshwater bodies people feel they would like to use but can't, due to concerns about the water body.

This question is presented as asked on the online and hard copy feedback forms. It also aligned with a pin available via the Social Pinpoint element of the consultation ("I am concerned about this freshwater body because…"). For reporting purposes, this report combines comments from all sources.

Note – submitters could have submitted via more than one channel.

6.1 What freshwater bodies are you not able to use in the way you would like to be able to? Can you tell us why this is?

People were asked to provide name of the freshwater body they use/value, and why in one open question (n=231)

We received 231 pieces of feedback, identifying over 110 different sites. An additional 29 referred more generally to particular types of, or all, freshwater bodies.

The most named individual freshwater bodies were:

- Glen Eden River (Matakana), Rodney Local Board (12)
- Matakana River, Rodney Local Board (11)
- Cox's Bay Reserve/Opoutukeha, Waitematā Local Board (7)
- Wai Manawa/Le Roys Bush Reserve, Kaipātiki Local Board (7).

The most named sites at a local board level were (**Attachment Two** has a detailed breakdown):

- 44 sites in Rodney Local Board
- 23 sites in Waitematā Local Board
- 20 sites in Franklin Local Board.

In addition, 30 mentioned types of sites across multiple or all local board areas, and eight mentioned sites outside Auckland (most notably, Pokeno with five mentions).

6.2 What is your hope for the future state of this water body?

People were asked to provide their response in an open question (n=231)

The most common values regarding why submitters are concerned about and/or cannot use these freshwater bodies, and their hope for the future state of these sites, were:

- Ecosystem health – water quality (159)

  That is, the general quality of water (free of contaminants) and its ability to support marine and/or plant life.
- Human contact (52)

  That is, people being able to use the water for recreational purposes such as swimming, boating, or fishing at all times (not dependent on water level or quality)
- Ecosystem health – habitat (43)

  That is, the health of freshwater environments/landscapes that support trees, plant and/or bird life

Freshwater bodies people would like to use in the future

The following question was asked to gather feedback on what freshwater bodies people would like to be able to use in the future, and how.

This question is presented as asked on the online and hard copy feedback forms. It also aligned with a pin available via the Social Pinpoint element of the consultation ("In future, I would like this freshwater body to be…"). For reporting purposes, this report combines comments from all sources.

Note – submitters could have submitted via more than one channel.

7.1 What bodies of freshwater would you like to use in future, and how?

People were asked to provide name of the freshwater body they use/value, and how in one open question (n=176)

We received 176 pieces of feedback, identifying over 105 different sites. An additional 35 referred more generally to particular types of, or all, freshwater bodies.

The most named individual freshwater bodies were:

- Franklin acquifers (multiple points across the Pukekohe specified vegetable growing area), Franklin Local Board (8)
- Tamaki River, Howick, Maungakiekie-Tāmaki and Ōrākei Local Boards (6)
- Whau River, Henderson-Massey and Whau Local Boards (4).

The most named sites at a local board level were (**Attachment Two** has a detailed breakdown):

- 26 sites in Franklin Local Board
- 24 sites in Waiheke Local Board
- 16 sites in Rodney Local Board
- 14 sites in Waitākere Ranges Local Board.

In addition, 34 mentioned types of sites across multiple or all local board areas, and one mentioned a site outside Auckland (Lake Arapuni, on the Waikato River).

7.2 What is your hope for the future state of this water body?

People were asked to provide their response in an open question (n=176)

The most common values regarding how submitters would like to use these freshwater bodies, and their hope for the future state of these sites, were:

- Human contact (82)

  That is, people being able to use the water for recreational purposes such as swimming, boating, or fishing at all times (not dependent on water level or quality)

- Ecosystem health – water quality (53)

  That is, the general quality of water (free of contaminants) and its ability to support marine and/or plant life.
- Natural form and character (34)

  That is, the naturally occurring qualities that people value about a particular waterbody and/or the feeling that being in the natural environment around water gives them.

Freshwater Management Areas

8.1 Do you have any feedback on the three Freshwater Management Areas?

People were asked to provide their feedback in an open question (n=68)

We received 68 pieces of feedback on this question. Submitters were not directly asked whether or not they supported the Freshwater Management Units (FMUs).

Of the responses provided:

- 14 expressed support for the proposed FMUs
- 24 suggested changes to the rationale, including identifying more FMUs, or sub-FMUs, and more location specific management plans
- 8 felt the scale of the proposed FMUs is too large
- 18 comments related to general matters, not specific to the identification of the FMUs
- 12 comments were considered to be out of scope of the NPS-FM.

Feedback regarding non-FMU specific matters included wetlands, the need for more transparency and action, concern on water quality, the need to prioritise ecosystem health, farming/vegetable growing and flooding.

The NPSFM provides for a specified vegetable growing area in Pukekohe that sits within the Manukau FMU. Some comments related to the provision for horticultural land use in Pukekohe:

- 3 supported the provision for continued horticultural use, including irrigation
- 3 expressed concerns about the impact of horticultural activities on water quality (streams, and aquifers) particularly from fertiliser and nitrates.

Other feedback

9.1 Do you have any other feedback on the way freshwater is currently managed in Auckland?

People were asked to provide their feedback in an open question (n=103)

103 submitters provided comment on this question. Most raised issues or aspirations for future environmental outcomes (65). Most of which reiterated points from previous questions, particularly removing contaminants and rubbish from our waterways to improve water quality (39), and to a lesser degree, additional themes like encouraging more residents to collect their own rainwater.

Ngā tāpirihanga

Attachments

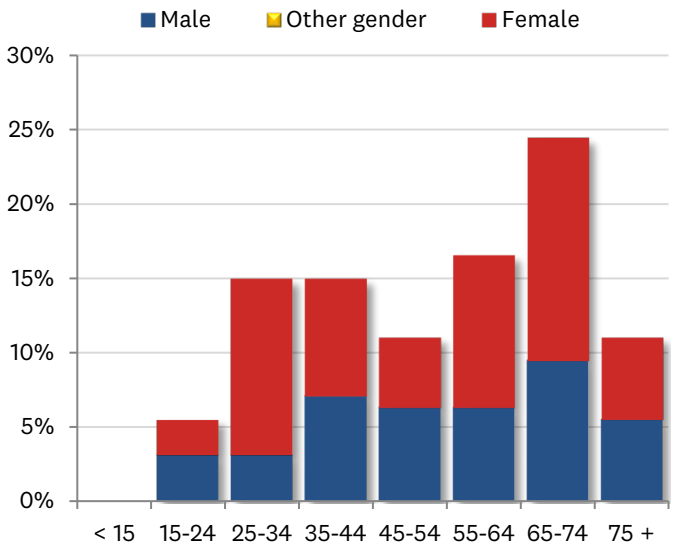
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ATTACHMENT ONE: Who we heard from

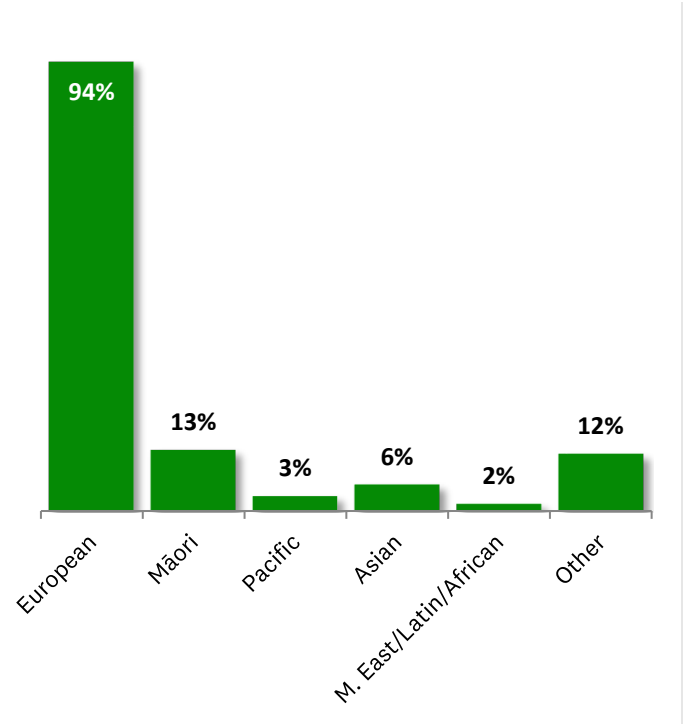
The tables below indicate the demographic profile of those that answered the demographic questions.

Note – demographic information was only asked for on our online and hard copy feedback forms.

AGE	Male	Female	Other gender	Total	%
< 15	0	0	0	0	0%
15 – 24	4	3	0	7	6%
25 – 34	4	15	0	19	15%
35 – 44	9	10	0	19	15%
45 – 54	8	6	0	14	11%
55 – 64	8	13	0	23	18%
65 – 74	12	19	0	31	24%
75 +	7	7	0	14	11%
Total submitters providing data				**127**	**100%**



ETHNICITY	#	%
European	**117**	**94%**
Pākehā/NZ European	104	83%
Other European	13	10%
Māori	**16**	**13%**
Pasifika	**4**	**3%**
Samoan	1	1%
Tongan	1	1%
Other Pasifika	2	2%
Asian	**7**	**6%**
Chinese	5	4%
Indian	2	2%
Southeast Asian	0	0%
Other Asian	0	0%
Middle Eastern/Latin American/African	**2**	**2%**
Other (incl. Kiwi/New Zealander)	**15**	**12%**
Total submitters providing data	**125**	**NA***



* Note: will add to more than 100 per cent as submitters could identify with more than one ethnicity

We received feedback from a number of channels, including:

- 128 online feedback forms
- 343 site-specific comments (from 84 submitters) via the Social Pinpoint mapping tool
- 12 hard copy feedback forms
- 23 emails, and
- 120 comments via library displays where feedback could be provided on post-it notes.

The table below indicates the total number of submissions received by the local board that submitters live in.

RESIDENT LOCAL BOARD	#	%
Albert-Eden	20	7%
Aotea/Great Barrier	0	0%
Devonport-Takapuna	25	9%
Franklin	56	20%
Henderson-Massey	23	8%
Hibiscus and Bays	12	4%
Howick	20	7%
Kaipātiki	9	3%
Māngere-Ōtāhuhu	5	2%
Manurewa	3	1%
Maungakiekie-Tāmaki	6	2%
Ōrākei	8	3%
Ōtara-Papatoetoe	0	0%
Papakura	0	0%
Puketāpapa	2	1%
Rodney	16	6%
Upper Harbour	3	1%
Waiheke	1	>1%
Waitākere Ranges	15	5%
Waitematā	38	13%
Whau	4	1%
Regional organisation	9	3%
Other (Not supplied or outside Auckland)	8	3%

ATTACHMENT TWO: Freshwater bodies named

The following tables only identify water bodies, not values provided in relation to these water bodies.

1.1 What bodies, or areas, of freshwater (for example, lakes, rivers, wetlands or aquifers) do you use, or value?

Local Board	Site	FMU	Count
Albert-Eden	Te Auaunga/Oakley Creek	Hauraki FMU	7
Albert-Eden	Walmer Reserve	Hauraki FMU	2
Devonport-Takapuna	Lake Pupuke	Hauraki FMU	8
Devonport-Takapuna	Multiple	Hauraki FMU	1
Franklin	Franklin aquifers	Manukau FMU	5
Franklin	Hingaia Stream	Manukau FMU	1
Franklin	Hunua Falls	Hauraki FMU	1
Franklin	Kawakawa Bay Stream	Hauraki FMU	1
Franklin	Mauku Stream	Manukau FMU	5
Franklin	Multiple	Multiple	2
Franklin	Ngakoroa Stream	Hauraki FMU	1
Franklin	Taihiki River	Manukau FMU	2
Franklin	Wairoa River	Manukau FMU	1
Franklin	Waitangi Stream	Manukau FMU	1
Franklin	Waiuku River	Manukau FMU	2
Franklin	Whangamaire Stream	Manukau FMU	3
Franklin	Whangapouri Stream	Manukau FMU	2
Henderson-Massey	Opanaku Stream	Hauraki FMU	1
Henderson-Massey	Pixie Stream	Hauraki FMU	1
Henderson-Massey	Te Wai o Pareira/Henderson Creek	Hauraki FMU	1
Henderson-Massey	Waikumete Stream	Hauraki FMU	1
Hibiscus and Bays	Bayside Reserve pond	Hauraki FMU	1
Hibiscus and Bays	Browns Bay Beach	Hauraki FMU	1
Hibiscus and Bays	Deep Creek	Hauraki FMU	1
Hibiscus and Bays	Multiple	Hauraki FMU	1
Hibiscus and Bays	Orewa River	Hauraki FMU	1
Hibiscus and Bays	Sherwood Reserve	Hauraki FMU	1
Hibiscus and Bays	Taiotea Stream	Hauraki FMU	1
Howick	Botany Creek	Hauraki FMU	1
Howick	Cockle Bay	Hauraki FMU	1

Local Board	Site	FMU	Count
Howick	Mangemangeroa river	Hauraki FMU	1
Howick	Tamaki River	Hauraki FMU	1
Kaipātiki	Akoranga Reserve	Hauraki FMU	1
Kaipātiki	Little Shoal Bay Reserve	Hauraki FMU	1
Kaipātiki	Onepoto	Hauraki FMU	1
Kaipātiki	Wai Manawa/Le Roys Bush Reserve	Hauraki FMU	1
Māngere-Ōtāhuhu	Harania Stream	Manukau FMU	1
Māngere-Ōtāhuhu	Mangere Lagoon	Manukau FMU	1
Māngere-Ōtāhuhu	Multiple	Manukau FMU	1
Māngere-Ōtāhuhu	Oruarangi Creek	Manukau FMU	1
Māngere-Ōtāhuhu	Pukaki Stream	Manukau FMU	1
Māngere-Ōtāhuhu	Te Ararata Stream	Manukau FMU	1
Manurewa	Puhinui Stream	Manukau FMU	1
Maungakiekie-Tāmaki	Onehunga Springs	Manukau FMU	1
Maungakiekie-Tāmaki	Panmure Basin	Hauraki FMU	1
Ōrākei	Waiata Reserve	Hauraki FMU	1
Rodney	Cement Works, Mahurangi	Hauraki FMU	1
Rodney	Glen Eden River, Matakana	Hauraki FMU	1
Rodney	Hoteo River	Hauraki FMU	1
Rodney	Kawau Bay	Hauraki FMU	1
Rodney	Mahurangi Regional Park	Hauraki FMU	1
Rodney	Mahurangi River	Hauraki FMU	2
Rodney	Matakana River	Hauraki FMU	3
Rodney	Multiple	Hauraki FMU	1
Rodney	Riverhead Forest lakes	Hauraki FMU	1
Rodney	Sandspit Estuary	Hauraki FMU	1
Rodney	Tawharanui Regional Park	Hauraki FMU	1
Rodney	Warkworth River	Hauraki FMU	2
Rodney	Whangateau Estuary	Hauraki FMU	1
Rodney	Whau River	Hauraki FMU	1
Rodney	Woodhill Forest	Hauraki FMU	1
Rodney	Woodhill Forest lakes	Kaipara FMU	1
Upper Harbour	Multiple	Hauraki FMU	1
Waiheke	Waiheke Aquifer	Waiheke & Ponui Island FMU	1
Waitākere Ranges	Anamata Stream	Manukau FMU	1
Waitākere Ranges	Cascade Kauri	Manukau FMU	1

Local Board	Site	FMU	Count
Waitākere Ranges	Foster Bay	Manukau FMU	1
Waitākere Ranges	Huia Stream	Manukau FMU	1
Waitākere Ranges	Karekare	Manukau FMU	1
Waitākere Ranges	Lake Wainamu	Manukau FMU	3
Waitākere Ranges	Marawhara Stream	Manukau FMU	1
Waitākere Ranges	Multiple	Manukau FMU	8
Waitākere Ranges	Oratia Stream	Manukau FMU	1
Waitākere Ranges	Scenic Drive dams	Manukau FMU	1
Waitākere Ranges	Te Henga Bethells Beach	Manukau FMU	2
Waitākere Ranges	Waiatarua	Hauraki FMU	1
Waitākere Ranges	Waiatarua Reserve	Hauraki FMU	1
Waitākere Ranges	Wainamu	Manukau FMU	1
Waitākere Ranges	Waitakare River	Manukau FMU	2
Waitākere Ranges	Wekatahi Stream	Manukau FMU	1
Waitematā	Auckland Domain	Hauraki FMU	2
Waitematā	Cox's Bay Reserve/Opoutukeha	Hauraki FMU	2
Waitematā	Edgar Creek	Hauraki FMU	2
Waitematā	Meola Creek	Hauraki FMU	1
Waitematā	Waiorea/Motions Creek	Hauraki FMU	2
Waitematā	Waitītiko/Meola Creek	Hauraki FMU	3
Waitematā	Western Springs	Hauraki FMU	6
Whau	Whau River	Hauraki FMU	3
Multiple	Aquifers	Multiple	1
Multiple	Manukau Harbour	Manukau FMU	1
Multiple	Multiple	Multiple	22
Multiple	Streams	Multiple	2
Multiple	Tamaki River	Hauraki FMU	2
Multiple	Waitemata Harbour	Hauraki FMU	1
All	All	All	33
All	Lakes	All	1
Outside Auckland	Kauaeranga river	Outside Auckland	1
Outside Auckland	Lake Arapuni	Outside Auckland	1
Outside Auckland	Lake Rotoma	Outside Auckland	1
Outside Auckland	Lake Taupo	Outside Auckland	2
Outside Auckland	Waikato River	Outside Auckland	5
		TOTAL	**217**

5.1 What do you value about the freshwater bodies you use or that are important to you?

Local Board	Site	FMU	Count
Albert-Eden	Multiple	Hauraki FMU	1
Albert-Eden	Te Auaunga/Oakley Creek	Hauraki FMU	7
Albert-Eden	Walmer Reserve	Hauraki FMU	1
Devonport-Takapuna	Cheltenham Beach	Hauraki FMU	1
Devonport-Takapuna	Lake Pupuke	Hauraki FMU	14
Devonport-Takapuna	Multiple	Hauraki FMU	4
Devonport-Takapuna	Narrowneck	Hauraki FMU	1
Franklin	Ernie's Reserve	Manukau FMU	1
Franklin	Franklin aquifers	Manukau FMU	5
Franklin	Hunua Falls	Hauraki FMU	1
Franklin	Hunua Forest lakes	Hauraki FMU	1
Franklin	Hunua Stream	Hauraki FMU	1
Franklin	Kawakawa Bay Stream	Hauraki FMU	1
Franklin	Mauku Stream	Manukau FMU	5
Franklin	Multiple	Manukau FMU	27
Franklin	Taihiki River	Manukau FMU	2
Franklin	Wairoa River	Manukau FMU	1
Franklin	Waitangi Stream	Manukau FMU	2
Franklin	Waiuku River	Manukau FMU	1
Franklin	Whangamaire Stream	Manukau FMU	2
Franklin	Whangapouri Stream	Manukau FMU	2
Henderson-Massey	Multiple	Hauraki FMU	15
Henderson-Massey	Opanuku Stream	Hauraki FMU	1
Henderson-Massey	Pixie Stream	Hauraki FMU	1
Henderson-Massey	West Harbour Reserve	Hauraki FMU	1
Henderson-Massey	Te Wai o Pareira/Henderson Creek	Hauraki FMU	1
Hibiscus and Bays	Awaruku Stream	Hauraki FMU	1
Hibiscus and Bays	Bayside Drive Reserve pond	Hauraki FMU	1
Hibiscus and Bays	Deep Creek	Hauraki FMU	1
Hibiscus and Bays	Long Bay Okura Marine Reserve	Hauraki FMU	1
Hibiscus and Bays	Okura River	Hauraki FMU	1
Hibiscus and Bays	Orewa River	Hauraki FMU	1
Hibiscus and Bays	Shakespear Regional Park	Hauraki FMU	1
Hibiscus and Bays	Sherwood Reserve	Hauraki FMU	1
Hibiscus and Bays	Taiotea Stream	Hauraki FMU	1

Local Board	Site	FMU	Count
Hibiscus and Bays	Vaughans Stream	Hauraki FMU	1
Hibiscus and Bays	Waiake Stream	Hauraki FMU	1
Hibiscus and Bays	Weiti River/Duck Creek	Hauraki FMU	1
Howick	Botany Creek	Hauraki FMU	1
Howick	Mangemangeroa Reserve	Hauraki FMU	1
Howick	Multiple	Hauraki FMU	8
Kaipātiki	Akoranga Reserve	Hauraki FMU	1
Kaipātiki	Multiple	Hauraki FMU	2
Kaipātiki	Onepoto Domain	Hauraki FMU	1
Kaipātiki	Wairau Estuary	Hauraki FMU	2
Kaipātiki	Wai Manawa/Le Roys Bush Reserve	Hauraki FMU	2
Māngere-Ōtāhuhu	Harania Stream	Manukau FMU	1
Māngere-Ōtāhuhu	Mangere Lagoon	Manukau FMU	1
Māngere-Ōtāhuhu	Oruarangi Creek	Manukau FMU	1
Māngere-Ōtāhuhu	Pukaki Stream	Manukau FMU	1
Māngere-Ōtāhuhu	Tamaki River	Hauraki FMU	1
Māngere-Ōtāhuhu	Te Ararata Stream	Manukau FMU	1
Manurewa	Wattle Farm Ponds Reserve	Manukau FMU	1
Maungakiekie-Tāmaki	Onehunga Springs	Manukau FMU	1
Ōrākei	Kohimarama Stream	Hauraki FMU	1
Ōrākei	Waiata Stormwater creek	Hauraki FMU	1
Ōtara-Papatoetoe	Landscape Road Stream	Manukau FMU	1
Papakura	Multiple	Manukau FMU	1
Rodney	Cement Works, Mahurangi	Hauraki FMU	2
Rodney	Glen Eden River, Matakana	Hauraki FMU	1
Rodney	Hoteo River	Kaipara FMU	1
Rodney	Kaipara River	Kaipara FMU	1
Rodney	Kumeu River	Kaipara FMU	2
Rodney	Mahurangi Harbour	Hauraki FMU	2
Rodney	Mahurangi River	Hauraki FMU	1
Rodney	Matakana River	Hauraki FMU	1
Rodney	Multiple	Multiple	1
Rodney	Riverhead Forest lakes	Hauraki FMU	1
Rodney	South Head	Kaipara FMU	1
Rodney	Wainui Stream	Hauraki FMU	1
Rodney	Warkworh River	Hauraki FMU	1
Rodney	Whangateau Estuary	Hauraki FMU	1

Local Board	Site	FMU	Count
Rodney	Woodhill Forest lakes	Kaipara FMU	1
Upper Harbour	Multiple	Hauraki FMU	2
Waiheke	Oneroa Stream	Waiheke & Ponui Island FMU	1
Waiheke	Waiheke aquifer	Waiheke & Ponui Island FMU	1
Waitākere Ranges	Huia Stream	Manukau FMU	1
Waitākere Ranges	Kakamatua Stream	Manukau FMU	2
Waitākere Ranges	Karamatura Stream	Manukau FMU	2
Waitākere Ranges	Karekare	Manukau FMU	2
Waitākere Ranges	Laingholm Stream	Manukau FMU	1
Waitākere Ranges	Lake Wainamu	Manukau FMU	4
Waitākere Ranges	Marawhara Stream	Manukau FMU	1
Waitākere Ranges	Multiple	Manukau FMU	6
Waitākere Ranges	Okiritoto Steam	Kaipara FMU	1
Waitākere Ranges	Piha streams and lagoons	Manukau FMU	2
Waitākere Ranges	Scenic Drive dams	Manukau FMU	1
Waitākere Ranges	Tangiwai Reserve	Manukau FMU	1
Waitākere Ranges	Waiatarua Reserve	Hauraki FMU	1
Waitākere Ranges	Wainamu	Manukau FMU	2
Waitākere Ranges	Waitakere River	Manukau FMU	1
Waitākere Ranges	Wekatahi Stream	Manukau FMU	1
Waitematā	Auckland Domain	Hauraki FMU	1
Waitematā	Cox’s Bay Reserve/Opoutukeha	Hauraki FMU	2
Waitematā	Edgar Creek	Hauraki FMU	1
Waitematā	Multiple	Hauraki FMU	24
Waitematā	Waiorea/Motions Creek	Hauraki FMU	5
Waitematā	Waitītiko/Meola Creek	Hauraki FMU	4
Waitematā	Western Springs	Hauraki FMU	5
Whau	Avondale Stream	Hauraki FMU	1
Whau	Whau River	Hauraki FMU	2
Multiple	Manukau Harbour	Manukau FMU	1
Multiple	Multiple	Multiple	10
Multiple	Multiple	Hauraki FMU	3
Multiple	Multiple	Manukau FMU	2
Multiple	Tamaki River	Hauraki FMU	4
All	All	All	13

Local Board	Site	FMU	Count
Outside Auckland	Kaimai Range	Outside Auckland	1
Outside Auckland	Kauaeranga River	Outside Auckland	1
Outside Auckland	Lake Arapuni	Outside Auckland	1
Outside Auckland	Lake Rotoma	Outside Auckland	1
Outside Auckland	Nikau caves	Outside Auckland	1
Outside Auckland	Waikato River	Outside Auckland	6
		TOTAL	**282**

6.1 What freshwater bodies are you not able to use in the way you would like to be able to?

Local Board	Site	FMU	Count
Albert-Eden	Te Auaunga/Oakley Creek	Hauraki FMU	5
Albert-Eden	Walmer Reserve	Hauraki FMU	3
Devonport-Takapuna	Lake Pupuke	Hauraki FMU	2
Franklin	Franklin aquifers	Manukau FMU	2
Franklin	Hunua stream	Hauraki FMU	1
Franklin	Maraetai Beach	Hauraki FMU	1
Franklin	Mauku Stream	Manukau FMU	2
Franklin	Taihiki River	Manukau FMU	1
Franklin	Waitangi Stream	Manukau FMU	1
Franklin	Waiuku River	Manukau FMU	1
Franklin	Whangamaire Stream	Manukau FMU	2
Franklin	Whangapouri Stream	Manukau FMU	1
Henderson-Massey	Pixie Stream	Hauraki FMU	1
Hibiscus and Bays	Awaruku Stream	Hauraki FMU	1
Hibiscus and Bays	Bayside Drive Reserve pond	Hauraki FMU	1
Hibiscus and Bays	Browns Bay Beach	Hauraki FMU	1
Hibiscus and Bays	Deep Creek	Hauraki FMU	2
Hibiscus and Bays	Long Bay Okura Marine Reserve	Hauraki FMU	1
Hibiscus and Bays	Orewa River	Hauraki FMU	2
Hibiscus and Bays	Sherwood Reserve	Hauraki FMU	1
Hibiscus and Bays	Taiaotea Stream	Hauraki FMU	1
Hibiscus and Bays	Vaughans Stream	Hauraki FMU	1
Hibiscus and Bays	Waiake Stream	Hauraki FMU	1
Hibiscus and Bays	Weiti River/Duck Creek	Hauraki FMU	1
Kaipātiki	Monarch Park Stream	Hauraki FMU	1
Kaipātiki	Wai Manawa/Le Roys Bush Reserve	Hauraki FMU	2
Kaipātiki	Wairau Estuary	Hauraki FMU	1
Manurewa	Wattle Farm Ponds Reserve	Manukau FMU	1
Maungakiekie-Tāmaki	Onehunga Bay Reserve	Manukau FMU	1
Ōrākei	Orakei Creek	Hauraki FMU	1
Ōrākei	Waiata stormwater creek	Hauraki FMU	1
Rodney	Hoteo River	Kaipara FMU	1
Rodney	Omaha River	Hauraki FMU	1
Rodney	Omeru Waterfall	Kaipara FMU	1

Local Board	Site	FMU	Count
Rodney	Warkworth River	Hauraki FMU	1
Rodney	Woodhill Forest lakes	Kaipara FMU	1
Upper Harbour	Multiple	Hauraki FMU	2
Waitākere Ranges	Cascade Stream	Manukau FMU	1
Waitākere Ranges	Kakamatua	Manukau FMU	1
Waitākere Ranges	Karamatura Stream	Manukau FMU	1
Waitākere Ranges	Karekare	Manukau FMU	2
Waitākere Ranges	Laingholm Stream	Manukau FMU	1
Waitākere Ranges	Marawhara Stream	Manukau FMU	1
Waitākere Ranges	Multiple	Manukau FMU	1
Waitākere Ranges	Okiritoto Stream	Kaipara FMU	1
Waitākere Ranges	Piha streams and lagoons	Manukau FMU	3
Waitākere Ranges	Tangiwai Reserve	Manukau FMU	1
Waitākere Ranges	Te Henga Road Quarry	Manukau FMU	1
Waitākere Ranges	Waitakere River	Manukau FMU	1
Waitākere Ranges	Wekatahi Stream	Manukau FMU	1
Waitematā	Cox’s Bay Reserve/Opoutukeha	Hauraki FMU	4
Waitematā	Edgar Creek	Hauraki FMU	3
Waitematā	Waiorea/Motions Creek	Hauraki FMU	4
Waitematā	Waitītiko/Meola Creek	Hauraki FMU	4
Waitematā	Western Springs	Hauraki FMU	2
Whau	Waikumete Stream	Hauraki FMU	1
Whau	Whau River	Hauraki FMU	1
Multiple	Aquifers	Multiple	1
Multiple	Beaches	Multiple	1
Multiple	Manukau Harbour	Manukau FMU	2
Multiple	Multiple	Multiple	9
Multiple	Tamaki River	Hauraki FMU	1
Multiple	Te Wai o Pareira/Henderson Creek	Hauraki FMU	1
Multiple	Waitemata Harbour	Hauraki FMU	2
All	All	All	13
Outside Auckland	Blue Spring	Outside Auckland	1
Outside Auckland	Waikato River	Outside Auckland	2
		TOTAL	**86**

7.1 What bodies of freshwater would you like to use in future?

Local Board	Site	FMU	Count
Albert-Eden	Te Auaunga/Oakley Creek	Hauraki FMU	1
Albert-Eden	Walmer Reserve	Hauraki FMU	1
Devonport-Takapuna	Lake Pupuke	Hauraki FMU	2
Franklin	Franklin aquifers	Manukau FMU	3
Franklin	Mauku Stream	Manukau FMU	2
Franklin	Multiple	Manukau FMU	2
Franklin	Wairoa River	Manukau FMU	1
Franklin	Waitangi Stream	Manukau FMU	1
Franklin	Waiuku River	Manukau FMU	1
Franklin	Whangamaire Stream	Manukau FMU	1
Franklin	Whangapouri Stream	Manukau FMU	1
Hibiscus and Bays	Deep Creek	Hauraki FMU	1
Hibiscus and Bays	Orewa River	Hauraki FMU	1
Howick	Multiple	Hauraki FMU	1
Kaipātiki	Hellyers Creek	Hauraki FMU	1
Kaipātiki	Wai Manawa/Le Roys Bush Reserve	Hauraki FMU	1
Kaipātiki	Wairau Estuary	Hauraki FMU	1
Manurewa	Papakura Stream	Manukau FMU	1
Manurewa	Puhinui Creek	Manukau FMU	1
Maungakiekie-Tamaki	Panmure Basin	Hauraki FMU	1
Ōrākei	Waiata Stormwater creek	Hauraki FMU	1
Papakura	Otuwairoa Stream/Slippery Creek	Manukau FMU	1
Puketāpapa	Multiple	Manukau FMU	1
Rodney	Hoteo River	Kaipara FMU	1
Rodney	Kawau Bay	Hauraki FMU	1
Rodney	Kumeu River	Kaipara FMU	1
Rodney	Mahurangi River	Hauraki FMU	1
Rodney	Woodhill Forest lakes	Kaipara FMU	1
Upper Harbour	Brigham Creek	Hauraki FMU	1
Upper Harbour	Lucas Creek	Hauraki FMU	2
Upper Harbour	Multiple	Hauraki FMU	1
Upper Harbour	Rawiri Stream	Hauraki FMU	1
Upper Harbour	Waiarohia Inlet	Hauraki FMU	1
Waitākere Ranges	Kakamatua	Manukau FMU	1
Waitākere Ranges	Karamatura Stream	Manukau FMU	1

Local Board	Site	FMU	Count
Waitākere Ranges	Karekare	Manukau FMU	2
Waitākere Ranges	Lake Wainamu	Manukau FMU	1
Waitākere Ranges	Marawhara Stream	Manukau FMU	1
Waitākere Ranges	Piha streams and lagoons	Manukau FMU	1
Waitākere Ranges	Tangiwai Reserve	Manukau FMU	1
Waitākere Ranges	Te Henga Road Quarry	Manukau FMU	1
Waitākere Ranges	Wainamu	Manukau FMU	1
Waitākere Ranges	Waitakere River	Manukau FMU	1
Waitākere Ranges	Wekatahi Stream	Manukau FMU	1
Waitematā	Cox's Bay Reserve/Opoutukeha	Hauraki FMU	1
Waitematā	Edgar Creek	Hauraki FMU	1
Waitematā	Waiorea/Motions Creek	Hauraki FMU	1
Waitematā	Waitītiko/Meola Creek	Hauraki FMU	1
Multiple	Harbours	Multiple	1
Multiple	Manukau Harbour	Manukau FMU	2
Multiple	Multiple	Multiple	9
Multiple	Multiple	Hauraki FMU	3
Multiple	Tamaki River	Hauraki FMU	2
All	All	All	17
Outside Auckland	Lake Arapuni	Outside Auckland	1
		TOTAL	**98**