



I hereby give notice that an ordinary meeting of the Environment, Climate Change and Natural Heritage Committee will be held on:

**Date:** Wednesday, 27 August 2014  
**Time:** 9.30am  
**Meeting Room:** Reception Lounge Level 2  
**Venue:** Auckland Town Hall  
301-305 Queen Street  
Auckland

---

## **Environment, Climate Change and Natural Heritage Committee**

### **OPEN AGENDA**

---

#### **MEMBERSHIP**

<b>Chairperson</b>	Cr Wayne Walker
<b>Deputy Chairperson</b>	Cr Linda Cooper, JP
<b>Members</b>	Cr Dr Cathy Casey Cr Ross Clow Cr Chris Darby Cr Hon Christine Fletcher, QSO Cr Mike Lee Member Liane Ngamane Cr John Watson Member Karen Wilson
<b>Ex-Officio</b>	Mayor Len Brown, JP Deputy Mayor Penny Hulse

(Quorum 11 members)

**Crispian Franklin**  
**Democracy Advisor**

**22 August 2014**

Contact Telephone: (09) 373 6205  
Email: [crispian.franklin@aucklandcouncil.govt.nz](mailto:crispian.franklin@aucklandcouncil.govt.nz)  
Website: [www.aucklandcouncil.govt.nz](http://www.aucklandcouncil.govt.nz)

## TERMS OF REFERENCE

### Areas of Activity

- Management and monitoring of Auckland's bio-diversity and eco-systems including natural hazards
- Sustainability frameworks for natural resource management
- Projects and programmes to deliver on energy management and climate change targets
- Environmental initiatives including coastal and freshwater management
- Environmental and climate change impacts of waste management
- Facilitating partnerships and collaborative funding models to support environmental initiatives

### Responsibilities

Within the specified area of activity the Committee is responsible for:

- In accordance with the work programme agreed with the parent committee, developing strategy and policy, including any agreed community consultation, to recommend to the Regional Strategy and Policy Committee
- Acting as a community interface for consultation on policies and as a forum for raising community concerns, while ensuring community engagement is complementary to that undertaken by local boards
- Making decisions within delegated powers

### Powers

All powers necessary to perform the Committee's responsibilities

Except:

- (a) powers that the Governing Body cannot delegate or has retained to itself (see Governing Body responsibilities)
- (b) where the Committee's responsibility is limited to making a recommendation only
- (c) where a matter is the responsibility of another committee or a local board
- (d) the approval of expenditure that is not contained within approved budgets
- (e) the approval of expenditure of more than \$2 million
- (f) the approval of final policy
- (g) deciding significant matters for which there is high public interest and which are controversial
- (h) the commissioning of reports on new policy where that policy programme of work has not been approved by the Regional Strategy and Policy Committee

<b>ITEM</b>	<b>TABLE OF CONTENTS</b>	<b>PAGE</b>
1	Apologies	5
2	Declaration of Interest	5
3	Confirmation of Minutes	5
4	Petitions	5
5	Public Input	5
5.1	Steph Borrelle - Free of single-use plastic bags in Auckland	5
5.2	Environmental risk from consented activities at Sandspit to the Matakana estuary and the Hauraki Gulf - Mike Taplin	5
5.3	Work of Urbia Group on urban resilience to Climate Change and sea-level rise - Bernd Gundermann	6
5.4	Climatology - Andrew Tait, NIWA	6
5.5	Climate Change Adaptation Guidance - Dr Dan Zwartz, Climate Change Analysis, MFE	6
5.6	King Tide and Sea level rise - Rob Bell, NIWA	7
6	Local Board Input	7
7	Extraordinary Business	7
8	Notices of Motion	8
9	Feedback for Proposed Long-term Plan 2015-2025 Performance Measures	9
10	2013/2014 Safeswim Summary Report	15
11	Consideration of Extraordinary Items	



## 1 Apologies

An apology has been received from Councillor Cooper.

## 2 Declaration of Interest

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

## 3 Confirmation of Minutes

That the Environment, Climate Change and Natural Heritage Committee:

- a) confirm the ordinary minutes of its meeting, held on Wednesday, 9 July 2014, as a true and correct record.

## 4 Petitions

At the close of the agenda no requests to present petitions had been received.

## 5 Public Input

Standing Order 3.21 provides for Public Input. Applications to speak must be made to the Committee Secretary, in writing, no later than **two (2)** working days prior to the meeting and must include the subject matter. The meeting Chairperson has the discretion to decline any application that does not meet the requirements of Standing Orders. A maximum of **thirty (30) minutes** is allocated to the period for public input with **five (5)** minutes speaking time for each speaker.

### 5.1 Steph Borrelle - Free of single-use plastic bags in Auckland

#### Purpose

1. Steph Borrelle wishes to speak to the Committee regarding free of single-use plastic bags in Auckland.

#### Recommendation/s

That the Environment, Climate Change and Natural Heritage Committee:

- a) thank Steph Borrelle regarding free of single-use plastic bags in Auckland.

### 5.2 Environmental risk from consented activities at Sandspit to the Matakana estuary and the Hauraki Gulf - Mike Taplin

#### Purpose

1. Mike Taplin wishes to speak to the Committee regarding environmental risk from consented activities to the Matakana estuary and Hauraki Gulf.

#### Recommendation/s

That the Environment, Climate Change and Natural Heritage Committee:

- a) Thank Mike Taplin for his verbal presentation regarding environmental risk from consented activities at Sandspit.

**5.3 Work of Urbia Group on urban resilience to Climate Change and sea-level rise  
- Bernd Gundermann**

**Purpose**

1. Bernd Gundermann wishes to speak to the Committee regarding urban resilience to climate change.

**Recommendation/s**

That the Environment, Climate Change and Natural Heritage Committee:

- a) Thank Bernd Gundermann for his verbal presentation on urban resilience to climate change.

**5.4 Climatology - Andrew Tait, NIWA**

**Purpose**

1. Andrew Tait, NIWA wishes to speak to the Committee regarding climatology.

**Recommendation/s**

That the Environment, Climate Change and Natural Heritage Committee:

- a) Thank Andrew Tait, NIWA for this presentation regarding climatology.

**5.5 Climate Change Adaptation Guidance - Dr Dan Zwartz, Climate Change  
Analysis, MFE**

**Purpose**

1. Dr Dan Zwartz, Senior Analyst, Climate Change Analysis, Ministry for the Environment wishes to speak to the Committee regarding climate change adaption guidance.

**Recommendation/s**

That the Environment, Climate Change and Natural Heritage Committee:

- a) Thank Dr Dan Zwartz, Senior Analyst, Climate Change Analysis, Ministry for the Environment regarding climate change adaption guidance.

## 5.6 King Tide and Sea level rise - Rob Bell, NIWA

### Purpose

1. Rob Bell, NIWA wishes to speak to the Committee regarding king tide and sea level rise.

### Recommendation/s

That the Environment, Climate Change and Natural Heritage Committee:

- a) thank Rob Bell, NIWA regarding king tide and sea level rise presentation.

## 6 Local Board Input

Standing Order 3.22 provides for Local Board Input. The Chairperson (or nominee of that Chairperson) is entitled to speak for up to **five (5)** minutes during this time. The Chairperson of the Local Board (or nominee of that Chairperson) shall wherever practical, give **two (2)** days notice of their wish to speak. The meeting Chairperson has the discretion to decline any application that does not meet the requirements of Standing Orders.

This right is in addition to the right under Standing Order 3.9.14 to speak to matters on the agenda.

At the close of the agenda no requests for local board input had been received.

## 7 Extraordinary Business

Section 46A(7) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

“An item that is not on the agenda for a meeting may be dealt with at that meeting if-

- (a) The local authority by resolution so decides; and
- (b) The presiding member explains at the meeting, at a time when it is open to the public,-
  - (i) The reason why the item is not on the agenda; and
  - (ii) The reason why the discussion of the item cannot be delayed until a subsequent meeting.”

Section 46A(7A) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

“Where an item is not on the agenda for a meeting,-

- (a) That item may be discussed at that meeting if-
  - (i) That item is a minor matter relating to the general business of the local authority; and

- (ii) the presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting; but
- (b) no resolution, decision or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion.”

## **8 Notices of Motion**

At the close of the agenda no requests for notices of motion had been received.



## Feedback for Proposed Long-term Plan 2015-2025 Performance Measures

File No.: CP2014/16436

### Purpose

1. To receive an overview of the performance information review process and outline the process to finalise the LTP 2015-25 performance information and targets.
2. To provide feedback on the performance measures proposed by the business in order to aid the development of the measures in the draft LTP 2015-25.

### Executive summary

3. Following the process agreed at the Finance and Performance Committee meeting on 19th June 2014, the business have developed a draft set of proposed Levels of service statements and performance measures for the groups of activities that are relevant for this Committee (Resolution no. FIN/2014/37).
4. This performance information is currently being reviewed by officers and internal stakeholders. Our intention is to collate all feedback from this committee and our internal process and provide this to the business.

### Recommendation/s

That the Environment, Climate Change and Natural Heritage Committee:

- a) Receive the draft level of service statements and performance measures for the Solid Waste, Environmental services and Regional Planning (Environmental) groups of activities.
- b) Provide feedback on the proposed statements and measures, either through this committee meeting or subsequently by emailing [longtermplan@aucklandcouncil.govt.nz](mailto:longtermplan@aucklandcouncil.govt.nz)

### Comments

5. The Performance Measure work-stream is conducting a council and CCO wide review of performance measures for the Long-term Plan 2015-2025. This process was outlined and agreed at the Finance and Performance Committee on 19th June 2014 (Resolution no. FIN/2014/37).
6. The intended outcome of this in-depth review is that there will be a succinct set of community focused performance measures for each group of activities proposed for the draft LTP, which is aligned to the Auckland Plan.
7. This work needs to be substantially completed (including political engagement) by the end of October 2014 to support publication of the draft LTP for public consultation in early 2015.
8. The business has completed an in-depth review of their level of service statements and measures and these have been provided in an attachment to this report. This performance information is currently under review by key internal stakeholders and officers, including IMSB.
9. Feedback provided through this committee, our internal processes and IMSB, will be provided back to the business for them to finalise their proposed performance information.

10. These performance measures will have targets that will reflect the intended levels of service to be delivered by the council and CCOs and which will align with financial budgets. These targets will be discussed at the budget committee workshops in September 2014.
11. The Budget Committee will review the entire suite of measures and targets proposed for inclusion in the LTP 2015-25 between September and October 2014. The Budget Committee will adopt the measures and targets on 5th November 2014.

### Consideration

12. Performance Information proposed for Solid Waste, Environmental services and Regional Planning (Environmental) is included in Attachment A.
13. The internal review is considering feedback to the business to ensure that the business:
  - a) reduce the number of measures that are reported at the LTP level where possible,
  - b) reduce an over-reliance of survey related measures, especially at a local level, where sampling errors are significant, and
  - c) include only those measures that have a robust reporting methodology in place and are important in describing the Council's performance.

### Auckland Plan Alignment

14. In developing performance measures, we are ensuring alignment of levels of services with Auckland plan outcomes and targets which have been set.
15. The performance measures will be considered only for those levels of services that directly contribute to or enable an Auckland plan target to be met.

### Local board views and implications

16. Local boards are currently in the process of providing feedback on performance measures at Local Boards Workshops and meetings through August. This feedback will be used in finalising the performance information. Once the Budget Committee have endorsed the performance measures, we will engage with Local Boards to determine their targets. This is expected to take place in September 2014.

### Maori impact statement

17. The draft and existing Maori outcome related performance measures that are being reviewed. Te Waka Angamua and IMSB are part of the key stakeholders group for this work-stream and are providing feedback and support on that part of the review. The feedback received will be used to further develop the current draft performance information.

### Implementation

18. No significant implementation issues are applicable.

### Attachments

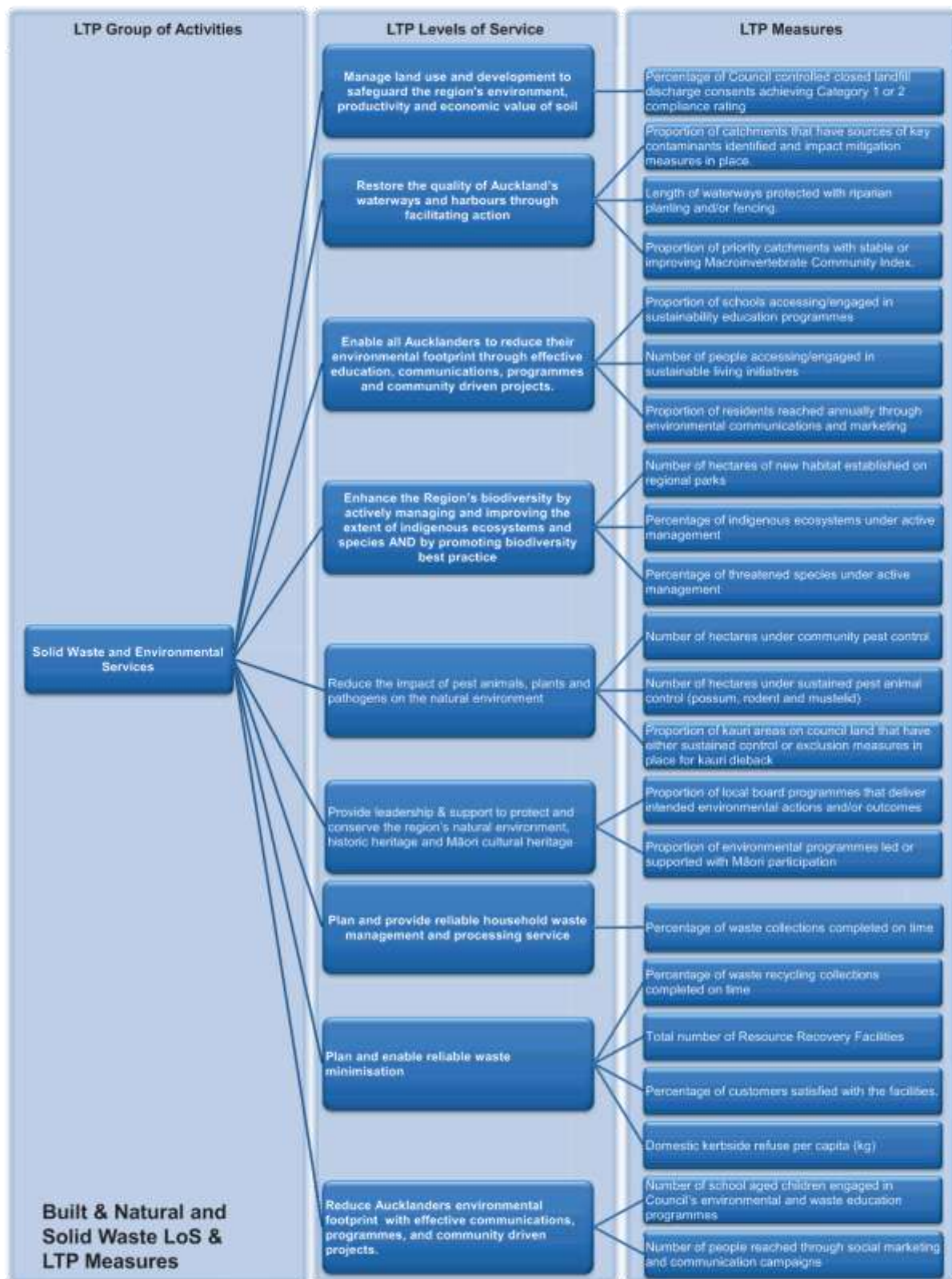
No.	Title	Page
A	Environmental, Climate Change and Natural Heritage LoS & LTP Measures	13

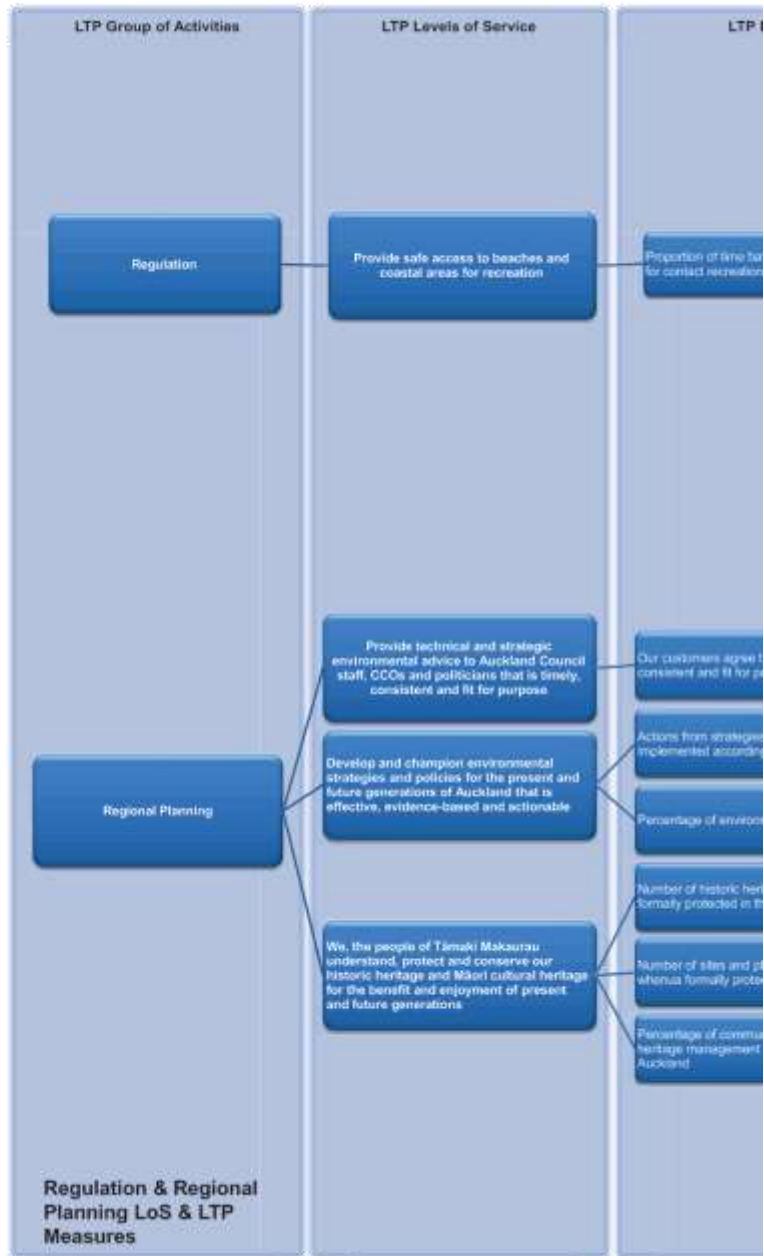
### Signatories

Authors	Tushar Shreyakar – Senior Advisor CCO Taryn Crewe – Financial Planning Manager
---------	---

Authorisers	Ludo Campbell-Reid - Environmental Strategy & Policy Manager John Dragicevich - Manager Infrastructure and Environmental Services
-------------	--







## 2013/2014 Safeswim Summary Report

File No.: CP2014/18379

### Purpose

1. Auckland Council monitors the microbiological safety of recreational water across the region over the summer. This report provides the highlights and a summary of the 2013/2014 Safeswim programme.
2. The purpose of the Safeswim programme is to determine bacteriological water quality and reduce public health risk by updating the public on beach water quality and health education.

### Executive summary

3. Sixty-nine sites across the region were monitored for 21 weeks from November 2013 through to March 2014. During this season, 1595 samples, including 194 retesting samples were collected and analysed. Ninety-two per cent of the 1401 routine water samples met the Ministry for the Environment and the Ministry of Health guidelines. Forty-two of the 69 sites did not exceed any guideline levels for the entire season as compared with 40 sites last season. There were 62 amber alerts and 54 red alerts from the routine sampling. Health warnings were required for a total of 96 days at 18 sites. Eighty-three per cent of the warnings were due to poor water quality found in the Waitakere Ranges and Whau Local Board areas.

### Recommendation/s

That the Environment, Climate Change and Natural Heritage Committee:

- a) Receive the report.
- b) Forward this report to the Local Boards for their information.

### Comments

#### Background

4. Licensing and Compliance Services – Environmental Health (LCS – EH) has taken over the management of the Safeswim programme from Infrastructure and Environmental Services – Land and Water Advisory Team (I&ES – LWA) from the 2013/2014 summer season onwards. I&ES-LWA will continue its role in investigations and reporting of proposed monitoring sites and sites with chronic contamination issues.
5. Recreational beach monitoring is undertaken in accordance with the national guidelines *Microbiological Water Quality Guidelines for Marine and Freshwater Recreational Areas* published by the Ministry for the Environment and the Ministry of Health (MfE/MoH). The guidelines set up three modes for recreational water quality monitoring for public health protection:
  - Green - safe mode, where bacterial levels are acceptable for swimming.
  - Amber - alert mode, where alert level has been exceeded, and sampling is increased to a daily frequency to confirm if a problem exists.
  - Red - action mode, where action level has been exceeded, and water quality is likely to be unsafe for swimming. Health warning signs are required in conjunction with a media



advisory until bacterial levels return to the safe mode. Signs for marine water require two consecutive exceedances over the action level.

### Summary of 2013/2014 season

6. There were no major changes in the programme as compared to last season. Sixty-nine sites were monitored weekly from November 2013 through to March 2014. These include 63 beaches, 4 lagoons, one stream and one lake. During the 21 weeks of monitoring, 1595 samples were tested comprising 1401 routine samples and 194 samples collected following sample exceedances.
7. Results were updated on the Council's Safeswim website once laboratory results were received. The public had the option to access the information through the website, to call the 0800 Safeswim number or to subscribe to a weekly email update.
8. There were slight changes to health warning criteria for marine water over this season. When a single sample showed an extremely high reading, a health warning was directly issued without waiting for confirmation from the second result. In addition, sewage overflow notifications have been incorporated into Safeswim notifications, as an overflow often affects the safe status of a monitored site.

### Results for 2013/2014 season

9. Figure 1 shows that 92 per cent (1285 samples) of the 1401 routine water samples collected from the season met the guidelines. Four per cent exceeded the 'Alert' guideline levels and four per cent exceeded the 'Action' levels (62 and 54 samples respectively). The exceedance rates were slightly lower than those for the 2012-2013 season (6 per cent and 5 per cent respectively). Details of the number of exceedances are present in Figure 2 and the results are summarised in Table 1 of the attachment.

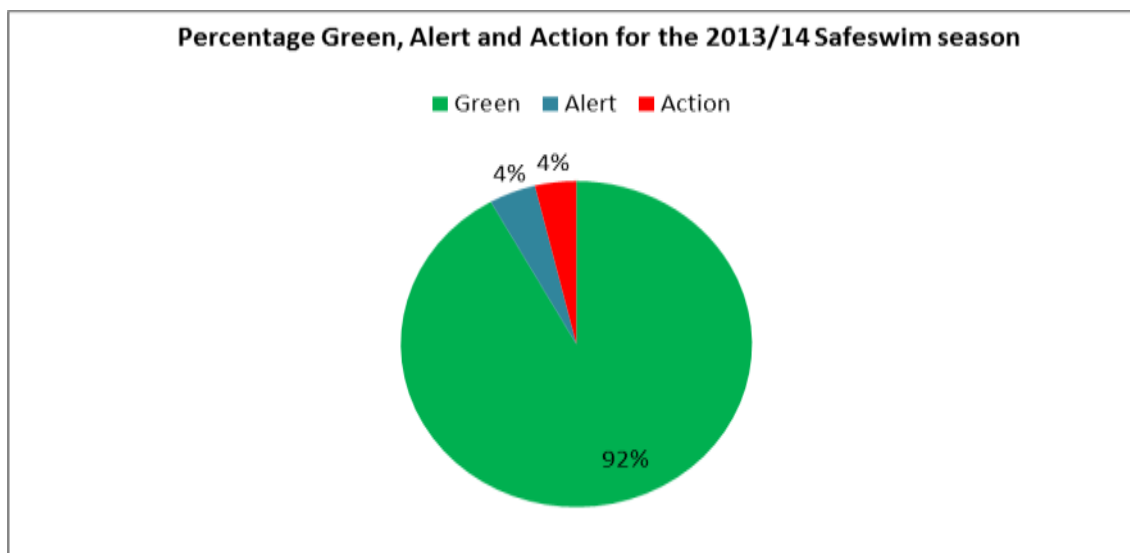


Figure 1: Proportion of routine results that were within the three modes of the MfE/MoH guideline over the 2013-2014 Safeswim season

10. Over this season, 42 of the 69 sites did not exceed any guideline levels for the entire season as compared with 40 sites last season, which demonstrates overall very good water quality. Figure 2 only shows sites with exceedances.
11. Figure 2 shows that six beaches (Amour Bay, Takapuna Beach, Big Bucklands Beach, Little Oneroa Beach, Blockhouse Bay and Bethells Beach) had only one or two samples over the alert guideline level. Six beaches (Mulberry Grove Beach, Pah Beach, Mellons Bay, Clarks Beach, Mission Bay and Sandspit Beach) triggered either the action level or both the guideline levels once, which required health warnings (except for Sandspit Beach).



12. Exceedances frequently occurred at the four freshwater lagoons (Piha South and North, Karekare and Bethells) similar to previous years, and at seven beaches (Wood Bay, Laingholm Beach, Huia Beach, French Bay, Christmas Beach, Titirangi Beach, Te Atatu Beach) located in the Waitakere Ranges Local Board area, as well as Green Bay in the Whau Local Board area.

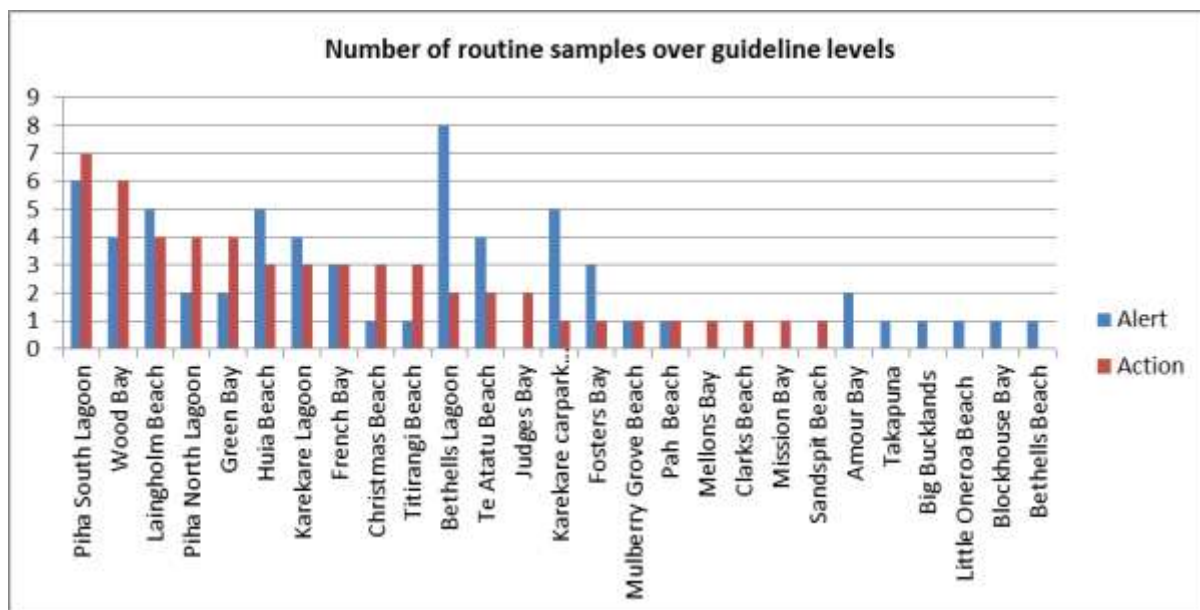


Figure 2: Number of routine samples exceeding the alert and action guideline levels

13. The Ministry for the Environment (MfE) uses 95 per cent compliance with its health risk threshold (action level) as a criterion for beach/freshwater sites meeting the guideline almost all the time. Over the 2013-2014 season, the twelve sites listed in the previous paragraph and Judges Bay (Orakei Local Board) failed the compliance criteria.
14. Table 1 in the attachment shows that based on non-compliance with the guidelines (both alert and action), the top six sites with identified poor water quality were Piha South Lagoon, Bethells Lagoon, Wood Bay, Laingholm Beach, Huia Beach, and Karekare Lagoon, where non-compliance rates were between 62 to 33 per cent. When compared to the range of 80 to 47 per cent over the 2012-2013 season, the 2013/14 swimming season appears to have much lower exceedance rates overall.
15. Table 1 in the attachment shows that health warnings were required at eighteen sites across the region for 45 occasions for a total of 96 days. The number of warning days appeared to be significantly lower than the 2012-2013 season when 124 days required signage. Eighty-three per cent of the health warning days over this season occurred in the Waitakere Ranges and Whau Local Board areas. This percentage appeared to be much lower than that over the 2012-2013 season, when 92 per cent of the 124 health warning days occurred in the same area.
16. When compared to the 2012-2013 season, it appears that this season had improved water quality results. The rainfall data does not help with regard to understanding the test results. By contrast, the average total rainfall in the region (298mm) for the period of November 2013 to March 2014 was significantly higher than last season for the same period (191mm). Additional analysis was undertaken between two seasons to compare the number of samples in the Waitakere Ranges area, which were collected concurrently with rainfall (over 5mm within 48 hours of sampling). It revealed that more samples were coinciding with rain over this season. However, further investigations and data would be required in order to reach a definitive conclusion in respect of this.
17. The Safeswim webpages have received a total of 16,415 visits over this monitoring season (November 2013 to March 2014) compared with 3,091 off -season visits (April 2013 – October 2014).

### Next steps

18. I&ES – LWA, who have previously reported on western lagoons water quality impacts to the Environment and Sustainability Forum, will provide separate updates to this Committee regarding how they will respond to the water quality issues highlighted in the Safeswim programme.
19. It has been three years since the inaugural review of the regional Safeswim programme in 2011. There is insufficient time to carry out a comprehensive Safeswim review with all affected parties in time for the forthcoming swimming season. This regional Safeswim review will therefore be carried out next year.
20. The sites in the former Waitakere City Council area were not included in the 2011 Safeswim review. The sampling methodology and laboratory contract is different for these sites. As one aspect of its regional consistency initiative, LCS - EH will assess the differences between the sampling regimes with the intention to align these before the forthcoming swimming season in November, to ensure that best value and efficiency is being provided regionally.

### Consideration

#### Local board views and implications

21. Local Boards receive this report for their information.

#### Maori impact statement

22. This report does not require any decision making but recognises that the issue of water quality has integral links with the Mauri of waterways and harbours and concepts of Kaitiakitanga.

### Implementation

23. This report is for information only and does not have implementation issues.

### Attachments

There are no attachments for this report.

### Signatories

Authors	Graham Bodman - Manager Licensing and Compliance Services
Authorisers	Dean Kimpton - Chief Operating Officer John Dragicevich - Manager Infrastructure and Environmental Services Ludo Campbell-Reid - Environmental Strategy & Policy Manager