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## **Christchurch West Melton Water Management Zone Committee AGENDA**

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### **Notice of Meeting:**

A meeting of the Christchurch West Melton Water Management Zone Committee will be held on:

**Date:** Thursday 25 May 2023  
**Time:** 6pm  
**Venue:** Te Hapua Halswell Library, Piharau Room, 341  
Halswell Road, Halswell

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### **Membership**

Chairperson	Annabelle Hasselman - Community Representative
Deputy Chairperson	Mike Patchett - Community Representative
Members	Helen Rutter - Community Representative
	Brynlea Stocks - Community Representative
	Cailin Richardson-Hall - Community Representative
	Clare Piper - Community Representative
	Councillor Mark Peters – Councillor Christchurch City Council
	Tyla Harrison-Hunt - Te Taumutu Rūnanga
	Councillor Greg Byrnes - Councillor Environment Canterbury
	Councillor Phil Dean – Councillor Selwyn District Council
	Arapata Reuben – Te Ngāi Tūāhuriri Rūnanga
	<i>Vacancy</i> - Te Hapū o Ngāti Wheke/Rapaki
	Oscar Bloom – Youth Representative

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**22 May 2023**

**Committee Advisor**  
Luke Smeele  
Tel: 941 6374  
**Christchurch City Council**

**Zone Facilitator**  
Shelley Washington  
Tel: 027 294 5219  
**Environment Canterbury**

**Principal Advisor**  
Diane Shelander  
Senior Policy Analyst  
Tel: 941 8304  
**Christchurch City Council**

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## Christchurch West Melton Water Management Zone Committee

### Members' Register of Interests – 2023

Name/Organisation	Interests
Annabelle Hasselman	<ul style="list-style-type: none"> <li>Chair Ōpāwaho Heathcote River Network</li> <li>Shareholder Fulton Ross Team Architects <ul style="list-style-type: none"> <li>Director and Shareholder (Spouse)</li> </ul> </li> <li>W H Fulton Family Trust – Trustee (Spouse) – Shares in Fulton Hogan</li> </ul>
Arapata Reuben	<ul style="list-style-type: none"> <li>Trustee – Tuahiwi Marae</li> <li>Trustee – Tuhono Trust</li> <li>Trustee – Mana Waitaha Charitable Trust</li> <li>Member – National Kiwi Recovery Group</li> </ul>
Oscar Bloom	<ul style="list-style-type: none"> <li>Student at the University of Canterbury</li> </ul>
Mike Patchett	<ul style="list-style-type: none"> <li>Chair, Water and Wildlife Habitat Trust</li> <li>Trustee, The Eco-Action Nursery Trust</li> </ul>
Brynlea Stocks	<ul style="list-style-type: none"> <li>Employed by Environment Canterbury</li> </ul>
Clare Piper	<ul style="list-style-type: none"> <li>Employed by Christchurch City Council</li> </ul>
Cailin Richardson-Hall	<ul style="list-style-type: none"> <li>Passion for Sustainability</li> </ul>
Tyla Harrison-Hunt	<ul style="list-style-type: none"> <li>Christchurch City Council Councilor</li> <li>Mahaanui Kurataiao Taumutu representative</li> <li>Kaitaikitanga portfolio holder - Taumutu</li> </ul>
Greg Brynes	<ul style="list-style-type: none"> <li>General Manager Te Kōhaka o Tūhaitara Trust</li> <li>Member Environmental Defence Society, Forest &amp; Bird</li> <li>The Sydenham Socialist &amp; Motorcycle Enthusiast Society</li> </ul>

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### Karakia Whakamutunga

## Karakia Tīmatanga

### Opening Prayer

Whakataka te hau ki te uru	<i>English translation</i>
Whakataka te hau ki te tonga	Cease the winds from the west
Kia mākinakina ki uta	Cease the winds from the south
Kia mātaratara ki tai	Let the breeze blow over the land
E hī ake ana te atakura	Let the breeze blow over the ocean
He tio, he huka, he hau hunga	Let the red-tipped dawn come with a sharpened air.
Tihei mauri ora!	A touch of frost, a promise of a glorious day.

### 1. Apologies

At the close of the agenda no apologies had been received.

### 2. Declarations of Interest

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

### 3. Identification of General Public Contributions

### 4. Deputations by Appointment

There were no deputations by appointment at the time the agenda was prepared.

### 5. Presentations by the Community

- There were no presentations by the Community.

### 6. Confirmation of Previous Minutes

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on [Thursday, 23 March 2023](#) be confirmed (refer page 5).

### 7. Matters Arising from the Minutes

### 8. Identification of Urgent Items by Committee Members

Raised items will be discussed in Other Matters.

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## Christchurch West Melton Water Management Zone Committee OPEN MINUTES

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**Date:** Thursday 23 March 2023  
**Time:** 7.09pm  
**Venue:** Ōtākaro Orchard, 227 Cambridge Terrace

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### Present

Deputy Chairperson (Acting Chair) Mike Patchett - Community Representative  
Helen Rutter - Community Representative  
Members Brynlea Stocks - Community Representative  
Cailin Richardson-Hall - Community Representative  
Clare Piper - Community Representative  
Vacant – Councillor Christchurch City Council  
Tyla Harrison-Hunt - Te Taumutu Rūnanga  
Councillor Greg Byrnes - Councillor Environment Canterbury  
Councillor Phil Dean – Councillor Selwyn District Council  
Arapata Reuben – Te Ngāi Tūāhuriri Rūnanga  
Oscar Bloom – Youth Representative

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**Zone Facilitator**  
Shelley Washington  
Tel: 027 294 5219  
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**Principal Advisor**  
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Senior Policy Analyst  
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[www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx](http://www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx)

**Karakia Timatanga:** Tyla Harrison-Hunt

The agenda was dealt with in the following order.

**1. Apologies**

**Committee Resolved CWZC/2023/00001**

That the apology received from Annabelle Hasselman be accepted.

Oscar Bloom/Brynlea Stocks

Carried

**2. Declarations of Interest**

Arapata Reuben declared an interest in item 10.

**3. Identification of General Public Contributions**

There were no public presentations.

**4. Deputations by Appointment**

There were no deputations by appointment.

**6. Confirmation of Previous Minutes**

**Committee Resolved CWZC/2023/00002**

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 24 November 2022 be confirmed.

Oscar Bloom/Clare Piper

Carried

**7. Matters Arising from the Minutes**

There were no matters arising from the minutes.

**8. Identification of Urgent Items by Committee Members**

Acting Chair Mike Patchett identified the Wealthy Water Ways Partnership as an urgent item.

Mike Patchett identified the reason that the Item was not on the Agenda and why the discussion of the item cannot be delayed until a subsequent meeting.

**Committee Resolved CWZC/2023/00003**

Oscar Bloom/Clare Piper

Carried

## 9. 2023 Election of Chair and Deputy Chair, and Committee Meeting Dates

The Committee accepted the Officer Recommendations with the inclusion of the names of the Committee members elected to the roles of Chairperson and Deputy Chairperson.

The Committee resolved to use voting option B when electing a Chair and Deputy Chairperson motion was moved by Mike Patchett and seconded by Brynlea Stocks.

Annabelle Hasselman was nominated for Chairperson there were no other nominations.

Mike Patchett was nominated for Deputy Chairperson there were no other nominations.

### Committee Resolved CWZC/2023/00004

That the Christchurch West Melton Water Management Zone Committee:

1. Elect Annabelle Hasselman as the Chair and Mike Patchett as the Deputy Chair for 2023 in accordance with the CWMS Zone Committees Terms of Reference (Attachment A to this Report).
2. Meet in 2023 between 6-8.30pm on the following Thursdays:
  - a. 23 February (meeting and workshop)
  - b. 23 March (meeting and workshop)
  - c. 27 April (joint workshop with Banks Peninsula Zone Committee and Whaka Ora Healthy Harbour, with other key stakeholders invited)
  - d. 25 May (meeting and workshop)
  - e. 22 June (TBC)
  - f. 27 July (TBC)
  - g. 24 August (TBC)
  - h. 28 September (TBC)
  - i. 26 October – (TBC)
  - j. 23 November – (TBC).
  - k. And that the Committee discusses at the conclusion of the 25 May meeting, whether to continue the format of a meeting and workshop at each date or whether to go back to alternating between a meeting one month and a workshop the next. Discussion to include feedback from all committee members present as well as Committee Advisor and Zone Facilitator.

Mike Patchett/Oscar Bloom

**Carried**

### Attachments

- A Healthy Water Ways Partnership

## 10. CWMS Action Plan Budget allocations and adjustments

The Committee noted the excellent work done by the Te Tuna Tāone project and Jenny Bond.

The Committee noted the staffing expenses faced by the project.

The officer recommendation was accepted without change.

**Committee Resolved CWZC/2023/00005**

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the presentation given on 23 February by Jenny Bond of the Christchurch Envirohub Trust about Te Tuna Tāone project.
2. Recommend that Environment Canterbury approves the expenditure for the following project to the following organisations:
  - a. \$5,000 to the Christchurch Envirohub Trust as a contribution towards Te Tuna Tāone project.
3. Approves Christchurch Envirohub Trust spend the \$3,000 it received in 2021-2022 for administration of the Community Waterways Partnership virtual hub on the facilitation of the Stormwater Superhero trailer instead.

Tyla Harrison-Hunt/Oscar Bloom

**Carried**

**11. Community presentation - Avon Ōtākaro in river clean - litter collection**

The Committee acknowledged the excellent work done to clean the river.

The officer recommendation was accepted without change.

**Committee Resolved CWZC/2023/00006**

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the presentation of 23 February from Hayley Guglietta of the Avon Ōtākaro Network about the Avon/Ōtākaro in river clean – litter collection project.
2. Provide the Avon Ōtākaro Network with a letter of support for their future funding applications for this project.

Mike Patchett/Tyla Harrison-Hunt

**Carried**

**12. Other Matters**

**Healthy Waterways Partnership**

The Committee noted that a report was being prepared by Belinda Margetts on the Health Waterways Action plan to go before the Christchurch City Council in the coming months to seek recommendations.

The Committee discussed what a collaborative partnership would look like acknowledging the following problematic issues:

- There are already ties amongst the existing bodies.
- Engagement by the CWMZC with the Health Water Ways action plan would be impractical if there is not commitment by Environment Canterbury or the Christchurch City Council.
- The statutory authorities have a much greater amount of influence on outcomes.
- The partnership might not necessarily come from the Zone Committees.



**Karakia Whakamutunga:** Tyla Harrison-Hunt

**Meeting concluded at 8.13pm.**

**CONFIRMED THIS 25<sup>th</sup> DAY OF MAY 2023**

**ANNABELLE HASSELMAN  
CHAIRPERSON**



## 9. Pūharakekenui-Styx Stormwater Management Plan

Reference Te Tohutoro: 23/774881

Presenter(s) Te Kaipāhō :

### 1. Purpose of Report Te Pūtake Pūrongo

- 1.1 To inform the Committee about the development process for the Pūharakekenui-Styx Stormwater Management Plan and to ask if the Zone Committee wishes to be consulted with, and how.

### 2. Officer Recommendations Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Pūharakekenui-Styx Stormwater Management Plan Report.
2. Request to be consulted with in the following way:

### 3. Background

- 3.1 Christchurch City Council is developing a stormwater management plan (SMP) for the Pūharakekenui-Styx catchment. A SMP for each major catchment in Christchurch City District is required by conditions of the Council's Comprehensive Stormwater Network Discharge Consent (CSNDC). A SMP describes how the Council has developed and will implement contaminant mitigation targets for the catchment.
- 3.2 The Council must develop SMPs in consultation with 5 nominated parties including the relevant zone committee. The Christchurch West Melton Zone Committee will be somewhat familiar with the process, having been consulted about three previous SMPs. Paul Dickson will make a presentation about:
  - 3.2.1 The SMP development process and;
  - 3.2.2 To ask if the Zone Committee wishes to be consulted with, and how.

### 4. Report Te Pūrongo

- 4.1 The conditions of the Comprehensive Stormwater Network Discharge Consent CRC231955 require the Council to develop SMPs for the District's seven major catchments.
- 4.2 SMPs respond to consent conditions, and funding provisions in the Council's Long Term Plan (LTP). Conditions set minimum requirements and LTP funding makes provision for water quantity and quality mitigation.
- 4.3 The most important role of SMPs is to set contaminant load mitigation targets, and develop means of achieving them, to demonstrate the Council's compliance with consent conditions.
- 4.4 The key issues:
  - 4.4.1 Maintain the river's Fair to Good water quality while growth and development in the catchment occurs.
  - 4.4.2 Mitigating additional runoff from new development so that flood levels in the middle and lower river are maintained or that any increase is not more than minor.

- 4.4.3 Managing growth of aquatic macrophytes (water weed) so that low-lying river margins east of Marshland Road are not inundated.

## 5. Next Steps

- 5.1 Briefings to the Waimāero Fendalton-Waimairi-Harewood and Waitai Coastal-Burwood-Linwood Community Boards, Department of Conservation and Environment Canterbury Engineers.
- 5.2 A draft SMP will be released for public comment in July 2023.
- 5.3 Feedback will be considered for incorporation into the SMP.

## 6. Useful Links

- 6.1 The Styx: Vision 2000 – 2040 <https://ccc.govt.nz/environment/water/water-policy-and-strategy/the-styx-vision-2000-2040>
- 6.2 <https://ccc.govt.nz/assets/Documents/Environment/Water/Monitoring-Reports/2022-reports/CSNDC-Annual-Surface-Water-Quality-Report-2022-2021-data-FINAL-report-30.06.22.pdf>

## Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A <a href="#">↓</a>	Pūharakekenui-Styx Stormwater Management Plan Presentation	23/774882	13

# Pūharakekenui-Styx Stormwater Management Plan

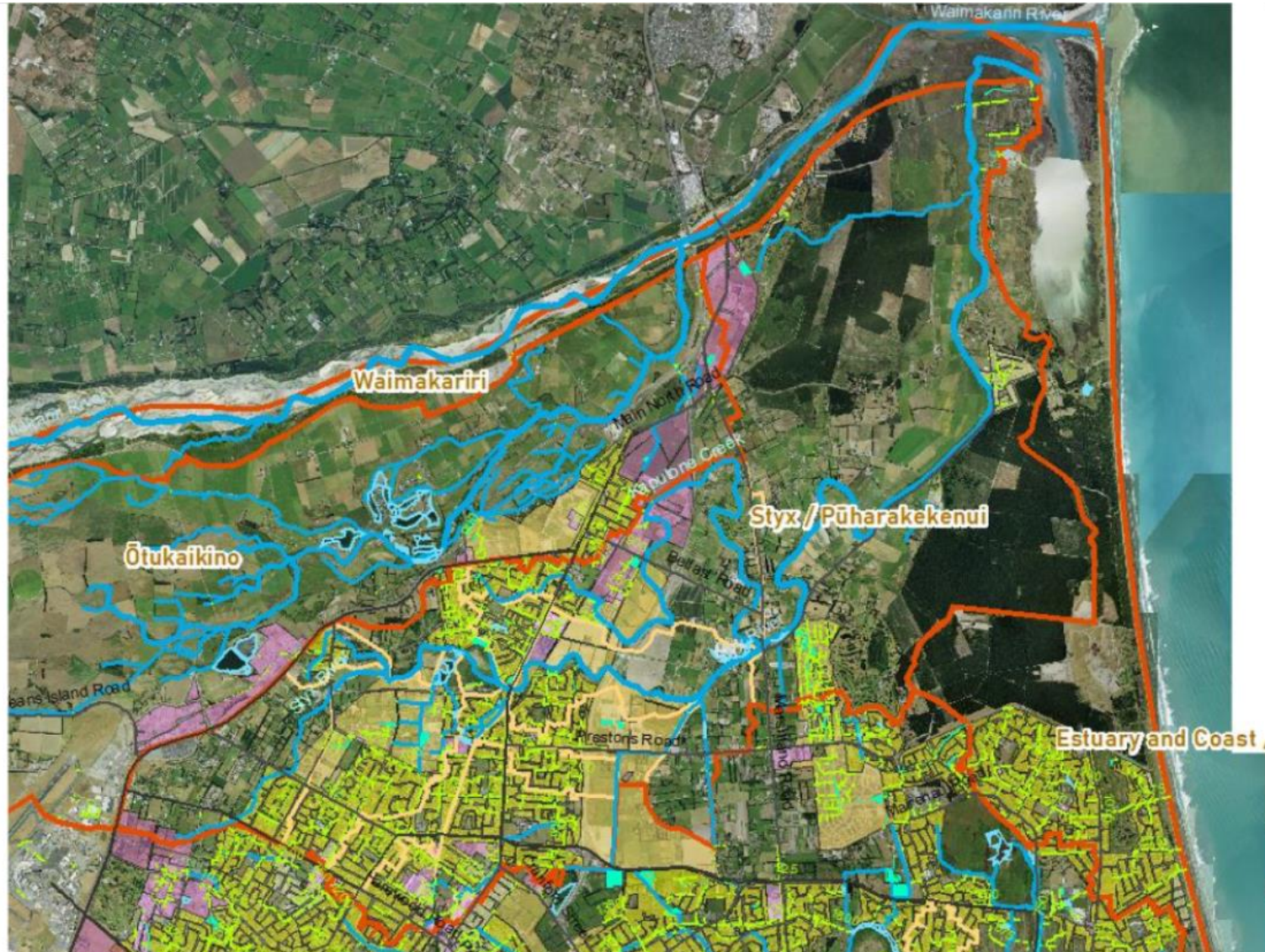


Christchurch-West  
Melton Water  
Management Zone  
Committee  
Briefing  
Thursday 25 May 2023

## Presentation topics

1. Pūharakekenui-Styx Catchment
2. What is a stormwater management plan.
3. What's different about Pūharakekenui-Styx Catchment?



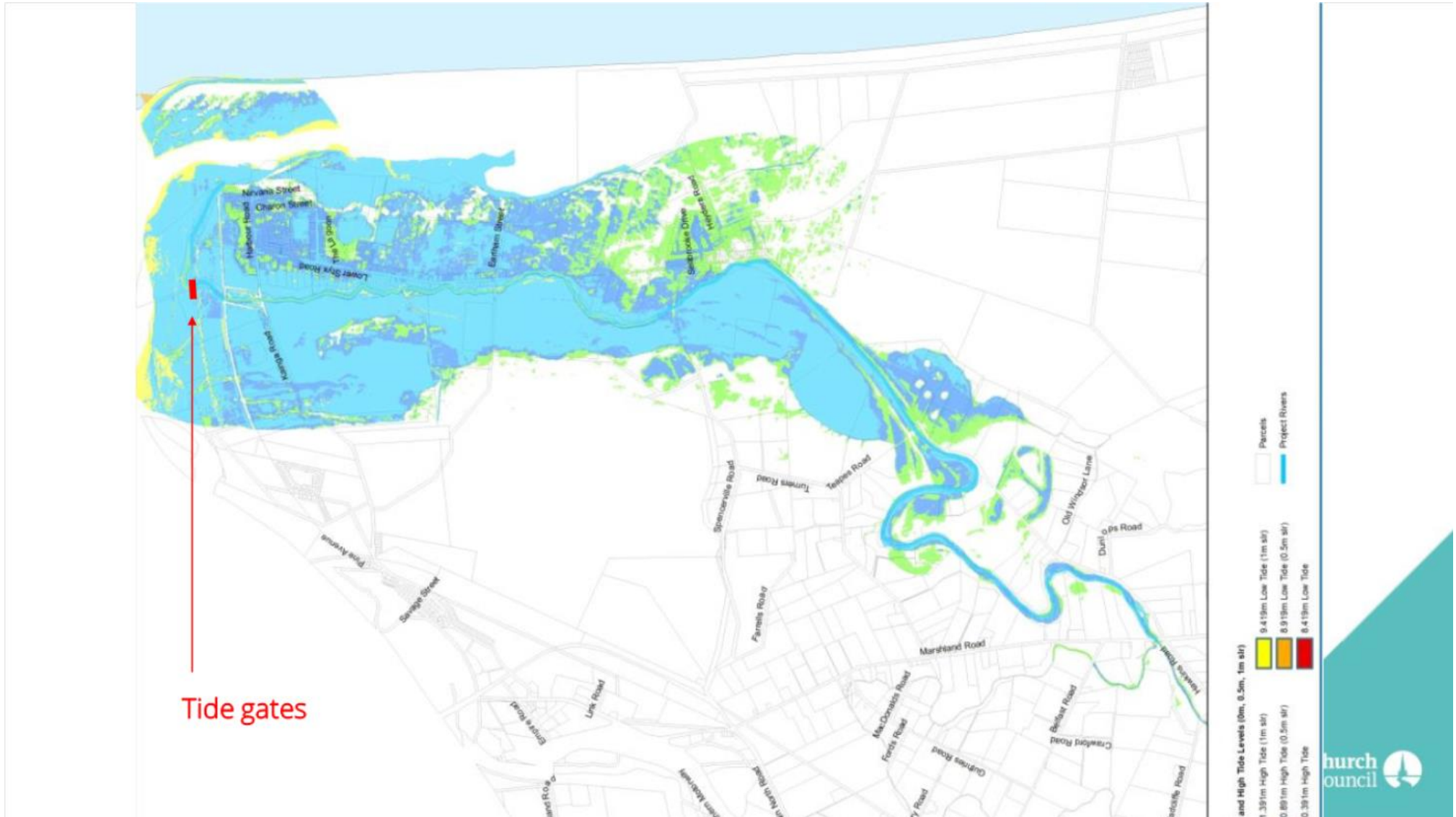


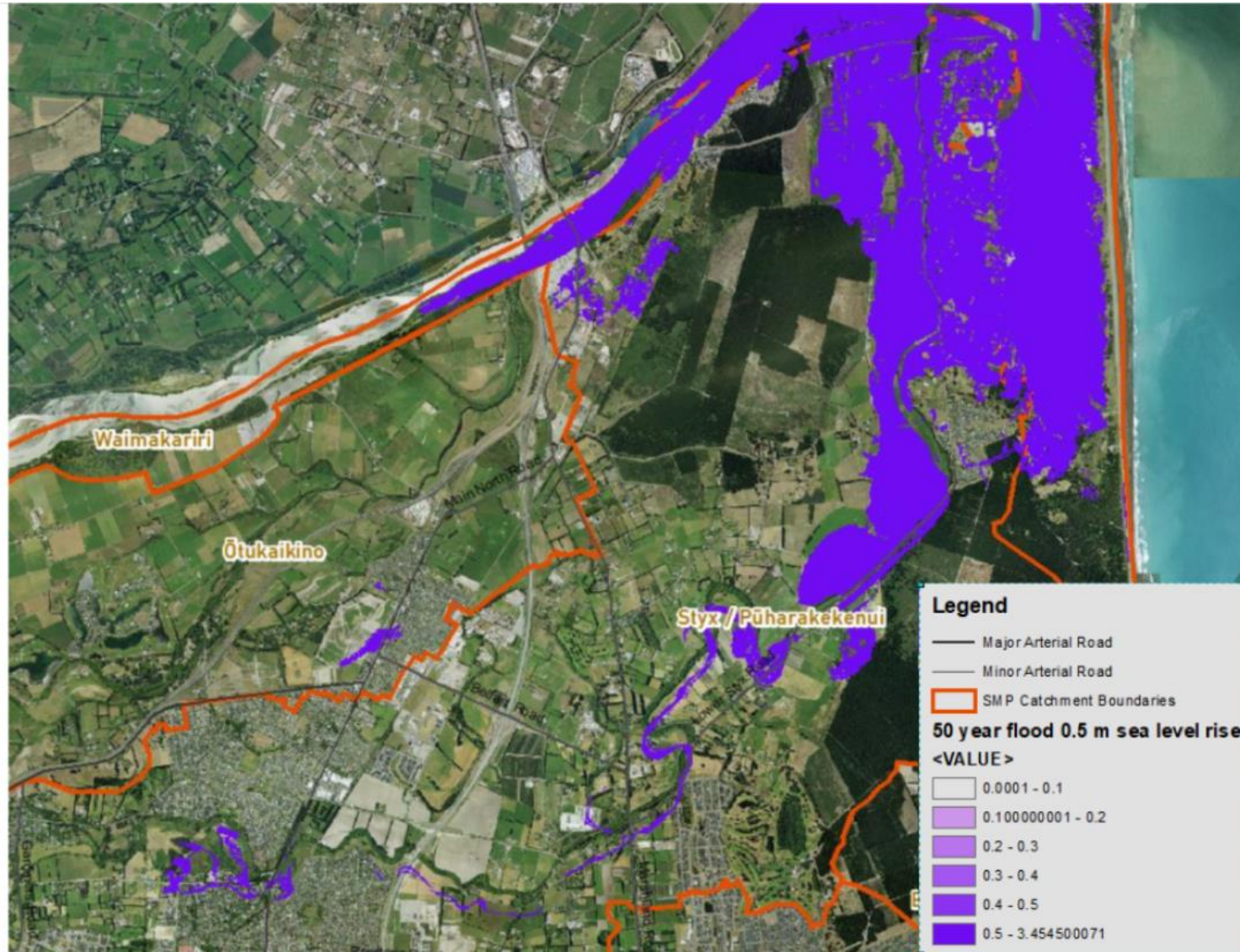




## Flooding

- Pūharakekenui-Styx River rises within the catchment
- Contained within the channel through built-up areas
- Lower catchment is a flood ponding area – (tide gates)
- Aquatic macrophyte growth affects water levels downstream of Radcliff Road
  - +0.3 m average
  - +0.7 m in extreme

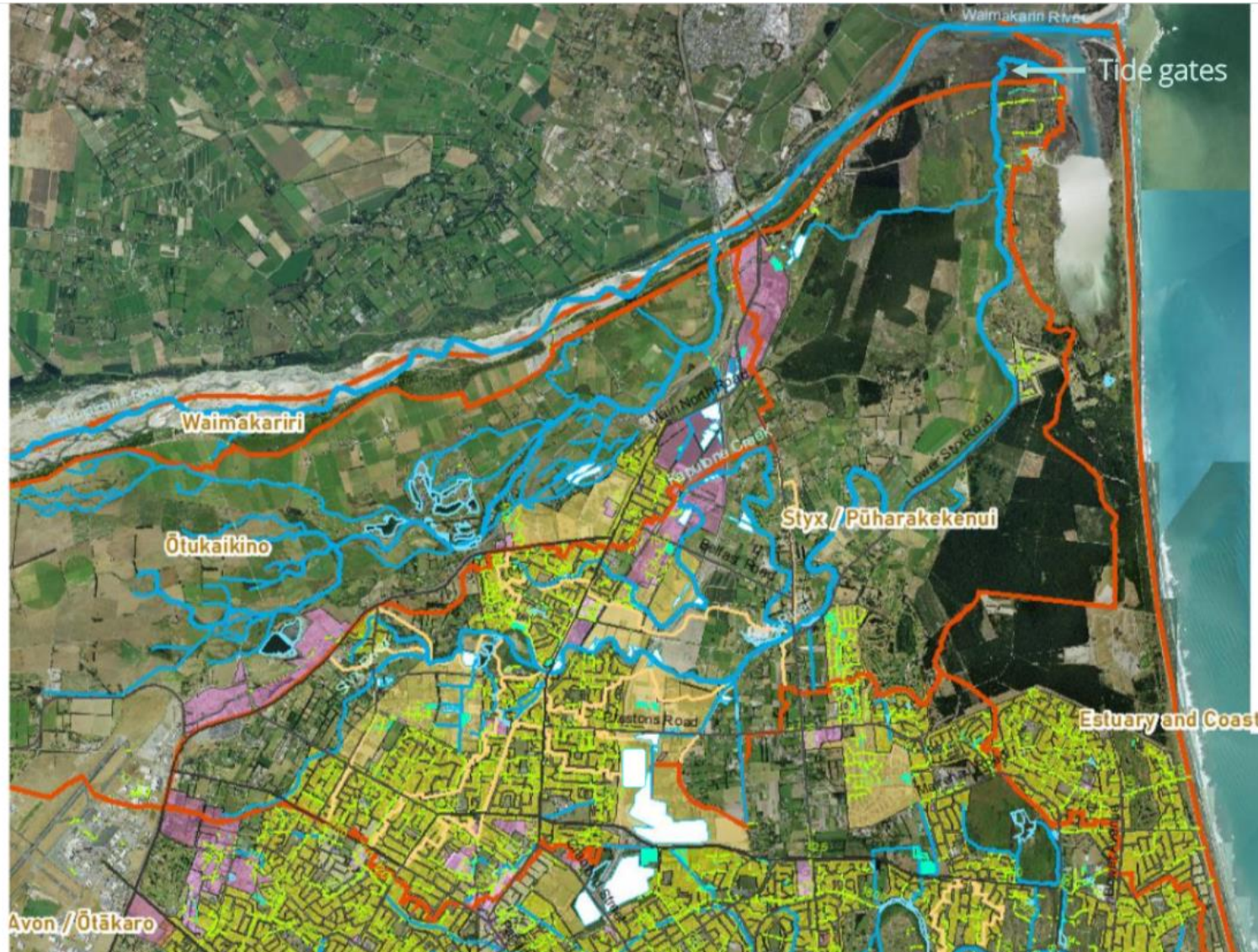






## Contaminants

- Usual range of urban contaminants
  - TSS: roads and construction
  - Copper: brake pads
  - Zinc: roofs and tyres
- Each new development mitigated through basin + wetland
- Large ponding areas Cranford North Basin (north of QE2 Dr).
- Best available treatment for Kruses Drain and Prestons Creek catchments.



Contaminant	Reduction by ...	Effective?	Difficulty	Comments
<b>Copper, Zinc, TSS</b>				
All urban areas	Treatment basins			Older systems
	Basin + Wetland			<b>Current practice</b>
	Cartridge filter			Compact
	Road sweeping			CCC does some
	Low-Cu brake pads			Depends on Cu %
<b>Zinc</b>				
Roofs	Paint roofs			Voluntary only
Tyres	Downpipe filters			Voluntary only
Tyres	New tyre compound?			No substitute for Zn
<b>Sediment</b>				
Building sites	Better on-site practices			Industry resistance
Roads	Trap sediment			Problem is extensive



= The Council is not able to implement this mitigation with current powers.

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End





## 10. Erosion and Sediment Control Update

Reference Te Tohutoro: 23/783647

Presenter(s) Te Kaipāhō: Mike Patchett, Deputy Chair CWMZC

### 1. Purpose of Report Te Pūtake Pūrongo

- 1.1 The purpose of this report is to update the Christchurch West Melton Water Management Zone Committee on the sediment control recommendations made to the Christchurch City Council and Environment Canterbury in August 2022.

### 2. Deputy Chair recommendation

That the Christchurch West Melton Water Management Zone Committee:

1. Notes the Christchurch City Council and Environment Canterbury resolutions of April 2023 and May 2023, respectively.
2. Requests a joint written report and joint verbal presentation from Christchurch City Council and Environment Canterbury staff by or on 28 September 2023 to report to the Zone Committee on the progress of implementing each of the resolutions their Councils passed.
3. Recommends that the Christchurch City Council adopt a holistic Ki uta ki tai approach to the development of the Port Hills Management Plan and work collaboratively with mana whenua and key stakeholders.
4. Request that senior ECan staff consult the Chair regarding the scope of their report to ECan Council on reducing sediment runoff within the Christchurch City Council Boundary.

### 3. Background

- 3.1 The Zone Committee made recommendations to Christchurch City Council and Environment Canterbury in August 2022 relating erosion and sediment control.
- 3.2 The Chair and Deputy of the Zone Committee gave a presentation about these recommendations as part of their verbal presentation of the Committee's triannual report to Christchurch City Council Three Waters Committee in late 2022.
- 3.3 An agenda item was created for a Christchurch City Council meeting, and this took place on 5 April where the Deputy presented about the recommendations (Chair was unavailable). Clive Appleton of Christchurch City Council spoke to his staff report and recommendations, with Nathan Dougherty of Environment Canterbury alongside, providing some assistance. The Councillors made resolutions based on Clive's recommendations from his paper, as well as a new one he raised on the day – a Port Hills management plan.
- 3.4 The Chair and Deputy gave a presentation to Environment Canterbury's Land and Water Committee on 3 May 2023 about these recommendations, as part of the Committee's triannual report to Environment Canterbury. Environment Canterbury staff, Jess Newlands, and Nathan Dougherty, had provided staff recommendations via a staff report. The Councillors adopted the staff recommendations, and an additional one was added based on a suggestion from Cr Southworth. This was based on identifying a need for the Councillors to

better understand the relative roles and responsibilities of Environment Canterbury and Christchurch City Council in terms of erosion and sediment control, as that is essential before the Council can identify any further improvements to erosion and sediment control that Environment Canterbury could contribute to.

#### 4. Report Te Pūrongo

##### 4.1 **Christchurch West Melton Zone Committee recommendations that relate to erosion and sediment control, 25 August 2022:**

###### 4.1.1 That the Christchurch West Melton Water Management Zone Committee:

- Receives the report from Environment Canterbury and Christchurch City Council on erosion and sediment control.

###### 4.1.2 That the Christchurch West Melton Zone Committee recommends to Christchurch City Council and Environment Canterbury:

- That an independent audit of the environmental effectiveness of the regulatory instruments, arrangements and capacity building applying to erosion and sediment control and contaminated stormwater management, be conducted.
- That this audit be used to improve the regulatory frameworks, instruments, and environmental outcomes for waterways within our Zone.
- Advocate to central government, the environmental problems associated with erosion and sediment control from developments on highly erodible hillsides and requests that these be subject to tighter requirements or restrictions.

##### 4.2 **Christchurch City Council resolutions, 5 April 2023: [unconfirmed minutes]**

###### 4.2.1 That the Council:

- Recommend that Council and Environment Canterbury staff continue to work together to improve construction industry compliance with erosion and sediment control matters.
- Continue exploring other best practicable approaches and business practices to gain better environmental outcomes.
- Note that if erosion and sediment control issues continue to be a problem, a variation may be sought to the Council's Comprehensive Stormwater Network Discharge Consent in order to allow Environment Canterbury to exercise its powers under the Resource Management Act to enforce industry compliance.

##### 4.3 **ECan resolutions, 3 May 2023: [unconfirmed minutes]**

###### 4.3.1 That the Water and Land Committee:

- Receives this progress update on the three "Central" Canterbury Water Management Strategy (CWMS) zone committees, on their current priorities, and progress in advancing their Action Plans and budget.
- Notes the resolutions passed by Christchurch City Council on this matter on 5 April 2023 and as detailed in paragraph 29 of this paper.
- Note that staff consider an independent audit as recommended by the Christchurch West Melton Zone Committee is premature given existing Christchurch City Council work underway and given that the City's Comprehensive

Stormwater Network Discharge Consent may be reviewed when it is transferred to and managed by a Water Services Entity created under the Water Services Entities Act 2022.

- Recommends that staff bring a report to the next Water and Land Committee meeting explaining the roles and responsibilities of Environment Canterbury in relation to reducing sediment runoff within the Christchurch City Council boundary.
- Recommends that Canterbury Regional Council and Christchurch City Council staff work together to:

Improve construction industry compliance with erosion and sediment control matters.

Continue exploring other best practicable approaches and business practices to gain better environmental outcomes.

### Attachments Ngā Tāpirihanga

There are no attachments to this report.

## 11. Other Matters

This item provides an opportunity to discuss other matters of note.

### Karakia Whakamutunga

#### Karakia Whakamutunga

##### Closing Prayer

Unuhia, unuhia Unuhia ki te uru tapu nui Kia wātea, kia māmā te ngākau, te tīnana, te wairua i te ara tangata Koia rā e Rongo, whakairia ake ki runga Kia tina! TINA! Hui ē! TĀIKI Ē!	<i>English translation</i> Draw on, draw on, Draw on the supreme sacredness To clear, to free the heart, the body and the spirit of mankind Rongo, suspended high above us (in ‘heaven’) Draw together! Affirm!
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### Karakia mō te kai

#### Prayers for food

Nau mai e ngā hua O te wao O te ngakina O te wai tai O te wai Māori Nā Tāne Nā Rongo Nā Tangaroa Nā Maru Ko Ranginui e tū iho nei Ko Papatūānuku e takoto nei Tūturu whakamaui ki a tina Tina, haumi ē, hui ē Tāiki ē  E Rongo, e Rongo Hōmai ngā tipu Hei whakakī i te tīnana Hei oranga Au eke, au eke Hui ē, tāiki ē!	<i>English translation</i> Welcome the gifts of food From the sacred forests From the cultivated gardens From the sea From the fresh water The food of Tāne Of Rongo Of Tangaroa Of Maru I acknowledge Ranginui above me Papatūānuku who lies beneath me Let this be my commitment to all Draw together Affirm!  Rongo, Rongo Give us the foods, with which to fill the body, and have health That I may ascend Affirm!
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