
Christchurch West Melton Water Management Zone Committee AGENDA

Notice of Meeting:

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

Date: Thursday 27 April 2017
Time: 6.00pm
Venue: Environment Canterbury,
200 Tuam Street

If you require access to the ECan building after the meeting has commenced, please phone
Lesley Woudberg 027 706 4273

Membership

Chairperson	Arapata Reuben Tūāhuriri Rūnanga
Deputy	Suzanne Furkert Community Representative
Chairperson	Councillor Pauline Cotter Christchurch City Council
Members	Councillor Debra Hasson Selwyn District Council
	Councillor Tom Lambie Environment Canterbury
	Herewini Banks Te Hapū o Ngāti Wheke/Rapaki
	Les Wanhalla Te Taumutu Rūnanga
	Andrew Congalton Community Representative
	Chris Kelliher Community Representative
	Robert Wynn-Williams Community Representative
	Kevin Brown Community Representative
	Lance Kenyon Community Representative

20 April 2017

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

Zone Facilitator
Lesley Woudberg
Tel: 027 706 4273
Environment Canterbury

Committee Advisor
Liz Ryley
Tel: 941 8153
Christchurch City Council

To view copies of Agendas and Minutes, visit:

<https://www.ccc.govt.nz/the-council/meetings-agendas-and-minutes/>

<https://www.ecan.govt.nz/get-involved/council-and-committee-meetings/>

TABLE OF CONTENTS

1.	Apologies.....	4
2.	Confirmation of Previous Minutes	4
3.	Matters Arising from the Minutes.....	4
4.	Deputations by Appointment.....	4
5.	Identification of Urgent Items	4
6.	Identification of General Public Contribution	4

STAFF REPORTS

7.	Behaviour Change Proposal - Christchurch City Council Clive Appleton, Natural Environment Team, Christchurch City Council will give a verbal update on the Council's Behaviour Change Proposal.	
8.	Immediate Steps Biodiversity Project Proposals	11
9.	Haytons Stream Catchment.....	25
10.	Port Hills Fire Recovery James Tricker will give a verbal update on the Port Hills Fire Recovery, including about the bus trip and the Fire Recovery Plan discussion document.	
11.	Avon-Heathcote Estuary Ihutai Trust - Mother of All Clean Ups	31
12.	Update Working Groups - April 2017	33
13.	Facilitator's Update - April 2017	37

1. Apologies

2. Confirmation of Previous Minutes

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on [Thursday, 23 March 2017](#) be confirmed (refer page 5).

3. Matters Arising from the Minutes

4. Deputations by Appointment

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

5. Identification of Urgent Items

6. Identification of General Public Contributions

Christchurch West Melton Water Management Zone Committee OPEN MINUTES

Date: Thursday 23 March 2017
Time: 4.30pm
Venue: Fendalton Service Centre
Cnr Clyde and Jeffreys Roads

Present

Chairperson	Arapata Reuben Tūāhuriri Rūnanga
Members	Councillor Pauline Cotter Christchurch City Council
	Councillor Debra Hasson Selwyn District Council
	Tom Lambie Environment Canterbury
	Herewini Banks Te Hapū o Ngāti Wheke/Rapaki
	Chris Kelliher Community Representative
	Robert Wynn-Williams Community Representative
	Kevin Brown Community Representative
	Lance Kenyon Community Representative

22 March 2017

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

Zone Facilitator
Lesley Woudberg
Tel: 027 706 4273
Environment Canterbury

Committee Advisor
Liz Ryley
Tel: 941 8153
Christchurch City Council

www.ccc.govt.nz

To view copies of Agendas and Minutes, visit:
www.ccc.govt.nz/thecouncil/meetingsminutes/agenda/index.aspx
www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx

Arapata Reuben opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

1. Apologies

Committee Resolved CWZC/2017/00008

That apologies for absence from Suzanne Furkert, Les Wanhalla and Andrew Congalton, and an apology for lateness from Pauline Cotter, be accepted.

Member Reuben/Member Kenyon

Carried

2. Confirmation of Previous Minutes

Committee Resolved CWZC/2017/00009

Committee Decision

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 23 February 2017 be confirmed.

Member Kelliher/Member Kenyon

Carried

3. Matters Arising from the Minutes

There were no matters arising.

4. Deputations by Appointment

There were no deputations by appointment.

5 Identification of Urgent Items

Election of a Regional Representative for 2017

At the 23 February 2017 meeting elections were held for the Chair, Deputy Chair and Regional Representative. Les Wanhalla was unable to attend the meeting but was nominated as Regional Representative subject to his acceptance following the meeting. He has subsequently declined the position.

Nominations were called for the appointment of Regional Representative.

Committee Resolved CWZC/2017/00010

That the Christchurch West Melton Water Management Zone Committee elect:

Lance Kenyon as Regional Representative for 2017.

Councillor Hasson/Member Brown

Carried

6. Identification of General Public Contributions

Ken Rouse, Chair of the Cashmere Stream Care Group Committee addressed the Committee on the post fire situation on the Port Hills fire. He tabled a newsletter from the Group titled The Stream regarding the immediate issues of erosion and sediment runoff that are facing the Cashmere Stream and Opawaho/Heathcote River catchments. Copies of the newsletter will be forwarded to Committee members.

7. Water Races - Selwyn District Council

Murray England, Asset Manager Water Services for the Selwyn District Council, provided a powerpoint on "The Future of Water Races Everything BUT Stock Water" and responded to questions. Discussion included information about the closures of water races and the cost to maintain them. It was noted there was a consultation process before closure of any water races. The powerpoint will be forwarded to Committee members.

Committee Resolved CWZC/2017/00011

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the report on the water race system managed by Selwyn District Council.

Member Reuben/Councillor Hasson

Carried

8. Groundwater/Drylands Working Group

Chris Kelliher reported to the Committee on the progress the Groundwater/Drylands Working Group has made to achieve its objectives to:

- Know how much water is available to use
- Understand the landownership pattern within the "protection zone"
- Understand the threats to Christchurch's groundwater system
- Identify how the Working Group can protect this resource for future generations.

This included an inspection of the zone, checking a number of Overseer nutrient budgets in the zone, and indicated possible ways forward including managed augmentation of the groundwater and streams.

Discussion was held about whether the current regulations and rules in the Plans achieve the Zone Committee's objectives and policies. It was noted that after five years a review of the Land and Water Regional Plan was required to determine its efficiency and effectiveness (i.e. 2022).

Committee Resolved CWZC/2017/00012

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the Groundwater/Drylands Working Group report.
2. Agrees as the next step to safeguard the groundwater quality and flows for multiple uses (as per the Christchurch West Melton Zone Implementation Programme Priority Issue 4.1).

Member Kelliher/Member Reuben

Carried

9. Port Hills Fire - Recovery

The Committee received an update on the fire recovery work on the Port Hills. James Tricker reported that meetings will be held during the week of 27 March 2017 with affected landowners about their issues and how to minimise erosion etc.

Lance Kenyon and Tom Lambie reported on the outcome of a workshop they attended on 18 March 2017 about the Port Hills fire.

The Committee discussed the implications of the fire on the health of waterways and how they could assist recovery through biodiversity funding.

Councillor Cotter arrived at 5.45pm.

Staff Recommendation

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the report on the Port Hills Fire - Recovery.
2. Agrees to make the fire affected catchments in the Christchurch West Melton zone a priority for 2017/18 Immediate Steps allocation (\$100,000) for the zone.

Committee Resolved CWZC/2017/00013

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the report on the Port Hills Fire - Recovery.
2. Agrees to make the fire affected catchments in the Christchurch West Melton zone a priority for 2017/18 and 2018/19 Immediate Steps allocations for the zone.

Member Kelliher/Member Brown

Carried

10. Update Working Groups - 23 March 2017

The Committee received an update report from the Working Groups:

- Urban Contaminant
- Rural Catchment
- Cashmere Catchment
 - Kevin Brown reported on a programme by Canterbury University to monitor water quality in relation to the Port Hills fire.
- Groundwater/Drylands
- Communication and Engagement

- Lesley Woudberg advised that a draft Engagement Strategy would be available in due course.

- Biodiversity – Immediate Steps Funding
- Regional Committee
- Liaison with Community Groups

Committee Resolved CWZC/2017/00014

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the report.

Member Reuben/Member Banks

Carried

11. Facilitator's Update - 23 March 2017

Lesley Woudberg's report provided the Committee with information on upcoming events. She reported that the Team Leader Facilitator for the Zone Committees, Barbara Nicholas, had resigned from her role. Lesley advised that she had been appointed the new Team Leader.

Committee Resolved CWZC/2017/00015

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the Facilitator's report.
2. Notes the upcoming events.

Member Banks/Member Kenyon

Carried

Arapata Reuben closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 6.04pm.

CONFIRMED THIS 27TH DAY OF APRIL 2017

**ARAPATA REUBEN
CHAIRPERSON**

8. Immediate Steps Biodiversity Project Proposals

Reference: 17/397605

Contact: Helen Greenep helen.greenep@ecan.govt.nz 027 225 6419

1. Purpose of Report

- 1.1 This report provides a summary of Immediate Steps Biodiversity Project applications received during Funding Round Two.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee agree to fund:

- a. The Sanctuary Wetland Riparian Enhancement Project to the sum of \$36,122
- b. Brooklands Lagoon Enhancement Project to the sum of \$14,124
- c. Anzac Drive Mahinga Kai Enhancement Project to the sum of \$9,415
- d. Drayton Reserve Stream Enhancement to the sum of \$2,225

That the Christchurch West Melton Water Management Zone Committee does not fund:

- e. Okeover Stream Sediment Removal Project (\$15,305)

3. Report

The Christchurch West Melton Water Management Zone Committee (Zone Committee) has \$100,000 of Immediate Steps funding per year to spend on projects to protect/ enhance biodiversity. The Immediate Steps fund was set up in recognition that protection and restoration of biodiversity and ecosystems requires a dual approach of action on the ground (e.g. covenants and planting) and improved planning frameworks.

The Christchurch West Melton zone has \$76,335 left to allocate to projects this financial year. This year the Zone Committee have changed the application and decision process, having defined funding rounds rather than taking applications at any time during the year. The total amount for round two projects being presented is \$88,417. If all project proposal recommendations are supported (\$61,886) the Zone Committee will have \$14,450 left.

Each project has been assigned an ecological score based on "Guidelines for the application of ecological significance for indigenous vegetation and habitats of indigenous fauna in Canterbury Region". Projects were prioritised by an expert panel made up of staff from Environment Canterbury and Christchurch City Council and were assessed against these six criteria:

- 1. Protect and maintain the health of all significant habitats and ecosystems.
- 2. Restore the natural character of degraded indigenous habitats and ecosystems.
- 3. Increase the integration and sustainable use of indigenous species in modified environments (e.g. farm, urban, lifestyle blocks).
- 4. Enhance public awareness, understanding and support of biodiversity.
- 5. Encourage, celebrate and support action by landowners and communities to protect, maintain and restore biodiversity.



6. Improve the range of knowledge and information about Canterbury's biodiversity for its sustainable management.

Recommendations from the expert panel were provided to the Zone Committee's biodiversity subgroup who recommend supporting four of the five applications outlined below:



Project Details	
Project Name	Sanctuary Riparian Enhancement Project
Supporting Organisation/ Community Group	North Canterbury Forest and Bird Protection Society
Project Location	Sanctuary Wetland, South bank of Waimakariri River
Nature of Project	Enhancement
Habitat Type	Lowland Streams, Wetlands
Project Aim	Protection and enhancement of one of the best remaining examples of formerly widespread freshwater swamp habitat
Project Outcomes	Enhancing the five metre riparian strip. Creating a forest patch to link with other forest patches. Install a trapline to reduce predation on native bird populations and enhance the subcanopy.
Work to be undertaken	Restore the riparian vegetation and native forest cover within the Sanctuary and set up a trapline to protect bird populations
Funding	From ECan: \$36,122 = 31% of total project cost
Ecological Score	30/39
ZIP priority outcome alignment	EB1, EB2, EB4, EB6, EB7,
Recommendation	Fund to the value of \$36,122



Photo shows the Sanctuary Wetland with the stream in blue. A=5m wide riparian margin to be planted to increase overhanging canopy. B= block planting to link with existing forest patches. C= proposed 760m trapline. Red Xs show where Forest and Bird have already carried out volunteer riparian restoration



A track cut into the wetland so that public can easily walk through



An example of remnant vegetation in the Sanctuary Wetland

« Projects

[Terms & Rules](#) | [Join this project](#)

Waimakariri Biodiversity areas

[Add observations to this project](#)

Stats

Totals

50

Observations »

36

Species »

2


People »

Most Observations

 **gregs**
48 observations

 **michael24**
2 observations

Most Species

 **gregs**
30 species


 **michael24**
2 species

Most Observed Species

 **Possum**
3 observations

 **Kanuka**
3 observations

 **Australasian Bittern**
2 observations

 **European Polecat**
2 observations

 **Common Hedgehog**
2 observations



» Members

4 members



[View all members »](#)

» Export observations

[Atom](#) / [KML](#) / [CSV](#)

About

This project logs all observations in the Waimakariri nature reserve areas. The managed nature reserves are: Poynter's nature reserve on the northern bank upstream of the Kaiapoi confluence, Te Rauakaaka Nature reserve on the south bank opposite and 'the sanctuary' on the south bank situated north of the airport.

Observations can include: trapped pests, plant finds, birds observed and [...more ↓](#)

[Like 0](#) [Share](#)

 **gregs** created this project on December 07, 2016

Is this [inappropriate](#), [spam](#), or [offensive](#)? [Add a flag](#)

[Embed a widget for this project on your website](#)

Recent observations [View all »](#)

[Grid](#) [List](#)



The Sanctuary has its own project on NatureWatch, monitoring pest animal kills, pest plants and native biodiversity

Project Details

Project Name	Brooklands Lagoon Enhancement Project
Supporting Organisation/ Community Group	A joint proposal between CCC and ECan park rangers and Ourhuia school



Project Location	Brooklands lagoon
Nature of Project	Enhancement
Habitat Type	Coastal lakes, Hapua, Lagoons and Estuaries
Project Aim	Long term protection and enhancement of the lagoon ecosystem and enhance visitor experience
Project Outcomes	Enhance local plant diversity, genetic sources, feeding option for birds, lizards and insects and habitat options
Works to be undertaken	Enhance the back-dune plant biodiversity and the recreational experience through plantings and track upgrade
Funding	\$28,350 = 54% of total project cost
Ecological score	30/39
ZIP priority outcome alignment	EB1, EB3, EB6, Brooklands Lagoon has been identified in the CWM Zip as a priority area / ecosystem
Recommendation	Fund to the value of \$14,124 to support the planting. Work with ECan and CCC staff to support the education component



Brooklands Lagoon track with ten points for planting (blue cross). Each point will have 200 plants. Red cross shows where bridge needs to be replaced.

Project Details	
Project Name	Anzac Drive Mahinga Kai Enhancement
Supporting Organisation/ Community Group	Avon Otakaro Network
Project Location	Anzac Drive
Nature of Project	Enhancement
Habitat Type	Wetlands, Lowland Streams
Project Aim	<ul style="list-style-type: none"> - Improve fish habitat, particularly for eels (tuna) and whitebait (inaka) - Increase riparian planting, particularly native species, and provide areas for wetland species regeneration. - Reduce invasive plant species particularly willow and blackberry and reduce pest animal species such as rats, stoats, possums and Canada geese by decreasing their food and habitat supply. - Increase visual amenity of an area under particularly high public observation - Provide opportunities for community engagement and participation – water testing, site clearing, planting etc.
Project Outcomes	More naturally functioning wetland ecosystem
Works to be undertaken	Poisoning of willows and planting native species
Funding	\$9,415 = 67% of total project cost
Ecological Score	21/39
ZIP priority outcome alignment	EB1, EB2, EB5, EB6,
Recommendation	Fund to the value of \$9,415





Project Details	
Project Name	Drayton Reserve Stream Enhancement
Supporting Organisation/ Community Group	David Bryce and Drayton Reserve volunteer group
Project Location	Drayton Reserve - Mc Cormicks Bay
Nature of Project	Enhancement
Habitat Type	Banks Peninsula stream, Hill Country Catchments
Project Aim	To restore the quality and ecology of the water resources and to increase the quantity and diversity of local native flora and fauna
Project Outcomes	Improved ecological functioning of stream and surrounding landscape
Works to be undertaken	Plant native species
Funding	\$3,000 = 44% of total project cost
Ecological Score	16/39
ZIP priority outcome alignment	EB1, EB4, EB6, EB9
Recommendation	Fund to the value of \$2,225



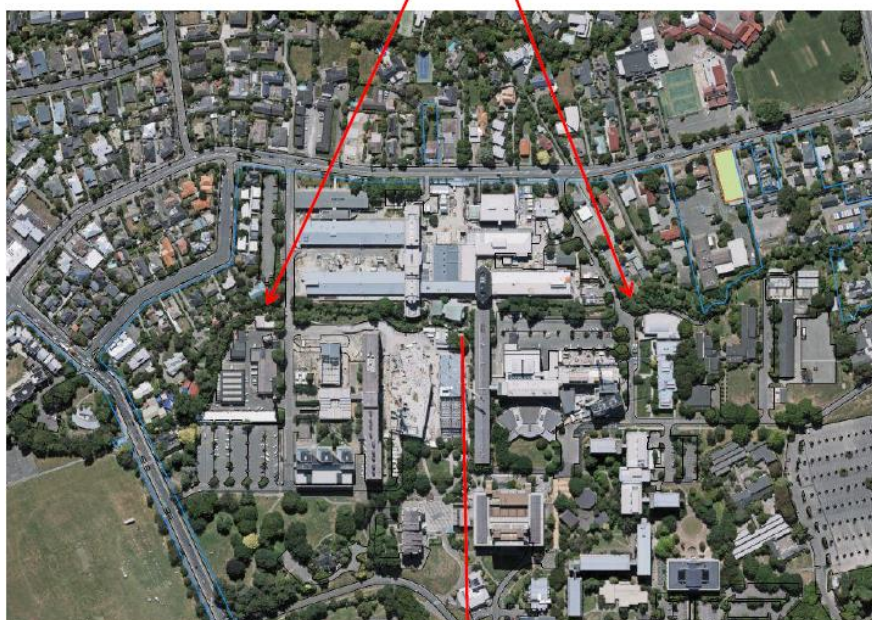


Item 8



Project Details	
Project Name	Okeover Stream Enhancement
Supporting Organisation/ Community Group	University of Canterbury Sustainability Group
Project Location	Okeover Stream within Canterbury University site
Nature of Project	Enhancement
Habitat Type	Lowland Streams
Project Aim	Improve the habitat quality of the stream
Project Outcomes	Rehabilitation of Waiutuutu / Okeover Stream
Works to be undertaken	Removal of sediment from existing sediment trap in engineering pool using a CCC approved contractor and done in conjunction with CCC when they do the two other sediment traps
Funding	\$15,304.88 = = 28% of total project cost
Ecological Score	16/39
ZIP priority outcome alignment	EB1
Recommendation	Not fund It was considered that it is the responsibility of University to maintain the sediment trap. It was considered that the third party contribution did not add value in the best way it could

Waiutuutu/Okeover Stream



Engineering Pool

Attachments

No.	Title	Page
A ↓	List of Immediate Steps Biodiversity Projects - October 2011 to April 2017	22

Item 8

List of Immediate Steps Biodiversity Projects in the Christchurch West Melton Zone October 2011 – 27 April 2017

Project Name	Grant Recipient	Project Aim	Approval Year	Estimated Completion Date	Total Approved Funding (\$)
Sanctuary Wetland Restoration Project	Part of Regional Waimakariri Corridor project	Enhance the biodiversity values of the immediate area and provide a seed source for the distribution of native seeds to other areas of the river.	2013	Completed	\$30,000
Te Rauakaaka Nature Reserve	As above	Protect the biodiversity and habitat values of the area and, together with the Brooklands Lagoon, provide a large and significant area for wildlife.	2013	Completed	\$10,000
Styx River Esplanade Reserve	CCC	Create a healthy indigenous forest cover which provides for native birds and shades the river, improving instream health and supporting healthy populations of native fish	2013	Completed	\$13,750
Ōtukaikino Wetland	Lamb and Hayward	A self-sustaining wetland of remnant vegetation which supports native birds and fish. High quality water entering and within the wetland.	2013	2018	\$51,600
Abbottsburn Native Planting	Ross Roberts	To provide increased native vegetation cover of the stream and improved in-stream health and flow.	2013	2018	\$11,800
Kiokio Springs	Marie Hedges	Protect healthy springs and watercourses linked to the Ōtukaikino which support native bird and fish life and contribute seed sources to the local area.	2013	Completed	\$11,709
Waimakariri Corridor - Kainga Bush	Part of Regional Waimakariri Corridor project	To successfully establish and maintain an ecological corridor of stepping stones consisting of native planting sites and protected native remnants along the river which provide habitat for native fauna. This concept would become part of the broader management plan for the river currently being developed by its three bordering CWMS zone committees and is consistent with the Ngāi Tahu concept of Ki Uta Ki Tai which seeks to manage our lands holistically from the mountains to the sea.	2013	2018	\$14,667
Waimakariri Corridor - Miners Groyne Wetland					\$3,000
Waimakariri Corridor Restoration Plan Contribution Christchurch Zone					\$2,666
Ōtukaikino stream enhancement - Island Farm	Dave Shipley	The project is building on a large amount of riparian planting that has occurred downstream on the Ōtukaikino and work at the Groynes Lakes. In addition, this project should assist in reducing weed problems and promoting biodiversity values in the project area and adjacent downstream areas. This project will also contribute to the protection of existing high water quality values in this stream network.	2013	2018	\$20,508
Kaputone Confluence Conservation Reserve	CCC	Establish a dense native riparian forest corridor along both banks of Kaputone Stream, a core native forest habitat and a Maori Medicinal Plants Demonstration area	2013	Completed	\$22,900
Ōtukaikino Confluence Planting	CCC	Create a well-established forested riparian corridor along the length of the Ōtukaikino and its tributaries that provides high quality habitat for native birds and fish.	2014	Completed	\$40,000
Plantation Creek Restoration	Isaacs Conservation Trust	A healthy riparian corridor and river channel capable of supporting native bird and fish species.	2014	2017	\$59,708
Ōtukaikino Wetland Phase 2	Lamb and Hayward	A self-sustaining wetland of remnant vegetation which supports native birds and fish with high quality water entering and within the wetland.	2015	2017	\$23,396
Otukaikino Wetland Beggars tick control	Lamb and Hayward	A self sustaining wetland of remnant vegetation which supports native birds and fish. High quality water entering and within the wetland.	2015	Completed	\$9,000
McLeans Grasslands	CCC	Improved management of the native dryland/grassland vegetation in the McLeans Island area	2015	2017	\$13,085
Ernle Clark Reserve community planting	Friends of Ernle Clark Reserve	To establish a sub-canopy of eco-sourced site appropriate native plants within the now formed canopy in Ernle Clark reserve.	2015	Completed	\$1,600
Kaputone Creek at Thompson's Farm Reserve	CCC	Create a key link in the forest corridor along Kaputone Stream with core bush, bird and other native wildlife habitat. Also increase native vegetation cover and diversity, provide for traditional Maori resources and mahinga kai and protect natural springs/waipuna.	2015	2018	\$19,350
Thistledown Reserve Restoration	Ihutai Estuary Trust	Restoration of the ecological values of the wetland, including for fish species and birds	2016	2017	\$5,100
Worsleys Gully Stabilisation	Katherine Mahy	Reintroduction and reestablishment of native plants to bring back biodiversity of plants and animals and to assist in controlling soil erosion within the gully	2016	Damaged by fire	\$3,861.15
NIWA Urban Forest Nertwork	NIWA	To contribute to the creation of a network of habitat patches for native birds/fauna within the Christchurch urban area.	2016	2018	\$9,400
Whaka Inaka	EOS Ecology	To provide temporary spawning habitat to help reverse the recent decline in spawning activity in these catchments. To identify new spawning sites that can be used to direct where future permanent inanga spawning restoration initiatives can be developed.	2016	Completed	\$16,647
Plantation Creek Restoratoin Phase 2	Isaacs Conservation Trust	A healthy riparian corridor and river channel capable of supporting native bird and fish species.	2016	2018	\$23,200
Cashmere Stream Enhancement	Cashmere Stream Care group	To protect and enhance the ecology of Cashmere Stream	2016	2019	\$16,420
Paeroa Reserve Stream Enhancement	West Riccarton Neighbour-	<ul style="list-style-type: none">Engage the local community and encourage involvement in the projectImprove water quality, stream flow and surrounding habitatIncrease biodiversity through increased native planting	2016	2016	\$2,930

	hood support Group	• Raise awareness of the importance of keeping gutters and drains clean			
Wairarapa Stream Sediment Removal	Fish and Game	Improved habitat for native fish, eels and invertebrates. Reinstatement of natural cobbled stream bed	2016	2017	\$17,612
Total amount awarded over the first five years of Immediate Steps					\$437,262
Intake Road Dryland	Brian Dimbleby	Protect remnant dryland ecosystems and species	2017	2019	\$9,852
Calders Reserve bird roost	Forest and Bird	Enhanced bird habitat by providing a raised area where birds can roost safely	2017	2019	\$1,000
Cashmere Stream stage two	Cashmere Stream Care Group	To protect and enhance the ecology of Cashmere Stream	2017	2020	\$25,000
Huntsbury Gully	Christoph Schacher	A healthy stream with native vegetation cover and reduced sediment load.	2017	2020	\$10,015
Ka Putahi Creek Floodplain and Forest Establishment	CCC	Restoration of a dryer plains forests dominated by totara/matai in a bush patch configuration across the Styx catchment.	2017	2020	\$25,750
Wairarapa Stream Sediment Removal	Fish and Game	Improved habitat for native fish, eels and invertebrates. Reinstatement of natural cobbled stream bed	2017	2018	\$3,560
Otukaikino Maintenance	Fish and Game	Protection of the planting that has been carried out for protection of existing biodiversity and increased native vegetation cover and a reduction in weeds leading to improved habitat for native fish and invertebrates	2017	2020	\$11,520
Total amount awarded during Round One 2016/2017					\$86,697
Sanctuary Wetland Riparian Enhancement Project	Forest and Bird	Protection and enhancement of one of the best remaining examples of formerly widespread freshwater swamp habitat			\$36,122
Brooklands Lagoon Enhancement Project	Ourhuia School ECan & CCC	Long term protection and enhancement of the lagoon ecosystem and enhance visitor experience			\$14,124
Anzac Drive Mahinga Kai Enhancement Project	Avon – Otakaro Network	<ul style="list-style-type: none"> - Improve fish habitat, particularly for eels (tuna) and whitebait (inaka) - Increase riparian planting, particularly native species, and provide areas for wetland species regeneration. - Reduce invasive plant species particularly willow and blackberry and reduce pest animal species such as rats, stoats, possums and Canada geese by decreasing their food and habitat supply. - Increase visual amenity of an area under particularly high public observation - Provide opportunities for community engagement and participation – water testing, site clearing, planting etc 			\$9,415
Drayton Reserve Stream Enhancement	David Bryce	To restore the quality and ecology of the water resources and to increase the quantity and diversity of local native flora and fauna			\$2,225
Total amount recommended – Round Two					\$61,886

Grant applicants that have previously received Immediate Steps Funding are highlighted in orange

9. Haytons Stream Catchment

Reference: 17/399106

Contact: Nick Moody

nick.moody@ecan.govt.nz

365 3828

1. Purpose of Report

Nick Moody will show a PowerPoint on Haytons Stream Catchment.

2. Staff Recommendations

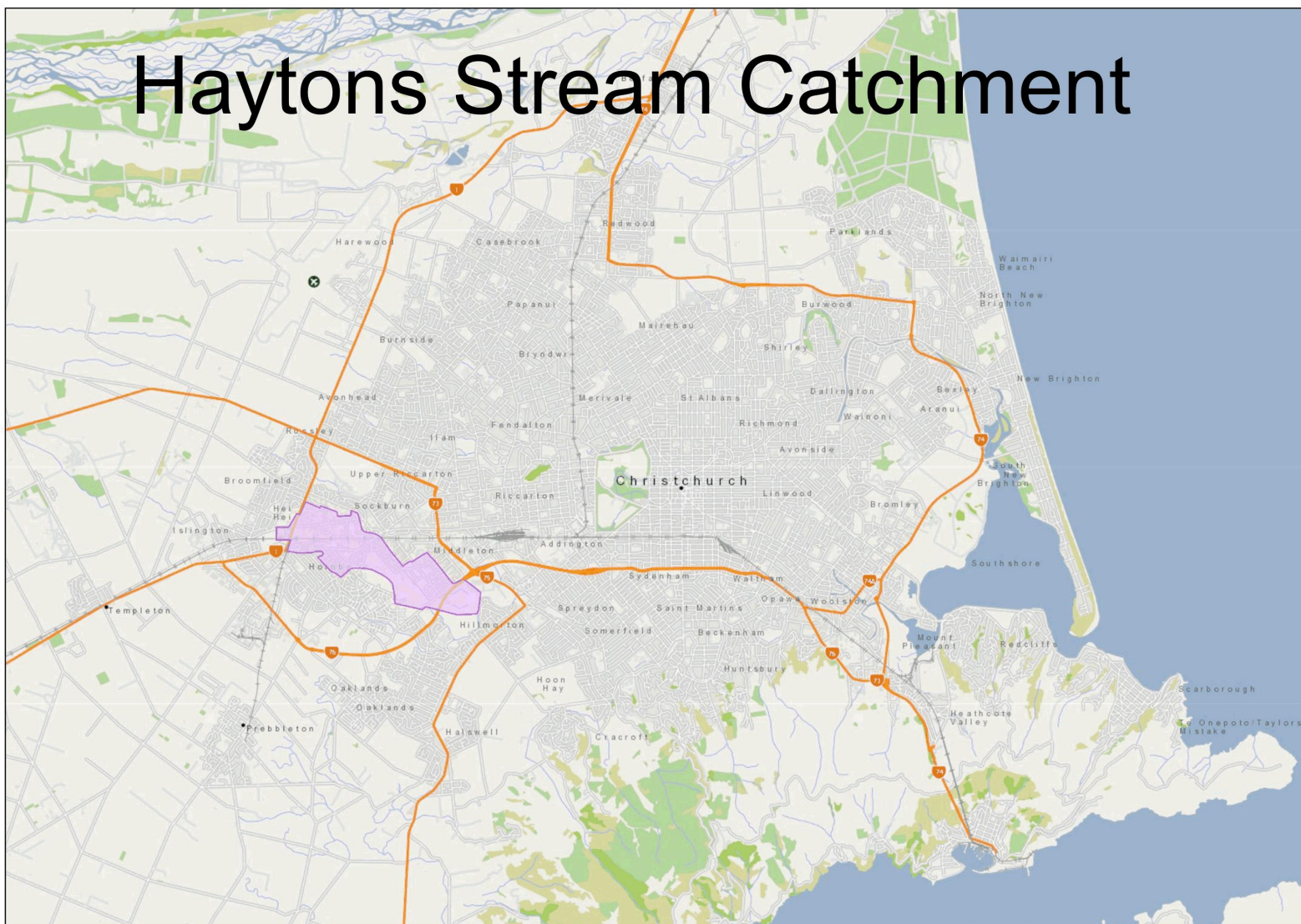
That the Christchurch West Melton Water Management Zone Committee:

1. Note the Powerpoint on Haytons Stream Catchment.

Attachments

No.	Title	Page
A ↓	Haytons Stream Catchment	26

Haytons Stream Catchment





Common Pollution Sources



**Environment
Canterbury
Regional Council**
Kaunihera Taiao ki Waitaha





11. Avon-Heathcote Estuary Ihutai Trust - Mother of All Clean Ups

Reference: 17/399368

Contact: Lesley Woudberg lesley.woudberg@ecan.govt.nz

027 706 4273

1. Purpose of Report

- 1.1 This report provides information on this year's Mother of All Clean Ups and encourages members of the Zone Committee to become involved.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee supports the Mother of All Clean Ups by:

1. Joining the clean up on Saturday 13 May 2017 from 10am to 12noon.
2. Helping with the barbecue at the Tannery from 12 noon to 2pm.

3. Report

This year's Mother of all Clean Ups is scheduled for Saturday 13 May. The format is similar to last year <http://www.estuary.org.nz/projects/mother-of-all-clean-ups.html>

Individuals and groups register via info@estuary.org.nz and are assigned an area to clean up along the banks of the Otakaro/Avon and Opawaho/Heathcote Rivers or along the edge of the Estuary. The clean up takes place between 10am – 12noon followed by a social barbecue from 12noon - 2pm hosted by the Tannery.

This is a great opportunity for the Zone Committee to engage with communities along Christchurch's waterways and share your knowledge and enthusiasm to make them a better place for all to enjoy.

Attachments

There are no attachments to this report.

12. Update Working Groups - April 2017

Reference: 17/399608

Contact: Lesley Woudberg lesley.woudberg@ecan.govt.nz

027 706 4273

1. Purpose of Report

- 1.1 This report updates the Committee on the activities of each Working Group over the last month and the next steps each group are working on.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee:

1. [Receive the information in the Update Working Groups report.](#)

3. Key Points

Urban Contaminant Working Group – Andrew Congalton

Priority catchments: Addington, Riccarton and Haytons

What are we trying to achieve in 5 years (2020)

- Addington Brook improve catchment health – contact recreation by 2020 and swimmable by 2030 (linking to Zone Implementation Programme - ZIP)
 - Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by June 2017
- Riccarton Stream improve catchment health (linking to ZIP's)
 - Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by 2018
- Haytons Brook improve catchment health (linking to ZIP's)
 - Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by 2018

What have we done since we last met?

- The Christchurch-West Melton Zone Committee Office 365 shared space is now active.
- Hayton's programme ECan & CCC staff are continuing to identify and work with the higher risk businesses in the catchment to ensure practices meet minimum stormwater standards and encourage best practice (5 min presentation to Christchurch City Council meeting 6 April).
- Continuing to work with others to build agreement on planned action to pull together a catchment management plan for Addington.
- Discussions on a proposed urban contaminants workshop with MBIE and MFE early June (date TBC).

Next steps

- Prepare a plan of action involving all agencies and groups involved in the Addington catchment by June 2017.

- Continue to work track down the main sources of contamination in the Haytons catchment and work with business to develop plans for improvement.
- Organise an expert workshop on actions to manage urban contaminants, hosted by the ZC with central government agencies (MBIE and MFE) and the University of Canterbury (June TBC).

Rural Catchment Working Group – Arapata Reuben

Priority catchment – Cashmere

Cashmere Catchment Working Group – Arapata Reuben

What are we trying to achieve in 5 years (2020)

- Reduce sediment getting into Cashmere Stream (and therefore the Heathcote/Ōpāwaho and Avon-Heathcote Estuary/Ihutai)
- Improve ecosystem health

What have we done since we last met?

- Port Hill fire recovery has become a focus.
- Hosted a field trip around fire affected areas 19 April.
- A joint Port Hills Fire Natural Environment Recovery working group has been convened using expertise/resources from Christchurch City and Selwyn councils, Environment Canterbury and other to develop a plan ready for implementation. Draft plan out for comment
<https://ccc.govt.nz/assets/Uploads/Port-Hills-Fire-Recovery-Discussion-Document-April-2017.pdf>
- CCC applied to government's Freshwater Improvement Fund for assistance with fire recovery work.

Next steps

- Fire recovery will be a continues to be the focus
- Heathcote River community meeting 16 May 7pm Cashmere Club

Groundwater /Drylands Working Group – Chris Kelliher

What are we trying to achieve in 2 years (2018)?

- Know how much water is available for use.
- Understand the landownership pattern within the protection zone.
- Understand the threats to Christchurch's groundwater system.
- Identify how we can protect this resource for future generations.

What have we done since we last met?

- Ground "truthed" the land use map, developing a nutrient catchment load, identifying hot spots and working pragmatically with council staff to manage these, working with Environment Canterbury land managers on Overseer budgets.
- UoC/ECan are supervising a student over 2016/17 summer to investigate and map springs and drying reaches of streams.

Next steps?

- Given what we've found out about the nutrient load of current land uses in the groundwater protection zone – approaching the point where we can identify the greatest risks and focus attention on these.

Communication and Engagement – Arapata Reuben

What are we trying to achieve in the next 5 years (2020)?

- Raise awareness
 - State of the waterways, their values and issues
 - Actions individuals and groups can take
 - Individual and groups doing good stuff
- Inspire action

What have we done since we last met?

- CCC/ECan working together on fire recovery stories
 - Update committee website with table of plant species with their fire rating
 - Permitted activities

Next steps

- Mother of all Clean-Ups 13 May 2017
- Report to Christchurch City Council (25 May) and Environment Canterbury (15 June 2017)

Biodiversity – Immediate Steps Funding – Lance Kenyon

What are we trying to achieve in the next 5 years (2020)?

- Increase indigenous species diversity, abundance and improved ecological health by providing funding to individuals, landowners and community groups.
- Raise awareness of biodiversity and ecological values of the Christchurch West Melton zone

What have we done since we last met?

- Seven applications received – recommend funding 4 projects

Next steps

- Amended the process to assess potential Port Hills fire recovery projects to ensure it is as efficient and as effective as it can be.

Regional Committee – Lance Kenyon

The Regional Committee met on 11 April 2017. Topics discussed included:

- Updates from Zone Committees (Hurunui-Waiaru, Selwyn Waihora, Christchurch West Melton and Lower Waitaki)
- Various working group update highlights include:
 - Biodiversity – continue funding Te Waihora and Wainono regional projects

- Infrastructure – groundwater takes are being given up as more reliable water from Central Plains Irrigation company becomes available, working on a proposal to augment the Selwyn River when needed
- Braided Rivers – working with LINZ to get more precise information on ownership
- Communication and education – targeting the younger generation also newly retired often have time to help
- Recreation and amenity – looking to ZCs to help identify best loved/most used sites
- Implementation of Nutrient Limits - Good Management Practice, nutrient budgets, consents to farm etc
- CWMS latest Targets report due end of June 2017.

Liaison with community groups – Suzanne Furkert (supported by Shelley Washington)

What are we trying to achieve in 5 years (2020)?

- Ensure we complement and build on each other's work to improve the health of Christchurch's water resources.

Next Steps

- Review where we should focus our effort for greatest effect
 - Community Boards, network groups and other community groups and schools.

Attachments

There are no attachments to this report.

13. Facilitator's Update - April 2017

Reference: 17/400178

Contact: Lesley Woudberg lesley.woudberg@ecan.govt.nz

027 706 4273

1. Purpose of Report

- 1.1 This report is to inform the Zone Committee of upcoming events.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the information in the Facilitator's report.
2. Notes the upcoming events.

3. Report

Event	Audience	Comment
Environment Aotearoa Freshwater update MFE April 2017 (TBC)	NZ General	
Mother of all Clean Ups 13 May 2017	Community	Last year 1300 people got out along the river collecting litter
Heathcote River Community Meeting - CCC 16 May 2017 at 7pm Cashmere Club	Community	Refer to attachment
Christchurch West Melton Zone Committee report to CCC	CCC Councillors	Every 2 nd month report to full Council
Christchurch West Melton Zone Committee 2016 Annual Report to ECan Council 12 June 2017	ECan Councillors	Present CWM ZC 2016 Annual Report to ECan council

Attachments

No.	Title	Page
A ↓	Heathcote River Public Meeting - Memo to Community Boards	39

**Christchurch City Council
Engagement Team
Public Information and Participation Unit**

Memorandum

Date: 13 April 2017
From: Peter Christensen, Surface Water Engineer
To: Linwood-Central-Heathcote Community Board
Linwood-Central-Heathcote Community Governance Manager
Linwood-Central-Heathcote Community Board Adviser
Spreydon-Cashmere Community Board
Spreydon-Cashmere Community Governance Manager
Spreydon-Cashmere Community Board Adviser
Land Drainage Working Group

Heathcote River Community Meeting

In order to provide an update to those along the Heathcote River on land drainage issues, a community meeting is being organised for Tuesday 16th May, 7pm start, at the Cashmere Club. The purpose of the meeting is to ensure that residents and interest groups are kept informed of land drainage matters and have an opportunity to ask any questions that they may have. A similar meeting was held in May 2016 and was a useful forum to discuss these issues.

It is proposed to cover the following topics at the meeting:

- **Floodplain management**
 - Update on studies underway, and in particular involvement that will be sought from the community as options are considered
 - Upper Heathcote storage projects completed and underway
- **Maintenance and repairs**
 - General maintenance issues
 - Bank cutting trial
 - Bank stabilisation works

At the end of each section it is proposed to have a Q&A time.

The meeting invite will be distributed to all properties along the Heathcote River between Ferry Road and Princess Margaret Hospital on Cashmere Road. The invite will also be distributed to key stakeholders associated with the Heathcote River.

We would welcome any feedback on other topics that could be covered.

Kind regards

**Peter Christensen
Surface Water Engineer
Land Drainage Recovery Programme**