

ASHBURTON WATER MANAGEMENT ZONE COMMITTEE AGENDA

A **Meeting** of the Ashburton Water Management Zone Committee will be held as follows:

DATE: Tuesday 22 October 2024

TIME: 1.00 pm

VENUE: Council Chamber, Te Whare Whakaterere
2 Baring Square East, Ashburton

MEETING CALLED BY: Hamish Riach, Chief Executive, Ashburton District Council
Stefanie Rixecker, Chief Executive, Environment Canterbury

ATTENDEES: Chris Allen
Adi Avnit
Clare Buchanan
Angela Cushnie
Bill Thomas
Sidinei Teixeira
TBC (Te Runanga o Arowhenua)
Arapata Reuben (Te Ngai Tuahuriri Runanga)
Jess Hobbs (Te Taumutu Runanga)
TBC (Tangata Whenua Facilitator)
Councillor Richard Wilson (Ashburton District Council)
Councillor Ian Mackenzie (Environment Canterbury)
Mayor Neil Brown (Ashburton District Council)

Zone Facilitator

Jaimee Grant
Tel: 027 220 2694

jaimie.grant@ecan.govt.nz

Environment Canterbury

Committee Advisor

Carol McAtamney
Tel: 307 9645

carol.mcatamney@adc.govt.nz

Ashburton District Council

Tangata Whenua Facilitator

TBC

Environment Canterbury

Ashburton Zone Committee Meeting

Tuesday 22 October 2024

Meeting Commences: 1.00pm

Order of Business

- 1 Welcome, Karakia
- 2 Apologies
-
- 3 Extraordinary Business
- 4 Register of Interest 4
- 5 Confirmation of Minutes 5
- 6 Correspondence
 - Inward
 - o Nil
 - Outward
 - o Nil
- 7 Public Contributions
- 8 Public Forum
- 9 Zone Committee Action Plan - funding presentations 8
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- 11 Zone Committee Updates 24
- 12 Other business
- 13 Close Meeting and Karakia

4 Register of Interests

Chris Allen	Farm owner of sheep, beef, lambs, crop Water resource consents to take water from tributary of Ashburton River and shallow wells Member of Ashburton River Liaison Group
Adi Avnit	Mid Canterbury Community Vehicle Trust - Treasurer
Clare Buchanan	Head of Environment & Innovation at Align Farm Align Farms holds an irrigation resource consent to take water from shallow wells hydraulically linked to the Ashburton river Align Farms holds MHV water and Fonterra Shares Align Farms suffered significant flood damage on their support block
Neil Brown	Mayor Acton Irrigation Limited - Director Irrigo Centre Limited - Director Acton Farmers Irrigation Co-operative Limited - Director Browns Farm Limited – Director and Shareholder
Angela Cushnie	Kanuka Mid Canterbury Regeneration Trust - Trustee Hinds Reserve Board Committee member Mid Canterbury Catchment Collective – Coordinator Secretary for Hekeao Hinds Lowlands Catchment Group
Jess Hobbs	
Ian MacKenzie	Environment Canterbury Councillor
Arapata Reuben	Trustee – Tuhono Trust Trustee – Mana Waitaha Charitable Trust Member - National Kiwi Recovery Group Rūnanga Rep – Christchurch – West Melton Water Zone Committee
Bill Thomas	Farm owner of Longbeach Estate Ltd (sheep, beef, lambs, arable, dairy) Member of Eiffelton Irrigation Scheme Hekeao/Hinds Water Enhancement Trust – Settler Director of Longbeach Estate & Longbeach Dairies
Sidinei Teixeira	Masters student at Lincoln University studying a Master’s in Water Resource Management Former Head of Science at Mt Hutt College and Chemistry teacher at Christ’s College Recipient of the Callaghan Innovation fund to conduct research on the impacts of the May/June 2021 rainfall event through MHV Water Passionate about the sustainable use of natural resources
Richard Wilson	Ashburton District Councillor Dairy Farmer at Hinds Shareholder in MHV Irrigation

5 Confirmation of Minutes

Unconfirmed Minutes

Minutes of a meeting of the **Ashburton Water Management Zone Committee** held on Tuesday 24 September 2024, commencing at 1.00pm in the Council Chamber, Te Whare Whakaterere, 2 Baring Square East, Ashburton.

Present

Mayor Neil Brown, Councillor Richard Wilson, Councillor Ian Mackenzie, Adi Avnit, Chris Allen, Clare Buchanan, Angela Cushnie and Bill Thomas (Chair).

Non attendance

Arapata Reuben, Jess Hobbs

In attendance

Environment Canterbury: Jaimee Grant (Facilitator – via MS Teams), Dave Moore (Facilitator) and Ashburton District Council: Carol McAtamney (minutes)

Department of Conservation: John Benn

5 members of the public in attendance.

1 Welcome

Dave Moore opened the meeting with a Karakia.

2 Apologies

That apologies for absence be received on behalf of Sidinei Teixeira

Thomas/Wilson

Carried

3 Extraordinary Business

Nil.

4 Register of Interests

Nil.

5 Confirmation of Minutes

That the minutes of the Ashburton Water Management Zone Committee meeting held on 27 August 2024, be taken as read and confirmed.

Thomas/Allen

Carried

Matters Arising

Nil.

6 Correspondence

Inward:

Environment Canterbury – Balmacaan Stream Diversion to Lake Camp/Ōtautari

Environment Canterbury – Investigation options for ecosystem resilience for Greenstreet Creek

Outward:

Nil.

7 Public Contributions

Nil.

8 Whitcombe Landcare Group

Paul Ensor (Chair) and Megan Fitzgerald (Facilitator)

Presented and gave an update on the work that the Whitcombe Landcare Group has been undertaking, and their goals for the future.

Update on:

- Group's catchment area and resources
- Achievements of the group to date
- Challenges, opportunities, and threats
- Future aspirations of the group

Resolved:

That the Ashburton Water Zone Committee receives the update from the Whitcombe Landcare Group.

Thomas/Allen

Carried

9 Greenstreet Creek Update

Judith Earl-Goulet – General Manager, Catchment Implementation and Marcelo Wibmer – Team Leader, Water and Land

Provided an update on how Environment Canterbury will approach water scarcity management on Greenstreet going forward.

The Zone Committee expressed concerns in regard to the way Environment Canterbury had not taken the opportunities to consult directly with the community. Environment Canterbury acknowledged that they could have done better.

Members questioned what the negative effects were on the environment following the enacting of the emergency powers last year.

Resolved:

That the Ashburton Water Zone Committee receives the update on Greenstreet

Thomas/Cushnie

Carried

10 Zone Committee Updates

Staveley Camp Committee – Community Possum Trap Library project

A progress report from the Staveley Camp Committee for their Community Possum Trap Library which received funding last financial year was tabled for members information.

Resolved:

That the Ashburton Water Zone Committee receives the Staveley Camp Committee report

Thomas/Cushnie

Carried

CWMS Committee Review – September Update

- Information gathering completed
- Key next step: working group of Mayors, Runanga Chairs and Environment Canterbury Chair and Deputy.
 - o Workshops to be held in October on (i) principles and functions for community engagement and (ii) models to achieve these in practice
 - o Canterbury Mayoral forum nominated four members: Craig Mackle (Kaikoura), Nigel Bowen (Timaru), Marie Black (Hurunui) and Phil Mauger (Christchurch)
 - o Te Rōpū Tuia agreed to nominate similar number of Rūnanga Chairs

- Webinar for Zone Committee Chairs and Deputies presenting preliminary findings to be held mid to late October.
- Final report to Mayoral Forum in late-November

A request is to be made for a Zone Committee representative to be included on the working group.

Resolved:

That the Ashburton Water Zone committee

- 1) receives the committee updates.
- 2) defers the request from the Methven Lions Club Garden of Harmony project to repurpose the funding allocation of \$7,306 from plant purchasing to assist with costs associated to the establishment of a Landscape Concept plan.
 - a. An approach is to be made to the Methven Community Board to see if they have funding available to assist with the establishment of a Landscape Concept plan

Allen/Thomas

Carried

Plan Change 8

The Chair to talk to Andre Parish from Environment Canterbury to request that a representative from the Zone Committee be included on the vision group.

11 Other Business

Nil.

Next meeting

The next meeting of the Ashburton Water Zone Committee will be held in the Ashburton District Council Chamber Hine Paaka at 1:00pm on Tuesday 22 October 2024.

The meeting closed at 3.12pm with a Karakia by Dave Moore.

Dated this 22nd day of October 2024 _____ (Chair)

HUI/MEETING: Ashburton Zone Committee	
AGENDA ITEM NO: 9	KAUPAPA/SUBJECT: Zone Committee Action Plan Funding Presentations
KAITUHI/AUTHOR: Dave Moore, Facilitator	WĀ/MEETING DATE: 22 October 2024

Purpose

For the Zone Committee to receive presentations from applicants for Ashburton Water Zone Committee Action Plan Budget for FY2024/25.

Recommendation

That the Zone Committee:

1. **Receives** the applicants' presentations

Introduction

As part of their Long-Term Plan 2021-2031, Environment Canterbury established the Zone Committee Action Plan (ZCAP) Budget. The purpose of the budget is to allow Zone Committees to focus on implementing their Action Plan and leverage other funding opportunities to achieve the CWMS priorities. This financial year, an allocation of \$50,000 for ZCAP Budgets for each CWMS water zone was confirmed.

Presentations

Applicant's will, will present a five-minute summary of their projects and take questions from the committee. Summaries of the applications can be found in Agenda Item 10.

Applications

Appn:	Project name	Applicant	Presenter	Funding requested
1	Pest and Predator Control Program	Ashburton Forks Catchment Group	Will Wright	8,480.51
2	Chalmers Ave – Trevor's Rd River Development	Hakaterere Rākau Group	Ross Hawthorne – apology. Facilitator will read an update	13,045.39
3	Awa Awa Rata Reserve and Pudding Hill Reserve Predator Management	Mike Prince	Mike Prince	5,589.70
4	Pudding Hill Stream Weed Control (Phase 2)	Ashburton District Biodiversity Advisory Group	Dr Christian Chukwuka / Donna Field	7,370.00
5	HHWET Native Plant Maintenance 2024	Hekeao Hinds Water Enhancement Trust	Brett Painter	8,000
6	Cloud8 Planting	MHV Water Ltd & Cloud8 Dairy Ltd	Mel Brooks	249,855

HUI/MEETING: Ashburton Zone Committee	
AGENDA ITEM NO: 10	KAUPAPA/SUBJECT: Zone Committee Action Plan Budget – Funding considerations
KAITUHI/AUTHOR: Dave Moore, Facilitator	WĀ/MEETING DATE: 22 October 2024

Purpose

For the Zone Committee to consider applications received for funding using their Zone Committee Action Plan Budget for FY2024/25.

Recommendation

That the Zone Committee:

1. **Receives** the applications; and
2. For each application, confirms whether it:
 - a. **Supports** the project being recommended for x amount of funding using the Ashburton Zone Committee Action Plan Budget for FY2023/34, or
 - b. **Does not support** the project being recommended for funding using the Ashburton Zone Committee Action Plan Budget for FY2023/34, or
 - c. **Requests further information** on the project before making a decision.

Introduction

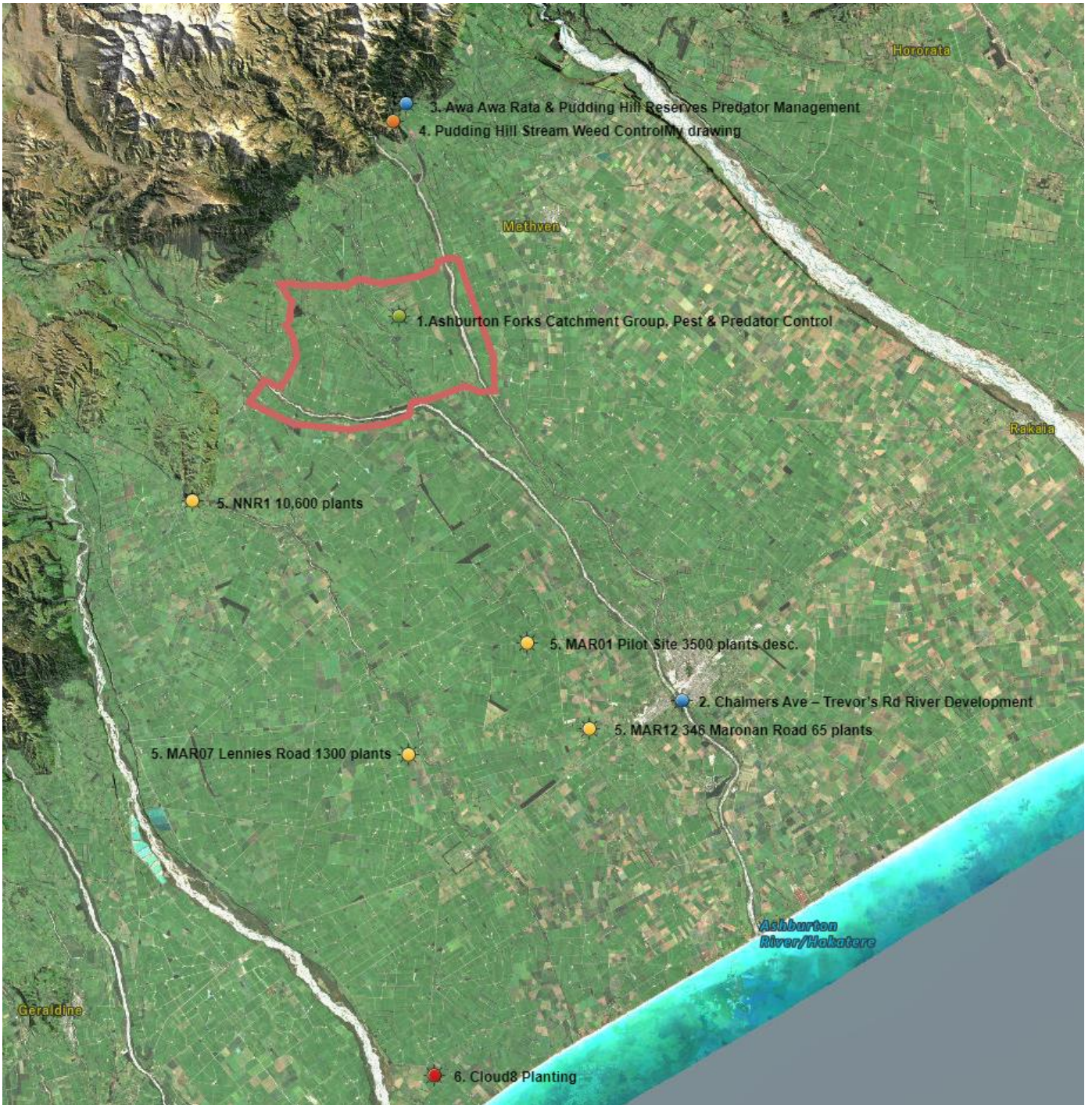
As part of their Long-Term Plan 2021-2031, Environment Canterbury established the Zone Committee Action Plan (ZCAP) Budget. The purpose of the budget is to allow Zone Committees to focus on implementing their Action Plan and leverage other funding opportunities to achieve the CWMS priorities. This financial year, an allocation of **\$50,000** for ZCAP Budgets for each CWMS water zone was confirmed.

To date, the Committee have not recommended any funding for the 2024-25 financial year which means **\$50,000 (excl. GST)** of the ZCAP Budget is available to be allocated.

Applications

Applications have been received from the following parties and summaries of the projects have been provided. Copies of the applications were sent to the Zone Committee prior to this meeting.

Appn:	Project name	Applicant	Funding requested
1	Pest and Predator Control Program	Ashburton Forks Catchment Group	8,480.51
2	Chalmers Ave – Trevor’s Rd River Development	Hakatere Rākau Group (Ross Hawthorne)	13,045.39
3	Awa Awa Rata Reserve and Pudding Hill Reserve Predator Management	Mike Prince	5,589.70
4	Pudding Hill Stream Weed Control (Phase 2)	Ashburton District Biodiversity Advisory Group c/o Dr Christian Chukwuka/Donna Field	7,370.00
5	HHWET Native Plant Maintenance 2024	Hekeao Hinds Water Enhancement Trust	8,000
6	Cloud8 Planting	MHV Water Ltd & Cloud8 Dairy Ltd	249,855



Map 1: Locations of the 6 funding projects

Application 001: Ashburton Forks Catchment Group Pest and Predator Control Program

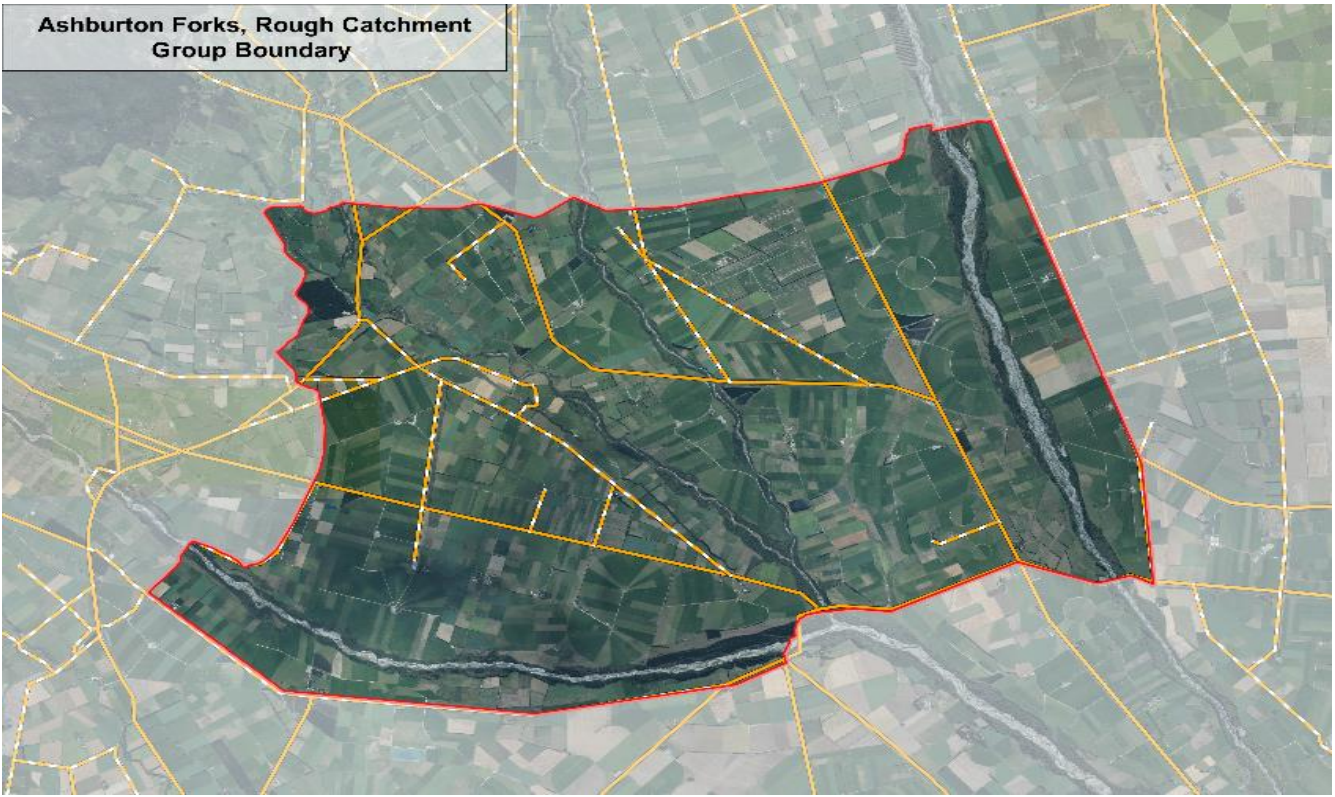
Applicant	Ashburton Forks Catchment Group (operating under the Mid Canterbury Catchment Collective)
Funds requested	\$8,480.51
Project summary	<p>The Ashburton Forks Catchment Group recognizes that pests and predators can quickly repopulate areas, making a coordinated approach essential for effective control. Over the past nine months, the group has removed 1473 hares, 856 possums, and 27 feral cats. The group have been testing and have had positive feedback on the use of five which AT220 traps which reduce the need for frequent trap checks and could improve pest management efforts.</p> <p>The group would like to purchase additional AT220 traps and it is hoped that these traps, coupled with the shooting and other pest and predator management that is already happening will move the group closer to their goal of improving biodiversity in the Forks. More traps will engage members, allow information on the area to be collected, and help the project gain momentum building on the previous work of the group and others in the area.</p>
Action Plan alignment	<p>We will focus on several waterbodies: Hakatere/Ashburton River and its tributaries (including Carters Creek and Wakanui hāpua).</p> <p>We will work towards improving ecosystem health and meeting biodiversity targets by: Facilitating a collaborative process to agree and support priority projects within the Hakatere/Ashburton River catchment. Examples of existing projects include the Hakatere river mouth enhancement, Ashburton consent review and biodiversity corridor Ki Uta Ki Tai. <i>Located close to the native bush-clad foothills, the group has identified that predator and pest management improves the connection between the Forks and native bird populations in the foothills.</i></p>
How funding will be used	Purchasing 15 x AT220 Traps.
In-kind contributions and project partners	<p>Group members have undertaken significant work in the pest and predator control space. This can be seen in the number of animals removed from the Forks in the last 12 months.</p> <p>MCCC funds Will Wright's time as a facilitator.</p> <p>The Mayfield Lions funded 4* A220 Auto Traps</p> <p>Carrfields funded 1* A220 Auto Trap</p>
Community engagement	<p>There are 32 farmers in the catchment. All farmers have been contacted and are kept up to speed where the group is at. Of the 32 farmers in the catchment, 20 are members of the group.</p> <p>MCCC will help the group communicate its activities, which may include Facebook, newspapers, and other media.</p> <p>Working with Tim Exton from DOC along with Methven Lions, Staveley Camp Committee Community Trap Library and Mt Alford Landcare Group who all have their own trapping programmes.</p>

Mahinga kai considerations

(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)

No specific mahinga kai considerations, however, reducing predator numbers will have positive mahinga kai outcomes by increasing indigenous species populations and improving water quality in the Hakatere/Ashburton River.

Ashburton Forks, Rough Catchment Group Boundary



Application 2: Chalmers Ave – Trevor’s Rd River Development

Applicant	Hakatere Rākau Group (Ross Hawthorne)
Funds requested	\$13,045.39
Project summary	<p>Building on previous work, this project is focussed on further weed clearance alongside the river and more native planting in the area. Thousands of native seedlings have been planted to establish a flourishing native forest, enhancing the area alongside the Ashburton/Hakatere river. Seedlings include broadleaf, totara, coprosma, cabbage tree, flaxes, pittosporum, kōwhai, hebes, lancewoods and ribbonwoods. 4,700 native plants have been planted so far (not including the carex and tussocks.). A further 1690 native plants will be planted in this round of the project.</p> <p>The goal is to increase biodiversity alongside the river and see the seedlings and surrounding trees thriving, attracting native species such as kereru, tui and bellbirds, alongside the many fantails already in the area. It will add recreational value and will be something that future generations will be able to enjoy.</p> <p>The Zone Committee recommended, and ECan approved, \$5,000 of funding to this project last financial year.</p>
Action Plan alignment	<p>We will focus on several waterbodies:</p> <ul style="list-style-type: none"> • Hakatere/Ashburton River and its tributaries (including Carters Creek and Wakanui hāpua).
How funding will be used	<ol style="list-style-type: none"> 1. Purchase of plants, plant guards, bamboo sticks and fertiliser tabs. 2. Engaging a contractor to poison Silver Poplars and to spray ivy.
In-kind contribution and project partners	<p>Funding over the past 2½ years has come from the Ashburton Water Zone Committee (\$5,000), Ashburton District Council (\$1,500 and \$1,000) and \$1,600 of my own money.</p> <p>Three picnic tables and two bench seats have been installed, enhancing the trail for its many walkers and cyclists. ANZCO donated one of the picnic tables, and plant guards.</p> <p>Seven volunteers including Project Lead support the project. The Project Lead has been putting in on average 10 hours a week. The other 6 volunteers are averaging 9 hrs a week.</p> <p>Longbeach School, Environment Committee Ashburton College, and Boy’s Brigade also assist with planting and weeding.</p> <p>Donations of plants for this project have come from individuals and organisations, including the District Council and Trees for Canterbury.</p>
Community engagement	<p>Seven volunteers support the project along with Longbeach School, Environment Committee Ashburton College, and Boy’s Brigade.</p> <p>When it comes to planting time I will advertise it and there may be more volunteers come forward. The people are told they are welcome to join us.</p>
Mahinga kai considerations	<p><i>Project increases biodiversity with the end goals of increasing habitat allowing the return of native birds including kererū, tūī, etc.</i></p>

(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)

Project area



Other:

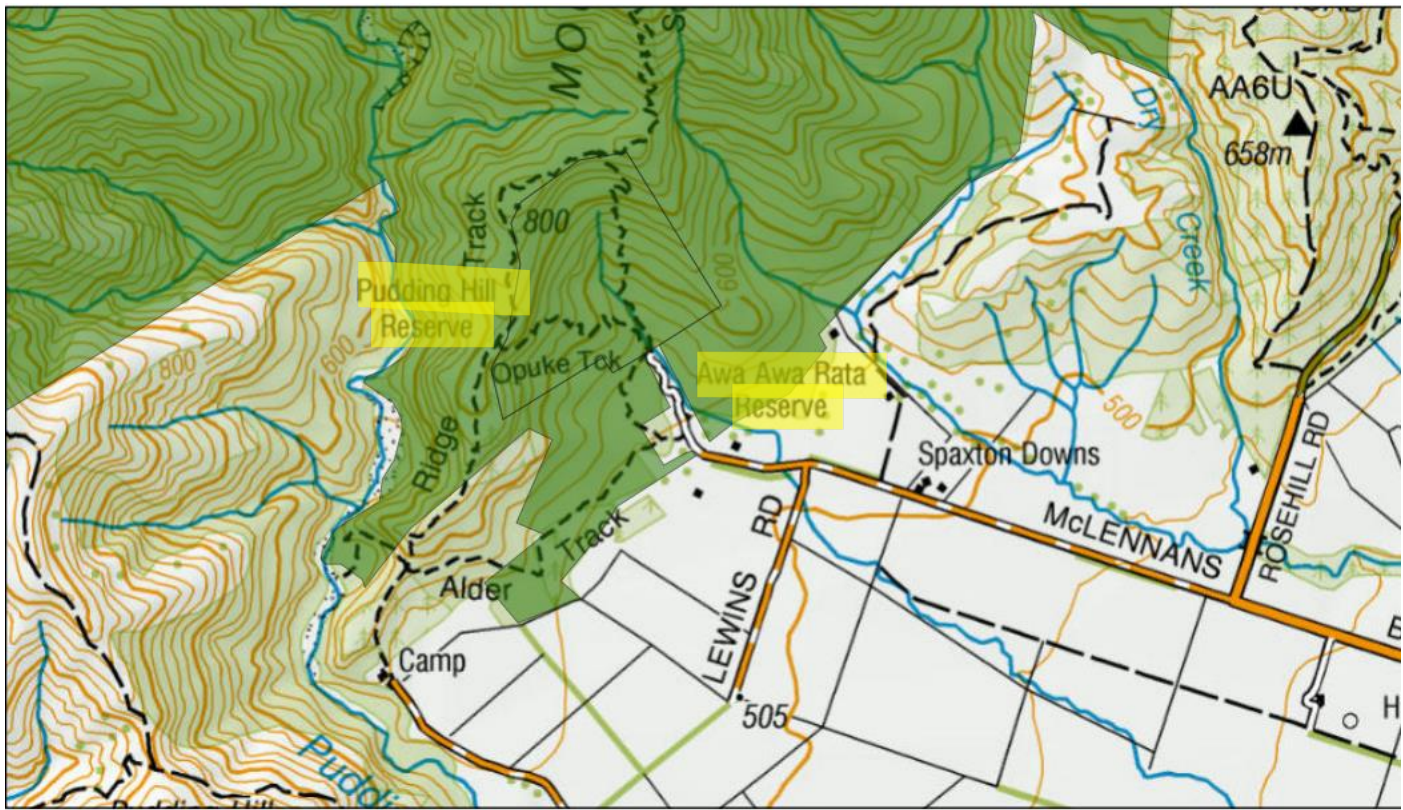
Article on Ross's work, 'Ross transforming river trail'.

<https://www.ashburtoncourier.co.nz/news/ross-transforming-river-trail/>

Application 3: Awa Awa Rata Reserve and Pudding Hill Reserve Predator Management

Applicant	Mike Prince
Funds requested	\$5589.70
Project summary	<p>This project aims to protect the indigenous wildlife, and their habitat, in and around the forests and waterways of Awa Awa Rata Reserve and Pudding Hill Reserve including the forests bordering Pudding Hill Stream by expanding the predator trapping network. Indigenous species include bellbirds, fantails, warblers, waxeyes, falcons and rifleman.</p> <p>Over the last 2 and a half years 417 predators have been trapped, with 250 caught in the last 12 months. Species caught include possums, stoats, hedgehogs, rats and mice.</p> <p>Protecting local birdlife at Awa Awa will aid the Methven Birdsong Initiative (MBI) by securing a sanctuary for the birds to disperse from. The MBI is a plan to “bring the indigenous birdsong back to Methven” by planting indigenous trees for food and eliminating predators. (Note, Zone Committee put funding to the MBI for it’s Garden of Harmony project).</p> <p>Many people visit these reserves for fitness and enjoyment and will enjoy the increase in wildlife.</p>
Action Plan alignment	<p>We will work towards improving ecosystem health and meeting biodiversity targets by: “Facilitating a collaborative process to agree and support priority projects within the Hakatere/Ashburton River catchment.”</p> <p>The area covered forms part of the catchment of Pudding Hill Stream which feeds into the North Ashburton River, a priority waterway for the Committee. Possums predate on invertebrates, eggs and chicks and consume vast amounts of vegetation and are also known to kill whole trees. The instability to an ecosystem can result in thinner forests, more windfall and more erosion. Silt from erosion has a detrimental effect on wildlife in waterways and a loss of vegetation.</p>
How funding will be used	<p>The funding will be used to purchase traps, lures and accessories to expand and maintain trapping coverage:</p> <ul style="list-style-type: none"> • new Flipping Timmy possum traps • new Goodnature gas traps • tracking tunnels. • new rat traps to replace broken ones.
In-kind contributions and project partners	<p>The applicant has put quite a bit of his own money into this project and has been working with Dr Christian Chukwuka at Ashburton District Council and Tim Exton at Department of Conservation Geraldine.</p> <p>40 trap boxes were made by Year 10 students at Mount Hutt College and one of these students regularly checks the traplines.</p> <p>Three young families and eight individuals form the weekly volunteer trap clearing crew.</p> <p>Methven is a small town and word gets around quite quickly about the activity and success of our project.</p>
Community engagement	<p>There is a lot of community support for this project. The number of people involved has grown from one at the start of 2024 to 11 with others interested.</p>

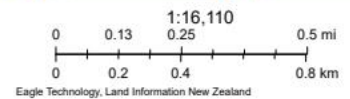
	<p>An article was recently published (15th August) describing the project with contact details for anyone interested in donating or volunteering to help. Within five days it brought in five new volunteers.</p> <p>A sign at Awa Awa Rata Reserve advertises our activity and the traps are easily viewed by the public along the tracks.</p> <p>Discussions occur with other conservation-minded groups to compare notes and strategies.</p> <p>Community members are volunteering to help with distributing and checking traps.</p>
<p>Mahinga kai considerations <i>(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)</i></p>	<p><i>No specific mahinga kai considerations, however, reducing predator numbers will have positive mahinga kai outcomes by increasing indigenous species populations and improving water quality in Pudding Hill Stream and, consequently, the Hakatere/Ashburton River.</i></p>



8/29/2024

Public conservation areas

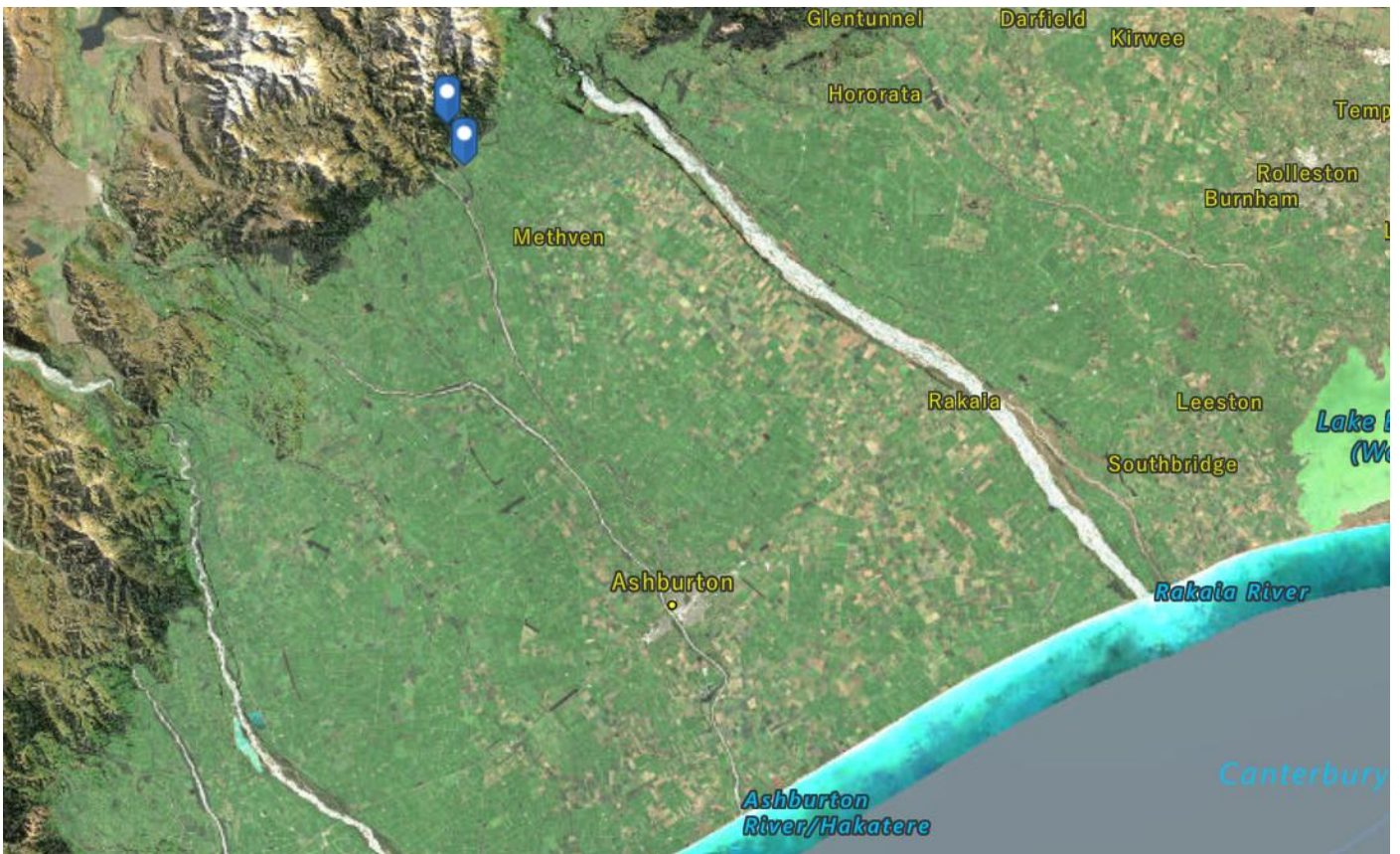
Public Conservation Land



Application 4: Pudding Hill Stream Weed Control (Phase 2)

Applicant	Ashburton District Biodiversity Advisory Group c/o Dr Christian Chukwuka/Donna Field
Funds requested	\$7,370.00
Project summary	<p>Pudding Hill Stream, a tributary of the Ashburton rivers, flows through a forested area with matai, podocarp, and beech trees, though the ecosystem faces weed encroachment and occasional landslides. Weed species identified include willows, sycamore trees, larches, Himalayan honeysuckle, monkey musk, Cotoneaster and wilding conifers.</p> <p>In 2022, we identified vigorously growing weed trees along the river berms and at the high banks adjoining the river. To protect this pristine environment and prevent further weed dispersal into the native forest and regenerating scrub areas. The Committee recommended \$8,000 go towards completing parts of the weed control project.</p> <p>More weeds remain to be removed in the upper part of the high banks and stream. Funding is being requested to continue the weed control work in the upper banks.</p>
Action Plan alignment	<p>Focus area of Ashburton River as Pudding Hill stream is a tributary of North Ashburton:</p> <ul style="list-style-type: none"> • Protecting what we have is an important part of managing ecosystems as a whole for Mahinga Kai • Will enhance the biodiversity corridor Ki Uta Ki Tai and protect downstream from weed invasion <p>We will work towards improving ecosystem health and meeting biodiversity targets by: Facilitating a collaborative process to agree and support priority projects within the Hakatere / Ashburton River catchment... including a biodiversity corridor Ki Uta Ki tai.</p>
How funding will be used	The funding will go towards chemical purchase and contractor's hourly payment which will allow the continuation of the weed work that stopped in March 2024 and will be undertaken around Oct 2024 or by March/April 2025.
In-kind contributions and project partners	ADC and ECan will provide in-kind staff time for the project administration, including field evaluation.
Community engagement	The project was initiated by the Ashburton District Biodiversity Advisory Group which comprises about 13 community stakeholders around the district
Mahinga kai considerations <i>(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)</i>	<i>No that's protecting what we have is an important part of managing ecosystems as a whole for mahinga kai.</i>

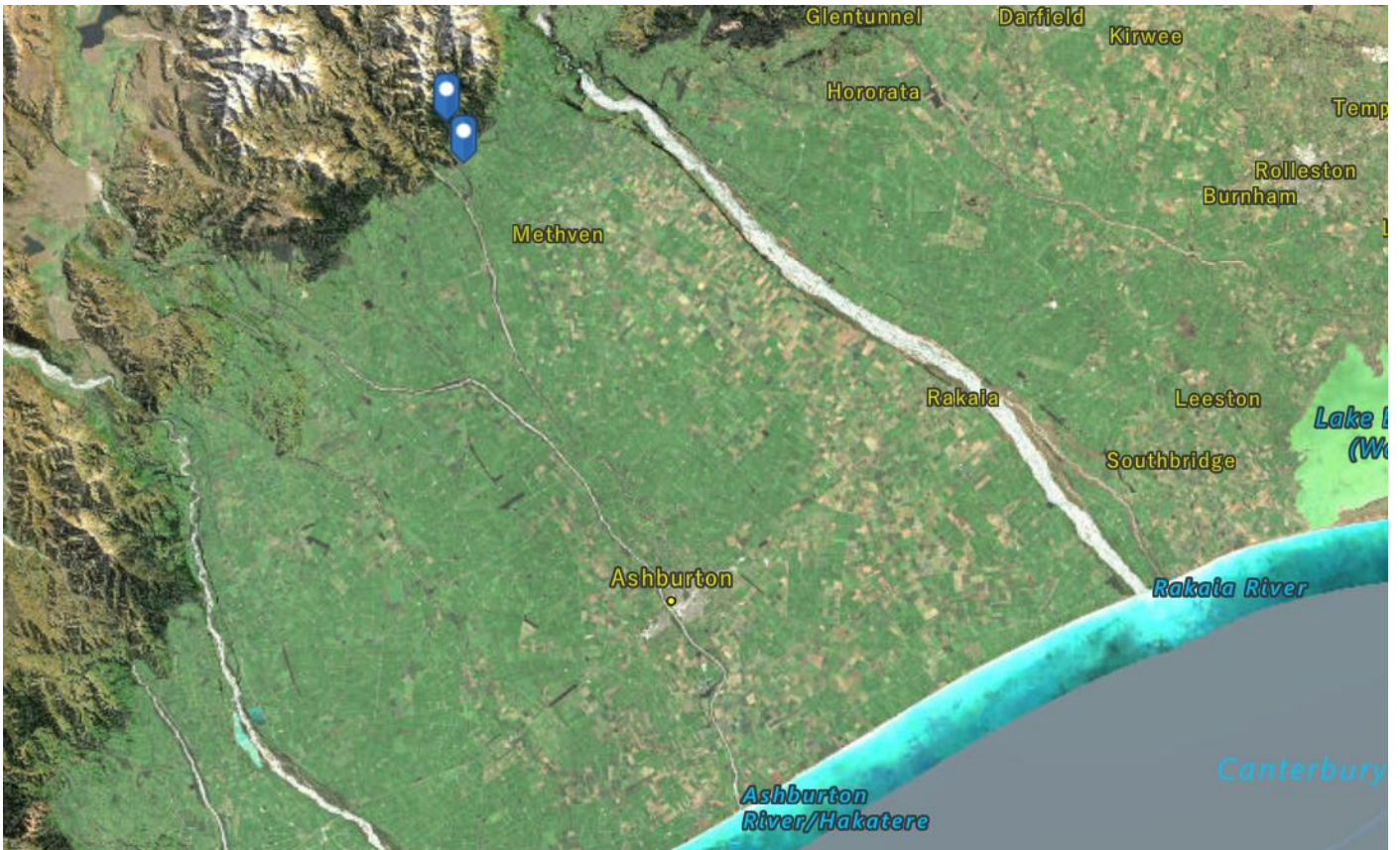
General project area:



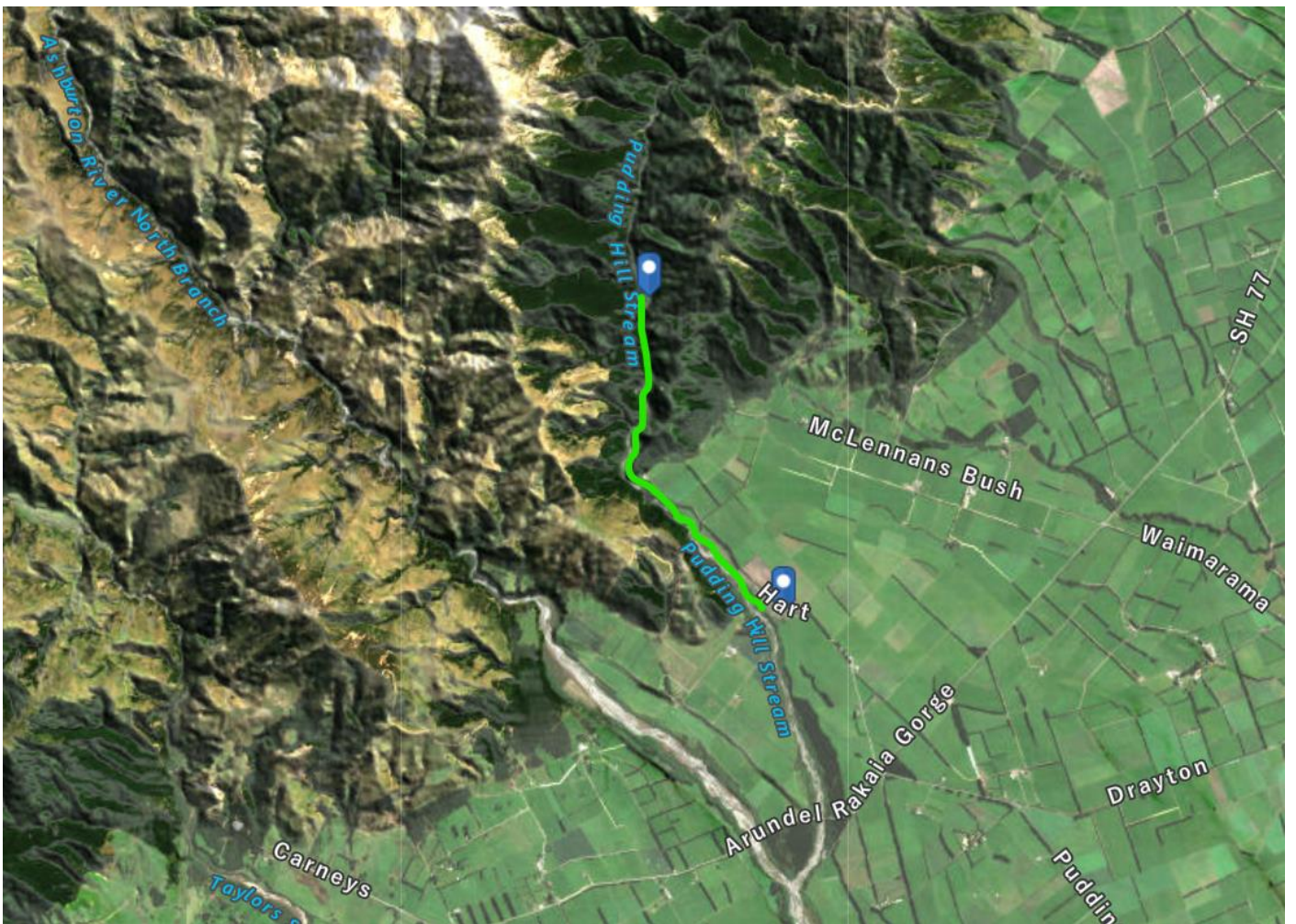
Stream section where works will be undertaken:

Application 5: HHWET Native Plant Maintenance 2024

Applicant	Hekeao Hinds Water Enhancement Trust c/o Dr Brett Painter
Funds requested	\$8,000
Project summary	<p>Biodiversity planting in support of the Hekeao/Hinds biodiversity vision is being undertaken at key Near River Recharge (NRR) and Managed Aquifer Recharge (MAR) sites. To-date, approximately 11,000 native plants are still requiring maintenance at or near NRR1 (South Hinds), 3500 at MAR01, 65 at MAR12 (Maronan Ealing Rd) and 1300 at MAR17 (Lennies Rd). Additional early plantings at NRR1 have successfully completed their maintenance period. Professional maintenance is critical for plant survival, with Brailsfords exceeding their 95% plant survival guarantee at these sites.</p> <p>The survival of these plants will enhance biodiversity in the Hekeao/Hinds area by creating resilient native food sources for birds, boosting biodiversity in surrounding regions, and serving as a seed source for future plantings of successful native trees.</p>
Action Plan alignment	<p>We will focus on several waterbodies:</p> <ul style="list-style-type: none"> • Hekeao/Hinds catchment. <p>We will work towards improving ecosystem health and meeting biodiversity targets by:</p> <ul style="list-style-type: none"> • Working with partners and the community to review progress with the Hinds Drains Working Party recommendations and help facilitate the development of the Hekeao/Hinds biodiversity vision and providing ongoing support for agreed actions.
How funding will be used	Funding will go towards maintaining up to 15,500 plants at four NRR and MAR sites which will be undertaken by Brailsfords who have over 46 years of planting experience.
In-kind contributions and project partners	HHWET are funded by a targeted rate to Hekeao/Hinds Plains landowners and HHWET Trustees represent all key community stakeholders. Significant project sites are opened by mana whenua and local/central government representatives.
Community engagement	Community planting days have contributed to all major planted sites. Schools, community groups and organisations, local and central government representatives have attended hosted site visits. Seed collection for local nurseries is available by arrangement.
Mahinga kai considerations <i>(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)</i>	<i>Application notes: Mana whenua were involved in choosing and blessing the site, and discussions have occurred with mana whenua regarding the collection of seeds from the native plantings for growing at Arowhenua Nursery. Three historic wetlands at the site have been stock excluded, managed for pests (e.g., possums) and planted with native trees. There are no know cultural values associated with the other sites, although MAR17 also supports the Hekeao/Hinds River system.</i>



General project area: 1



Stream section where works will be undertaken

Application 6: Cloud8 Planting

Applicant	MHV Water Ltd and Cloud8 Dairy Ltd
Funds requested	\$249,855
Project summary	<p>The project aims to retire and plant out a known wet area of approximately 5.5 ha on Cloud8 Dairy Farm at Coldstream and plant perennial plants and shrubs to act a biological filter to remove nitrates and other non-point source pollutants such as sediment and phosphorus. The intention is to improve water quality in the Dowding and Harris Drains, as well quantifying the changes in water quality so that learnings and outcomes of the planting can be communicated to the broader community.</p> <p>The project will be integrated into a larger community led research programme co-ordinated by the Hekeao Hinds Science Collaboration Group. The research will focus on the changes in water from tile drains immediately proximal to the retired area as well as changes in soil organic carbon content: total nitrogen ratio (C:N) and associated soil bacterial community composition which to promote the conversion of mineral N to organic forms (i.e. N immobilisation), and reduce nitrogen leaching.</p>
Action Plan alignment	<p>Key themes are of the Action Plan are in bold.</p> <p>Focus on several waterbodies:</p> <p>The programme is based in the lower Hekeao Hinds catchment and focusses on existing water infrastructure to support biodiversity and community good.</p> <p>Enhance mahinga kai values:</p> <p>By worthing collaboratively with and purchasing plants from the Arowhenua Native Nursery, the project intends to ensure mahinga kai is considered in all projects and decisions as well as increasing the community knowledge of mahinga kai.</p> <p>Review progress with the Hinds Drains Working Party recommendations and help facilitate the development of the Hekeao/Hinds biodiversity</p> <p>The programme addresses the following Hinds Drains Working Party recommendations:</p> <p>4.9 Consult with Arowhenua on the drainage work programme</p> <p>4.10 Provide information on healthy habitats for landowners and river Engineers</p> <p>4.11 Improve/care for native species habitat</p> <p>4.15 Undertake a quality and habitat monitoring programme...</p> <p>Improving ecosystem health and meeting biodiversity targets:</p> <p>The project is a community collaboration intended to facilitate the development of the Hekeao/Hinds biodiversity vision and providing ongoing support for agreed actions.</p> <p>The project a restoration project which intends positively impact the biodiversity and mahinga kai values of the area</p>

<p>How funding will be used</p>	<ul style="list-style-type: none"> • Remedial earthworks to facilitate planting • Purchase and planting of plants • Purchase of mulch (linseed straw) and weed spray • Contribution towards the cost and installation of a GW50 optical nitrate probe to be installed on site that would provide real-time monitoring of the water exiting the planted area.
<p>In-kind contribution and project partners</p>	<p>Cloud8 Dairy will act as the PCBU and thus farm project managers. This will include:</p> <ul style="list-style-type: none"> • Financial oversight • Logistics • OHSE for staff on site • Co-ordination of selection & delivery of plants from Arowhenua <p>Volunteers assisting with the initial planting.</p> <p>MHV will co-ordinate and assist Cloud8 with technical input as well as monitoring data management.</p> <p>The HHSCG will provide in kind technical support and monitoring of the project for an initial period of 3 years.</p>
<p>Community engagement</p>	<p>Community engagement will be via</p> <ol style="list-style-type: none"> a) Volunteers assisting with the initial planting b) Engagement with the University of Canterbury via GEOG309 course c) Community shed talks, open farm days etc <p>Additionally, the results, learning and outcomes will be integrated into MHV's PhD Research Programme.</p>
<p>Mahinga kai considerations <i>(Action Plan notes to ensure mahinga kai is considered in all projects and decisions)</i></p>	<p>The project a restoration project which intends to positively impact the biodiversity and mahinga kai values of the area.</p>
<p>Project area</p>	

Estimated Budget:

Stage	what	Quantity	Cost per unit	Estimated cost
1	Plants	4425	\$5.00	\$22,125
	Fencing			\$ 25,000.00
	Mulch			\$ 3,500.00
	Weed spray			\$ 21,000.00
Stage 1 Total				\$47,125
2	Plants	14425	\$5.00	\$72,125
	Mulch			\$ 3,500.00
	Weed spray			\$ 21,000.00
Stage 2 Total				\$72,125
3	Plants	13993	\$5.00	\$69,963
3	GW50 Probe	1	\$17,492.50	\$17,493
	Mulch			\$ 3,500.00
	Weed spray			\$ 21,000.00
Stage 3 Total				\$ 87,455
4	Plants	8630	\$5.00	\$43,150
	Mulch			\$ 3,500.00
	Weed spray			\$ 21,000.00
Stage 1 Total				\$43,150
Total stages 1 - 4				\$249,855

HUI/MEETING: Ashburton Water Management Zone Committee	
AGENDA ITEM NO: 11	KAUPAPA/SUBJECT: Committee Updates
KAITUHI/AUTHOR: Dave Moore - Facilitator	WĀ/MEETING DATE: 22 October 2024

Purpose

To update the Committee on actions from the previous meeting, relevant information, and upcoming engagement opportunities.

Recommendation

The Ashburton Water Management Zone Committee:

1. Receives the updates and provides feedback
2. Confirms its support for a variation to grant agreement 1322-139 between Environment Canterbury and Methven Lions Club for the Garden of Harmony project as follows:
 - a. Re-purpose full amount of the grant go towards costs for a Landscape Concept Plan

Report

1. CWMS Chairs & Deputy Chairs - Zone Committee Review Update

An Online session is planned for Wednesday, 30 October 2024 from 6:00 pm to 7:00 pm to provide the CWMS zone committee chairs and deputy chairs with an update on the zone committee review prior to recommendations being presented to the Mayoral Forum in November.

2. Actions from previous meetings/workshops:

#	Received	Who	What
1.	23/04	J Grant	Provide Wakanui Hāpua information Environment Canterbury and Ashburton District Council have on file to Wakanui. Completed.
2.	23/07	J Grant	Follow up on correspondence regarding Greenstreet Emergency powers. Completed.
3.	23/07	Cr McKenzie	Check if Environment Canterbury has an archivist. Completed.
4.	27/08	J Grant/A Cushnie	Invite Paul Ensor, Chair of Whitecombe Landcare Group to present to the Committee. Completed.
5.	27/08	J Grant	Query to Environment Canterbury – what monitoring and science is it doing at Ōtūwharekai/Ashburton Lakes, in particular for Lake Camp e.g. recordings and monitoring. <i>Environment Canterbury runs several monitoring programmes that monitor water quality in the</i>

			<p>Ōtūwharekai basin to help build a long-term picture of a lake's health – including detecting any changes of concern. These programmes are noted on Environment Canterbury's website - Water quality monitoring in the Ōtūwharekai basin.</p> <p>River flow data is also monitored at the for Lake Camp - River Flow for Lake Camp at South Lake.</p> <p>Completed</p>
6.	27/08	J Grant	<p>Query to ECan - The Ashburton Lyndhurst Irrigation hearing noted that the Hakatere/Ashburton hāpua is degraded. The Committee requests an Environment Canterbury staff member to come and present to the Committee on:</p> <ol style="list-style-type: none"> 1. What factors considered to determine if an area is degraded e.g. ecology, TLI, etc. 2. What reports were used to determine Hakatere/Ashburton hāpua was degraded? (were there any others besides the three sent: NIWA Anecdotal state of river mouth users; Science Summary - hāpua fish survey 2020-21; NIWA report - potential drivers of the decline of hāpua fish populations) <p><i>Underway. Noted that staff are unable to present.</i></p>
7.	24/9	D Moore	<p>Greenstreet Creek</p> <p>Zone Committee Members asked what the negative effects were on the environment following the enacting of the emergency powers last year.</p> <p>Response from Environment Canterbury</p> <p>There was a substantial reduction in flow in O'Shea Creek, which is a recognised refuge creek for native fish. While an ecological assessment was not carried out, reduced flows in a river typically impacts the fish habitat and in-stream fauna. It's also worth noting that the additional water allowed into the channel earlier this year was not very efficient and didn't re-establish flow throughout Greenstreet Creek, as much of the water entered the groundwater system.</p>
8.	24/9	D Moore	<p>Methven Lions Club Garden of Harmony – grant variation request.</p> <p>Methven Lions advise that they are hopeful of other funding for the Landscape Concept Plan and will now continue with the plan to spend the Action Plan funding on plants as agreed.</p> <p>Completed</p>

9.	24/9	D Moore	<p>The Committee requested a Zone Committee representative to be included on the CWMS Zone Committee Review Working Group.</p> <p>Response - The working group is a Mayoral Forum leadership grouping, so does not have Zone Committee representatives, however their interests are represented through nominated Mayors and mana whenua representatives (some of whom are or have been on zone committees). Feedback from zone committee workshops on the review has also been incorporated into the process.</p> <p>There is also potentially a conflict of interest for zone committee members participating in a decision-making forum that determines their future.</p> <p>Depending on the decision made in late November, there may follow-on work, e.g. to determine details about preferred models, in which case zone committee representatives may possibly be asked to participate.</p>
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3. Zone Committee Calendar 2024

26 Nov	<p>Meeting</p> <ul style="list-style-type: none"> • Zone Committee Action Plan Budget recommendations • TBC
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