

AGENDA

Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 5 December 2022

Date Monday, 5 December 2022

Time 1pm

Location Council Chamber, Council Building, King George
Place, Timaru

File Reference 1542557

Orari-Temuka-Opihi-Pareora Water Zone Committee

Notice is hereby given that a meeting of the Orari-Temuka-Opihi-Pareora Water Zone Committee will be held in the Council Chamber, Council Building, King George Place, Timaru, on Monday 5 December 2022, at 1pm.

Orari-Temuka-Opihi-Pareora Water Zone Committee Members

Suzanne Eddington, John Henry, Glen Smith, Tom O'Connor, Bailey Lissington, Bryan Bassett-Smith, Chris Konings, Michelle Pye, Phillipa Guerin and Deon Swiggs

Quorum – no less than 5 members

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- 1 Opening Karakia**
- 2 Apologies**
- 3 Public Forum**
- 4 Identification of Items of Urgent Business**
- 5 Identification of Matters of a Minor Nature**
- 6 Declaration of Conflicts of Interest**
- 7 Chairperson's Report**

8 Reports

8.1 Election of Committee Chair for 2022/3

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

That the OTOP Zone Committee:

1. Choose whether to use system A or B, and
2. Then elect the Chair for 2022/3.

Purpose of Report

Election of:

- Committee Chair

Background

Chair

Each year, the Committee will appoint a Chair from its members by simple majority.

There is no limit on how long a person can be in this position.

As a Committee member the Chair shares the same responsibility as other Committee members.

In addition to this the Chair has the following roles:

- Chair Zone Committee meetings with all the commonly recognised authority of that position. The Chair may have the Zone Facilitator facilitate meetings and workshops of the Committee.
- Speak on behalf of the Committee and act as an advocate for it, including taking primary responsibility for interaction with the media and representing the Committee at meetings with external parties.

Deputy

Chair

Each year, the Committee will appoint a Deputy Chair from its members by simple majority.

There is no limit on how long a person can be in this position.

The Deputy Chair exercises the same roles as other members, and if the Chair is absent or incapacitated, the Deputy Chair must perform all the responsibilities and duties of the Chair (as above).

Process to Elect of Chair and Deputy Chair

(ref. Schedule 7 clause 25, Local Government Act 2002)

- 1 For the election or appointment of the chairperson and deputy chairperson, a local authority or a committee (if the local authority has so directed) must **determine by resolution that a person be elected or appointed by using one of the following systems of voting:**
 - 2 System A:
 - 3 (a) requires that a person is elected or appointed if he or she receives the votes of a majority of the members of the local authority or committee present and voting; and
(b) Has the following characteristics:
 - (i) There is a first round of voting for all candidates; and
 - (ii) if no candidate is successful in that round there is a second round of voting from which the candidate with the fewest votes in the first round is excluded; and
 - (iii) If no candidate is successful in the second round there is a third, and if necessary subsequent, round of voting from which, each time, the candidate with the fewest votes in the previous round is excluded; and
 - (iv) In any round of voting, if 2 or more candidates tie for the lowest number of votes, the person excluded from the next round is resolved by lot.
- System B:
- (a) Requires that a person is elected or appointed if he or she receives more votes than any other candidate; and
 - (b) Has the following characteristics:
 - (i) There is only 1 round of voting; and
 - (ii) If 2 or more candidates tie for the most votes, the tie is resolved by lot.

Attachments

Nil

8.2 Election of Deputy Chair for 2022/3

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

That the OTOP Zone Committee:

1. Choose whether to use system A or B , and
2. Then elect Deputy Chair for 2022/3.

Purpose of Report

Election of:

- Deputy Chair

Background

Chair

Each year, the Committee will appoint a Chair from its members by simple majority.

There is no limit on how long a person can be in this position.

As a Committee member the Chair shares the same responsibility as other Committee members.

In addition to this the Chair has the following roles:

- Chair Zone Committee meetings with all the commonly recognised authority of that position. The Chair may have the Zone Facilitator facilitate meetings and workshops of the Committee.
- Speak on behalf of the Committee and act as an advocate for it, including taking primary responsibility for interaction with the media and representing the Committee at meetings with external parties.

Deputy

Chair

Each year, the Committee will appoint a Deputy Chair from its members by simple majority.

There is no limit on how long a person can be in this position.

The Deputy Chair exercises the same roles as other members, and if the Chair is absent or incapacitated, the Deputy Chair must perform all the responsibilities and duties of the Chair (as above).

Process to Elect of Chair and Deputy Chair

(ref. Schedule 7 clause 25, Local Government Act 2002)

For the election or appointment of the chairperson and deputy chairperson, a local authority or a committee (if the local authority has so directed) must **determine by resolution that a person be elected or appointed by using one of the following systems of voting:**

System A:

- (a) requires that a person is elected or appointed if he or she receives the votes of a majority of the members of the local authority or committee present and voting; and
- (b) has the following characteristics:
 - (i) there is a first round of voting for all candidates; and
 - (ii) if no candidate is successful in that round there is a second round of voting from which the candidate with the fewest votes in the first round is excluded; and
 - (iii) if no candidate is successful in the second round there is a third, and if necessary subsequent, round of voting from which, each time, the candidate with the fewest votes in the previous round is excluded; and
 - (iv) in any round of voting, if 2 or more candidates tie for the lowest number of votes, the person excluded from the next round is resolved by lot.

System B:

- (a) requires that a person is elected or appointed if he or she receives more votes than any other candidate; and
- (b) has the following characteristics:
 - (i) there is only 1 round of voting; and
 - (ii) if 2 or more candidates tie for the most votes, the tie is resolved by lot.

Attachments**Nil**

8.3 Waitarakao/Washdyke Working Group

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

1. That the OTOP Zone Committee appoints an individual to replace Lucy Millar on the Waitarakao/Washdyke Working Group.
2. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 APG 1: This presentation is by **Chris Fauth**, Senior Scientist - Natural Hazards, Environment Canterbury. It gives context to the appointment of an individual onto the Waitarakao/Washdyke Working Group. Additionally Chris will provide an update on the Working Group and Strategy along with potential interventions and outcomes the OTOP WZC can engage with and how this ties in with the *Coastal Interface Project* as a potential foci for the OTOP WZC.

Background

- 2 On 17 June 2021 Environment Canterbury adopted its 2021 – 2031 Long Term Plan (LTP). This LTP includes funding for the development of a Waitarakao/Washdyke Strategy, beginning Financial Year 2021/22 of which \$0 was allocated.
- 3 It was understood that Timaru District Council also has funding in its LTP that can potentially be used for Waitarakao related activities, however their reply (21/11/22) states 'There isn't an easily identified budget specifically for "Waitarakao related activities" as such. There is some Timaru Stormwater Capital Budget earmarked as Waitarakao Stormwater Improvements'.
- 4 This is the first time since the Waitarakao Working Group was formed under the mandate of Environment Canterbury Commissioners and Timaru District Councillors in 2016 that dedicated resourcing is available to further the work of the group to fulfil aspirations for the Waitarakao catchment.
- 5 The OTOP Zone Committee visited the Waitarakao/Washdyke lagoon in both December 2021 and October 2022 where initial discussions were held about the strategy with Chris Fauth.

Discussion

- 6 The Working Group is committed to working collaboratively to achieve positive outcomes for Waitarakao lagoon, the rūnanga, and the community. Having a proactive member of the OTOP WZ committee on the Waitarakao/Washdyke Working Group will ensure we are in a position to collectively agree on the next steps for developing a Waitarakao Strategy (via the working group) as well as identifying some 'quick win' actions based on the availability of funds that could be undertaken while the strategy is in development.

- 7 The current update on Waitarakao Working Group is:
- 8 A high level timeframe for delivering a strategy has been produced. The strategy covers all of the Waitarakao/Washdyke catchment and issues within relating to natural hazards, water quality and hydrology, stormwater, industrial and farming activities, biodiversity, habitat, recreational use, access etc
- 9 The strategy will be fully public consulted and eventually approved by working group and steering group (see below). Target is full completion by mid to late 2024.
- 10 The Strategy process, included funding for any potential quick wins and for technical investigations needed to validate ideas (as well as funding the engagement).
- 11 The Strategy funding does not include implementation. The resultant document will be essentially a funding application for use within partner organisation, external funding sources and to central government. It is also intended to help partner organisations set priorities and align goals within the catchment.
- 12 A steering group of one leadership level member from each of the governing bodies involved in Waitarakao (TDC, ECan, AEC Ltd, DOC) has been established and has its first meeting on 8 December 2022
- 13 Approval will be sought from the Steering Group to establish a comprehensive public engagement plan. Public engagement is intended to begin late January/Early February and continue for the first half of next year.
- 14 The working group will develop and ensure the execution of the public engagement process and will feed the results of this back through the Steering committee decision makers. OTOP representation formerly has included John Talbot, Barb Gilchrist and Lucy Millar at various times. We are seeking a new representative to ensure alignment of thinking with OTOP and visibility across the two groups.
- 15 Separate to, but somewhat related to Waitarakao is work going on “coastal adaption” discussions occurring in Timaru District and elsewhere in region:
- 16 Coastal hazard driven issues are already developing along our coast with active erosion and inundation impacting directly on private land and environments today
- 17 A second tier of likely issues are on the horizon in the next few years (some coastal defences at or nearing end of life) etc and further environmental losses. And there are longer-term issues on the horizon such as risk to hut settlements, industrial land, railway line etc.
- 18 There are ongoing multi-agency and landowner discussions at various forums occurring on these coastal issues.
- 19 Planning framework and central government announcements in this area are lagging behind issues that are happening right now
- 20 It has not been finalised yet but speaking generally ECan has been reviewing our resourcing and how we can spend more time contributing to discussions and outcomes in coastal adaption. It is likely a specific project will be setup in ECan for contributions to adaptations type discussions and reaction to issues. This will involve a reallocation of staff time/direction.
- 21 Until otherwise notified I (Chris Fauth) am the best initial contact for any issue related to coastal issues and adaption type discussions at ECan.

Attachments

Nil

8.4 Catchments Collective South Canterbury (CCSC)

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 APG 1-5: To discuss CCSC 2022/23 recipients, associated funding and membership.
- 2 **Rhys Taylor** will update the committee on the Catchment Collective South Canterbury, their aims, objectives, members, current and potential projects.
- 3 Note that a MOU exists between ECan and the CCSC to facilitate support.

Background

- 4 *From 2021/22 project description:* Catchment Collective South Canterbury will host the following, with the support of the OTOP Zone Committee:
 - (1) Training and advice on Farm Environment Plans via FEP workshops, particularly in a catchment wide context approach. The Catchment Collective will be collaborating with B+LNZ (who offer to co-fund) enabling farmers and their catchment communities to understand catchment specific risks, appropriate mitigations and catchment priorities.
 - (2) Training to raise awareness on how to better engage with local Runanga (either through Te Tiriti o Waitangi training or similar). Encourage participation in offered learning by catchment group leaders or their nominated representatives. The catchment groups recognise that partnering with rūnanga will be invaluable in promoting health and wellbeing of water in context of 'Te Mana o te Wai', and hope that this learning will aid such partnerships.

Discussion

- 5 Memorandum of Understanding (MOU) has been established through which ECan team member Rhys Taylor advises the CCSC and connects catchment groups with technical support services: this is annexed for information.
- 6 From the Zone Committee funds, \$10k has been set aside for community engagement by the CCSC by June 2023. Rhys' presentation will highlight the current activity of the Collective, facilitating an informed discussion / decision regarding OTOP funding for 2022/23.
- 7 Key points:
- 8 The Collective (CCSC) have been engaged in project planning with Ministry of Primary Industries (MPI) since May 2022, for two projects which would provide extension services to member catchment groups. These are focussed on practical projects for three catchments:

Pareora, Upper Opihi and Barkers Creek tributary of the Waihi; alongside information gathering to help catchment-wide mapping of physiographic features/slopes/soils etc. The latter work would be relevant to all the groups in the Zone. Michael Bennett is currently leading the MPI negotiations.

- 9 Funding from MPI is still in prospect but the negotiation through 2022 has proved protracted. Rhys is attending a CCSC board meeting on 18 November and will summarise progress.
- 10 Support from the Zone Committee was to be used in concert with the MPI funding, as one if the local match-funding aspects, *so it has not been spent until the MPI decision is made, or it will not 'count' as match funding*. If MPI decline to fund, it would still be useful.
- 11 A preparatory session on Farm Environment Plans was held at Albury in the Te Ana Wai catchment, supported by Beef and Lamb NZ levy, which did not require draw-down of the Zone Committee funding. The CCSC farm environment planning events would be linked in to the MPI project.
- 12 Annexe: MOU between ECan and Catchments Collective.
- 13 Memorandum of Agreement between Environment Canterbury (Timaru office) and the Catchments Collective South Canterbury Society Inc.
- 14 At a meeting of the Catchments Collective managing committee on 6th August 2021, a collaboration for 2021-2022 between the two organisations was proposed, to facilitate development and effectiveness of catchment groups across the South Canterbury rural area. This update is for 2022-2023 year.
- 15 The MOU comprises:
- 16 (1) Provision of support time for the Collective Society, of up to one day a week, in an advisory and facilitation role, through Rhys E. Taylor, former contractor and now an Environment Canterbury part-time staff member, based at Timaru office.
- 17 (2) Access to some advisory time from staff in Environment Canterbury Timaru team, drawing on skills in land management, biodiversity, biosecurity, resource management, water science and mahika kai; to assist catchment project development and funding applications and to meet local catchment groups. Access to this support from Environment Canterbury will be managed by the OTOP Zone Lead (Gina Slee) and Rhys Taylor, who will together monitor the time demand and staff capacity to respond, alongside other priorities.
- 18 The Catchments Collective Society will for its part seek to develop local catchment groups' capacity for self-organisation, including recruitment of more voluntary facilitators, so that they are by June 2023 more able to facilitate their own meetings and projects and thus less reliant on external facilitation. This may include raising grant or sponsorship funding, such as a grant offer recently secured by the Society from Mid & South Canterbury Community Trust. An approach to MPI for grant support to employ workers (first submitted in May 2022, revised and resubmitted September 2022) forms part of this intention.

Signed & dated: 1st October 2022

Gina Slee, OTOP Zone Lead

Mark Adams, Chair.

For Environment Canterbury (Timaru)

For Catchment Collective Society

Attachments

Nil

8.5 Kakahu Phosphorus Management Project

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

1. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 APG 1;2: This presentation is by **Sophie McClenaghan**, LMA Environment Canterbury. It provides information and context pertaining to installation of sediment traps in the OTOP Water Zone.

Background

- 2 In 2017 the OTOP Zone Committee, industry groups, catchment groups and ECan worked together on the OTOP Healthy Catchments Project to consult with the community on the ZIPA and Plan Change 7 (PC7) of the Land and Water Regional Plan (LWRP). During this process Lyn Carmichael presented a memo to the OTOP Zone Committee on 'Managing the risk to water quality posed by deer farming on sloping land'. This eventually led to the High Runoff Risk Phosphorus Zone (HRRPZ) mapping layer which identified soils that are likely to result in runoff when under pressure from stock, high rainfall, cultivation and other management. PC7 introduced a condition for farming land use in OTOP where the current recommendation is, 'for any property greater than 20 hectares in area that has part of the property located within the HRRPZ, the area used for winter grazing of cattle or deer does not exceed 20 hectares on any part of the property within the HRRPZ'. This condition will likely result in many new farming land use consents throughout OTOP. Water quality data has shown issues with phosphorus and E. coli in the Lower Kakahu River (at Earl Road). *Please note the Kakahu Phosphorus Management Project will only be addressing farm scale effects and relating them to a catchment level and will not be looking at the Opuha Water Limited irrigation scheme.*

Discussion

- 3 Introduce the Kakahu Phosphorus Management Project and the engagement tools that will be used to achieve outcomes and gain momentum within this strong farming catchment. Critical source mapping will be a major component that aims to gather individual farm hotspots, collate reports and determine where the mitigations with the highest environmental outcomes for the catchment should be placed. Ideally, if funding was available to mitigate 2-3 of these locations within the catchment, we can work toward improving the overall water quality of the Kakahu River. One mitigation option is to use the three global consents for the Kakahu catchment to install sediment traps in appropriate locations.

WHO

Funding options: OTOP committee in consultation with Kakahu Phosphorus Management Project lead.

Attachments

Nil

8.6 Te Ahi Tarakihi

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

1. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 APG 1-5: Sriyan Jayasuriya, ECAN, will provide a summary / overview of Te Ahi Tarakahi as a potential funding option for OTOP.

Background

- 2 Te Ahi Tarakihi Creek is an urban waterway located in North Timaru, reaching approximately 4.5km in length. Flowing to the east where it then meets the sea, approximately 500m south of Waitarakao (Washdyke Lagoon), the creek surroundings holds significance through a range of attributes and values shared by local stakeholders, particularly its ecological and cultural values. The significance of its ecological features has also led to a 'Significant Natural Area' (SNA) being identified. Over time, the area has undergone changes as a result of human activity through the development which has occurred across the district.
- 3 Zolve Environmental was engaged by Timaru District Council to develop this stage one proposal, which should encompass both community and mana whenua values and perspectives, maximising community involvement through its objectives and actions. The development of the plan has succeeded through engagement in workshops, walkovers, and discussions, both with mana whenua representatives, community stakeholders and council staff.
- 4 The vision statement, of this project is:
- 5 "To enhance the environmental, cultural, and recreational aspects of the lower Te Ahi Tarakihi Creek and associated wetland"

Discussion

- 6 The area referred to as 'the site' encompasses the lower end of the catchment, where restoration goals have been outlined. This stage one proposal is intended to be a valuable resource for coordinating work to be undertaken in partnership with mana whenua, community stakeholders and local council staff.
- 7 The goals for this stage one proposal are:
Goal one:
Increase the site indigenous species diversity and abundance
Goal two:

Enhance and protect of values of the site for current and future generations & promote community engagement.

WHO

OTOP committee

Attachments

Nil

8.7 OTOP - Action Plan 2021 - 24 and Action Plan Budget**Author:** Andrew Oliver, CWMS Facilitator**Authoriser:****Recommendation**

1. That That the OTOP Zone Committee appoints an individual to replace Lucy Millar on the Waitarakao/Washdyke Working Group.
2. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 This budget overview is by Andrew Oliver, Zone Facilitator, Environment Canterbury and provides a summary of options moving forward for the financial year ending June 2023 in relation to the OTOP Action Plan 2021 – 24 and the CWMS Action Plan Budget addressed in the OTOP July 2022 meeting

Attachments

1. OTOP CWMS Action Plan budget 22_23 DRAFT
2. OTOP CWMS Action Plan budget 21_22

9.5.1 : **DRAFT 2022 / 23 CWMS Action Plan Budget – OTO**

What	Action Plan Goal	Intended Action	Project Description	Action Plan Rationale	Estimate Cost
9.2 Support South Canterbury Catchment Collective - <i>priority determined with CCSC</i>	We engage with the community and raise awareness of the impacts of human activity on land and water	Support the Catchment Collective South Canterbury Society Incorporated	<p>Catchment Collective will host the following, with the support of the OTO Zone Committee:</p> <p>1- Training and advice on Farm Environment Plans via FEP workshops, particularly with a catchment wide context approach. The Catchment Collective will be collaborating with B+LNZ (who offer to co-fund) enabling farmers and their catchment communities to understand catchment specific risks, appropriate mitigations and catchment priorities.</p> <p>2 - Training to raising awareness on how to better engage with local Runanga (either through Te Tiriti o Waitangi training or similar). Encourage participation in offered learning by catchment group leaders or their nominated representatives. The catchment groups recognise that partnering with rūnanga will be invaluable in promoting health and wellbeing of water, and hope that this learning will aid such partnerships.</p>	Zone Committee will engage with the community and raise awareness of the impacts of human activity on land and water by supporting the Catchment Collective South Canterbury Society Incorporated and their catchment group driven initiatives.	\$10,000
9.3 Kakahu Phosphorus Management Project ECan Zone Delivery led project – as discussed today	We engage with the community and raise awareness of the impacts of human activity on land and water	Support Kakahu Phosphorus Management Project	Critical source mapping will be a major component that aims to gather individual farm hotspots, collate reports and determine where the mitigations with the highest environmental outcomes for the catchment should be placed. Ideally, if funding was available to mitigate 2-3 of these locations within the catchment, we can work toward improving the overall water quality of the Kakahu River.		

9.4 Te Ahi Tarakihi	We commit to protecting, enhancing and restoring mahinga kai and tuhituhi nehera sites.	Support Te Ahi Tarakihi Project	Establishing baseline conditions of waterways within the Te Ahi Tarakihi catchment	We commit to protecting, enhancing, and restoring mahinga kai and tuhituhi nehera sites.	\$10,492.80
9.6 Water Well Checks: Host drinking water road show events (May – Waimate and Geraldine)	We champion safe and reliable drinking water for the OTOP community.	Host at least one community session offering on-site indicative private drinking water testing. Include presentation of possible solutions and research on reducing high nutrient levels.	Approximate costs: External print (adverts) - \$1300 Brochures / handouts - \$350 Onsite testing @\$10 per test - up to \$2100 (Waterwater and NZ Federation of Freshwater Anglers) Venue (x3 session) - approx \$900 Industry and/or scientists (two to three @ \$450pp for travel and time) \$1350. Waimate District Council and Timaru District Council have offered support with venue costs in their district.	Championing safe and reliable drinking water for the OTOP Community by hosting at least one community session offering on-site indicative private drinking water testing. Include presentation of possible solutions and research on reducing high nutrient levels.	\$4,000 (Based on Fairlie and Temuka costs)
9.7 Waitaha Action Impact Fund	We engage with the community and raise awareness of the impacts of human activity on land and water	Consider supporting declined / alternate applicants.	Understanding our water to enabling better on-farm and catchment management decisions Suburban Bike Skills Park Controlling exotic trees and woody weeds in Dennistoun Bush within Peel Forest Park Scenic Reserve (PFPSR)	The Waitaha Action to Impact Fund is a contestable fund for community organisations in Canterbury. The fund aims to build community engagement and action for a better environment in the region. For the 2022/23 year, the fund has \$600,000 available. The funding round opened for applications on Monday 18 July and closed at 10am on Monday 12 September 2022.	
9.8 Te Tiriti Course: for members of zone committee and catchment groups – max 18 people for two day	We commit to raising awareness of how to engage in a more positive manner with Runanga.	Host an annual te tiriti o Waitangi workshop for community members to attend.		To facilitate relevant advice to councils and other organisations contributing to freshwater Management.	\$6,500

(April and June 2022)					
9.9 Field Trip to Te Ana Maori Rock Art Centre and site: (March 2023)	We commit to protecting, enhancing, and restoring mahinga kai and tuhituhi neherā sites.	Zone committee to attend a session at the Te Ana Maori Rock Art Centre and host a field trip to Taniwha Gully with invited catchment group members.	<p>Zone committee to attend a session at the Te Ana Maori Rock Art Centre and host a field trip to Taniwha Gully with public and invited Catchment Collective South Canterbury members. The field trip aims to improve the community's understanding of best practice (particularly farming related) to protect the Rock Art and improve the surrounding biodiversity/mahinga kai.</p> <p>Budget to cover:</p> <ul style="list-style-type: none"> - A guided tour of the Maori Rock Art Centre centre (in central Timaru) - Transport - A guided tour to the Ōpihi taniwha site (on a farm in Pleasant Point surroundings) - Food - Plants and plant maintenance at Ōpihi taniwha site to continue ongoing Rock Art site restoration. 	Commitment to protecting, enhancing and restoring mahinga kai and tuhituhi o neherā sites within the OTOP Zone.	<p>\$1,100 <i>(\$55pp @ max 25 = \$1375) 4/11/22)</i></p>
Total					* \$21,600 (**\$32, 367.80)

* \$21,600 draft agreed in July 2022

** factors in amended rock art fee @ \$55pp X 25 people + Te Ahi Tarakihi project \$10, 492.80

9.5.2 Overview of previous year's expenditure.

The CWMS Action Plan Budget – OTOP Zone Committee 2021_2022

The CWMS Action Plan Budget is provided through the Long-Term Plan 2021-31, with \$50,000 for each committee in 2021/22. Through the draft Annual Plan, it is proposed that funding remain at \$50,000 per Zone Committee for 2022/23, as part of efforts to reduce expenditure where possible, while not changing overall commitments.

As Zone Committees do not have financial delegations, committees make recommendations on how the CWMS Action Plan Budget is allocated in their zone, and then an Environment Canterbury Senior Manager confirms project funding and enters into a funding agreement with project owners.

The purpose of this budget is to allow Zone Committees to focus on implementing their Action Plan and leverage other funding opportunities to achieve the CWMS priorities. The notable difference from the previous Immediate Steps funding is that budget can be allocated to a wider range of project types, rather than exclusively biodiversity.

Zone Committees cannot commit Environment Canterbury or District Council fund.

Action Plan Budget - Supported Initiatives for 2021/22

The Committee recommended several projects be supported by Environment Canterbury using the Zone Committee Action Plan Budget for the OTOP Water Zone:

- Field trip to and support of Ōpihi taniwha site (\$3,000)
- Drinking water road show events (\$3,329)
- Men's Shed Trap Geraldine project (\$7,656)
- Te Kopi-O-Te Opihi restoration (\$13,844)
- Catchment Collective South Canterbury Support (\$10,000)
- Te Ahi Tarakihi catchment restoration project (\$4,000)
- Te Tiriti Course (\$6,600)

Field trip to and support of Ōpihi taniwha site (Completed in May)

The Zone Committee organised and attended a session at the Opihi taniwha gully rock art site in May. Twenty-seven (27) people attended in total including Catchment Collective South Canterbury members, members of the public and Te Rūnanga o Arowhenua. The field trip aimed to improve the community's understanding of how to protect the rock art particularly related farming, the history and significance of the art and surrounding area and discussed the planting and restoration of the surrounding biodiversity/mahinga kai.

The budget covered a guided tour to the Ōpihi taniwha site and food for participants. Funding was also given for plants and plant maintenance at the Ōpihi taniwha site to continue ongoing restoration.

Drinking water road show events (Completed in May)

Two community drop-in sessions were organised and delivered in May by the Zone Committee. Members of public were offered on-site indicative well drinking water testing and could spend time talking to committee members and scientists about water quality issues and how to undertake tests for bacteria like E. coli.

Approximately 65 samples in Temuka and 21 samples in Fairlie were analysed for nitrate concentrations. The sessions were supported by Waterwatch and NZ Federation of Freshwater Anglers who undertook the tests as well as Aqualinc and Environment Canterbury who offered expert advice.

Overall costs covered advertising, brochure design and printing, onsite testing, venue hire, footpath signage. There was an under spend on this project as a third session was meant for the Waimate area, but this will only occur in the next financial year. The amount of \$1,571 is left in the budget.

Men's Shed Geraldine Trap Project

This project is a partnership with the Department of Conservation (DOC), the Geraldine Trapping Alliance and Men's Shed Geraldine where the Men's Shed will construct and assemble trap boxes to DOC approved specifications. The assembled traps will then be used by the Geraldine Trapping Alliance, DOC and any other community-based predator trapping projects in the area.

This project will provide a cost-effective supply of traps to the community. It supports Aotearoa's Predator Free 2050 strategy and the enhancement and protection of breeding populations of indigenous birds and native long-tail bats. It also means that individuals who are not able-bodied enough to directly do trapping work, can contribute to environmental work through the trap construction, assembly, and maintenance.

Te Kopi-O-Te Opihi restoration

This is a long-term restoration and education project including willow control, fencing and native eco-sourced riparian planting along a segment of the Upper Opihi River adjacent to the Burkes Pass township. A public walking track will also be installed through the restoration area forming a 1km extension of the existing Burkes Pass Heritage Walk with interpretation panels highlighting the story of Mana Whenua.

The first stage of this project will focus on upgrading current fencing to rabbit-proof fencing, willow control and some planting. The work is being supported by the Burkes Pass Heritage Trust, Arowhenua te Runanga and Te Kete Tipuranga O Huirapa Ltd (Arowhenua's commercial nursery).

This project sits well with Arowhenua's values and aspirations to enhance the entirety of the Opihi River. They are involved with growing plants for the Opihi lagoon restoration project and see the work in the Upper Opihi catchment as a good fit. Te Runanga plan to host wananga and whanau planting days at the site with the landowner's support.

Catchments Collective South Canterbury Support

The Catchments Collective South Canterbury are funded to host the following, with the support of the OTOP Zone Committee:

- Training and advice on Farm Environment Plans (FEP) via workshops, particularly with a catchment wide context. The Catchment Collective will be collaborating with Beef and Lamb New Zealand (who have offered to co-fund), enabling farmers and their catchment communities to understand catchment specific risks, appropriate mitigations, and catchment priorities.
- Training for local catchment group members and landowners to raising awareness on how to better engage with local Runanga (either through Te Tiriti o Waitangi training or similar). Catchment groups recognise that partnering with rūnanga will be invaluable in promoting health and wellbeing of water, and the Catchment Collective South Canterbury hope that education opportunities will aid such partnerships.

Te Ahi Tarakihi catchment restoration project

This project forms part of a wider programme of work within the Te Ahi Tarakihi catchment which is situated in residential Timaru and is a Mataitai Reserve. The programme is a collaboration of work by Environment Canterbury and Timaru District Council. Each agency is responsible for different projects within the catchment but with the shared responsibility for completing the programme for the benefit of the catchment.

The budget is recommended for enhancing the health and amenity values of the wetland area at the lower end of Te Ahi Tarakihi creek. The site is adjacent to a small lake/pond which is classified as a Timaru District Significant Natural Area as it offers habitat for indigenous bird species such as royal spoonbill/kotuku-ngutupapa and pied shag/kāruhiruhi.

Initial funding will cover fencing to exclude stock from the creek and wetland, as well as rubble removal from the creek and surrounding area. (completed in June)

Te Tiriti Course (completed in June)

The Zone Committee will organise and host a two-day Te Tiriti Course in June for members of Southern Zone Committees, local catchment group members and the OTOP community. The aim is to improve local knowledge of New Zealand history and to raising awareness on how to better engage with local Runanga.

Funding will cover the course facilitator and material, Arowhenua Marae hire, pōwhiri and catering for two days.

8.8 Well Water Checks

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

1. That APG 1,3,4: That the OTOP Zone Committee timetable tentative locations and dates for Well Water Checks up to the end of this financial year (June 2023) such that planning for these events can also be planned jointly with the LWZC for a session in Waimate.
2. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 The general consensus from the OTOP WZC July 2022 minutes is to hold well water checks as a regular annual event.

Background

- 2 The OTOP Water Zone Committee included an action in its 2021-24 Action Plan to “Host at least one community session offering on-site indicative private drinking water testing. Include presentations of possible solutions and research on reducing high nutrient levels.”
- 3 Two community drop-in sessions were organised and delivered on 16 May 2022 by the zone committee in Temuka and Fairlie. Members of the public were offered on-site indicative well drinking water testing and could spend time talking to zone committee members and scientists about water quality issues.
- 4 \$5,000 excl. GST was recommended from the CWMS Action Plan Budget to cover overall event costs, however, there was an under spend on this project as a third session meant for the Waimate area did not occur due to availability of the zone committee members. The total cost was \$ 3,328.97 excl. GST.
- 5 Approximately 65 samples in Temuka and 21 samples in Fairlie were analysed for nitrate concentrations.

Discussion

From the July 2022 OTOP WZC minutes it was suggested that the next sessions be potentially run at Geraldine and Pleasant Point. However given the conjoint nature of OTOP / LWZ Geraldine and Waimate have been suggested. The rationale for these seasons is equitable to that noted behind the May 2022 sessions, namely:

- 1.To raise awareness in the OTOP Zone about private drinking water supplies – quality and risk. To provide information about well water quality results and what to do about them. To encourage uptake of well water supply testing.
- 2.With high nitrate, e-coli and other contaminants in groundwater in some places in Canterbury, it is important that regular testing is undertaken by well-owners to prevent health issues. (This was discussed at an OTOP Zone Committee meeting in September 2021 - *Annual Groundwater Quality Survey for 2020*;
<https://www.ecan.govt.nz/document/download?uri=4129715>)
- 3.This problem is continually being seen in the media, with councils and health boards all over the country grappling with the possible health risks of high nitrates and other contaminants in groundwater.

WHO

- 1.Coordinated conjointly by the OTOP and LW Zone facilitators and run by those respective committees along similar lines to the sessions in May 2022.
- 2.The May 2022 sessions were supported by Waterwatch and NZ Federation of Freshwater Anglers who undertook the tests as well as Aqualinc and Environment Canterbury who offered expert advice.

Ref: [Well owners take advantage of free testing | Environment Canterbury \(ecan.govt.nz\)](#)

Attachments

Nil

8.9 Waitaha Action Impact Fund

Author: Andrew Oliver, CWMS Facilitator

Authoriser:

Recommendation

1. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 This is a response from the July 2022 minutes to ascertain Wai Fund applicants in the OTOP Zone.

Background

- 2 The Waitaha Action to Impact Fund is a contestable fund for community organisations in Canterbury. The fund aims to build community engagement and action for a better environment in the region. For the 2022/23 year, the fund has \$600,000 available. The funding round opened for applications on Monday 18 July and closed at 10am on Monday 12 September 2022.
- 3 From the July 2022 minutes: How can we open communication to promote projects through the Committee. Applications are well vetted by the time it comes to the Committee including project management and (limited) ecological impact assessing. Beneficial for groups to hear about the funding through a variety of avenues; ECan social media, Water Zone Committees networking, mailing lists. (Regional) Council expanded the fund, would be good to see more projects across the region. Project OTOP funded the Burkes Pass where the Waitaha Action to Impact Fund had declined.

Discussion

- 4 The table below summarises the total grants accepted in the OTOP zone.

Table 1 Applications received in 2022 by zone

CWMS zone	Number of applications
Kaikōura	2
Hurunui Waiau	4
Waimakariri	2
Christchurch West Melton	23
Banks Peninsula	14
Selwyn Waihora	6
Ashburton	3

Orari Temuka Opihi Pareora	4
Upper Waitaki	3
Lower Waitaki	3
Regional	3

Table 2 Applications approved 2022 in the OTOP zone

Sustainable South Canterbury Trust*	Eco Centre Launch and Progression – the Eco Centre building at Redruth, Timaru aims to run and host workshops to educate adults and children for actions on waste, energy, climate, land-use and water.	10,000	Orari Temuka Opihi Pareora
Mackenzie Community Enhancement Board*	Opihi River Revegetation Project – native vegetation planting alongside the Opihi River, partnering with the Fairlie Lions Club to create a community project that will involve all the schools in the Fairlie District and any interested groups and individuals.	16,560	Orari Temuka Opihi Pareora
The Peel Forest Outdoor Pursuits Charitable Trust*	Peel Forest river corridor trapping project – pest animal control, utilising technical expertise from biosecurity specialists, and engaging community in restoration activities to provide riparian habitat protection to promote local flora and fauna recovery in the wider landscape.	8,890	Orari Temuka Opihi Pareora
Orari River Protection Group*	Trapping predators and weed eradication – working in partnership to sustain and improve weed eradication to help provide a safe environment for rare reptiles and other flora and fauna.	6,500	Orari Temuka Opihi Pareora

WHO

OTOP committee.

Attachments

Nil

8.10 Te tiriti Course**Author:** Andrew Oliver, CWMS Facilitator**Authoriser:****Recommendation**

1. That That the OTOP Zone Committee receives this report.
2. Host an annual te tiriti o Waitangi workshop for community members to attend.

Purpose of Report

- 1 APG 2: We commit to raising awareness of how to engage in a more positive manner with Runanga.

Background

- 2 A two-day Te Tiriti course was held in June 2021 for members of southern zone committees, local catchment groups and the OTOP community. The workshop aimed to improve locals' knowledge of New Zealand history and to raising awareness on how to better engage with local Runanga. It included a visit to Arowhenua Marae. Funding of up to \$6,500 was recommended to cover the costs of 18 attendees; the final numbers were 14 attendees which meant an underspend on funding.

Discussion

- 3 Participation in a Te Tiriti course provides the opportunity for individuals to expand their own world view in the context of the Treaty and how / why that has and can influence decisions around water management.

WHO

Previous session was held at Arowhenua marae and facilitated by Sharon Annett; Treaty Education; www.treatyeducation.co.nz

Attachments**Nil**

8.11 Field Trip to Te Ana Maori Rock Art Centre and site**Author:** Andrew Oliver, CWMS Facilitator**Authoriser:****Recommendation**

1. That the OTOP Zone Committee receives this report.

Purpose of Report

- 1 Zone committee to attend a session at the Te Ana Maori Rock Art Centre and host a field trip to a Rock Art Site with public and invited Catchment Collective South Canterbury members.

Assessment of Significance

- 2 Immediate Steps biodiversity funding recommended by the Zone Committee from FY21 was used by Te Ana Ngāi Tahu Māori Rock Art Trust to part fund a large planting day at their Opihi river tuhituhi neherā (rock art) site in March 2022. The planting day was attended by Timaru District Council, Environment Canterbury, local businesses and zone committee and community members.
- 3 The Zone Committee organised and attended an education session at the Opihi tuhituhi neherā site in May 2022. The field trip aimed to improve the community's understanding of how to protect rock art particularly related to farming, the history and significance of the art and surrounding area, and discuss the planting and restoration of the site's biodiversity/mahinga kai. 27 people attended the session including members of public, Catchment Collective South Canterbury and Te Rūnanga o Arowhenua. \$3,000 from the CWMS Zone Committee Action Plan Budget was recommended by the Zone Committee to cover the guided tour as well as further plants and maintenance to continue ongoing restoration.

Discussion

- 4 The field trip aims to improve the community's understanding of best practice (particularly farming related) to protect the Rock Art and improve the surrounding biodiversity/mahinga kai. It also facilitates a different world view of the landscape within which decisions about water management and its' mauri are made.

WHO

<https://www.teana.co.nz/>**Attachments**

Nil

8.12 Committee Update**Author:** Andrew Oliver, CWMS Facilitator**Authoriser:****Recommendation**

1. That the OTOP Zone Committee receives this report.

Purpose of Report**Calendar Dates – Meetings / Workshops / Field-trips: first Monday of the month**

Four meetings required annually.

Balance can be made up of workshops / field trips

Dates to be confirmed by ECAN Governance.

Date	Suggestion	Note
February 6 th (Waitangi Day)	Shift to Monday 13 th ?	Arowhenua / planning w/shop?
March 6 th	Fieldtrips?	TDC unavailable / Budget recommendation
April 3 rd	<i>Treaty Workshops?</i>	
May 1 st	<i>Drinking Water Road Show?</i>	
June 5 th (Queens B'day)	Shift to Monday 12 th ?	
July 3 rd		TDC unavailable
August 7 th		
September 4 th		
October 2 nd		
November 6 th		
December 4 th		

February/March - Zone Committee asked to host a noho marae (open to zone committee and catchment groups). Zone Committee suggested an overnight stay at a marae with a focus on mahinga kai / food gathering and site visits to areas that are still in use. Could combine with eeling. Also discussed whether an eel could be tested as link to water quality (might be too hard on the spot)? Option to host this in Feb or March with more settled weather. Marae available 13th Feb as at 22/11/22.

April – organise and host a Treaty training (2 Days). Previous session was held at Arowhenua marae and facilitated by Sharon Annett; Treaty Education; www.treatyeducation.co.nz

May - Drinking Water Road Show in Geraldine and Waimate in conjunction with Lower Waitaki ZC

Intensive Winter Grazing

The revised Intensive Winter Grazing (IWG) Module is now available online. Click the button below to view the module. This module is also available on the Ministry for Primary Industries' website:

<https://www.mpi.govt.nz/agriculture/farm-management-the-environment-and-land-use/protecting-freshwater-health/intensive-winter-grazing/>

The Module, first published in 2021, has been updated with the latest IWG regulations that came into effect on November 1, 2022. It is designed to help farmers and growers further improve their IWG practices and includes a template that can be downloaded and filled in.

Intensive Winter Grazing regulations are science-based and intended to assist farmers reduce soil and nutrient loss to the environment, especially through waterways and wetlands.

The overarching legislation for these regulations is in the National Environmental Standards for Freshwater that was updated on 1 November with the amendments on IWG.

Funding is available through regional councils, catchment groups, iwi and various rural-related organisations to help carry out these reforms.

The updated regulations provide pathways for IWG through permitted activity (where no consent is required) or, in cases where farmers are unable to meet the permitted activity standards, they will be able to apply for consent.

Regional Councils set their own rules and costs (through their Regional Plans) and, where required, issue resource consents.

Farmers and growers are advised to plan, do, check and review their IWG management early and to raise any questions with their farm advisors, regional council or MPI's On Farm Support team.

Not all IWG activity will require resource consent.

Leachate Information

When grasses and arable crops are cut and stored in a silage pit, fermentation occurs, converting sugars into acids. This acidity prevents the growth of bacteria that would cause the silage to spoil, preserving it for later use. However, this process also produces effluent, which can contaminate groundwater if not correctly collected. For this reason, silage storage areas need to be carefully sited, constructed and managed to avoid polluting nearby water sources. Rules regarding silage: The Canterbury Land and Water Regional Plan sets out the Permitted Activity rules for silage. If you can abide by the following rules and practices, Resource Consent is not required: Further information can be found here: <https://www.ecan.govt.nz/your-region/farmers-hub/gmp/managing-silage/>

Local Rock Art featured on RNZ:

Rosemary Clucas from Environment Canterbury advises landowners on the potential impact of irrigation and farming on limestone rock art. She has worked to establish some agricultural buffers around the sites. Re: FEP's '... under the recent changes now include provisions for rock art and mahinga kai'.

Ref: <https://www.rnz.co.nz/national/programmes/countrylife/audio/2018866487/farmers-proud-to-be-guardians-of-ancient-drawings>

African love grass: Field Trip

African love grass is a plant pest that will rapidly invade and form dense stands that prevents establishment of other species. It produces significant numbers of highly viable seeds that will tolerate harsh conditions. Come along and see live African love grass plants and learn how to identify and control them in the field.

Friday 9th December 2022, 10:00am – 2:00pm

To register please email biosecurity@ecan.govt.nz or call **0800 324 636** by Tuesday 6 December with your name and a contact phone number.

Once you have registered your interest, we will email you by 8 December if the event is postponed.

Meet outside the Wrinkly Rams café (24-30 Omarama Avenue, Omarama) at 10:00am to travel in convoy to the farm.

We will discuss:

- Identification
- Background & History
- Regional spread
- Potential risk
- Management options & control
- Pathway Management

Please be aware that a reasonable level of fitness is required and will cover steep hill country. Access is suitable for 2WD vehicles, please car-pool where possible.

From the Environment Canterbury Biosecurity team

We are looking for community representatives to join one of our four Biosecurity Advisory Groups (North, Central, Christchurch/Banks Peninsula and South). We would really appreciate it if you could assist us with sharing the information about these groups and how to apply via your e-newsletters, social media or general communications with your members. **Applications are open until Monday 23 January 2023.**

What you would be doing

These groups provide advice and feedback that supports Environment Canterbury's [Regional Pest Management programme](#), as well as encourage community involvement in biosecurity activities across Waitaha/Canterbury.

When and where you will meet

All members meet in person three to four times per year, as well as for occasional online meetings and field trips. In-person meetings are open to the public. The meeting venue will move around the Biosecurity Advisory Group area throughout the term.

What we are looking for

Anyone with an interest in biosecurity issues can apply, and members are selected and appointed by Environment Canterbury's councillors. We're looking for people across the region, with the following attributes:

- a broad and balanced range of interests relating to biosecurity
- pest management and/or biosecurity knowledge and experience

- links with local communities
- ability to work collaboratively
- ability to operate using a solution-based and future-focused approach.

Visit our [application page for more information](#) or you can find [detailed information on how the groups operate](#) on our website.

If you have any questions, please email biosecurity@ecan.govt.nz or phone 0800 765 588.

Attachments

Nil

- 9 Consideration of Urgent Business Items**
- 10 Consideration of Minor Nature Matters**

- 11 Closing Karakia**