

**Table 1. Lake Dunstan Restoration and Community Engagement Project**

	<b>Question</b>	<b>Answer</b>						
1.	How much of the funding allocated as part of 'Jobs for Nature' has been spent on this project so far?	\$720,000 of funding has been spent as of 31/03/2023						
2.	What is meant by 'development of a shared community vision for Lake Dunstan'? <ol style="list-style-type: none"> <li>a. How much has been spent on developing a shared community vision?</li> <li>b. Please break down the costs associated with this aspect of the project.</li> </ol>	The Lake Dunstan Charitable Trust (the Trust) has facilitated and led the community in the development of a shared community vision for the future of Lake Dunstan. The Trust contracted Shaping Our Future (an independent community visioning organisation) to undertake engagement within the community to capture their vision and values for Lake Dunstan and make recommendations as to the first steps towards meeting the community goals. The report Delivering a long-term vision for Lake Dunstan is available online: <a href="https://www.lakedunstan.org/community-vision-report.html">https://www.lakedunstan.org/community-vision-report.html</a> <ol style="list-style-type: none"> <li>a. \$202,000 has been spent to date on developing the shared community vision and this includes community outreach and educational activities.</li> <li>b. A breakdown of costs is below:               <table border="1" data-bbox="1032 699 1975 884"> <thead> <tr> <th data-bbox="1032 699 1579 738"><b>Item</b></th> <th data-bbox="1579 699 1975 738"><b>Amount</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="1032 738 1579 810">Salary of Coordinator</td> <td data-bbox="1579 738 1975 810">\$50,000 per annum for four years</td> </tr> <tr> <td data-bbox="1032 810 1579 884">Vision consultants and software to manage community consultation</td> <td data-bbox="1579 810 1975 884">\$52,000</td> </tr> </tbody> </table> </li> </ol>	<b>Item</b>	<b>Amount</b>	Salary of Coordinator	\$50,000 per annum for four years	Vision consultants and software to manage community consultation	\$52,000
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Salary of Coordinator	\$50,000 per annum for four years							
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1.	How much has been spent on 'community outreach'? <ol style="list-style-type: none"> <li>a. Please describe what is meant by 'community outreach' as referred to on their website.</li> <li>b. Please break down what has been spent on community outreach. For example, how much has been spent on branding, posters, online advertising, and all other costs associated with community outreach?</li> </ol>	The community outreach is part of the coordinator's salary (see 2b). <ol style="list-style-type: none"> <li>a. Community outreach includes information produced and published on the Trust's website and social media, community engagement workshops, and school visits and events such as the Annual Lakeside clean-up which the Trust is now co-ordinating.</li> <li>b. Included above as salary, expenses were minimal as the co-ordinator runs social media as part of their role. They also used the local community bulletin (which is free for community groups) the website has a newsletter and educational articles and Ripple Effect speakers <a href="#">Ripple Effect: Guest Speakers (lakedunstan.org)</a> <a href="#">Lake Plans + Resources (lakedunstan.org)</a></li> </ol>						
2.	How many plants have been removed as part of this project?	1.5 hectares of invasive weeds were removed in preparation for native planting as part of the 'Bridge to Bridge' biodiversity restoration project which is focused on restoring native species and improving recreational access and use from Lowburn Bridge to Deadman's Bridge						

3.	How many native plants or seedlings have been planted as part of this project?	Approximately 10,000 native plants have been planted in community events as part of the 'Bridge to Bridge' biodiversity restoration project. This project is focused on restoring native species and improving recreational access and use from Lowburn Bridge to Deadman's Bridge with more planting planned in autumn and spring 2023.
4.	<p>There is a commitment to producing a bi-annual community survey to monitor feedback on the changes being made to Lake Dunstan, how much has been spent on the survey? monitoring the feedback and promoting the survey?</p> <ul style="list-style-type: none"> <li>a. Please break down how much was spent on promoting the survey (online ads, posts, posters, etc.)</li> <li>b. How much was spent to produce the survey?</li> <li>c. How many respondents did the survey have?</li> </ul>	<p>The bi-annual community surveys incur a minimal cost, limited to the coordinator's salary as described above. The promotion of the survey is via the Lake Dunstan website, social media, and their local bulletin</p> <ul style="list-style-type: none"> <li>a. Minimal – free or not recorded</li> <li>b. \$0 - survey on the Lake Dunstan website, trustee volunteer hours, and coordinator to manage website</li> <li>c. The first survey in August 2021 had 262 responses – link to survey <a href="#">August 2021 Survey</a>. The most recent survey had 77 responses</li> </ul>

**Table 2. Boffa Miskell - Aquatic and Terrestrial Weeds and Pests Control – Canterbury**

	<b>Question</b>	<b>Answer</b>																						
1.	How much of the 'Jobs for Nature' funding has been spent on this project so far?	\$7.5 million of funding has been spent as of 31/03/2023																						
2.	<p>Of this funding, how much has been spent on:</p> <ul style="list-style-type: none"> <li>• Advertising</li> <li>• Surveys</li> <li>• Pest Control (please include what 'pests' have been destroyed or removed and how many. This includes plants.)</li> <li>• Signage</li> <li>• Any other expenditure</li> </ul>	<p>A breakdown of the funding spent as of 31/03/2023 includes:</p> <table border="1" data-bbox="1032 440 1977 735"> <thead> <tr> <th><b>Item</b></th> <th><b>Amount</b></th> </tr> </thead> <tbody> <tr> <td>Advertising*</td> <td>\$14,000</td> </tr> <tr> <td>Surveys</td> <td>\$300,000</td> </tr> <tr> <td>Pest Control**</td> <td>\$6,600,000</td> </tr> <tr> <td>Signage (warning signage – these are repurposed so incurs no further direct cost)</td> <td>\$1,000</td> </tr> <tr> <td>Any other expenditure</td> <td>\$585,000</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>\$7,500,000</b></td> </tr> </tbody> </table> <p>*Advertising includes public notifications (radio notifications, newspapers) to ensure the local community is informed about the timing and use of aquatic herbicide treatment. This is required as part of Environment Canterbury's resource consent requirements and the Environmental Protection Authority's permission conditions that apply to the use of permitted substances onto or into water.</p> <p>**LINZ reports to the Jobs for Nature Secretariat on three environmental metrics related to pest and weed control being aquatic weeds and terrestrial weeds and pests. The metrics reported to the Jobs for Nature Secretariat include pest and weed control by area, not by individual numbers of animals and weeds killed as per the table below:</p> <table border="1" data-bbox="1032 1126 1977 1278"> <thead> <tr> <th><b>Metric</b></th> <th><b>Area (ha) (at 31/03/2023)</b></th> </tr> </thead> <tbody> <tr> <td>Area of animal pest control completed</td> <td>11,957.19</td> </tr> <tr> <td>Area treated for weeds</td> <td>332,017.88</td> </tr> <tr> <td>Area where aquatic weeds were controlled</td> <td>10,778.64</td> </tr> </tbody> </table> <p>The area of animal pest control targets the following animal species: rats, mustelids, mice, hedgehogs, possums, rabbits, and southern black-backed gulls.</p> <p>The area treated for weeds includes the following weed species: gorse, broom, old man's beard, Russell lupin, crack and grey willow, nassella tussock, false tamarisk, buddleia, yellow flag iris, poplar, Spanish heath.</p> <p>The area where aquatic weeds were controlled includes lagarosiphon.</p>	<b>Item</b>	<b>Amount</b>	Advertising*	\$14,000	Surveys	\$300,000	Pest Control**	\$6,600,000	Signage (warning signage – these are repurposed so incurs no further direct cost)	\$1,000	Any other expenditure	\$585,000	<b>TOTAL</b>	<b>\$7,500,000</b>	<b>Metric</b>	<b>Area (ha) (at 31/03/2023)</b>	Area of animal pest control completed	11,957.19	Area treated for weeds	332,017.88	Area where aquatic weeds were controlled	10,778.64
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3.	How many jobs have been created as a consequence of this project?	There were 349 employment starts working a total of 53,734.64 hours as of 31/03/2023. This is the equivalent of 34 FTEs across a range of full-time, part-time, and seasonal jobs.
4.	According to your website, the project began in 2020 and is due to end in 2024. What has been achieved so far as part of this project?	<p><b><u>Terrestrial pest and weed control</u></b></p> <p>Terrestrial projects in Canterbury focus on pest and weed control on LINZ-managed riverbeds with control works being undertaken at more than 30 sites including in the Rakaia, and Waiau Toa/Clarence braided river systems (used as examples below).</p> <p><u>Waiau Toa/Clarence</u></p> <p>Aerial control of woody weeds has been carried out in the upper section of the Waiau Toa/Clarence River right through to the hapua. Ground control of woody weeds has been carried out within the middle and lower sections of the river.</p> <p>Weed species targeted include broom, gorse, buddleia, poplar, crack and grey willow, false tamarisk, old man's beard, and Spanish heath.</p> <p>Mammalian predator programmes in the upper catchment and at the hapua helped protect braided river bird populations from predation.</p> <p>Outcome monitoring of braided river birds in controlled areas in the Clarence has included island enhancement work and targeted black-fronted tern/Tarapirohe population monitoring. Breeding success was high in the 2021/22 season with 123 chicks fledging (compared with 14 in the 20/21 season).</p> <p><u>Rakaia River</u></p> <p>Woody weed species have been cleared from the upper tributaries using aerial spot-spraying (due to the infrequency of these species within the area). Ground control of woody weeds has been carried out within lower sections of the tributaries, including the Cameron, Swin, and Smite Rivers, and around the confluences of Rakaia/Mathias, Wilberforce/Harper, and Harper/Avoca Rivers.</p> <p>Weed species targeted include broom, gorse, buddleia, crack and grey willow, false tamarisk, and Russell lupin.</p> <p>Mammalian predator and rabbit control programmes have been undertaken in key areas to help protect braided river bird populations from predation.</p> <p>Outcome monitoring for braided river birds was also carried out in the 2021/22 season in the Rakaia area. Three black-fronted tern /Tarapirohe colonies were surveyed, with 23 nests being monitored. Unfortunately, there was no fledging success this season due to flooding, predation, and nest disturbance.</p>

		<p><b>Aquatic lakeweed control</b></p> <p>The lakeweed control programme includes lagarosiphon control in Lake Benmore and Lake Aviemore and surveillance in Lake Waitaki, Lake Ruataniwha, and Lake Ōhau. In Lake Benmore control efforts are focused on ensuring that the downstream receiving waterbodies remain free of weeds and on minimising the impact of weeds on recreation and use of the lake, including hydro-generation.</p> <p>NIWA undertakes independent inspections of aquatic weed control works at key water body sites (not funded by Jobs for Nature). NIWA's recent inspections in November 2022 and March 2023 concluded that the eradication zones in Lake Benmore and Aviemore have sustained improvement over the last two years with eradication being achieved.</p> <p>Full shoreline surveillance has been undertaken yearly in Lake Waitaki (2020, 2021, and 2022) and Lake Ruataniwha in 2020 and 2021, and Lake Ōhau in 2020 and 2022 which currently remain lagarosiphon-free.</p>
5.	<p>Here: <a href="https://environment.govt.nz/what-government-is-doing/areas-of-work/jobs-for-nature/projects-funded-by-jobs-for-nature/?limit_29385=350">https://environment.govt.nz/what-government-is-doing/areas-of-work/jobs-for-nature/projects-funded-by-jobs-for-nature/?limit_29385=350</a></p> <p>The description of your project describes how Boffa Miskell will "Increase the number of lakes included in the annual works program". To what annual works program is this referring?</p>	<p>LINZ's Jobs for Nature funding was used to expand our existing biosecurity programme or invest in projects that would benefit LINZ-managed Crown land. The annual works programme this is referring to is the longstanding LINZ biosecurity programme that carries out aquatic and land-based pest and weed management, alongside mapping, monitoring, and surveillance of pests and weeds.</p>

**Table 3. South Canterbury Braided Rivers Project (DOC Geraldine)**

	<b>Question</b>	<b>Answer</b>																		
1.	What does the aforementioned project specifically involve? i.e., Is it limited to specifically destroying predators?	The South Canterbury Braided Rivers Projects involve pest and weed control on and around the Rangitata, Rakaia, Ashburton, Stour, Waitaki, and Opihi rivers.																		
2.	How much of the 'Jobs for Nature' funding has been spent so far on the project?	\$1.2 million of funding has been spent as of 31/03/2023.																		
3.	Please provide a budget breakdown for where the money from the 'Jobs for Nature' fund is going/has gone for this project.	<p>A breakdown of the total anticipated spending over four years:</p> <table border="1" data-bbox="1025 488 1955 858"> <thead> <tr> <th><b>Project</b></th> <th><b>Funding*</b></th> </tr> </thead> <tbody> <tr> <td>Waitaki River Island weed clearing</td> <td>\$215,000</td> </tr> <tr> <td>Opihi River Lagoon restoration</td> <td>\$920,000</td> </tr> <tr> <td>Ashburton South/Stour weeds and possum control</td> <td>\$520,000</td> </tr> <tr> <td>Long-tailed bat habitat enhancement</td> <td>\$130,000</td> </tr> <tr> <td>Rakaia River Catchment Geese Control</td> <td>\$40,000</td> </tr> <tr> <td>Upper Rangitata River Predator Control</td> <td>\$330,000</td> </tr> <tr> <td>Staffing/Project Management/Oversight</td> <td>\$800,000</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>\$2,955,000</b></td> </tr> </tbody> </table> <p><i>*These figures are based on actual spending up to 31/03/2023 plus anticipated spend for the next financial year</i></p>	<b>Project</b>	<b>Funding*</b>	Waitaki River Island weed clearing	\$215,000	Opihi River Lagoon restoration	\$920,000	Ashburton South/Stour weeds and possum control	\$520,000	Long-tailed bat habitat enhancement	\$130,000	Rakaia River Catchment Geese Control	\$40,000	Upper Rangitata River Predator Control	\$330,000	Staffing/Project Management/Oversight	\$800,000	<b>TOTAL</b>	<b>\$2,955,000</b>
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4.	<p>How many predators have been destroyed as a consequence of this project?</p> <ul style="list-style-type: none"> <li>Please break down by animal.</li> </ul>	<p>LINZ reports to the Jobs for Nature Secretariat on three environmental metrics related to pest and weed control. For the South Canterbury Braided Rivers Project (DOC Geraldine) project we report on two of these metrics. The metrics reported to the Jobs for Nature Secretariat include pest and weed control by area, not by individual numbers of animals and weeds killed as per the table below:</p> <table border="1" data-bbox="1025 1201 1955 1313"> <thead> <tr> <th><b>Metric</b></th> <th><b>Area (ha) (at 31/03/2023)</b></th> </tr> </thead> <tbody> <tr> <td>Area Of Animal Pest Control Completed</td> <td>177,514.70</td> </tr> <tr> <td>Area Treated For Weeds</td> <td>3,133.40</td> </tr> </tbody> </table>	<b>Metric</b>	<b>Area (ha) (at 31/03/2023)</b>	Area Of Animal Pest Control Completed	177,514.70	Area Treated For Weeds	3,133.40												
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**Table 4. South Canterbury High Country Project (DOC Twizel)**

	<b>Question</b>	<b>Answer</b>										
1.	What does the aforementioned project specifically involve? i.e., Is it limited to specifically destroying predators?	The South Canterbury High Country Project involves predator control in the Huxley, Hopkins, and Temple valleys and rabbit fencing in the Mackenzie basin.										
2.	How much of the 'Jobs for Nature' funding has been spent so far on the project?	\$1.4 million of funding has been spent as of 31/03/2023.										
3.	Please provide a budget breakdown for where the money from the 'Jobs for Nature' fund is going/has gone for this project.	<p>A breakdown of the total anticipated spending over four years:</p> <table border="1" data-bbox="1025 488 1955 783"> <thead> <tr> <th data-bbox="1025 488 1579 528"><b>Project</b></th> <th data-bbox="1579 488 1955 528"><b>Funding*</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="1025 528 1579 600">Predator trapping – Huxley, Hopkins Temple Valleys – expenses associated with delivery</td> <td data-bbox="1579 528 1955 600">\$525,000</td> </tr> <tr> <td data-bbox="1025 600 1579 708">Rabbit protection – Mackenzie Basin – expenses associated with delivery by contractors including materials</td> <td data-bbox="1579 600 1955 708">\$1,628,426</td> </tr> <tr> <td data-bbox="1025 708 1579 748">Staffing/Project Management/Oversight</td> <td data-bbox="1579 708 1955 748">\$900,000</td> </tr> <tr> <td data-bbox="1025 748 1579 783">TOTAL</td> <td data-bbox="1579 748 1955 783">\$3,053,426</td> </tr> </tbody> </table> <p data-bbox="1025 783 2112 855"><i>*These figures are based on actual spending up to 31/03/2023 plus anticipated spend for the next financial year</i></p>	<b>Project</b>	<b>Funding*</b>	Predator trapping – Huxley, Hopkins Temple Valleys – expenses associated with delivery	\$525,000	Rabbit protection – Mackenzie Basin – expenses associated with delivery by contractors including materials	\$1,628,426	Staffing/Project Management/Oversight	\$900,000	TOTAL	\$3,053,426
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Staffing/Project Management/Oversight	\$900,000											
TOTAL	\$3,053,426											
4.	<p>How many predators have been destroyed as a consequence of this project?</p> <ul data-bbox="241 995 640 1027" style="list-style-type: none"> <li>Please break down by animal.</li> </ul>	<p>LINZ reports to the Jobs for Nature Secretariat on three environmental metrics related to pest and weed control. For the South Canterbury High Country Project (DOC Twizel) project we report on one of these metrics. The metrics reported to the Jobs for Nature Secretariat include pest and weed control by area, not by individual numbers of animals and weeds killed as per the table below:</p> <table border="1" data-bbox="1025 1134 1955 1206"> <thead> <tr> <th data-bbox="1025 1134 1579 1174"><b>Metric</b></th> <th data-bbox="1579 1134 1955 1174"><b>Area (ha) (at 31/03/2023)</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="1025 1174 1579 1206">Area Of Animal Pest Control Completed</td> <td data-bbox="1579 1174 1955 1206">72,605</td> </tr> </tbody> </table>	<b>Metric</b>	<b>Area (ha) (at 31/03/2023)</b>	Area Of Animal Pest Control Completed	72,605						
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