

Freshwater Improvement Fund

Quarterly Report

Financial Year 23/24

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Organisation: Colville Junction

Project name: Moehau ki te moana

Deed number: 24459

Project ID: FIF2035

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Official Information Act 1982

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Introduction

This report provides the Ministry for the Environment with information about how the delivery phase of your project is going.

Your report should be submitted within four weeks of the end of the last quarter of the financial year (ie, within four weeks of 30 June), unless otherwise agreed with your fund analyst.

The document is suitable for sharing with governance groups for approval purposes, and auditors for auditing purposes.

Please note, this information in this report has been exported from information provided in the Enquire reporting portal. However, it does not include any other uploaded documents such as deliverables/evidence of activity competition or the Summary of Expenses (for those who require one). This should be provided separately to aid in the assessment of the full report. It also currently doesn't include the Work Plan section which provides a breakdown of the projects progress, budget, and expenditure per activity. This can be downloaded in Enquire separately in an excel format.

Once the Ministry for the Environment is satisfied that your report meets the deed funding requirements, your assigned analyst will arrange payment (if applicable) with the Ministry's finance department.

Key Project Indicators

	Red	Amber	Green
Timeline	Project is behind schedule and likely to be delivered late. Project will require re-baselining.	Project is behind schedule but has realistic plans to recover.	No slippage against timelines.
Budget	>10% increase in costs against budget or >10% underspends.	<10% increase in costs against budget or <10% underspends.	Project costs are on budget.
Objectives	If issue(s) are not resolved more than one project objective will not be fully achieved by project end.	Experiencing some issues that could result in not all objectives being achieved – but plans are in place to mitigate.	>100% project objectives will be delivered.
Results – Outcomes	If issue(s) are not resolved most of the stated results/outcomes will not be delivered.	If issue(s) are not resolved some of the stated results/outcomes will not be delivered.	All results/outcomes are on track to be delivered during or post project.
Capability and Capacity	There are significant skill shortages, or lack of resources that are impacting project significantly on project's ability to deliver.	There are significant skill shortages, or lack of resources that are impacting project significantly on project's ability to deliver.	The project is full resourced, and there are no major skill gaps on any of the workstreams.
Risks and Mitigations	Major risks have been identified that are likely to cause severe impacts to project delivery if not adequately addressed. Mitigations are not achievable or currently implemented.	Identified risks and most mitigations have been actions. Risks have the potential to overwhelm the project if not adequately addressed.	Identified risks and mitigations have been actions. Risks are considered low severity to project delivery and low likelihood of occurrence.

	RAG Status	Context	Rectification
Timeline	Amber	Our Project is currently behind schedule due to a number of factors. The recent severe weather events (4 storm and 2 cyclone events from November to March) have setback our fencing and thus planting schedules, with farmers needing to use this time to repair existing infrastructure and unable to fence due to weather conditions. Covid still disrupts our supply chain of materials, causing increase in costs and labour shortages. In addition, the late signing of our Deed of Contribution meant that we were behind schedule from the start, as we had missed our initial window for fencing and water reticulation installation. This then reduced the amount of planting that was able to be carried out, thereby delaying the Project as a whole.	We are working with our farmers to prioritize completion of all water reticulation installation and areas of fencing where planting is required. We have completed a change request (now approved) to shift some deliverables to Year 4 and 5 to compensate for these disruptions. Overall, we feel confident we can achieve our objectives by the end of the project.
Budget	Green	The Project budget is underspent due to a number of factors. We were initially set back by the delay in Deed signing which meant that money allocated for fencing and associated planting was unable to be spent as planned. In addition, we have had a number of significant weather events, particularly over summer and autumn (6 in total as of 17th Feb). These have delayed fencing and the remainder of water reticulation installation for most farmers. Many farmers had to focus on repairing existing infrastructure rather than creating additional fences. Significant roading infrastructure has been affected in the region, leading to some roads becoming inaccessible, thereby affecting transportation of both materials and labour support.	As always, we are in constant communication with the farmers involved in our project. Our coordinators are always seeking opportunities for the coordination of resources and bulk-buying efforts where appropriate. Although we are behind in spending, our farmers are continuing to make advances where possible. The remainder of our budget (outside of fencing and water reticulation) remains on track, with our coordinators working hard to ensure all environmental monitoring continues as planned, as well as both seminars and community events. The recent weather events we have experienced are part of a larger conversation we are currently having with MfE to prioritise how and when our budget is spent. We now have an approved change request to shift some of our funding for fencing from year 3 to year 4 and 5 of the Project. We are also looking to increase funding (from within our budget) to support more flood-resilient fencing.
Objectives	Amber	Almost all Project Objectives are on track to be achieved. The major objective that is facing challenges with completion is that of planting. This is due to a change of	We are currently in communication with landowners to find additional locations to add plants.

		<p>fencing type for one landowner (to 2 wire), allowing sheep to access the previously earmarked planting areas. This is as per stock exclusion regulations.</p> <p>Please see Risk Management tab for more details.</p>	
Results - Outcomes	Amber	<p>The project is at risk of not achieving all planting outcomes due to restrictions from farmers personal budgets and a change of mind regarding fencing type. Changing to 2 wire for one farmer means they can no longer plant this site as they will be running sheep (as allowed under current stock regulation legislation).</p>	<p>We are currently in conversation with potential new landowners to bring on to the project to plant riparian areas on their properties.</p>
Capability and Capacity	Amber	<p>It is proving very challenging to find reliable fencers that are able to complete fencing on the more isolated and difficult terrain on some of the farms involved in this project.</p>	<p>We are working closely with our farmers to connect the network of possible fencers. This will continue to be an issue due to our isolation and the shortage of workers since Covid. Our regular communication with other projects of similar scope will also hopefully assist us in finding skilled workers.</p> <p>We have also been in contact with fencing contractors through Tūhono Taiao.</p>
Risks and Mitigations	Amber	<p>Currently, we have an increased risk of reduced buy-in for planting. There is one landowner in particular, who is looking to significantly reduce the amount of planting they are willing to do, as a result of changing fencing type (please see risk management tab for more details).</p> <p>One of the risks over which we have very limited control, is the weather. With such heavily water-logged soils, rivers and streams running constantly at capacity (or beyond) and a consequential reduction in farming production, the weather plays a significant role in the success of the Project within the timeframe.</p>	<p>We are currently in discussions with additional landowners to bring them on board the project.</p>

Overall Project Rating	Amber	Overall, we are on track for completion of the Project and achievement of most objectives. The major objective under threat is that of planting. The remainder of the Project is on track for success.	We are attempting to bring more landowners on board to support the shortfall in planting. We will continue to evaluate this situation as we progress and will remain in constant communication with our project Analyst.
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Progress Details

Progress to date	
Date Reported	Progress Statement
30/06/2022	<p>The Moehau ki te Moana Project Coordinators have been working to progress their deliverables this quarter, particularly to encourage and support landowners to progress on farm-works and purchases. The following is an update on key progress that have been achieved since our Quarter 3 Report:</p> <ul style="list-style-type: none"> • Quarter 3 report submitted and approved by Ministry for the Environment • Annual Work Plan Year 2 submitted • Successful Colville Beach Clean Working Bee undertaken on 16th April 2022 • 4000 native trees planted with another 5000 scheduled planting in Y2, Q1 • Regular publications in local newspapers Pānui and Coromandel Chronicle • Regular meetings with Ko Moehau ki Tai Project Manager s 9(2)(a) and wānanga leader s 9(2)(a) of Pare Hauraki • Continued meetings and relationship building with landowners. Regular communication to support progressing each aspect of the project • Water reticulation activities: 2 x water tank installation and 25 troughs, pipe and associated fittings purchased and installed. • Catchment Group Seminar successfully delivered in conjunction with NZ Landcare Trust on May 10th 2022 in Whitianga • Freshwater SHMAK monitoring workshop/seminar was successfully delivered at Driving Creek Railway Conservation Park on 22 June 2022 • Ongoing updating and management of budget • One volunteer completed First Aid training in May 2022 on behalf of the Project • Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Final pest management reports submitted with this report. • Moehau ki te Moana facebook page updated, friends invited and posts generated including pictures from our April working bee and SHMAK workshop • Environmental Monitoring continued. SHMAK contractor monitored 9 sites across Northern Coromandel • Regular meetings were held with s 9(2)(a) (CHC Nursery Manager) and Elaine Iddon (Waikato Regional Council - WRC) and s 9(2)(a) (Landcare) to discuss planting requirements and landowner agreements with WRC. • Data gathered from landowners on employment numbers for Jobs For Nature. <p>This is a five year project which has just completed the 4th and final quarter of Year 1.</p> <ul style="list-style-type: none"> • Overall, the project is behind schedule due to delays in signing the Deed with the Ministry for Environment and Covid-19 pandemic restrictions. With the late signing, the fencing for the project was delayed and therefore the planting was unable to really commence in the planned planting season. To mitigate the impact of the delay the project team is forward planning to ensure that we better understand where activities need to be shifted. Priority will be given to

	<p>fencing and water reticulation activities over the next quarter so planting can continue in the fenced areas.</p> <ul style="list-style-type: none"> ● Overall, the project is underspent against the allocated budget for the 2021/22 financial year. This was to be expected due to the delays with signing the Deed with the Ministry for Environment and Covid-19 pandemic restrictions. To mitigate this underspend the project team has ensured that all activities that could be completed this year were completed. ● Challenges facing the project are largely centred around the ever-increasing problems associated with the Covid-19 pandemic. This has created supply shortages, an increase in material costs and transport and delays in materials as well as staffing and labour challenges. To further mitigate these delays the team are in regular contact with landowners and continually building these relationships on which the success of the project centres. This continual communication allows the team to navigate through covid-19 related delays in order to best support the progressing of each aspect of the project. We have encouraged and supported farmers to purchase materials ahead of time, sharing promotions on materials and keeping up constant communication to identify any further issues ahead of time. <p>Additionally, our project coordinators, landowners and community have been severely affected directly by illness. However, our project is making gains in this area with group meetings becoming more possible. The project has managed to achieve two seminars and a working bee in the past</p>
30/09/2022	<p>The Moehau ki te Moana Project Coordinators have been working to progress their deliverables this quarter, particularly to encourage and support landowners to progress planting and on farm-works and purchases. Further planting has been undertaken for areas already fenced and some additional fencing completed this quarter. Wet weather has played a significant role in site access and transportation of plants for planting, meaning this has taken longer than anticipated. The following is an update on key progress that have been achieved since our Year 1, Quarter 4 Report (Annual Report):</p> <p>An additional 6,401 native plants in the ground</p> <p>Additional 318m fencing completed this quarter</p> <p>3 x culverts and associated water reticulation equipment purchased by one farm</p> <p>1 x electric fence unit and fencing materials purchased by one farm</p> <p>1 x workshop paid for (completed in Q4)</p> <p>Project site visit from Devina Shetty, Project Analyst from Ministry for Environment on Friday 19th August. MKTM Project team hosted Devina and provided a field trip to view progress, and introductions to key personnel from the Project.</p> <p>Regular meetings with Ko Moehau ki Tai Project Manager and wānanga leader as conservation partners, Pare Hauraki Collective</p>

2 x working bees held in partnership with Colville Harbour Care Nursery on Saturday 3rd September and Saturday 17th September. These are 'potting parties' that involve filling pots ready to be sowed with seed. These plants are then grown for planting as part of our Moehau ki te Moana Project.

Plant swap with Ngāti Maru native plant nursery in Thames (iwi nursery)- swapping 1000 mānuka plants for 1000 Carex plants (sedge species), and 618 cabbage trees for Carex plants.

Quarterly meetings held with landowners to discuss progress and planning.

Challenges with engagement in the Project by one landowner. A plan has been put in place with additional smaller milestones and communication to keep engagement high. This landowner has been making gains in purchasing equipment and follow up is planned to ensure work is completed within the agreed timeframe.

Regular publications in local newspapers Pānui and Coromandel Chronicle

Regular meetings were held with s 9(2)(a) (CHC Nursery Manager) and Elaine Iddon (Waikato Regional Council - WRC) to discuss planting requirements and landowner agreements with WRC.

Environmental Monitoring continued. Marine Metres Squared (MM2) monitoring completed by contractor as per the Environmental Monitoring Plan.

Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Updated pest management report submitted with this report.

Tree monitoring contract signed with contractor in August.

Updated bird monitoring contract signed with contractor for Bi-annual Bird Counts deliverable

Moehau ki te Moana facebook page updated, friends invited and posts generated including pictures from our two September working bees.

Attendance at Ministry for Environment training sessions regarding the new management system, Enquire.

Registration with the Ministry for Environment's management system Enquire.

Attendance at online webinar on "Enhancing Drainage Ditches for Biodiversity and Water Quality" by s 9(2)(a) from NZ Landcare.

01/01/2023	<p>The Moehau ki te Moana Project Coordinators have been working to encourage and support landowners to progress on farm-works and purchases. The following is an update on key progress that have been achieved since our Y2, Q1 report:</p> <ul style="list-style-type: none"> *An additional 371 native plants in the ground *Additional 674m fencing completed this quarter *4 x troughs and 2 x water tanks(1 X 25,000 litre and 1 x 30,000 litre) purchased and due for installation once ground allows *200m pipe and additional water reticulation equipment purchased by one farm <p>Fencing materials purchased by two farms</p> <ul style="list-style-type: none"> *Arranging for s 9(2)(a) to present the findings of his book “Pathways of the Birds” as a seminar event for MKTM Project. Liaison with s 9(2)(a), Foragers Kitchen as venue and Ko Moehau ki Tai to secure a date of Friday February 17th. Advertisement poster created and sent to Coromandel Chronicle for publication in the January edition. Published in the December edition of Pānui. *s 9(2)(a) both recently attended the New Zealand Plant Conservation Network (NZPCN) conference in Queenstown from 4th-6th December. The focus for this year’s conference was ‘Restoration Ecology’, and covered a broad range of topics from the more social and cultural aspects of restoration to the biological details of restoring biodiversity and native ecosystems. As part of the conference, they both attended a workshop at a local community native plant nursery, with the workshop focussed on setting up a nursery and the propagation of native plants. *Designed, printed and presented an A0 size poster as part of the NZPCN conference. This poster presentation generated many positive interactions and discussions with delegates; several of whom are involved in Jobs for Nature projects. *Regular meetings with Ko Moehau ki Tai Project Manager s 9(2)(a) and wānanga leader s 9(2)(a) of Pare Hauraki. *Regular publications in local newspapers Pānui and Coromandel Chronicle. *Regular meetings were held with s 9(2)(a) (CHC Nursery Manager) and Elaine Iddon (Waikato Regional Council - WRC) to discuss planting requirements and landowner agreements with WRC. *Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Updated pest management report submitted with this report. *Tree monitoring completed for sites planted as part of the project. Tree survival data collated and photo monitoring points established. Tree Monitoring Report included in supporting documents. *Bird Monitoring undertaken at Northern and Southern sites as well as flocking sites. Report completed and included in supporting documents. *Marine Metres Squared Monitoring Report completed and submitted by subcontractor s 9(2)(a). Report with findings is included in supporting documents.
31/03/2023	<p>Year 2, Quarter 2 report submitted and approved by MfE.</p> <p>Meeting held with our MfE Analyst Devina Shetty on Tuesday 4th April (following her attendance at the previous Trust meeting) to discuss the implications of the recent cyclones on the project. We highlighted the issues that we are facing post-cyclone (as discussed in an earlier report to the Ministry), and then discussed the options we have with regards to shifting our goals for the project in light of these. There are a few farms in particular where fencing the riparian margin is becoming extremely challenging, and we are looking to reduce the amount of fencing required</p>

overall and to use this funding to further boost flood resilient fencing for the project. We have presented Devina with a written summary of this request and she is currently discussing this with her managers. She has advised us of her initial support and that this will form part of a future Change Request.

No fencing has been completed this quarter as a result of the cyclones and damaging weather events. Some fencing has begun and will be reported on in Quarter 4.

Marine Metres Squared Monitoring completed by Beth Pearsall.

s 9(2)(a) attended and supported an e-DNA testing event to analyse water quality and species presence at Karuna Falls and Waikawau Valley on Friday March 10th. This testing demonstration was presented by s 9(2)(a) from NZ Landcare and was attended by local residents of Karuna Falls.

Site visit undertaken by s 9(2)(a) to two of the farms on our Project near Port Jackson. This visit was in conjunction with WRC representatives and was aimed at seeing how we can further support our farmers, view first-hand some of the damage sustained, and start the kōrero about how to manage the project moving forward. The farms had experienced loss of fences, large slips and obviously road damage and access restrictions. These conversations help to inform us of changes we may need to make to our current agreement with MfE (whether that be an extension of time, request for funding alteration etc.).

Re-arranging for s 9(2)(a) to present the findings of his book "Pathways of the Birds" as a seminar event for MKTM Project. The new date for this is Thursday April 13th at 6pm. This new date is during the school holidays and it was ensured that this date and time suited our iwi partners at Ko Moehau ki Tai. The event will now be held at the Colville Memorial Hall and Notification of the event has been sent out via email, posted at the Colville Store, as well as on multiple local facebook pages and the MKTM facebook page.

Tree Monitoring due to be undertaken in mid-April for the Autumn monitoring season.

Working bee was completed on Saturday 4th March at the Colville Harbour Care Nursery. Damage sustained from the cyclones meant that additional potting was required, as well as the division of sedge plants for streamside planting. Plant loss has also been sustained due to the extent of unseasonal summer rain. Event was attended by a small but dedicated group that achieved the goal for the day. Poster created and event advertised in local shops, the local Pānui (newspaper) as well as on facebook.

Regular meetings were held with s 9(2)(a) (CHC Nursery Manager) and Elaine Iddon (Waikato Regional Council - WRC) to discuss planting requirements with the nursery and regional government support with WRC.

Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Updated pest management report submitted with this report.

	<p>Small Mammal Index (SMI) monitoring has been completed for March by Nathan McCauley.</p> <p>Moehau ki te Moana facebook page updated, and posts generated regarding our upcoming events.</p> <p>Article written for the February and March editions of Coromandel Chronicle and Pānui discussing the effects of the cyclones and advertising the new date of our event with s 9(2)(a) .</p> <p>s 9(2)(a) is currently compiling a detailed report on the effects of the recent extreme weather events, particularly from Cyclone’s Hale and Gabrielle. This detailed report is being developed in response from a request from the MfE to summarise the effects and detail the challenges faced by our farmers in wake of these events, and includes photographs of some of the damage sustained. The recent weather has devastated our roading network and created significant damage to tracks, infrastructure and native plants on farms involved in the MKTM project. The effects of the multiple severe weather events experienced here in the Northern Coromandel will bear additional pressure onto farmers as they now attempt to repair fences, roads and infrastructure.</p> <p>1 x water tank and associated water pipe purchased for one farm.</p> <p>Re-arranging for s 9(2)(a) to present the findings of his book “Pathways of the Birds” as a seminar event for MKTM Project. The original 17 February date had to be rescheduled due to Cyclone Gabrielle. As the event was postponed only days beforehand, there was a significant amount of time spent organising the event and then postponing it. Liaison with s 9(2)(a), venue operators and Ko Moehau ki Tai was undertaken to secure a new date. The date allows for the roading network to be repaired further, and to maximise the number of attendees. Notification of event postponement was sent out via email, posted at the Colville Store, as well as on multiple local facebook pages and the MKTM facebook page.</p> <p>Recent meetings were held with Ko Moehau ki Tai Project Manager s 9(2)(a) and wānanga leader s 9(2)(a) of Pare Hauraki to discuss collaborative learning opportunities and development of the list of tohu. Meeting arranged for Thursday April 13th with Jamie from Pare Hauraki to further progress the list of tohu and how we can collectively integrate the monitoring into our projects.</p>
01/04/2023	<p>Year 2, Quarter 3 report submitted to the Ministry for the Environment (MfE) via the new online Enquire reporting system. Report approved.</p> <p>Completed an Assessment of Cyclone Impacts for MfE.</p> <p>Submitted our Year 3 Annual Work Plan at the end of May to MfE for approval; finalising the Final Annual Work Plan due 31st July.</p> <p>We have been in regular communication with our MfE Analyst Devina Shetty discussing our proposal to decrease the amount of fencing required as a result of the impacts of the Cyclones. We are currently preparing a draft Change Request to reduce our fencing by 8km. As part of this proposal, we have re-negotiated with one landowner to remove the fencing from their agreement (a total of 3km fencing). Another farmer has changed from riparian to wetland fencing as riparian fencing is becoming increasingly untenable on these Port Jackson coast properties due to consistent washouts. The funding from the fencing will be put towards more flood-resilient fencing materials and supporting the rising increases in fencing costs.</p>

	<p>MKTM proudly hosted s 9(2)(a) on Thursday 13th April as he presented the findings of his book “Pathways of the Birds” as a seminar event for our Project. Guest speaker s 9(2)(a) also shared an inspiring kōrero on her experience aboard a waka sailing from Aotearoa to Rapa nui. The event was held at the Colville Memorial Hall and was at capacity with 51 attendees. Notification of the event was sent out via email, posted at the Colville Store, as well as on multiple local facebook pages and the MKTM facebook page.</p> <p>Meeting held with s 9(2)(a) from Pare Hauraki to further progress the list of tohu on Thursday April 13th. The kōrero determined how we can collectively integrate the monitoring into our projects.</p> <p>Attendance by s 9(2)(a) (MM2 contractor) and s 9(2)(a) (Nursery Manager) at Ko Moehau ki Tai (KMkT) wānanga held at Te Paea marae on 19th and 20th May. s 9(2)(a), Project Manager, has also had a few meetings and conversations with s 9(2)(a) and s 9(2)(a) (KMkT Manager) to discuss the kaupapa and negotiate year 3 deliverables in our contract with Pare Hauraki.</p> <p>s 9(2)(a) (pest manager) represented our Project at the recent ‘Pestival’ held at Driving Creek in Coromandel Town on Saturday 6th May. This event was very well attended and provided great exposure for MKTM.</p> <p>Bird Monitoring completed by contractors s 9(2)(a) for winter. This is ordinarily completed in May but was delayed to the beginning of June (3rd and 4th June) due to poor weather conditions and sickness.</p> <p>Tree Monitoring completed for the Autumn monitoring season by contractor s 9(2)(a). The report shows the effects of the recent cyclones and extreme weather events on our Project’s planting. Overall, the planting survived reasonably well, although there are significant sections of streambank that have collapsed into the awa. Plants have thus been lost from these areas, together with smothering of some plants in other areas by both debris and kikuyu grass.</p> <p>Plant numbers finalised for the planting season, based on the plants available this year.</p> <p>Planting plans developed for each planting site and training provided for new tree planters. Planting commenced at three different planting sites.</p> <p>SHMAK testing has been completed for this year, and included a volunteer training opportunity for Coromandel Area School where s 9(2)(a) taught students the testing regime.</p> <p>Regular meetings were held with s 9(2)(a) and Elaine Iddon (Waikato Regional Council - WRC) to discuss planting requirements with the nursery and regional government support with WRC.</p> <p>Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Updated pest management report submitted with this report.</p> <p>Moehau ki te Moana facebook page updated, and posts generated regarding our upcoming events.</p> <p>Article written for the June edition of Coromandel Chronicle and Pānui speaking to our event with s 9(2)(a).</p>
10/10/2023	<p>Change request recently approved by MfE. The change includes a reduction of fencing by 8km, as well as a readjustment of plant numbers to represent the accurate figure proposed to be planted. As part of this proposal, we have re-negotiated with one landowner to remove the fencing from their agreement (a total of 3km fencing). Another farmer has changed from riparian to wetland fencing as riparian fencing is becoming increasingly untenable on these Port Jackson coast properties due to consistent washouts. The funding from the fencing will be put towards more flood-resilient fencing materials and supporting the rising increases in fencing costs.</p>

An additional landowner at Waikawau Bay has joined the project. The area of land was recently purchased from another farmer who is part of the project already, and was destined to be fenced and planted. The new landowners have extended the protected area, and have fenced a portion of wetland ready to be planted. Planting at this site is underway but will be reported in the next quarter. A new landowner agreement has been created and signed to cover this year's mahi. A variation to this agreement will be created in the near future to capture fencing and planting plans for the next two years.

Planting plan created for new planting zone at Waikawau Bay and plant redistribution and nursery inventory finalised.

Meeting held with s 9(2)(a), from QEII National Trust, with another potential new landowner to the project. Currently being investigated as to whether we can provide support.

Planting being finalised at three locations across two farms.

Potting Party held on Saturday 9th September in conjunction with Colville Harbour Care Native Plant Nursery. This successful event was attended by 20 volunteers and greatly supported the potting and replanting of plants for next season.

Awaiting information from one landowner to finalise redistribution of additional funds to farmers where flood-resilient fencing is required.

Plant numbers being finalised for the next planting season.

Freshwater and stream health workshop held at Colville School by s 9(2)(a) and s 9(2)(a) to educate students on stream biodiversity, health and monitoring techniques.

Measuring of new fence lines.

MM2 Monitoring completed for winter by Beth Pearsall.

Articles written for both the Coromandel Chronicle and Pānui for both September and October.

Moehau ki te Moana facebook page updated, and posts generated.

Moehau ki te Moana Instagram profile updated and posts generated.

Regular meetings were held with s 9(2)(a) and s 9(2)(a) and Elaine Iddon (Waikato Regional Council - WRC) to discuss planting requirements with the nursery and regional government support with WRC. Regular communication was maintained with Pare Hauraki.

Continued pest management including monthly service of 357 rat/mouse traps and 66 possum traps. Updated pest management report submitted with this report.

Planned Activities

Period Planned	Commentary
31/12/2022	<ul style="list-style-type: none"> *Fencing and purchase of fencing equipment to be continued on all of the 7 farms *Continued installation of up to 2 water tanks *Continued purchase and installation of up to 5 troughs *Seminar featuring S 9(2)(a) on Friday 17th February *Marine Metres Squared (MM2) Monitoring Site visits to landowners (ongoing) GPS of fence lines, as they are completed
01/07/2023	<ul style="list-style-type: none"> Fencing and purchase of fencing equipment to be continued on all of the 7 farms Continued purchase and installation of up to 1 water tank Continued purchase and installation of up to 5 troughs Seminar featuring S 9(2)(a) to be held April 13th SHMAK Testing scheduled for April Meeting with S 9(2)(a) to progress list of tohu - April 13th Quarterly report due April 30th Draft Annual Work Plan for Year 3 due to MfE by May 31st Bird Counts start in May Site visits to landowners (ongoing) GPS of fence lines, as they are completed Attend waananga with Pare Hauraki on May 20th/21st Planting plans to be developed for planting sites this season Planting begins June 2023
01/07/2023	<ul style="list-style-type: none"> Site visits to landowners (ongoing). GPS of fence lines, as they are completed. Managing planting at three different planting sites using planting plans. Supporting the nursery with distribution of plants. Finalising Change Request to support redistribution of funds for flood-resilient fencing. Finalising Annual Work Plan due 31st July. Planning, promoting and holding 2 x working bee's at the Nursery ("potting party") for August and September 2023. Site visits to landowners (ongoing).
01/10/2023	<ul style="list-style-type: none"> Redistribution of funds required to be finalised for flood resilient fencing. Tree Monitoring to be completed by end of December. Bird Counts to be undertaken in November and final report due end of December.

	<p>Potting Party at Colville Harbour Care Nursery for Saturday October 7th</p> <p>Environmental Monitoring Workshop to be held at Tairua School in late October.</p> <p>Fencing and purchase of fencing equipment to be continued</p> <p>Continued purchase and installation of up to 1 water tank</p> <p>Continued purchase and installation of up to 7 troughs</p> <p>Planting to be completed at the new Waikawau site.</p> <p>Site visits to landowners (ongoing)</p> <p>GPS of fence lines, as they are completed.</p>
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Results - Indicators

Metric	Total project target	Total project results (excluding this quarter)	This quarter's forecasted result per Annual Work Plan	This quarter's result	Comments
FW - Number of people-hours worked	32,005.00	15,115.30	2,000.00	1822	null
FW - Number of employment starts	0.00	42.00		2	null
FW - Number of people currently employed	0.00	74.00		10	null
FW - Number of people in formal training	0.00	3.00		0	null
FW - Number of people completed formal training	0.00	1.00		0	null
FW - Number of NZQA credits earned	0.00	3.00		0	null

FW - Funding paid on wages	947,956.00	458,019.22	65,952.40	42922.80	null
FW - New fencing constructed or existing fencing maintained	29.00	7.09	1.00	0.7	A total of 703m of fencing was completed this quarter. As winter is not a particularly suitable time for fencing, minimal fencing was anticipated to be completed this quarter.o
FW - Area of riparian or lake or wetlands planting completed	7.62	6.78	2.43	2.45	2.453ha has had planting completed as part of the project this quarter. There are other areas that have been planted, but were not quite completed in time for the end of the quarter. These will be reported on in Q2.
FW - Area of animal pest control completed	120.00	90.00	10.00	10	Area of animal pest control completed as proposed.
FW - Number of plants planted in riparian or lake or wetland areas	63,917.00	20,616.00	10,500.00	7000	A total of 7000 plants were planted this quarter. We were slightly short of our target number of plants this quarter as planting was not quite completed in time. The remainder will be reported on in Q2.

Methodology for Nature based employment

We would prefer you to use actual counts for nature based employment. If you are unable to provide actual figures, please explain below your methodology for calculating nature based employment

For people employed each quarter we use actual counts of people employed by our MfE project. We calculated the number of hours worked by using data collected from all individuals employed to undertake work on our MfE Jobs for Nature funded project during the previous quarter. We have included staff, contractor and landowner hours spent to progress the project's deliverables.

Quarterly Payment Request

Financial Year	Your actual cash contribution	Other co-funder actual contribution	MfE actual contribution	Total actual cost this quarter	Your proposed contribution next quarter	Other co-funder proposed contribution for next quarter	Unspent MfE funds this quarter	Amount Requested from MfE next quarter	Total proposed cost next quarter
FY 2023-2024 Q1	§ 9(2)(b)(i)								
Totals	§ 9(2)(b)(ii)								

Risk Register

Risk	Category	Impact	Impact Details	Likelihood / Severity	Mitigation	Residual Risk	Status	Justification
Covid 19 outbreaks delay work, extreme weather event destroys fences and plantings	Progress	Medium	Covid 19 outbreak: Delays in delivering project outputs Increase health and safety planning and implementation.	Medium / Medium	Health and safety planning for Covid-19 outbreak scenario.		Monitoring	
Force Majeure	Progress, Financial, Quality, Benefit	Medium	Weather: New works would be delayed while repair works completed Areas would need to be replanted More funding would be required to undergo repairs and replant	Medium / Medium	Extreme weather mitigation: Work in collaboration with landowners to erect fences that are suitable for terrain eg. 2 wire electric fences in flood prone areas. Using best practice planting techniques to ensure plants are well rooted. Grow plants larger to increase resilience to flooding.		Monitoring	We have experienced a force majeure with Cyclone Gabrielle and other storms of January 2023. We are working with MfE on solutions to the delays it has caused.
Iwi are unable to engage and/or not participating in the project.	Quality, Benefit	High	Mātauranga Māori is not well integrated into freshwater management.	Low / Medium	Providing a role for iwi within the project. Iwi involved in the planning of the project Actively seeking opportunities to engage and discuss pathways for collaboration with iwi		Action	
Landowners decline signing landowner agreement.	Benefit	Medium	An area of stock exclusion and riparian planting is not included.	Low / Low	Continue to maintain landowner relationships. Provide guidance and support to landowners should their financial position change. (Note: This project was initiated by landowners so risk is assessed as low.)		Action	
Landowners don't maintain fencing.	Benefit	Medium	Stock exclusion areas are not maintained.	Low / Low	Include responsibility to maintain in landowner agreements.		Monitoring	
Legislation for stock exclusion is repealed and landowners are reluctant to participate.	Benefit	Medium	Fewer km of fenced waterways and wetlands, fewer trees planted, fewer jobs created	Low / Low	Stakeholder commitment is high Landowners involved in all steps of the process from planning to implementation Stakeholder representation on advisory group Relevant data shared with stakeholders	Not meeting project deliverables	Monitoring	

Not enough skilled workers in the area to fill the roles required to deliver the project.	Progress	High	The project is unable to deliver all the outputs.	Low / Medium	Advertise the roles widely but prioritise local employment. Some roles are increases in current capacity rather than new roles. Providing training to upskill people into roles. Working closely with farmers to secure fencing contractors early Upskilling a local workforce to increase capacity is a core principle of the project.		Monitoring	
Project Manager resigns.	Quality, Progress	Medium	Relationship will need redeveloping between stakeholders and any new Project Manager Interrupted progress in achieving outcomes due to need to appoint and induct new manager and establish them in the position	Low / Low	Ensure strong support systems in place for Manager within the project team. Clear work plans in place and clear monitoring regimes and records. Focus on developing strong stakeholder / collaborative partnerships where stakeholders are active participants, means change in personnel does not mean project has lost its 'navigator'.		Monitoring	
We are unable to secure funding from other sources.	Financial	Medium	Unable to deliver all project deliverables in the last years of the project.	Low / Low	Continue to develop and maintain relationships with other funders. Deliver to project objectives.		Action	
Landowner disengagement with project.	Progress	Medium	There is a risk of disengagement with the project by one landowner.	Medium / Medium	The project coordinators are developing a mitigation plan to implement if the landowner remains unengaged with the project. Once all efforts to re-engage the landowner have been exhausted within a set timeframe, advice from MfE will besought. If the landowner is no longer part of the project. A possible option to meet project objectives is the redistribution of budget to other landowners to buffer the rising cost of fencing labour and materials and/or an increase in riparian planting for interested landowners.		Resolved	
Increased financial cost to landowners	Financial	High	This is inevitable given covid-19, inflation, price increases, labour shortages and the cost of haulage.	High / Medium	Increasing costs of materials and transport of materials means that landowners are contributing a higher percentage than originally budgeted for/proposed. The increased financial burden on landowners may mean that some activities become delayed. The project coordinators are attempting to mitigate this by engaging in regular		Action	

					<p>conversations with landowners to encourage and coordinate landowners to purchase items together in order to save costs on transport. The project coordinators have also made it very clear to landowners from the outset that there may be additional costs that they will have to bear, due to these rising prices. They have also reminded landowners that there will be no increase in the MfE contribution. Furthermore, a change request submitted to MfE in November was approved in December 2021 to mitigate some of these rising costs. Shifting some funds from water reticulation to fencing and slightly reducing the number of tanks required has allowed us to reduce the impact of rising costs on landowners. The resulting outcomes of the project remain unchanged and are likely to be positively enhanced through stronger fencing.</p>			
Legislative Changes reducing fencing requirements and thus affecting deliverables.	Other			/ Medium	<p>An additional risk that has been brought to our attention by one local landowner, are the legislation changes to stock exclusion fencing on low slopes recently proposed by MPI. We raised this issue in a meeting with our MfE representative (on 13/10/21) as it has the potential to impact our deliverables regarding the amount of fencing and therefore planting that will be required of two landowners signed up to our Project. Should this occur, we have plans to mitigate the shortfall in fencing by including another landowner into the Project and fencing off their wetlands. This has been flagged with our MfE representative already.</p>		Identification	Unlikely to occur in project timeline
Increased risk of not being able to deliver the total amount of fencing due to significant increase in fencing costs	Financial	High	The project coordinators have identified a new risk associated with the above risk detailing the rising cost of fencing. The risk is potentially not being able to deliver the agreed amount of fencing stated in the deed	High / Medium	<p>We have communicated this risk in each Quarterly report and been in communication with our analyst Devina Shetty. We are planning to look at ways to utilise our budget to best achieve our fencing objectives. We</p>		Action	We have shifted funding from water reticulation and from a landowner that is no longer completing fencing to others that were in dire need in the project. It is a satisfactory result so far.

			<p>unless other funding can be sourced. Very significant (and ongoing) increases to the cost of materials, transportation and labour are creating large shortfalls in our agreed budgets. We indicated an increase in fencing costs in an email to Devina Shetty in May 2022 between 15%-30%. We are currently facing cost increases of an even greater percentage, potentially over 45%. With increases such as these the overall fencing deliverable is at risk of not being met.</p>		<p>submitted a change request and farmer agreement amendments to reflect a shifting of funding from one landowner to others in the project, easing this issue immensely.</p>			
Landowner disengagement with project	Progress	Medium	<p>There is a risk of disengagement with the project by one landowner.</p>	Medium / Medium	<p>The project coordinators are developing a mitigation plan to implement if the landowner remains unengaged with the project. Once all efforts to re-engage the landowner have been exhausted within a set timeframe, advice from MfE will be sought. If the landowner is no longer part of the project. A possible option to meet project objectives is the redistribution of budget to other landowners to buffer the rising cost of fencing labour and materials and/or an increase in riparian planting for interested landowners.</p>		Resolved	<p>One landowner is no longer completing any fencing for the project and another landowner has changed the amount and area they are fencing.</p>
Increased risk of not being able to deliver the total amount of fencing due to significant increase in fencing costs	Financial	High	<p>The project coordinators have identified a new risk associated with the above risk detailing the rising cost of fencing. The risk is potentially not being able to deliver the agreed amount of fencing stated in the deed unless other funding can be sourced. Very significant (and ongoing) increases to the cost of materials, transportation and labour are creating large shortfalls in our agreed budgets. We indicated an increase in fencing costs in an email to Devina Shetty in May 2022 between 15%-30%. We are currently facing cost increases of an even greater percentage, potentially over 45%. With increases such as these the</p>	High / High	<p>We have communicated this risk in each Quarterly report and been in communication with our analyst Devina Shetty. We are planning to look at ways to utilise our budget to best achieve our fencing objectives. We submitted a change request and farmer agreement amendments to reflect a shifting of funding from one landowner to others in the project, easing this issue immensely.</p>		Planning	<p>We have shifted funding from water reticulation and from a landowner that is no longer completing fencing to others that were in dire need in the project. It is a satisfactory result so far.</p>

			overall fencing deliverable is at risk of not being met.					
Impact from Cyclones and extreme weather events	Progress, Financial	High	Extreme weather events are becoming more and more common in New Zealand, particularly in the Coromandel Peninsula. Because of the steep-sided catchments in our region, the effects of high rainfall can have an even greater impact. Fencing riparian areas can therefore be challenging as storms and high rainfall events can lead to flooding and the destruction of fences. In some areas, this can make permanent fencing untenable.	High / Medium	We are, where possible, trying to fund more flood-resilient fencing. This includes using thicker and longer posts and higher tensile wire. This does increase the cost of fencing however, so we are in discussion with our analyst to utilise our funding to support purchasing these.	For some landowners, the increased extreme weather events take a high financial and labour toll. The amount of time and money spent repairing fences after heavy rainfall means that riparian fencing may not be sustainable in these areas.	Action	
Potential changes to the amount of planting and type of fencing completed for the project due to farmer budget restraints. Changes to the type of fencing being used meaning sheep will be accessing stream (as per National stock exclusion legislation).	Progress, Benefit	Medium	As a result of financial constraints and the current economic viability of running sheep, we have one landowner that has decided they wish to change a significant portion of their remaining fencing from 7-wire to 2-wire. Due to legislative restrictions, sheep are not currently required to be excluded from stream/riparian areas and as such, these areas are no longer suitable to be planted. Ecologically, this is a significant reduction in environmental benefits, with stock able to access the stream, and the benefits of native planting (shade, bank stability, habitat provision etc). In turn, this means that we have a very significant reduction in the number of plants planned to go in the ground for the project.	Critical / High	We have already begun to mitigate this by bringing new landowners onto the project and approaching others that we know are interested in both fencing and planting riparian and wetland areas over the coming year. Our aim is to have these landowners on board by the end of the year so that any required fencing can be installed and plants ordered. We have also managed to convince some of our existing landowners to plant slightly higher numbers of plants along their streams.		Planning	We are in the planning stages to figure out how best to manage the planting numbers going forward. We are currently in discussions with landowners to sign up for planting and will move ahead with creating landowner agreements as and when possible.

Health and Safety activities completed

Reporting Period	Details of health and safety activities completed
30/09/2021	Training for both Project Coordinators has taken place. One Project Coordinator completed Essential First Aid training on Saturday 7th August with Red Cross at Auckland Training Centre. Certificate attached. The other Project Coordinator is a current Fire Service First Responder so has up-to-date and comprehensive First Aid certification. Health and Safety Risk Assessment Training Online Course completed 30 September through Wood Training by both Project Coordinators. Invoice and certificates of completion included.
31/12/2021	1 x Project Coordinator completed Outdoor PHEC course (Outdoor First Aid) with NZQA certification on December 7th & 8th. Certificate of completion provided in supporting documents.
30/09/2022	Health and Safety briefings completed. New contractors given H&S inductions and H&S forms signed by volunteers attending the two working bees held this quarter.
Year 2, Quarter 4	On 17/06/2023, s 9(2)(a) completed a First Aid Fire and Emergency - Emergency Medical Response Revalidation Course through the New Zealand Red Cross.
Year 3 Quarter 1	Health and Safety briefings completed. New contractors given H&S inductions and H&S forms signed by volunteers attending the working bee held this quarter.

Health and Safety incidents

Date of incident	Description	Location	Action taken and outcome	Reported to regulatory authority?	Follow up action taken
No details					

RMA Notices

Date	Issuer	Reason	Type of Notice
No details			

Capital Assets

Description	Capital cost	Portion paid for by MfE %	ID Number (if applicable)	Estimated purchase date	Restriction period end date
Water reticulation system. Estimated: 16 water tanks, 75 water troughs, 3 pumps, and associated water reticulation equipment.	210000	42			
CT2720 Cattle Trough 2720 ltr x18	10260	1		25/08/2021	25/08/2026
3256 McKee Culvert Pipe 1000mmx6m x1	2117.21	1		20/10/2021	20/10/2026
Polypipe 950 Series Marley 25mm x200m x1	351.38	1		03/11/2021	03/11/2026
Polypipe 950 Series Marley 32mm x200m x24	7930.44	1		03/11/2021	03/11/2026
Hydroflow Distributers Ltd various	1431.26	1		03/11/2021	03/11/2026

Tank Water Bailey Mist Green 30,000L x3	10137.67	1		17/11/2021	17/11/2026
WT25000K Water Tank 25,000L x2	5760	1		15/12/2021	15/12/2026
CT770 Cattle Trough 770 ltr x8	2240	1		15/12/2021	15/12/2026