

Agenda

Rārangi Take

Kaipara Moana Remediation Joint Committee
Thursday 1 December 2022



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Kaipara Moana Remediation Joint Committee Agenda

Rā Date:	1 December 2022
Tāima Time:	3.30pm – 4.00pm
Tauwāhi Location:	Bridge House Lodge, 16 Elizabeth Street, Warkworth
Ngā Mana whakahaere Members	Tame Te Rangi (Chair), Te Rūnanga o Ngāti Whātua Amy Macdonald, Northland Regional Council Cherie Povey, Ngā Maunga Whakahī o Kaipara Georgina Curtis-Connelly, Te Uri o Hau Greg Sayers, Auckland Council Jack Craw, Northland Regional Council Jane Sherard, Ngā Maunga Whakahī o Kaipara John Blackwell, Northland Regional Council Kerrin Leoni, Auckland Council Malcolm Welsh, Te Uri o Hau Virginia Warriner, Te Rūnanga o Ngāti Whātua Auckland Council Member, To be advised

Recommendations contained in the agenda are NOT decisions of the meeting. Please refer to minutes for resolutions.

For any queries regarding this meeting, please contact Kaipara Moana Remediation via the website <https://kmr.org.nz/contact/>

1	Karakia Whakataua	
2	Tahitahi Housekeeping	
3	Ngā Whakapahā Apologies	
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5.1 Confirmation of Minutes

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Joint Committee Hui
Kaituhi ripoata Report writer:	Sophie Bone – PA to Pou Tātaki and Governance Support

1 Te Kaupapa | Purpose

To table for confirmation the minutes of the Kaipara Moana Remediation Joint Committee Hui held on 15 August 2022.

2 Whakataunga | Recommendations

That the Joint Committee:

1. Confirm that the attached minutes of the Kaipara Moana Joint Committee Hui held on 15 August 2022 are a true and correct record of that meeting.

3 Pirihongi | Attachments

Attachment 1 – KMR Joint Committee Hui Minutes (15 August 2022)

Attachment 1 – Minutes of the Kaipara Moana Joint Committee Hui (15 August 2022)

Kaipara Moana Remediation Joint Committee Minutes

Meeting held remotely
on Monday 15 August 2022, commencing at 9.30am

Tuhinga (Present):

Tame Te Rangi (Chair), Te Rūnanga o Ngāti Whātua
Penny Smart (Deputy Chair), Northland Regional Council,
Amy Macdonald, Northland Regional Council,
Daniel Newman, Auckland Council,
Cherie Povey, Ngā Maunga Whakahī o Kaipara,
Georgina Connelly, Te Uri o Hau
Greg Sayers, Auckland Council,
Jane Sherard, Ngā Maunga Whakahī o Kaipara,
Malcolm Welsh, Te Uri o Hau,
Joce Yeoman, Northland Regional Council,

I Tae Mai (In Attendance):

Justine Daw – Pou Tātaki, Kaipara Maurikura	Ben Hope - Ringa-Pārongo Communications Lead, Kaipara Maurikura
Lisette Rawson - Amo-Rauora Kōawa Catchment Remediation Manager, Kaipara Maurikura	William Wright - Ringa-Hononga Mana Whenua Mana Whenua Relations Lead, Kaipara Maurikura
Ilka Pelzer – Ministry for the Environment (Observer)	Robyn Stubbing – Notetaker Kaipara Maurikura
Malcolm Nicolson – NRC CEO	Sandra Harris – KMR Administrator Kaipara Maurikura

The Chair declared the meeting open at 09.38am.

Karakia Tīmatanga and Whakatau

Secretarial note: Due to the current COVID-19 restrictions the meeting was conducted fully remotely. Joint Committee Members were advised and consented to proceedings being livestreamed and recorded in order to be open to the public - <https://youtu.be/kJ2t2kTtkps>.

Ngā whakapahā/Apologies (Item 1.0)

Moved (Sayers / MacDonald)

That the apologies from Virginia Warriner (Te Rūnanga o Ngāti Whātua) with, Georgina Connelly (Te Uri o Hau) Malcolm Welsh (Te Uri o Hau) and Daniel Newman (Auckland Councillor) for late connections be received.

Secretarial Note: Malcolm Welsh arrived 09.57am, Daniel Newman arrived 09.59am and Georgina Connelly arrived 10.46am

Carried

Ngā whakapuakanga (Declarations of Conflicts of Interest)

It was advised that members should make declarations item-by-item as the meeting progressed.

Confirmation of Minutes - Kaipara Moana Remediation Joint Committee 13

June 2022 (Item 4.1)

Report from Sandra Harris, Administrator Kaipara Maurikura

Moved (Smart / Povey)

That the minutes of the Kaipara Moana Remediation Joint Committee meeting held on 13 June 2022, be confirmed as a true and correct record.

Receipt of Action Sheet - August 2022 (Item 5.1)

Report from Sandra Harris, Administrator Kaipara Maurikura

Moved (Sayers / Yeoman)

That the Kaipara Moana Remediation Joint Committee Action Tracker be received.

Forward Workplan - August 2022 (Item 5.2)

Report from Sandra Harris, Administrator Kaipara Maurikura

Moved (Smart / Sherard)

That the indicative Kaipara Moana Remediation Joint Committee Forward Workplan be received.

Preliminary Year 2 Year-End Results (Item 6.1)

Report from Justine Daw, Pou Tātaki and Stephanie Versteeg, Amo-Rautaki Pākihi | Strategic Business Manager

1. That the report 'Preliminary Year 2 Year-End Results' by Justine Daw, Pou Tātaki and Stephanie Versteeg, Amo-Rautaki Pākihi | Strategic Business Manager and dated 5 August 2022, be received

Moved (Sherard / Sayers)

2. *Note* that audited year-end results for Year 2 of the Kaipara Moana Remediation (KMR) Programme are due to be submitted to the Ministry for the Environment by 31 October 2022.
3. *Note* there is an opportunity for KMR to use unaudited Year 2 results to demonstrate delivery against Deed of Funding performance targets and the rapid scaling-up of sediment reduction projects on an earlier timeframe.
4. *Note* the preliminary, unaudited Year 2 year-end results presented in this report, which will be communicated to Ministry for the Environment and others, as relevant.

Moved (Sherard / Smart)

Secretarial Note: Member Smart asked whether planting Year 2 was expected to increase in the current year, following last year's focus on fencing. The Maurikura responded that while there was some expectation of an uplift in planting in year 2 of KMR projects, the forthcoming regulatory drivers meant that landowners were likely to continue to prioritise fencing ahead of planting in the current year as well. Joint Committee members were informed the Maurikura will be moving to a regular cycle of marketing and campaigning over spring/summer fencing and site preparation and winter planting. Member Sherard enquired on any engagement with the southern Kaipara and non farming industry engagement around the Kaipara. Joint Committee members were informed discussions have taken place with further conversations required.

Conflict of Interest Management (Grants) (Item 6.2)

Report from Ben Hope, Ringa-Pārongo | Communications and Governance Lead

1. That the report 'Conflict of Interest Management (Grants)' by Ben Hope, Ringa-Pārongo | Communications and Governance Lead and dated 11 August 2022, be received.

Moved (Yeoman / MacDonald)

2. *Note that as Kaipara Moana Remediation provides grant funding for sediment remediation projects across the Kaipara Moana catchment, various perceived or actual financial interests may arise for Joint Committee members.*
3. *Note that Section 3 of the Local Authorities (Members' Interests) Act 1968 (LAMIA) effectively sets a total annual cap for each Joint Committee member or related party of NZ\$25,000 (inclusive of GST) in grant funding from any local government source.*
4. *Direct the Kaipara Maurikura to seek a dispensation from the Office of the Auditor General in respect of Section 3 of LAMIA, given the nature of KMR and the intent and terms of its founding Memorandum of Understanding.*
5. *Note that in the meantime the Kaipara Maurikura will apply additional conflict of interest management protocols for grant funding applications to meet LAMIA requirements.*

Moved (Yeoman / MacDonald)

Secretarial Note: Member Smart and Welsh abstained from voting and discussion.

Joint Committee members welcomed the conversation with the Auditor General to discuss the unique characteristics of the KMR programme. Member Sherard requested the report require more directive approach to this issue with an amendment to resolution 4 made.

Te Paiaka Preliminary Results (Item 6.3)

Report from Sarah Nolan, Technical Specialist Advisor

Moved (Smart / Connelly)

That the report 'Te Paiaka Preliminary Results' by Sarah Nolan, Technical Specialist Advisor and dated 9 August 2022, be received.

Secretarial Note: Member MacDonald asked if there had been any data collection on different species and their response to disturbance events, with the Auckland Council lead signalling this was one of several directions for potential future investigation. Joint Committee members were informed that the Maurikura is working with other parties to pilot on estuarine restoration project with similar aims and benefits. The Maurikura is also engaging with a national indigenous research provider with links back to the Kaipara. Member Smart queried if species that were effective in stabilising riverbanks would similarly stabilise hill country, and also what the impact of varying soil types had on stabilisation potential, with the response being that more work was needed in these areas to better understand these correlations. Member Povey acknowledged the mahi that has been undertaken. Joint Committee members were informed that while KMR was taking learnings from exotics trialled in America and Australia, root architecture and tensile strength for natives with potential to stabilise hill country was still to be examined.

Kōrero Tuku Iho (Item 6.4)

Report from William Wright, Ringa-Hononga Mana Whenua | Mana Whenua Relations Lead and Fiona Kemp, Environs Holdings Ltd Manager

1. That the report 'Kōrero Tuku Iho' by William Wright, Ringa-Hononga Mana Whenua | Mana Whenua Relations Lead and Fiona Kemp, Environs Holdings Ltd Manager and dated 9 August 2022, be received.

Moved (Povey / Smart)

2. Note that this report is an update on the Kōrero Tuku project and indicates the pathway and timeline for the programme.
3. Note that it is intended that a project manager to lead Kōrero Tuku Iho will be contracted by the end of August 2022, with a Reference Group to support the project initiated by end of September 2022.
4. Note that Kōrero Tuku Iho project development scoping is proposed to conclude in the first quarter of 2023.
5. That a further progress report on Kōrero Tuku Iho be provided to the Joint Committee by November 2022.

Moved (Smart / Connelly)

Secretarial Note: Apologies acknowledged for the absence of Fiona Kemp. Chair Te Rangi queried the timelines for the collection of data and integrity of each individual Uri Hapū, Iwi or Incorporation intellectual property of taonga species, and how provisions for this will take place. Following Joint Committee discussions, an amendment to resolution 4 was endorsed.

Soil Conservation Reference Group (Item 6.5)

Report from Stephanie Versteeg, Amo-Rautaki Pākihi | Strategic Business Manager

1. That the report 'Soil Conservation Reference Group' by Stephanie Versteeg, Amo-Rautaki Pākihi | Strategic Business Manager and dated 9 August 2022, be received.

Moved (Sherard / Connelly)

2. That the Terms of Reference for a Soil Conservation Reference Group (Attachment 1) be approved.
3. That the Maurikura be endorsed to establish a Soil Conservation Reference Group.

Moved (Smart / Malcolm)

Secretarial Note: Apologies acknowledged for the absence of Stephanie Versteeg.

Following Joint Committee discussions, an amendment to resolutions 3 and 4 was made to empower the Kaipara Maurikura to establish the Soil Reference Group.

Pou Tātaki Update (Item 6.6)

Report from Justine Daw, Pou Tātaki

1. That the report 'Pou Tātaki Update' by Justine Daw, Pou Tātaki and dated 5 August 2022, be received.

Karakia Mutunga

Whakamutunga (Conclusion)

The meeting concluded at 12.31pm.

6.1 Joint Committee Action Tracker

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Remediation Joint Committee Hui
Kaituhi ripoata Report writer:	Sophie Bone – PA to Pou Tātaki and Governance Support

1 Te Kaupapa | Purpose

To receive the Joint Committee Action Tracker.

2 Whakarāpopototanga / Executive summary

This report tables to the meeting a Joint Committee Action Tracker, which records actions still to be resolved from previous Joint Committee meetings.

3 Whakataunga | Recommendations

That the Joint Committee:

1. Receive the 'Joint Committee Action Tracker' report by Sophie Bone dated 1 December 2022

4 Horopaki | Background

It is a helpful record for both the Kaipara Maurikura and the Joint Committee to have visibility of outstanding actions, including to inform development of a forward schedule of work for the Joint Committee.

The Action Tracker complements the formal Joint Committee papers and minutes, both of which are published on the KMR website

5 Pirihongi | Attachments

Attachment 1 – Joint Committee Action Tracker (December 2022)

Attachment 1 – Joint Committee Action Tracker (December 2022)

Meeting Date	Ref#	Action	Who	Due	Status	Comments
13 June 2022						
Conflict of Interest Management (Item 6.2)	1	That a report on 'Conflict of Interest Management' be provided to the Joint Committee in August 2022, that offers alternative options including legal advice on how to manage Conflicts of Interest across the KMR Programme.	Justine Daw	August 2022	Closed	On Agenda (15 August)
21 April 2022						
Kaipara Moana Remediation COVID-19 Settings (Item 6.2)	2	That a further report on KMR COVID-19 policy settings be provided to the Joint Committee by August 2022	Justine Daw / Ben Hope	August 2022	Closed	On Agenda (15 August)
21 February 2022						
Catchment Reference Groups (Item 6.2)	3	That a report-back on progress to establish the Catchment Reference Groups be provided to the Joint Committee	Willie Wright	May 2022	Open	This report-back has been delayed due to slower than expected progress in this work area. We will identify an updated timeframe for report-back at the next Hui.
15 November 2021						
Procurement of the Kaipara Moana Remediation Freshwater Management Tool (Item 5.1)	4	That the Pou Tātaki develop a long-term agreement with Auckland Council (Healthy Waters) for hosting, operation and maintenance costs associated with the Kaipara Moana Remediation Freshwater Management Tool [FWMT]	Karina Marsom / AKL Council Healthy Waters team	Q4 2023 (TBC)	Open	Timing for this report-back depends on several factors, primarily finalisation of the KMR FWMT tool (now named Tātaki Wai) which is not due until November 2023 (TBC).

Note: Closed items will be removed from the table once they have been sighted by the Joint Committee

7.1 Joint Committee Meeting Dates 2023

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Joint Committee Hui
Kaituhi ripoata Report writer:	Ben Hope – Communications and Governance Lead

1 Te Kaupapa | Purpose

To table for acceptance the proposed Joint Committee Hui and Workshop dates for 2023.

2 Whakarāpopototanga / Executive summary

This report tables to the meeting the 2023 Joint Committee Calendar, which sets out a high-level view of Hui (formal meeting) and Workshop dates for the calendar year 2023.

The Calendar also indicates the expected venue for each meeting, as well as the standard items for discussion. A more comprehensive forward workplan for the Joint Committee will be tabled at the first meeting in 2023.

3 Whakataunga | Recommendations

That the Joint Committee:

1. Receive the 'Joint Committee Meeting Dates 2023' report by Ben Hope dated 1 December 2022
2. Note that Hui will be held in person at rotating locations across the Kaipara Moana catchment, including on marae in line with earlier commitments
3. Note that Workshops will be held online as per common Council practice and to reduce greenhouse gas emissions and the risks and costs of vehicle travel
4. Note that Hui will be held in a public forum, allowing a slot for guest speakers from the area to discuss relevant projects or issues of importance to them
5. Adopt the indicative dates for Joint Committee meetings in 2023 (Attachment 1)
6. Advise Kaipara Maurikura staff of any scheduling conflicts as soon as practicable.

4 Horopaki | Background

In the previous local government term, it was established that Mondays were the most suitable day for meetings to be held for the KMR Joint Committee as they did not conflict with other scheduled organisational commitments.

As established in the last term, KMR Hui will be held in person, and will be open to the public. We will continue to update diary invites with locations as they are confirmed.

While the confirmed structure of an in person on marae meeting will change with each location, the rough agenda for a KMR Hui is set out below:

- Pōwhiri

- Morning Tea
- Presentations / Kōrero on local projects and interests
- Hui commences

5 Whakawhiti kōrero | Discussion

The dates presented in the Joint Committee Meeting Dates 2023 (Attachment 1) were considered carefully by the KMR Leadership Team.

We propose to continue with Monday meetings for the KMR Joint Committee, as this day is likely to remain the most suitable day, as this does not conflict with other Council, Uri and organisational requirements. Please note that any significant changes to Uri or Council scheduling may result in changes to Joint Committee Meeting Dates in 2023.

In 2023, we have also scheduled KMR meetings so they do not fall on Public Holidays or during School Holidays as the Leadership Team understands school holidays are often a more logistically difficult time for parents, and this is also the case for some of the Maurikura.

The dates are also spread relatively evenly throughout the year, ensuring that there is always appropriate time for development of the work programme between meetings, as well as effective preparation for each meeting. Consideration has also been given to spreading dates across appropriate points within the year for reporting, audit and investment. For example, ensuring we meet close to each quarter of the financial year for Finance and Key Performance Indicator reporting, meeting at correct times for Audits, Investment decisions etc, as well as logically aligning major work programme milestones with these meetings.

In line with previous KMR Joint Committee decisions, all in-person KMR Hui will operate in line with the following COVID-19 protections:

- Participants do not attend in person if they are sick
- All those attending in person must return a negative RAT test that morning
- We will adhere to any additional requirements set by the meeting Host (e.g. marae requirements).

KMR will continue to provide sanitiser and masks, and will track attendance so we are able to efficiently inform attendees of any potential Covid exposure events.

We will endeavour to provide an online option for Hui. However digital connectivity can be poor in remote areas, and the expectation is that Joint Committee members will attend KMR Hui in person. Workshops will be held online through a digital channel and links will be included in all meeting invites. Workshops allow for early testing of emerging programme directions, as well as discussion of commercial and sensitive information, and are not open to the public.

6 Pirihongi | Attachments

Attachment 1 – Joint Committee Meeting Dates 2023

Attachment 1 – Joint Committee Meeting Dates 2023

Month	Date	Meeting	Time	Venue	Standing Agenda Items
February	Monday 27/02	Hui	9.30am - 3.30pm	Te Aroha Pā Marae TBC (NMWOK)	6 Month Report
March	Monday 27/03	Workshop	9.30am - 1pm	Online	Annual Plan (Draft) Risk
May	Monday 1/05	Hui	9.30am - 3.30pm	Ōturei Marae TBC (TUOH)	Annual Plan (Final) Risk
June	Monday 12/06	Workshop	9.30am - 1pm	Online	Interests Management
July	Monday 24/07	Hui	9.30am - 3.30pm	Marae TBC (Ngāti Whātua)	
August	Monday 28/08	Workshop	9.30am - 1pm	Online	Preliminary Year End results
September	Monday 18/09	Hui	9.30am - 3.30pm	Reweti Marae –TBC (NMWOK)	
October	Monday 30/10	Workshop	9.30am - 1pm	Online	Risk Annual Report (Draft)
November	Monday 27/11	Hui	9.30am - 3.30pm	Marae TBC (TUOH)	Annual Report (Final) Interests Management

7.2 Registers of Interests

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Joint Committee Hui
Kaituhi ripoata Report writer:	Ben Hope – Ringa-Pārongo Communications and Governance Lead

1 Te kaupapa | Purpose

To receive the respective Register of Interests for KMR Joint Committee members and the Kaipara Moana Leadership Team, and advise any revisions to the Joint Committee Register.

2 He rāpopoto hautū | Executive summary

A Register of Interests for KMR Joint Committee members is maintained and regularly reviewed by the Kaipara Maurikura. This paper tables a Register of Interests for the new set of Joint Committee members following the Local Government elections for noting and revising as needed. In addition, the paper tables for noting the Register of Interests for the Kaipara Moana Remediation Leadership Team.

3 Whakataunga | Recommendations

That the Joint Committee:

1. Receive the report 'Registers of Interests' by Ben Hope and dated 1 December 2022.
2. Note the KMR Joint Committee Members' Register of Interests (Attachment 1)
3. Note the KMR Leadership Team's Register of Interests (Attachment 2)
4. Advise any revisions to the Joint Committee Members' Register of Interests.

4 Horopaki | Background

All KMR staff, secondees and direct contractors are subject to the Northland Regional Council's Conflict of Interests policy, which records and manages real or perceived conflicts in line with local government good practice.

KMR Joint Committee members are also subject to this policy, which the Kaipara Maurikura implements through its management of Joint Committee processes as follows:

- Joint Committee members are required to complete a Conflict of Interests form upon appointment and advise any updates as interests change.
- An Interests Register for Joint Committee members is maintained and regularly reviewed, with the Kaipara Maurikura identifying to the Chair any Conflicts of Interest as part of run sheet development for each Joint Committee meeting.
- At Joint Committee Hui, the standard agenda includes a Conflict of Interests agenda item, and the Chair calls for Conflicts of Interest from members at the start of each meeting in order to manage these. Where a conflict is identified, the member may not participate in discussion, nor vote on, the relevant matter.

- In addition, other Northland Regional Council policies (e.g., Procurement Policy, Fraud Policy) and procedures (IT procedures, audit practices) also serve as a check and balance to ensure appropriate management of Joint Committee conflicts of interest.
- Some Joint Committee members are also subject to Auckland Council's Conflict of Interests policy, by dint of their representative role on the Joint Committee. This policy is comprehensive, and consistent with Northland Regional Council policy settings.
- Note that a separate process is employed in cases where sitting Joint Committee members or their close family or associates apply for KMR funding. This is an interim solution while KMR staff work directly with the Office of the Auditor-General (OAG) to work through the implications of the Local Authorities (Members' Interests) Act 1968 in respect of KMR, which has been set up under Council auspices, but which is funded via taxpayer (not ratepayer) monies, and which was established within a Treaty Settlement context. Once a decision has been made by the OAG, we will report back to the Joint Committee, including on implications for process management.

5 Tātari me ngā tūtohu | Analysis and advice

KMR Joint Committee members and the Leadership Team are both required to declare their interests to enable potential conflicts of interest to be appropriately managed as they arise.

5.1 Joint Committee Register of Interests

Note the KMR Joint Committee members' Register of Interests (Attachment 1). Any revisions are requested during the meeting so that the revised interests can be recorded, and the Register kept up to date.

5.2 KMR Leadership Team Register of Interests

Note the KMR Leadership Team's Register of Interests (Attachment 2).

6 Ngā whāinga mō āmuri | Next steps

The KMR Joint Committee members' Register of Interests (Attachment 1) will be updated in line with any revisions that are requested during the meeting.

7 Pirihongi | Attachments

Attachment 1 – KMR Joint Committee members' Register of Interests

Attachment 2 – KMR Leadership Team's Register of Interest

Attachment 1: KMR Joint Committee Members' Register of Interests

Name	Entity / Relationship	Nature of Interest	Risk of Conflict
Tame Te Rangī	Property in the catchment	Landowner	Possible
	NZ Native River Wood Ltd	Relationship Advocate	Unlikely
	WAI 303 Treaty Claims	Lead Negotiator	Unlikely
	Kaipara Moana Negotiations Reference Group	Chair	Possible
	Watercare Services Ltd - Mana Whenua Kaitiaki Managers Group	Chair	Unlikely
	Te Kauhanganui o Ngāti Whātua	Chair	Possible
	Whakaruruhau Whakairo	Chair	Unlikely
	Whakaruruhau Matua	Co-Chair	Unlikely
	Pakotai Te Oruru Recreation Hall	Secretary	Unlikely
	Hōkai Nuku Ltd	Director	Unlikely
	Ara Tūhono Educational Trust	Trustee	Unlikely
	Taita Marae Mamaranui	Trustee	Unlikely
	Te Kārearea Standing Committee Whangārei District Council	Appointed Member	Unlikely
	Te Koronga Research & Teaching Excellence programme – University of Otago	Associate	Unlikely
	Ngāti Whātua & Ngā Puhī	Iwi / hapū	Possible
Ngāti Rango, Ngāti Whakamaunga, Ngāti Moe, Ngāti Pongia, Ngai Tāhuhu, Ngāti Toki Ngāti Torehina	Iwi / hapū	Possible	
Amy MacDonald	None	n/a	n/a
Cherie Povey	WAI 303 Treaty Claims	Lead Negotiator	Unlikely
Georgina Curtis-Connelly	Whānau papakāinga in the catchment	Related Party application for KMR Landowner Grant	Grant conflict under management
Greg Sayers	Auckland Rotary Club	Member	Unlikely
Jack Craw	To be advised	-	-

Jane Sherard	Te Maania Whanau trust	Shareholder/Occupant	Unlikely
	Matuku Whānau Nursery	Whanau Advisor	Possible
John Blackwell	To be advised	-	-
Kerrin Leoni	To be advised	-	-
Malcolm Welsh	M & K Welsh	Director and Shareholder	Unlikely
	Ministry of Primary Industries - Maori Agri-business	Senior Advisor	Unlikely
	Poutu Topu A Trust	Trustee, Related Party application for KMR Landowner Grant	Possible, Grant conflict under management
	Renaissance Group Ltd	Director	Unlikely
	Taipuha Farms Ltd	Director	Possible
	Te Ārai Native Nursery Ltd	Director	Possible
	Te Uri o Hau Settlement Trust	Registered Beneficiary, Trustee, Office Support Committee	Possible
TUOH Charitable Trustee Ltd	Director	Unlikely	
Auckland Council Local Ward representative	To be advised	-	-
Virginia Warriner	Willie Wright	Family Relationship	Probable
	Rawson Wright	Family Relationship	Unlikely

Attachment 2: KMR Leadership Team's Register of Interests

Name	Entity / Relationship	Nature of Interest	Risk of Conflict
Justine Daw	Community Sector Research Committee	Member on Advisory Committee	Unlikely
	NEXT Foundation	Wai Ora 2022, Fellow	Unlikely
	NZ Institute of Plant and Food	Company Director	Unlikely
	National Party NZ	Partner is seeking Northland nomination	Possible
Ben Hope	Property in the catchment	Landowner	Unlikely
Lisette Rawson	None	n/a	n/a
Stephanie Versteeg	None	n/a	n/a

7.3 Appointment of Deputy Chair

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Remediation Joint Committee Hui
Kaituhi ripoata Report writer:	Ben Hope – Ringa-Pārongo Communications and Governance Lead

1 Te kaupapa | Purpose

To confirm the appointment of nominated Northland Regional Councillor Amy Macdonald to the position of Deputy Chair of the Kaipara Moana Remediation (KMR) Joint Committee.

2 Whakataunga | Recommendations

That the Joint Committee:

1. Confirm the appointment of Northland Regional Councillor Amy Macdonald to the role of Deputy Chair of the Kaipara Moana Remediation Joint Committee to replace outgoing Northland Regional Councillor Penny Smart.

3 Tātari me ngā tūtohu | Analysis and Advice

Under the KMR Memorandum of Understanding (MOU) and associated Terms of Reference (TORs) for the Joint Committee, the KMR Joint Committee Chair is a member of the Kaipara Uri, with the Deputy Chair appointed from Northland Regional Council or Auckland Council.

When the KMR Joint Committee was convened, Tame Te Rangi was appointed as inaugural Chair, with Penny Smart, Chair of the Northland Regional Council, confirmed as his Deputy Chair. The latter appointment recognised that Northland Regional Council has special responsibilities in respect of KMR as the agency hosting the Kaipara Maurikura (KMR operational arm) until KMR transitions to the forthcoming Kaipara Moana Body.

With the change in Northland Regional Councillors following the local government elections on 9 October 2022, a new KMR Deputy Chair must be appointed to replace outgoing Deputy Chair Penny Smart.

To meet the obligations of the MOU and TORs, ensure continuity of KMR governance decision-making in line with earlier commitments, and maintain diversity across the Chair and Deputy Chair roles, Northland Regional Council Councillor Amy Macdonald is recommended for appointment as KMR Deputy Chair.

7.4 Audit and Validation Reports

Rā Date:	Thursday, 1 December 2022
Hui Meeting:	Kaipara Moana Joint Committee Hui
Kaituhi ripoata Report writer:	Ben Hope – Ringa-Pārongo Communications and Governance Lead, Stephanie Versteeg – Amo-Rautaki Pākihi Strategic Business

1 Te kaupapa | Purpose

To note the satisfactory Deloitte Audit for 2021/2022 of the Kaipara Moana Remediation (KMR) Programme, and satisfactory Validation Report from the Ministry for the Environment.

2 He rāpopoto hautū | Executive summary

Deloitte undertook a financial audit of the KMR programme as part of Northland Regional Council’s annual audit process, reviewing the financials reported in the KMR Annual Plan. This year’s audit covered the first full year of KMR operations, and resulted in a satisfactory audit. Two minor notes of interest were recorded in the Audit report, involving small discrepancies related to the timing of transactions.

The Ministry for the Environment (MfE), as primary funder of KMR, also ran a Validation process in parallel with the Audit to review KMR’s non-financial reporting required under the Deed of Funding. This was also satisfactory, identifying only minor areas for improvement. As part of the Validation process, MfE signalled some opportunity to streamline and simplify validation processes for minor grants. Management will consider and action recommendations in 2023 and beyond, working closely with MfE.

3 Whakataunga | Recommendations

That the Joint Committee:

1. Receive the report ‘Audit and Validation Reports’ from Ben Hope and Steph Versteeg dated 1 December 2022
2. Note that the KMR Annual Report was sent to the Ministry for the Environment on 31 October 2022, as required under the Deed of Funding
3. Note the satisfactory Deloitte Audit of the Kaipara Moana Remediation (KMR) Programme for 2021/2022, centring on the Annual Report (Attachment 1)
4. Note the associated satisfactory Validation Report from the Ministry for the Environment (Attachment 2)
5. Note that KMR management will respond to the minor Validation Report recommendations in consultation with the Ministry for the Environment.

4 Horopaki | Background

As per the KMR Memorandum of Understanding (MOU) and associated Deed of Funding with the Crown, an Annual Report was sent to the Ministry for the Environment on 31 October.

This report provides an overview of KMR delivery in the 2021-2022 year, and a financial account of how money has been spent against the work programme included in KMR Annual Work Plan (adopted in June 2021).

The Annual Report is reviewed along with other materials by independent auditors (Deloitte) as part of Northland Regional Council's annual audit process. The Ministry for the Environment (MfE), as the primary funder of KMR, also used the Audit process to validate annual reporting by KMR on *Jobs for Nature* key performance indicators. The Validation Report was also satisfactory.

5 Tātari me ngā tūtohu | Analysis and advice

5.1 Financial Audit

On 1 November, Deloitte issued an Audit Letter (Attachment 1) noting the completion of the audit and giving a satisfactory audit result for KMR. This is pleasing, as the year under review was KMR's first full year of operations.

The Deloitte report indicates two notes of interest involving minor financial figures. These discrepancies relate to (i) a timing difference (specifically a late posting of \$10,269 of Northland Regional Council (NRC) accruals into the KMR ledger) and (ii) a double accounting by Auckland Council (AC) of staff time (specifically, a double accounting of \$920 of in-kind contribution relating to the Te Paiaka Native root project).

The Northland Regional Council has reviewed the specific issues identified and has documented the minor actions needed to remedy the mismatch between total costs and apportionment in the KMR Annual Report, and the KMR ledger at year end. In brief, reconciliation will take place in the current financial year to ensure that KMR 'Life to Date' funding apportionment levels align with those stipulated in the MOU.

5.2 Non-financial reporting validation

Given the scale of the Deed of Funding to KMR, and the newness of the programme, the Ministry for the Environment (MfE), as primary funder of KMR, also ran a Validation process in parallel with the Audit. This was also satisfactory, identifying only minor areas for improvement. As part of the Validation process, MfE signalled some opportunity to streamline and simplify validation processes for minor grants. Management will consider and action the operational recommendations in 2023 and beyond, working in consultation with MfE and the Northland Regional Council.

6 Pirihongi | Attachments

Attachment 1 – Deloitte Audit Letter for KMR

Attachment 2 – Ministry for the Environment Validation Report

Attachment 1: Deloitte Audit Letter for KMR

1 November 2022

The Chief Executive
Northland Regional Council
As recipient for the Kaipara Moana Remediation Joint Committee
Private Bag 9021
Whangarei 0148

Dear Sir,

Agreed Upon Procedures Report – Kaipara Moana Remediation Programme

In accordance with our engagement letter dated 6 April 2022, we have performed the procedures agreed with you on certain financial information in the Kaipara Moana Remediation Programme (Programme) Annual Report (the subject matter) provided to the Ministry for the Environment (the 'Ministry' or 'MfE') who has provided funding to the Programme as outlined in the Kaipara Moana Remediation Deed of Funding dated 8 February 2021 (the 'funding deed'). The financial information reported is set out in clause 4.2(c) of the funding deed and will cover the period from 1 July 2021 to 30 June 2022. Our report includes factual findings and is intended solely for the purpose of assisting Northland Regional Council (the 'Council') in its capacity as agent or recipient for the Kaipara Moana Remediation Joint Committee (the 'Joint Committee') to report certain financial information on the Programme to the Ministry (the 'purpose') and may not be suitable for another purpose.

Responsibilities of Council as agent for the Joint Committee

The Council, as agent for the Joint Committee, have acknowledged that the agreed-upon procedures are appropriate for the purpose of the engagement.

Scope of our Responsibilities

We have conducted the agreed-upon procedures engagement in accordance with the International Standard on Related Services (New Zealand) 4400 Agreed-Upon Procedures Engagements ('ISRS (NZ) 4400'). An agreed-upon procedures engagement is limited to only performing the procedures that have been agreed with you and reporting the findings, which are the factual results of the agreed-upon procedures performed.

We make no representations regarding the appropriateness of the agreed-upon procedures.

Because the procedures do not constitute either a reasonable or limited assurance engagement in accordance with auditing, review or other assurance engagement standards issued by the New Zealand Auditing and Assurance Standards Board ('NZAuASB'), we do not express any opinion, conclusion or provide assurance on the subject matter. In particular, we did not subject the information contained in this report or given to us by Council, as agent for the Joint Committee, to checking or verification procedures except to the extent expressly stated in Appendix 1. This is normal practice when carrying out such limited scope procedures, but contrasts significantly with, for example, an audit as envisaged by the Local Government Act 2002. The procedures we performed were not designed to and are not likely to have revealed fraud or misrepresentation by the management of Council or the Joint Committee. Accordingly, we cannot accept responsibility for the detection of fraud (whether by management or by external parties) or misrepresentation by the Council or the Joint Committee. Had we performed additional procedures, or had we performed an audit or a review in accordance with auditing, review or other assurance engagement standards issued by the NZAuASB, other matters might have come to our attention that would have been reported to you.

The audits performed by Deloitte Limited, for and on behalf of the Auditor General, for the Council in current and prior financial periods were carried out in order to report to the readers of Council's Annual Report in accordance with the Local Government Act 2002 and are subject to separate engagement letters. The audits of the Council's consolidated financial statements were not planned or conducted to address or reflect matters in which anyone other than the readers of Council's Annual Report may be interested. In particular, the scope of the audit work was set, and judgments made by reference to the assessment of materiality in the context of the audited financial statements taken as a whole rather than in the context of this engagement. Deloitte Limited has not expressed an opinion or other form of assurance on individual account balances, financial amounts, financial information or the adequacy of financial, accounting or management systems. Deloitte Limited does not accept or assume responsibility to anyone other than Council and the Office of the Auditor General for its audits.

Professional Ethics and Quality Control

We have complied with the ethical requirements of the Office of the Auditor General's auditing standards and Professional and Ethical Standard 1 International Code of Ethics for Assurance Practitioners (including International Independence Standards) (New Zealand) ('PES 1'). Our firm applies PS-1 Quality Control ('PS-1') issued by the New Zealand Institute of Chartered Accountants, and accordingly, maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

Procedures and Findings

The procedures were performed solely to assist you in meeting your purpose outlined above. The procedures performed and the factual findings obtained are in Appendix 1.

Restriction on Use of Report

This report is intended solely for your exclusive use and solely for the purpose set out above. We understand that a copy of this report has been requested by the Ministry solely for the purpose of assessing your compliance with the funding deed. We agree that a copy of this report may be provided to the Ministry for their information in connection with this purpose but, we do not accept any duty, liability or responsibility to the Ministry in relation to this report.

It is for you and the Ministry, to assess both the procedures and our factual findings to determine whether they provide, in combination with any other information you have obtained, a reasonable basis for any conclusions which you wish to draw on the subject matter.

This report is not to be used for any other purpose, recited or referred to in any document, copied or made available (in whole or in part) to any other person without our prior written consent. We accept or assume no duty, responsibility or liability to any party, other than you, in connection with this report or this engagement, including without limitation, liability for negligence in relation to the factual findings expressed or implied in this report.

Our report on factual findings was completed on 31 October 2022 and our findings are expressed as at that date.

Yours faithfully



Peter Gulliver
Partner
For Deloitte Limited

Enclosure: Appendix 1: Factual Findings
 Appendix 2: Expenditure

APPENDIX 1: Factual Findings

In order to perform the agreed upon procedures below we obtained the Annual Report for the year ended 30 June 2022 that will be submitted by the Council to the Ministry pursuant to clause 4.1 and 4.2 of the funding deed.

General procedures	Findings
<p>1. Agree the total amount recorded as expenditure in the Annual Report to the relevant general ledger records for the Project obtained from the Council. Report any differences identified.</p>	<p>Total expenditure reported in the annual project report is \$7,409,101.</p> <p>Total expenditure reported in the project general ledger obtained from the Council is \$7,418,451.</p> <p>This results in a difference of \$9,350.</p>
<p>2. Agree the amount recorded as Member Party contributions in the Annual report to the relevant general ledger records for the Project obtained from the Council. Report any differences identified.</p>	<p>As per the funding deed, Northland Regional Council and Auckland Council are Member Parties.</p> <p>Total Member Party contributions in the annual project report is \$1,851,556 which includes both cash and in-kind contributions.</p> <p>Total Member Party contributions reported in the project general ledger obtained from the council is \$1,856,231.</p> <p>This results in a difference of \$4,675.</p>
<p>3. Agree the amount recorded as grant funding invoiced and received from the Ministry, and the amount of grant funding not spent in the Annual Report to the relevant general ledger records for the Project obtained from the Council. Report any differences identified.</p>	<p>Total grant funding invoiced and received from the Ministry reported in the annual project report is \$9,100,415; with \$5,452,003 of the grant funding remaining unspent as at 30 June 2022.</p> <p>Total grant funding reported in the project general ledger is \$9,100,415; with \$5,447,328 of the grant funding remaining unspent as at 30 June 2022.</p> <p>This results in a difference of \$4,675 in relation to grant funding remaining unspent at 30 June 2022.</p>
<p>4. Agree the amount recorded as funding contributions from other sources and the amount of funding contributions not spent in the Annual Report to the relevant general ledger records for the Project obtained from the Council. Report any differences identified.</p>	<p>Total funding contributions from other sources reported in the annual project report is \$1,909,133. Per discussion with management, this balance comprises interest received from term deposits, and in-kind contributions from landowners.</p> <p>Total funding contributions from other sources in the project general ledger obtained from the council is \$1,909,133.</p> <p>No differences identified.</p> <p>We have agreed the following records from the annual project report to the project general ledger:</p>

<p>5. Agree the following amounts to the relevant general ledger records obtained from the Council:</p> <p>(i) grant monies received from the Ministry, as per the reconciliations/confirmations received from the Ministry;</p> <p>(ii) expenses paid with the grant monies during the period as per the Annual report; and</p> <p>(iii) any interest received, as per the Annual report, by the Council on the grant.</p> <p>Report any differences identified.</p>	<p>(i) grant monies received from the Ministry of \$9,100,415.</p> <p>(ii) expenses paid with the grant monies of \$3,704,551. We note that the total expenses paid with the grant monies should be \$3,709,225. This results in a difference of \$4,675.</p> <p>(iii) interest received by the Council on the grant of \$56,138</p>
<p>Grant Funding</p>	<p>Findings</p>
<p>6. Agree each of the grant funding receipts for the period from the project general ledger records to:</p> <p>(i) bank statements; and</p> <p>(ii) invoices provided to the Ministry.</p> <p>Report any differences identified.</p>	<p>We obtained the project general ledger record of the grant funding receipt for the period. This related to one transaction and we have traced the receipt of the funding received to the bank statement and to the invoice provided.</p> <p>No differences identified.</p>
<p>Member Party Contributions</p>	<p>Findings</p>
<p>7. Agree each of the Member Party contributions for the period, as identified to us by the Council from the project general ledger records, to invoices or equivalent documentation from the relevant Member Parties and report any differences identified.</p>	<p>Per discussion with management, member party contributions comprise of cash and in-kind contributions.</p> <p>Furthermore, cash contributions are made up of:</p> <p>(i) cash paid directly to the Kaipara Moana programme (bank account transfers)</p> <p>(ii) invoices and payroll costs paid directly by Council and Auckland Council (relating to work fully attributable to the Kaipara Moana programme).</p> <p>We obtained the project general ledger record of the member party cash contributions for the period.</p> <p>Total member party contributions from Auckland Council are \$924,858. This is made up of:</p> <p>(i) Cash receipt of \$238,706 –we have traced the receipt of the funding received to the invoice provided. The amount to Auckland Council has been under-invoiced by \$3,257. The amount invoiced to Auckland Council at year-end is calculated based on the Memorandum of Understanding between all parties. This apportionment is based on a percentage of the total expenditure for the project. As the total expenditure has a variance of \$9,350, this has resulted in the under-invoicing.</p> <p>(ii) Costs paid directly by Auckland Council of \$687,072 – we have obtained the confirmation from Auckland Council and noted that the amount is \$686,152. This results in a difference of \$920.</p>

	<p>Total member party contributions from Northland Regional Council are \$925,778. This is made up of:</p> <p>(i) Cash receipt of \$54,622 –we have traced the receipt of the funding received to the bank statement and to the email confirmation provided. The amount to Northland Regional Council has been over-invoiced by \$7,932. The amount invoiced to Northland Regional Council at year-end is calculated based on the Memorandum of Understanding between all parties. This apportionment is based on a percentage of the total expenditure for the project. As the total expenditure has a variance of \$9,350, this has resulted in the over-invoicing.</p> <p>(ii) Costs paid directly by Northland Regional Council of \$871,156 – we have obtained a transaction listing for this balance and have selected 4 samples to trace through to the invoice (tested from an expenditure perspective).</p> <p>The number of samples selected was structured such that for every \$250,000 of cost incurred, one sample was selected, using a random number generator. Total costs paid by NRC in the project general ledger is \$881,426. This results in a difference of \$10,270.</p> <p>For the in-kind contributions we have agreed the income recognised to the in-kind expenditure recorded. This has been sample tested from an expenditure perspective (procedure 9 and 10).</p>
<p>Funding Contributions from other sources</p>	<p>Findings</p>
<p>8. Using a random number sampling tool, agree a sample of funding contributions from the project general ledger records provided to us by the Council to:</p> <p>(i) bank statements if received in cash, and (ii) invoices or equivalent documentation.</p> <p>Report any differences identified.</p>	<p>Funding contributions from other sources compromise of interest earned on unspent funds and landowner in-kind contributions.</p> <p>We have traced interest revenue directly to the bank statement or bank confirmation.</p> <p>No differences identified.</p> <p>For the in-kind contributions we have agreed the income recognised to the in-kind expenditure recorded. This has been sample tested from an expenditure perspective (procedure 9 and 10).</p> <p>No differences identified.</p>
<p>Project Expenditure</p>	<p>Findings</p>
<p>9. Using a random number sampling tool, agree a sample of project expenditure items from the project general ledger records provided to us by the Council, to invoices and report any differences identified.</p>	<p>Per discussion with management, project expenditure compromises of cash contributions and in-kind expenditure.</p> <p>The number of samples was structured such that for each category of expenditure one sample was selected</p>

<p>10. For each expenditure sample (per procedure 9) record the nature of the expenditure from the invoice and obtain an explanation from Council management as to how this expenditure is appropriate under the funding deed.</p> <p>With respect to the sampling undertaken for funding contributions from other sources (procedure 8) and project expenditure (procedures 9 and 10) the number of samples selected will be structured such that approximately one sample will be selected for every \$250,000 of funding or expenditure.</p>	<p>for every \$250,000 of cost incurred, using a random number generator.</p> <p>For each of the 29 samples, we agreed the balances to invoices (or other supporting documentation where appropriate i.e. timesheets). We obtained explanations from Vincent McColl (Financial Accountant) at Northland Regional Council and Stephanie Versteeg (Strategic Business Manager) as to the nature of the expenditure.</p> <p>Refer to Appendix 2 for the results of the work performed.</p>
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PŪRONGO Ā TAU - ANNUAL REPORT 2021/2022

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Kupu Whakataki - Chair's Foreword

E kore e mōnehunehu te pūmahara ki ngā whēinga o neherā nā rātou nei i toro te nukuroa o Te Moana-nui-ā-Kiwa o Te Moana Tāpokopoko ā Tāwhaki me Papa-horo-nuku. Ko a rātou tapuwae kua kākahutia ki te kiri o Papa-tū-ā-nuku e hora nei – Kaipara Moana he tawhiti tōna roa, he manatunga, he taonga, he tapu ... he ngaru nui mā te tauihu o te waka e wawāhi.

Kaipara Moana is an ancient bastion of nature, alive with history of days, of eras past. It is a place of deep spiritual and cultural value, a space with its own mauri and identity imbued with a mana of its own.

It is the home to rare and threatened species, taonga species, and some of the rarest ecosystems in New Zealand, including sand dune, sea grass, freshwater and estuarine wetland ecosystems. As a primary breeding ground for New Zealand's snapper fishery, Kaipara Moana also has major economic importance.

The historic 9 October 2020 signing of the Kaipara Moana Remediation (KMR) Memorandum of Understanding between the Ministry for the Environment and Ngā Maunga Whakahī o Kaipara, Te Rūnanga o Ngāti Whātua, Te Uri o Hau, Northland Regional Council and Auckland Council was a symbol of a joint commitment by the Crown, Kaipara Uri and Regional Councils to protect, restore and enhance the mauri of Kaipara Moana.

While the programme is still establishing, efforts to revitalise the mauri of the Kaipara Moana are scaling up rapidly across 6,000km² of catchment. Currently, KMR contracts directly with rural landowners to take action on the land to reduce sediment losses to nearby streams, rivers, estuaries, and coastal waters. As an environmental granting programme, KMR works in a 1-to-1 relationship with each landowner, as they must match each dollar of KMR investment with their time, or other contributions, to protect local waterways.

With the programme maturing, there is now an opportunity to focus more on iwi / hapū engagement and wider community participation in KMR and unlock the valuable knowledge of diverse groups around the catchment to restore the mauri of Kaipara Moana.



Tame Te Rangī
Chair, Kaipara Moana Remediation Joint Committee

Ngā Aronga a te Pou Tātaki - Pou Tatāki Foreword

It was a special dawn on 3 December 2021, when Te Parawhau Kaumātua Te Ihi Tito and David Coyne dedicated the new premises of Kaipara Moana Remediation. Two Pou, created by Te Hana-based Bou van den Bemd, were unveiled to form an appropriate entrance to the KMR offices to acknowledge the bi-cultural and co-governance approaches under which KMR operates. Unfortunately, due to COVID-19 restrictions, the event could only be attended by a small number of dignitaries and the new KMR team, but nonetheless a strong wairua of support was felt by all present.

KMR's ability to engage face-to-face and progress planning with landowners was also severely affected by ongoing COVID-19 disruptions, including the 2021 regional border closures between Auckland and Northland, as well as a record-breaking wet winter that brought major floods to many communities. We also experienced the same supply chain disruptions and workforce challenges facing many businesses in the rural sector.

Given these headwinds, I am even more proud of what the KMR team and our many partners managed to achieve in our first full year of operations. Over the year, 278 landowners undertook sediment reduction planning and projects. This resulted in 205 new Sediment Reduction Plans or Farm Environment Plans covering over 40,000 hectares of land and committing landowners to an additional 380,000 plants and 238 kilometres of fencing – more than the distance from Whangārei to Auckland. We continued work with 41 landowners from Year 1 of operations, and at year end were working with another 32 landowners to develop sediment reduction plans and projects. This includes our first Whenua Whānui grants, supporting whānau, marae, hapū / iwi- and community-led action to protect waterways flowing into the Kaipara Moana.

As a Jobs for Nature investment, KMR has a dual focus on growing people into 'green economy' jobs. Since November 2021, KMR has developed training courses to upskill over 50 local KMR Field Advisors, including tangata whenua, to work with landowners. We have also accredited 19 nurseries and 22 contractor businesses. This year, KMR generated more than 60,000 hours of nature-facing work, bringing tangible benefits to local communities. While it is still early days, an important foundation for KMR's achievements is our focus on both environmental and social outcomes. By investing in local people to develop and sustain meaningful, nature-based employment, KMR is helping grow both social equity and long-term relationships with the whenua.

I look forward to continuing and expanding our mahi together in the years ahead.



Justine Daw
Pou Tatāki, Kaipara Moana Remediation

Rautaki Tūmahi Tau Tuarua - The Year in Review

The Kaipara Moana is New Zealand's largest harbour system, with over 6,000km² of catchment land area, 950km² of harbour surface area and 8,110km of waterways flowing into the Moana. It is also the largest natural harbour in the Southern Hemisphere, and one of global significance as the home to several rare and threatened migratory birds from the northern hemisphere,

However, decades of deforestation and land use intensification have degraded the catchment. Today, less than 10% of original native forest cover and 5% of wetlands remain, leading to a seven-fold increase in soil erosion and associated sediment washing into streams, rivers, coastal estuaries and ultimately the harbour.

On 9 October 2020, the Ministry for the Environment, Ngā Maunga Whakahī o Kaipara, Te Rūnanga o Ngāti Whātua, Te Uri o Hau, Northland Regional Council and Auckland Council signed a Memorandum of Understanding (MOU) to establish Kaipara Moana Remediation (KMR), a decade-long programme to protect and restore the Kaipara Moana.

As sediment levels in the harbour will take time to reduce, the MOU partners acknowledge that the restoration programme will be intergenerational. Of the estimated \$300M cost to remediate the harbour, \$200 million has been budgeted over the first six years of the KMR programme. This comprises \$100M from the Crown through a Deed of Funding, matched by \$10 million each from Northland Regional Council and Auckland Council, as set out in each region's Long-term Plan. A further \$80 million of remediation activity is budgeted to be sourced in various ways from landowners, industry associations, community and philanthropic organisations. Such an approach recognises that widespread action across the catchment will be needed to restore the Kaipara Moana, and reflects that for every dollar of Crown funding, a matched contribution is required.

Less than two years after the signing of the MOU, efforts to revitalise the mauri of the Kaipara Moana are scaling up rapidly. This report looks back on the first full 12 months of KMR programme delivery, following 9 months of activity to establish the programme and prepare for large-scale sediment reduction across the catchment.

INFOGRAPHIC: Ngā Mahi Rauora, Ngā Whiwhinga - Year 2 results at a glance

KMR worked with 278 landowners to support:

- *278 sediment reduction plans (205 new plans, 41 carried over from Year 1, 32 in development)*
- *\$4.67m worth of sediment reduction projects*

Kaipara Moana Remediation Annual Report – 2021/2022

- *238 km of new waterway fencing (82km completed, 156km committed)*
- *380,466 new plants to protect waterways (206,408 planted, 174,058 committed)*
- *85 Ha of riparian and wetland margins newly planted or committed for planting*
- *over 40,000Ha of land covered by new sediment reduction plans, bringing the total to 52,000 Ha*

KMR invested in local businesses, communities and young people by:

- *accrediting 22 contractor businesses and 19 nurseries*
- *training 38 Field Advisors, bringing the total to 51*
- *creating over 60,000 hours of new work, with 34,000 more committed*

Maurikura Matomato - Thriving Maurikura

The Kaipara Maurikura is the operational unit that leads the delivery of the KMR programme. This year saw the appointment of staff into the Kaipara Maurikura, including a number with affiliations to Kaipara Uri and other iwi / hapū groups. Most Kaipara Maurikura roles were filled by the end of February 2022.

As a new team, the leadership focus has been on staff induction including to understand and honour the Memorandum of Understanding, team building and alignment, and ensuring that strategy, policy and operational settings made prior to the new team's arrival were progressed as planned.

The Kaipara Maurikura established appropriate health and safety practices for the team as well as delivery partners working on KMR business in the community and with landowners. A further focus was promoting well-being and connectivity, both within the Maurikura and with our external providers and partners through regional lockdowns, office closures and periods of working from home.

Mana Kawenga, Mana Tātaki me te Hanga Mahere - Governance, Management & Planning

The Kaipara Moana Remediation Joint Committee (Joint Committee) continued to provide governance direction and decision-making to the KMR programme, as set out in the Memorandum of Understanding signed with the Crown. In line with local government settings, all Hui agendas and minutes were made available publicly on the KMR website, and the meetings were recorded and posted online.

By necessity, due to regional border closures, the Joint Committee adopted online meetings in the second half of 2021. In 2022, the Joint Committee continued to meet online to manage COVID-19 transmission risk and protect the wellbeing of the many communities that Joint Committee members both represent and serve. In-person Hui will resume in late 2022 to facilitate engagement with haukāinga and local communities and better share information about KMR, its aims and grant funding opportunities. All KMR Joint Committee meetings remain subject to any host requirements in respect of COVID-19 protections.

KMR continues to engage regularly with the Ministry for the Environment, as our primary investor, on programme development and progress. We also commenced a joint validation of performance reporting against the Annual Work Plan. We also continued to meet formally with the Senior Officials Oversight Group, comprising representatives from the KMR partners - regional councils and Kaipara Uri entities - through 2021 and early 2022, until the Group's work programme mandated by the Joint Committee had been fully discharged. KMR continues to engage directly with senior leaders of the partner entities to provide regular updates on KMR progress, seek input and signal forthcoming opportunities.

Text box The Joint Committee comprised 12 members representing the KMR partners: • Ngā Maunga Whakahī o Kaipara (2 members) • Te Uri o Hau Settlement Trust (2 members) • Te Rūnanga o Ngāti Whātua (2 members) • Northland Regional Council (3 members) • Auckland Council (3 members) The Joint Committee appoints a chair from the Kaipara Uri members (Tame Te Rangi), and a deputy chair from the council members (Penny Smart). In Year 2, the Joint Committee held eight formal meetings and five workshops in the period to 30 June 2022.

An early focus in 2022 was to develop a systematic work programme for KMR, bringing together the earlier building blocks and developing consistent project management and reporting approaches. As a voluntary programme, individual landowner engagement, time and resource are critical to the development and delivery of sediment reduction projects. Landowner interest and demand – particularly the timing of this – directly affects supplier, contractor and nursery capacity needs, as well as grants administration resourcing. KMR has put in place interim processes to better understand and manage granting and sediment projects as they progress, with the forthcoming digital tools to bring a more permanent solution.

Tukunga Kaupapa – Programme Delivery

Accelerating sediment reduction

In a demonstrated uplift from the previous year, KMR worked with 278 landowners to support 278 Sediment Reduction Plans and associated projects this year. 205 new Sediment Reduction Plans (or Farm Environment Plans) and projects were approved, with an additional 32 in development. Importantly we also worked with landowners who are already engaged to complete projects and develop further projects. Our 'Foundation Planting' campaign over the 2022 winter was central to efforts to significantly scale up sediment reduction projects to protect waterways. With a focus on engaging primary sector landowners across the catchment, KMR implemented a more streamlined process to support winter planting.

This year also saw the development and launch of the new Whenua Whānui Fund to support iwi / hapū, marae, kaitiaki, community and landcare groups, trusts and reserve boards to participate in sediment reduction projects to restore the Kaipara Moana. Projects can be on public land, whenua Māori land and other land with multiple ownership, or private land where a group has permission from the landowner. The KMR team worked with 14 groups to understand aspirations for the whenua, awa and moana, scope proposed projects, and develop project proposals.

Given the scale of a programme that operates across 6,000km² and two diverse regions, working in partnership is a key to KMR's success. KMR's new strategic partnerships with Fonterra, The Forest Bridge Trust and Environs Ltd (Te Uri o Hau Trust acting on behalf of Kaipara Uri) have been central to scaling up the delivery of sediment reduction planning and projects, drawing on existing relationships, networks and forums to engage landowners, communities and iwi / hapū groups. A further partnership is in development to better reach and support the 900-odd sheep and beef farmers in the catchment.

Supporting our suppliers

Supplier arrangements were developed with 22 nurseries and 19 businesses in the catchment. Following an open process to seek expressions of interest, KMR worked with a wide range of enterprises, spanning commercial companies, iwi/hapū affiliated providers and whānau-based teams, to evaluate and accredit nursery, planting, site preparation and fencing suppliers to the KMR programme. To receive accreditation, all suppliers had to meet quality standards, commit to working to the kaupapa and objectives of the KMR Memorandum of Understanding, and be actively working with communities and businesses

within the Kaipara catchment. We also assessed their experience, familiarity with the Kaipara Harbour area, the level of training opportunities and wellbeing support offered to employees, and their Health and Safety protocols.

Three workshops were held with accredited nurseries and technical experts to discuss KMR programme development. In partnership with the sector, KMR has implemented a number of recommendations from the 2021 Nursery Strategy, including developing a KMR Planting Guide, adopting centralised plant ordering to better support landowners planting trees, and moving to a pre-ordering arrangement to give nurseries greater visibility of forthcoming planting orders. In addition, KMR has begun communicating and implementing the results of the *Te Paiaka* research project, which identified the best native species for planting on river and stream banks to reduce bank erosion risk. Early-stage work commenced to identify taonga species for planting, and this will be taken forward through the *Kōrero Tuku Iho (Mātauranga Māori)* project.

Growing people into jobs

As a Jobs for Nature investment, KMR supports people into jobs, bringing tangible benefits to local communities. This year, KMR has developed and rolled out training courses to upskill 38 local KMR Field Advisors, including 19 tangata whenua, to work with landowners to develop Sediment Reduction Plans and take action to protect waterways. Further engagement about the opportunities to train as a KMR Field Advisor occurred through Kaipara Uri-led engagement on marae and wider engagement hui. With 19 Field Advisors contracted and operational in the year, KMR established a mentoring programme, which includes a buddy system, regular check-ins and extension courses. Through a recent Memorandum of Understanding with the NZ Association of Resource Management (NZARM), KMR will also provide further training opportunities to our Field Advisors to help them obtain qualifications to become a Freshwater Farm Planner in future.

KMR's commitment to develop local, long-term and meaningful career pathways is shared with the Ministry of Social Development (MSD), with whom KMR signed a workforce development Memorandum of Understanding in December 2021. Through this partnership, KMR and MSD jointly funded a Kaitiaki Employment Advisor based with the Kaipara Uri, to engage with rangatahi and facilitate entry into nature-facing employment. The intention is to support further Kaitiaki Employment Advisors in future when the need is demonstrated. KMR has also supported MSD-led community outreach to school-leavers and developed profiles of KMR suppliers, nurseries, Field Advisors and staff to tell the stories of the local people working in these roles and demonstrate that jobs protecting nature are inclusive.

KMR uses either benchmarked market rates or the New Zealand Living Wage when assessing the value of in-kind contributions to the programme. This recognises that time is valuable across the diverse network of contributors to KMR, and ensures an equitable approach when valuing the contributions of landowners, iwi / hapū, and community groups.

Innovating through Digital Tools

KMR's Digital Tools programme has progressed as planned across five inter-dependent areas of development (grants management; farm planning; improved identification and mapping of highly erodible land; improved identification and mapping of wetlands; and freshwater accounting). A technical working group and strategic advisory group were convened to provide expert oversight of the Digital Tools' development, and ensure the Tools are optimised as far as possible to meet wider needs.

When finalised, the two new KMR digital tools – the *Mātai Onekura* farm planning tool and *Tātaki Wai* freshwater management tool – will enable KMR to identify and target funding to the most highly erodible land in the catchment, identify wetland areas that would most benefit from restoration to reduce sediment flows over land, and understand what activities will most cost-effectively reduce sediment loss to waterways. KMR project information will also be centrally stored, facilitating rich insights at a catchment and sub-catchment scale, and enabling highly accurate modelling of sediment reduction costs and benefits. By the end of 2022, the first four elements of the integrated KMR Digital Tools system will go live internally, to allow for testing and refinements, before external training and roll-out to other users in 2023.

Pārongo me ngā Hononga – Communications & Engagement

Landowner engagement and participation are critical to the success of KMR. This requires building enduring awareness and relationships across the catchments, and supporting leadership from local champions and communities. The foundations of KMR's external communications were finalised and implemented this year, including branding, an interim website, regular newsletters, and core communications products such as information sheets, brochures, guides and marketing materials to engage landowners. A range of KMR profiles and stories of landowners, staff, suppliers and nurseries were completed to showcase our projects and people, including in te reo Māori. Traditional media campaigns were run to raise awareness of Winter Planting, and a social media presence was established to create more inclusive avenues for communication, particularly younger members of the community. Bimonthly Pānui were produced and sent to a stakeholder database which has more than quadrupled in size over the year. Online engagements were well attended, and several workshops were convened, including on the Whenua Whānui Fund.

Once COVID-19 restrictions eased, engagements with Māori groups in the catchment resumed, including with all Post Settlement governance bodies, iwi / hapū, marae and mana whenua groups. Among other topics, these engagements promoted the establishment of Catchment Reference Groups with mana whenua who are not part of the Kaipara Uri confederation. A KMR Partnership Forum was established and convened, bringing together over 60 environmental, primary sector, scientific and community-facing entities to share updates relevant to the programme, highlight new work in development, and clarify how individuals and agencies can get involved. Forums are run three times a year, each one focusing on a different aspect of the KMR programme. A further focus for the year was presenting to rural professionals, other primary sector and conservation sector stakeholders, participating at community events and supporting school-led projects.

TEXT BOX: Living our Values: KMR operates across many communities, working with all types of landowners, across a very diverse catchment. We work particularly closely with rural communities, investing in them and supporting them to protect the Kaipara Moana. In line with our principles of mutual trust and equality, kia tika and kia pono, KMR works in collaboration with other rural programmes and agencies to support rural wellbeing. As an example, when heavy

floods came to Northland in the winter of 2022, KMR staff helped the Northland Rural Support Trust to support affected communities to clear away mud and forestry debris from fences and other farm structures. We also contributed to the Northland Rescue Helicopter that provides important support for remote communities, and helped local iwi / hapū, landcare and catchment groups at several local tree planting days. Rural communities will be an ongoing focus for KMR in the 2022-2023 year, with our team already engaging in rural professional networks, presenting to relevant conferences and seminars, and working with sector partners such as Fonterra, Beef+Lamb NZ and Rabobank.

Ngā Huarahi Whiwhinga – Opportunities

A number of strategic and commercial opportunities were progressed over the year, including the strategic partnerships discussed earlier in this report, pilot initiatives to optimise the benefits gained through KMR investment (such as biodiversity and climate resilience benefits), and commercial arrangements to secure additional contributions from third parties, the value of which can be recognised as part of the \$80M in matched funding contributions required under the KMR Deed of Funding. Examples include a partnership with Trees That Count to secure 23,000 free trees for the programme, with 50,000 planned for the coming year; a pilot with the QEII National Trust to lock in the biodiversity gains from KMR projects near remnant forests, to be expanded over time. In addition, KMR has partnered with local providers to offer supplier discounts for KMR projects, with a present focus on backing New Zealand companies and products and removing plastics from the materials used near waterways.

Through a partnership with the Ministry for the Environment, the Ākina Foundation, Beca NZ, and Auckland Council, we are also progressing medium term impact investment opportunities in the carbon and biodiversity areas. Such opportunities reduce barriers and costs for landowners seeking to take action under KMR, help the KMR investments ‘go further’ in support of new and additional sediment reduction activities across the catchment, and/or grow new revenue streams for landowners who are protecting the Kaipara Moana.

Mana Tātaki Tūraru - Risk Management

Key risks to KMR delivery were reviewed and are being actively managed as the programme progresses. These include risks that co-funding obligations are a barrier to landowner participation, risks relating to managing expectations that KMR can invest in or support needs beyond sediment reduction, and the risk that programme modelling assumptions are inaccurate – for example, planting activity is less than anticipated at this stage of the programme as landowners focus on regulatory compliance (fencing) only. Other key risks include economic headwinds which are affecting landowner participation, significant weather events that impede landowners from participating in the programme and damage remediation works, and ongoing COVID-19 impacts on the labour market and supply chains, both of which affect the ability to progress project work in a timely manner.

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The table below provides more information about the Year 2 results compared to the Key Performance Indicators (KPIs) contained in the Year 2 Annual Work Plan:

KMR Activity	Year 1 Actuals	Year 2 Actuals	Year 2 KPI target	Comment
Farm Environment Plans completed	63 Plans	<p>205 new Sediment Reduction Plans, remediation funding agreements and Farm Environment Plans (by Fonterra) were created in Year 2.</p> <p>Additionally, we continued to work with 41 landowners to implement plans from Year 1, seven of whom contracted further work. A further 32 new plans were in development at year-end.</p> <p>This means 278 Plans and associated sediment reduction projects were in progress by the end of Year 2, of which 246 Plans had project works committed and underway or completed.</p>	248 Plans	<p>Currently, KMR Sediment Reduction Plans and remediation funding agreements are focussed on sediment reduction outcomes. KMR is expected to transition to providing plans that are compliant with Freshwater Farm Plan regulations in time.</p> <p>Under the Fonterra partnership, full Tiaki Farm Environment Plans are developed for dairy landowners.</p>
Area covered by Plans (Hectares)	11,413 Ha	40,526 Ha of land was newly covered by a KMR Sediment Reduction Plan (or equivalent) at the end of Year 2.	48,690 Ha	In total, 51,939 Ha were covered by a KMR SRPs at the end of Year 2. On average, properties newly covered by a plan are 198 hectares in size.
Fencing (kms)	93.57 km (11.63 km completed, 81.94 km committed in Year 2 plans)	238.43 km of fencing was completed or committed in Year 2. This is more than the distance from Whangārei to Auckland. Of this, 155.96 km were committed (not yet signed off) and 82.48 km were completed.	168 km	Fencing activity has been higher than expected. Landowners need to fence before they can plant and so this result is not unexpected at this stage of the programme. In addition, forthcoming regulation is likely to have contributed to high levels of landowner fencing.
Planting (Stem numbers)	156,606 plants were planted or committed in Year 2 plans	380,466 plants were planted or committed for planting in Year 2. Of this, 174,058 plants were committed for planting over winter (not yet signed off) and 206,408 were completed (and signed off).	650,000 plants	Planting activity has been lower than expected. Landowners need to fence before they can plant and so this result is not unexpected at the end of the first fu programme. Riparian planting and wetland restoration are also relatively expensive compared to fencing. KMR is working to address financial barriers to planting, including by developing partnerships with third parties, such as Trees that Count. Last year, Trees that Count made 26,000 trees available free of charge to KMR landowners.
Jobs	Not reported in Year 1	61,602 hours of work (~39 FTE) were completed in Year 2. A further 34,000+ hours of remediation work (~21 FTE) were	74,155 hours of	

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As a <i>Jobs for Nature</i> programme, KMR creates new, nature-based employment		committed in Year 2 Plans, some of which will have taken place over the winter planting season (but is not yet confirmed by KMR as completed).	work (~48 FTE)	
Training	Not reported in Year 1	KMR trained 38 Field Advisors in Year 2.	N/A	A further 13 Field Advisors were trained early in Year 3, which brings the total number of Field Advisors to 51. A Partnership with NZARM will support further training and accreditation for KMR Field Advisors in Year 3 and beyond.

PULL QUOTES – to be distributed with images throughout the Annual Report, in relevant sections:

Shona Oliver – Whenua Whānui Fund Field Advisor, Taupaki

“It feels like we are contributing to something that is so important to the people and the planet. It will be inter-generational, but we are starting here”

“We all need to listen to understand how to work together to restore the health and the mauri of the Kaipara Moana. That’s because we all bring different knowledge, skills and aims. Let’s see how we can help and support each other to get the best outcomes for the land and the sea. We have to listen to, and work with whānau and landowners to achieve their aspirations for their whenua”

Whetu Henderson – The Green Team, an accredited KMR contractor (Ngāti Whatua, Te Uri o Hau)

““I think this project is invaluable, not only is it restoring the awa, it is restoring the people. There are not many employment opportunities around here so it increases employment for our rangatahi or anyone for that matter that wants to get involved in the kaupapa so they can provide for their families”

Lance Nepia – Nursery Manager – Rural Design 1984 Limited, an accredited KMR nursery (Te Uri o Hau)

“...It’s about our kids isn’t it? We want them to go down and enjoy the harbour we did as children. It is about the future.”

“The Kaipara is a big part of me. It is my home and these people are making it healthier and better through their efforts with KMR. It is good to see the efforts going into improving the health of the water and the fisheries.”

“I want to be able to say in ten years that I played a small part in turning the health of the Kaipara catchment and Kaipara harbour around...”

Natasha Rogers - Procurement and Dispatch Supervisor – Te Ārai Native Nursery Limited, an accredited KMR nursery

“It is very fulfilling being part of the movement that is leaving the land and rivers better than how we found them”

Peter Yardley – Fisherman

“There has been 30 years of voluntary labour go into getting us this far in repairing the Kaipara, now we are seeing our grandchildren coming through as enviro-children so they can continue the work of KMR”

“...in recent years I have seen species coming back and the water quality improving. I honestly didn’t think I would see pollution in my lifetime, let alone the reverse.”

Darren van Beek Kaiārahi Whakaora Whenua Kōawa – Remediation Programme Leader, Kaipara Maurikura

“150 to 200 years down the line we envision this mahi to still be happening. If we can leave the Taiao in a better state than we found it, if we can do that then intergenerationally it can only get better

Storm Tautari, Director – All Out Contracting, an accredited KMR contractor (Ngāpuhi, Te Roroa and Ngāti Hine)

I have been working fulltime since I was 14 or 15. I started out with my uncle building cattle yards and fences’. I put my hand up to be part of something very special – KMR – and I look forward to bringing my team to the Kaipara and helping reinvigorate a beautiful harbour.

Ngā Arotahi Anamata - Looking Ahead

The Kaipara Moana Remediation programme has an ambitious target of halving overall sediment lost to the Kaipara Moana through a concentrated 10-year programme of action. A transformational approach across the catchment is needed, as current management practices are estimated to reduce the average annual rate of sediment loss to the Kaipara Moana by 12-13 percent – a slower and less significant reduction than required to achieve KMR outcomes.

While good progress has been made in scaling up Kaipara Moana Remediation in the first full year of operations, work is still needed to expand KMR operations and investments in line with its original design. Progress over the coming year in the following areas will be key to accelerating sediment reduction activities across the catchment and achieving KMR outcomes:

Soil Conservation Strategy

The Soil Conservation Strategy will expand KMR investment beyond its current relatively narrow focus on projects near waterways to include larger-scale sediment reduction projects in erosion-prone, hill country. Taking a whole-of-landscape approach to reducing sediment is key to scaling up KMR as planned

and achieving the expected benefits and outcomes. A Reference Group has been convened, bringing together iwi / hapū, landowner and industry experience and expertise. It is expected early-stage directions for the Soil Conservation Strategy will be confirmed in early 2023.

Accelerating landowner uptake

Co-funding from third parties and contributions of free or cost-reduced materials have already been successful in reducing barriers for landowners wishing to take action to reduce sediment risk, and KMR will continue to develop such approaches in the coming year. Early work has started on additional measures to incentivise landowners to take action. Innovations that we are considering include a 'Finder's Fee' for KMR partners and Field Advisors who identify landowners that meet KMR criteria and subsequently commit to take action. In addition, while respecting landowner choice, we are exploring how to reward suppliers, contractors and nurseries who identify suitable landowners with a first-right-of-refusal to the resulting project work. We are also considering how to develop and support large-scale flagship sites in locations facing severe erosion risk, and where taking action to reduce sedimentation would also bring important cultural, biodiversity, climate resilience and societal benefits.

Empowering and engaging communities

Ki te kotahi te kākaho, ka whati; ki te kāpuia, e kore e whati - When we stand alone we are vulnerable but together we are unbreakable. In 2022-2023, KMR is working to further reduce sediment flows into the Kaipara Moana by supporting the planting of more than 500,000 native plants and a further 250km of fencing, among other key performance targets. This will require ongoing and concerted activity across the catchment. While the current focus from KMR has been on working one-to-one with landowners, there are opportunities to better support iwi/hapū groups, landcare and catchment groups, local kaitiaki groups, trusts, community groups and others who wish to take action on private or public lands in line with KMR criteria. While KMR already engages actively in the community, we are largely reliant on our partner networks and their time and resources. There is more to be done to engage with communities and support them to take the first step. We are therefore considering include a lighter-touch process for community-facing projects, hosting free community workshops and hui which include a training and demonstration component, and providing free trees to groups that are resource-constrained. Such initiatives are likely to be conditional on working with our KMR partners and accredited providers. KMR is scheduled to attend various Field Days in 2023 and other relevant in-person community and sectoral events, and will continue to run our Partnership Forum, engagements on marae around the catchment, and media and digital outreach, including ongoing case studies and profiles.

Kōrero Tuku Iho

The Kōrero Tuku Iho (Mātauranga Māori) project seeks to gather stories, memories, histories, values, and deeper understanding of the whenua, awa and moana. Kōrero Tuku Iho may also bring to the surface aspirations for retirement of land, seedbank opportunities, planting of taonga species in the right place, growing species for food and medicinal purposes, and alternative land uses that protect the waterways while generating new revenue. A Reference Group of Kaipara Uri members, pūkenga and others with expertise in cultural understanding and practice will be convened, and a project methodology agreed to

develop Korero Tuku Iho. Ultimately, it is envisaged that Kōrero Tuku Iho will inform KMR's sediment reduction plans (SRP), influencing policy and regional plans and supporting investments to reduce erosion risks to the Moana.

Workforce Development

As a Jobs for Nature programme, further work is planned to support the cohort of KMR Field Advisors, including kaitiaki Field Advisors. Further development of the Field Advisor Community of Practice is planned, as well as working with NZARM to identify immediate training and development opportunities under the newly signed MOU. In addition, once KMR's Workforce Development Lead role is filled, work will resume with MSD and the Kaipara Uri to progress opportunities under the MOU signed in late 2021 between KMR and MSD, ranging from attracting and supporting rangatahi into KMR work through to partnering with third party providers to shape and access micro-qualifications that support KMR's outcomes, and which are recognised nationally to help transition the KMR workforce into long-term, nature-based careers.

Freshwater Farm Plans

Sediment is a key contaminant of freshwater, coastal and marine environments in the Kaipara Moana catchment and harbour, and will be a critical part of the Kaipara catchment context under coming freshwater farm plan regulations. The sediment reduction planning and actions that farmers are undertaking through KMR are already well aligned to these coming regulations, which will require farms above a certain size to prepare Freshwater Farm Plans. KMR currently offers free farm planning support, and will face a strategic decision about when and how to best align with regulatory requirements to encourage uptake of on-farm action to reduce sedimentation.

Outcomes Monitoring and Evaluation

INFOGRAPHIC: Outcomes Framework

KMR is already working with the Ministry for the Environment, Auckland Council and Northland Regional Council to develop an appropriate freshwater quality monitoring regime. A wider outcomes monitoring and reporting framework will also be developed. Understanding how KMR is performing over time is an important way of both ensuring high-quality expenditure of public money and telling the story of how the investment is making a difference, both environmentally, and to people living in the catchment. Further work with all partners is planned to ensure that performance measures are meaningful and appropriate, and that supporting data and research results are available over time. We are also looking to develop and implement a quality assurance programme in 2023.

Digital Tools

Currently, KMR operates on a ‘first in, first out’ and ‘on demand’ model of investment, working with willing landowners and groups in the context of a voluntary programme. There is currently no explicit competition for funding through set funding rounds, with all projects meeting KMR criteria approved for funding. This is an appropriate setting for now, given that the KMR programme is still early stage, and the focus is on building broad engagement and support, and rapidly scaling up the programme. Other, similar large-scale programmes such as the Waikato River Authority also started this way. However, once the digital tools are available to more accurately pinpoint areas of highest erosion risk and remediation potential, KMR expects to adopt a more mature investment strategy, to both support locally-driven projects that meet criteria, and target projects in high-risk areas. A strategy-led, spatially-targeted approach is likely to ensure that KMR investment delivers sediment reduction outcomes both time- and cost-effectively. To this end, KMR anticipates moving to develop a spatially explicit Investment Strategy over time. Work is expected to begin on this once final settings are known in respect of the Soil Conservation Strategy and as Tātaki Wai comes on line.

TEXT BOX: Tātaki Wai – Water Quality Catchment Model. In collaboration with Auckland Council and Northland Regional Council, KMR is building a water quality catchment model, Tātaki Wai, to target investment at key sources of erosion and increase the speed, effectiveness, and efficiency of its actions across the 6,020 km² catchment of the Kaipara Moana. Tātaki Wai is based on open-source models developed by the United States Environmental Protection Agency which have been used globally to support water management decision-making across a wide range of pollutants, catchment conditions, and management scenarios. Both models used are process-based, continuous models able to forecast the effects of different land use patterns and management interventions on short-term pollution events and long-term water quality. The key relationships between land characteristics, land use, meteorological events, and environmental response are well established, while the conceptual model underpinning the design of Tātaki Wai has been assessed by an independent expert panel to confirm it provides a sound basis to support decision-making in the Kaipara Moana catchment.

Tātaki Wai is in development now, tailoring modelling to the Kaipara context using local and nationally available datasets (e.g., state of environment monitoring, physiographic layers, land cover and land use layers, local climate station and virtual climate station networks). Once this is complete, in late 2023. Tātaki Wai will be used to facilitate farm adviser and landowner action-planning, leading to the development of targeted, evidence-based ‘sediment reduction plans’ that deliver KMR’s vision for the least cost. Tātaki Wai’s design will also allow KMR to forecast the effect of actions in sediment reduction plans and adaptively manage ongoing investments. Importantly, forecasting actions allows KMR to model the future benefits these actions will bring – many years and sometimes decades before these effects are likely to be observable.

Mahere Mahi ā Tau - Annual Work Plan (Year Two)

Project	Project summary	Budget				Actual			
		Crown	Council	Landowner other	Total	Crown	Council	Landowner other	Total
Remediation		\$6,077,583	\$1,078,105	\$6,342,710	\$13,498,398	\$1,809,394	\$655,188	\$1,852,994	\$4,317,576
K2021-001 Sediment Reduction Plans – Remediation Grants Funding	Delivery of grant funding to landowners across the Kaipara Moana catchment through Sediment Reduction Plans. Sediment Reduction Plans are a precursor to full Farm Environment Plans. Landowner engagement takes place with a trained (contracted) KMR Field Advisor. KMR contributes 50% of the market-standard cost of works through a grant, with the landowner covering the balance through cash or in-kind contributions. Most sediment reduction projects are supported by Landowner Grants, with a Whenua Whānui Fund also available to support iwi / hapū and community partnerships. Outputs from this investment are summarised in the Year 2 results infographic. Budget for committed works will carry over into 2022-23 for payment once these works are confirmed as completed.	2,700,000	300,000	3,000,000	6,000,000	647,753	252,771	680,696	1,581,220
K2021-002 Kaipara Uri Partnership	Service delivery contract signed in October 2021 with Environs Ltd (Te Uri o Hau Trust acting on behalf of Kaipara Uri), as a pilot for a longer-term arrangement with Kaipara Uri. The contract includes delivery of Sediment Reduction Plans, with a particular focus on Whenua Whānui Fund projects. This has enabled employment of three Field Advisors who are working across the rohe.	227,250	227,250	0	454,500	219,158	119,371	0	338,528

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<p>K2021-003 Catchment Reference Group Projects</p>	<p>Identification and development of sediment reduction projects (consistent with KMR objectives and grants funding criteria) by iwi/hapū groups in upper-catchment river systems not affiliated to Kaipara Uri. This funding assists these groups to deliver sediment reduction projects with landowners. Engagement on marae and in hui was undertaken with groups to discuss the proposed Catchment Reference Group approach and identify suitable projects. This budget will roll over into the next financial year.</p>	560,000	100,000	500,000	1,160,000	0	0	0	0
<p>K2020-005 NRC (North Kaipara) Grants Funding</p>	<p>On-farm sediment reduction works begun in the 2021 calendar year under Northland Regional Council’s Environment Fund. This fund supports suitable projects as KMR processes and criteria were put in place. All sediment reduction projects under this fund were contracted in 2020-21. 29 fencing projects with landowners were completed in Year 2, resulting in more than 34km of fencing. Grants payments are matched by landowner contributions.</p>	0	278,016	260,018	538,034	0	242,057	172,764	414,821
<p>K2020-006 Fonterra Tiaki Partnership</p>	<p>A partnership contract between Fonterra and KMR was negotiated and concluded. 109 Tiaki Farm Environment Plans (FEPs) were completed in Year 2 under the contract, and 46 Fonterra farmers contracted for grants funding with work underway (\$468,294 granted). Fonterra provides an in-kind contribution of \$3,000 per Tiaki FEP. Landowner contributions match grant funding. Fonterra farmer uptake has increased significantly with the increase in Fonterra Sustainable Dairy Advisor capacity.</p>	1,455,000	91,556	1,350,000	2,896,556	900,013	1,082	795,294	1,696,389

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	Remaining budget will roll over for delivery in 2022-23.								
K2020-007 Waiotū Catchment Care Group	Engagement undertaken, but slower pace of landowner uptake than anticipated, hindered in part by COVID-19 restrictions. Two remediation projects completed (\$9,302 granted) with other projects in development.	865,000	73,003	750,000	1,688,003	11,053	15,708	9,303	36,063
K2020-008 Waterway Wetland Remediation – Forest Bridge Trust	This partnership with The Forest Bridge Trust (TFBT), which began in 2020-21, delivered remediation projects with 12 landowners over the contract period. In 2021-22, over 13km of fencing was completed, with 2.8km contracted for completion by summer 2023. Landowner contributions are accounted for when projects are completed. Significant delays were experienced due to COVID-19 lockdown restrictions in the Auckland region, where TFBT operates. This resulted in an extension of contract timeframes to 30 June 2022, and slower than anticipated project completion.	270,333	8,280	482,692	761,305	31,417	24,200	194,938	250,556
Advocacy & Influence		\$130,000	\$130,000	\$0.00	\$260,000	\$130,000	\$17,785	\$0.00	\$147,785
K2021-004 Communications Strategy Implementation	KMR branding was completed, an interim website established, and key public-facing communications products produced. A range of profiles and stories of landowners, staff, suppliers and nurseries were completed to showcase KMR projects and people, including in te reo Māori. A social media presence was established to create more inclusive avenues for communication. Six Pānui were produced and sent to a growing database, and other	130,000	130,000	0	260,000	130,000	17,785	0	147,785

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	digital communication tools established. A KMR Partnership Forum was established and online and in-person meetings run to outline the KMR programme and funds. A number of marae-based engagements and hui with iwi/hapū groups were held, as well as engagements in the community and presentations to sector and other groups in the catchment.								
Governance, Management & Planning		3,995,130	2,045,955	0	6,041,085	1,765,156	1,178,583	0	2,943,740
K2021-005 Kaipara Maurikura	The Kaipara Maurikura was established with Pou Tātaki and ten other staff employed in late 2021 and early 2022, supported by two part-time secondees from Auckland Council and 3 contractors. Office space in the NRC offices established. Business, administration, and other systems in place or in final stages of development. Governance needs of the Joint Committee serviced.	1,100,000	1,100,000	0	2,200,000	845,651	932,322	0	1,777,973
K2021-006 Governance Costs	Governance, oversight, and decision-making for the KMR Programme provided by the 12-member Kaipara Moana Remediation Joint Committee, with eight formal meetings and five workshops held.	0	200,000	0	200,000	0	47,709	0	47,709
K2021-007 Digital tools for Sediment Reduction Plans and grant funding administration	Contracts negotiated and finalised, and development work underway for delivery of an integrated farm planning and grant management tool. Contracts are with: My Community (for SmartyGrants platform) and Media Suite (for Farm Planning / Sediment Reduction Plan tool, Mātai Onekura). These tools are expected to 'go live' by the end of 2022 and will enable cost-effective delivery	500,000	200,000	0	700,000	277,808	0	0	277,808

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	of Sediment Reduction Plans and project grants at scale.								
K2020-011 Digital tools – design, preparation and procurement	Project completed with Digital Tools Strategy in place, contracts negotiated and finalised with third party providers (refer K2021-007).	91,470	0	0	91,470	73,666	11,420	0	85,086
K2020-012 Fresh Water Management Tool – Kaipara	Project to deliver a water quality accounting framework for KMR (Freshwater Management Tool, Tātaki Wai) that will support prioritisation of investment and reporting on KMR progress in improving water quality. Following delays due to COVID-19 impacts and alignment with new datasets from KMR and partners, delivery contracts were concluded with two third-party providers commencing from June 2022 (signed May 2022). Build now underway and expected to be complete in November 2023.	1,270,000	266,850	0	1,536,850	6,320	65,835	0	72,155
K2020-015 Land Features – Highly Erodible Land Delineation	Categorisation, delineation and improved understanding, resolution and mapping of erosion terrains and highly erodible land (HEL) by bringing together several resources and data sets already available, with the addition of oblique aerial photography. The outputs of this work will enable KMR to	260,000	8,623	0	268,623	123,400	0	0	123,400

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	target investment to highly erodible land in the catchment. The project start date was delayed, with final delivery and payment (\$100,200) now due in October 2022. Budget to cover the remaining payment will roll over into 22-23.								
K2020-016 Wetland Features –Mapping, delineation, and prioritisation	Automated geospatial identification of wetlands greater than 500m ² using existing resources and data, with the addition of oblique aerial photography. The outputs of this work will enable KMR to identify wetland areas that require restoration to manage overland flows and reduce sediment delivery to waterways. The project start date was delayed, with final delivery and payment (\$103,600) now expected in late 2022. Budget to cover the remaining payment will roll over into 22-23.	235,000	11,153	0	246,153	67,550	0	0	67,550
K2020-009 Advisor Training and Accreditation	Development and implementation of KMR training to upskill Field Advisors including tangata whenua, to work alongside landowners. 38 people were trained in 2021-22, of whom 19 were contracted as Field Advisors to develop Sediment Reduction Plans. Further engagement about the opportunities for training as a KMR Field Advisor was held for kaitiaki and other interested parties. Mentoring for Field Advisors was conducted, and a Community of Practice was established to facilitate ongoing support and accredited training opportunities for these Advisors.	200,000	15,101	0	215,101	109,902	12,008	0	121,910

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<p>K2020-002 Kaipara Nursery Strategy (Stage 2)</p>	<p>Planting guides, plant lists and other supporting documentation completed. Accreditation process undertaken with 19 nurseries. Coordination with nurseries to ensure all planting projects are matched with high quality, eco-sourced, site-appropriate plants.</p>	136,000	10,000	0	146,000	128,700	618	0	129,318
<p>K2020-004 Te Paiaka – Native Root Project</p>	<p>Te Paiaka – Native Root Project was a project between KMR and Auckland Council, collecting quantitative data on root characteristics of selected native riparian plants. The project assessed root tensile strength and root architecture of 11 native riparian species from three different age classes with the results analysed for effect on bankside erosion rate. The project identified recommended several species of high potential for streambank erosion mitigation. We will be incorporating the results into KMR Planting Guide, assisting plant selection in KMR planting projects.</p>	70,000	107,516	0	177,516	34,605	105,000		139,605
<p>K2020-14 Kōrero Tuku Iho (Mātauranga Māori Strategy)</p>	<p>Establish an understanding of the contribution of Mātauranga Māori and western science at a level that can be applied to the KMR work programme, with a particular focus on bring local environmental knowledge to bear on remediation projects and planning. KMR has a contract with Environs Ltd (acting on behalf of Kaipara Uri) to deliver this project. Project planning and engagement has begun. Remaining budget will roll over into 22-23.</p>	80,300	23,000	0	103,300	48,430	0	0	48,430

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<p>K2020-014 The South Kaipara Streams Project – Stage 1</p>	<p>The project encompassed the Kumeū-Kaipara and Kaukapakapa Rivers of the South Kaipara, which have approximately 2,000km of permanent watercourses and stretch over 480km² of predominantly rural land-use. It developed a methodology to enable rapid identification of eroding sections of stream in order to better target mitigation and prioritise investment. The project won this year’s Eagle Technology New Zealand LiDAR Competition Award and will inform future KMR engagement and grants funding.</p>	52,360	3,713	0	56,073	49,125	3,672	0	52,797
<p>K2021-008 Soil Conservation Strategy</p>	<p>The Soil Conservation Strategy development has begun, aligned to similar work in train by Councils, but budget will be spent in 2022-23.</p>	0	100,000	0	100,000	0	0	0	0

Rāpopoto Ahupūtea - Financial Summary

	MFE	Councils	Landowners / Other	Total cash contributions	Council	Landowners / Other	Total in kind expenditure	Total expenditure
Funding	\$9,100,415	\$1,442,768	\$69,571	\$10,612,754				
Workstream expenditure								
Remediation	\$2,002,769	\$252,971	-	\$2,255,740	\$99,382	\$1,852,994	\$1,952,376	\$4,208,116
Advocacy & Influence	\$142,747	\$250	-	\$142,997	\$4,788	-	\$4,788	\$147,785
Governance, Management & Planning	\$1,502,896	\$1,129,272	\$56,138	\$2,688,307	\$364,893	-	\$364,893	\$3,053,200
Total expenditure	\$3,648,412	\$1,382,493	\$56,138	\$5,087,044	\$469,063	\$1,852,994	\$2,322,058	\$7,409,101
Funding carried over to 2021/22	\$5,452,003	\$60,275	\$13,432	\$5,525,710				

Tātari - Agreed Procedures Report

In order to comply with the relevant clauses of the Kaipara Moana Remediation Deed of Funding, Deloitte Limited was engaged to undertake an agreed procedures engagement in relation to particular aspects of the project's funding sources and expenditure. This report has been provided to the Ministry for the Environment as required by the Deed.

APPENDIX 2: Expenditure

Selections for expenditure per project general ledger					Supporting documentation (invoice)						Deloitte assessment	
Sample #	Category	Date	Description	Amount (ex. GST)	Invoice Ref.	Description per invoice	Vendor	Further Explanation	Invoice Date	Amount (ex. GST)	Details agree?	Variance
1	In-kind contribution - Northland Regional Council Operational Costs	17/03/2022	KiwiSaver Company Contribution	1,115				Deloitte has sighted the fortnightly pay run 1433 from 26 February 2022 to 11 March 2022. Deloitte notes that this represents the KiwiSaver Contribution for employees that are within the Kaipara Moana portion of the organisation chart. As a result, accept this sample represents costs that are attributable to the Kaipara Moana Remediation Project.		1,115	Yes	0
2	In-kind contribution - Northland Regional Council Operational Costs	15/09/2021	Vehicle running costs	58	58594384	Fuel Costs	BP Oil New Zealand Limited	Deloitte has sighted the BP invoice and notes in the invoice that the Cost Centre 3101 relates to the Kaipara Moana Remediation Project and furthermore in the Card Details 2 column it states "KMR". This relates to fuel costs for an employee in the Kaipara Moana Remediation Project.	31/08/2021	58	Yes	0
3	In-kind contribution - Northland Regional Council Operational Costs	14/02/2022	Cell phones call costs	58				2. This amount represents Ben Hope's phone bill for 01/02/2022 to 28/02/2022. Deloitte notes that Ben Hope is an employee within the Kaipara Moana Remediation Project. He is the Ringa-Parongo/Communications Lead Whangarei for the		58	Yes	0
4	In-kind contribution - Auckland Council Operational Costs							Auckland Council in-kind operational cost relates to the cost of external contractors paid by Auckland Council. These costs were engaged on these specific projects: Te Paiaika, South Kaipara Streams and a Sediment Reduction planting project. Deloitte has traced these costs through to email confirmations and invoices received from Auckland Council. Auckland Council have confirmed a balance of \$360,856 which does not agree to the amount of \$361,776 of in-kind contribution for Auckland Council operational costs.			No	920
5	Landowner In Kind Costs		Waiotu Catchment Care Group APP 036262.02.01	4,395	# 205	2 wire electric fencing	Kowhai Properties Ltd	Deloitte has sighted the request for environment fund payment that is dated 21 September 2021 relating to APP.036262.02.01 for Project Name: Kowhai Properties Limited. This document has the following details: Land Management Advisor - Simon Webb (Land Management Advisor) Person(s) present at site visit - Simon Webb and Luke Beehre Date monitored - 16 September 2020 Comments - The site visit confirmed that the fence met or exceeded all the standards and conditions stipulated in the associated Schedule 1 document (id: IRIS0058-825152359-12161). The fencing is of a very good standard, with the No. 2 posts firmly rammed in the ground at an average of 8m spacing. All connections to existing fences are sound, and the enclosed area is fully stockproof. The distance to the watercourse 'bankfull' margin exceeds 3.0m on all three fences. This has been signed by the Handling Officer Simon Webb (Land Management Advisor) on 29th September 2021 and Authorising Officer Kelly Drake (Kaipara Land Manager) on 30th September 2021.	27/09/2021	4,395	Yes	0
6	Landowner In Kind Costs		NRC Grants Funding APP.042502	4,065	434657	Subsidy towards fencing cost	Imeson Diaries Ltd	Deloitte has sighted the request for environment fund payment that is dated 22 February 2022 relating to APP.042502 for Project Name: Todd Bradley Imeson This document has the following details: Land Management Advisor - Simon Webb (Land Management Advisor) Person(s) present at site visit - Simon Webb and Todd Imeson Date monitored - 14 February 2022 Comments - The site visit confirmed that the fence is well constructed and meets the standards as stipulated in the Schedule 1 for this Application [IRIS0057-167206625-4764]. The posts are at least No.2 rounds. The posts are firm in the ground and within the maximum spacing limits for the type of fence. All connections to existing fences are sound, and the enclosed area is fully stockproof. The distance to the bank full line exceeds the required 3m minimum, with the only pinch points being where the new fence connects to an existing one or a gateway. This has been signed by the Handling Officer Simon Webb (Land Management Advisor) on 30th March 2022 and Authorising Officer Lisette Rawson (Amo - Rauora Kōawa Catchment Remediation Manager) on 11th April 2022.	15/03/2022	4,065	Yes	0
7	Landowner In Kind Costs		Remediation Grants through SRP APP.043885	1,853	INV-4447	50% deposit on plant value for APP.043885 - Gillett	Rural Design (1984) Limited	This relates to a project that was approved in 2021/22 and either not completed or partially completed. This project has not been signed off yet. The payment made is to a nursery for winter planting. The landowners have collected (or had delivered) the plants, and planted them this winter. KMR only provide final verification and payment for completion 6 months after planting. The value of landowner contribution at this point in the process is equivalent to the nursery payment; this is because KMR pays 50% of the cost of the seedlings to the nursery and the landowner pays the remaining 50% upon collection/delivery	21/06/2022	1,853	Yes	0

8	Landowner In Kind Costs	Remediation Grants through SRP APP.042939	2,217	INV-0120	50% Deposit - Williams (APP.042939)	Te Ara Native Nursery Ltd	This relates to a project that was approved in 2021/22 and either not completed or partially completed. This project has not been signed off yet. The payment made is to a nursery for winter planting. The landowners have collected (or had delivered) the plants, and planted them this winter. KMR only provide final verification and payment for completion 6 months after planting. The value of landowner contribution at this point in the process is equivalent to the nursery payment; this is because KMR pays 50% of the cost of the seedlings to the nursery and the landowner pays the remaining 50% upon collection/delivery	10/05/2022	2,217	Yes	0	
9	Landowner In Kind Costs	Remediation Grants through SRP APP.043710	6,168	KM2201	Plants to be delivered to Hawking Road, Kaipara Flats – address to be advised. This interim invoice is for 50% of plant costs.	Miro Agri Ltd	This relates to a project that was approved in 2021/22 and either not completed or partially completed. This project has not been signed off yet. The payment made is to a nursery for winter planting. The landowners have collected (or had delivered) the plants, and planted them this winter. KMR only provide final verification and payment for completion 6 months after planting. The value of landowner contribution at this point in the process is equivalent to the nursery payment; this is because KMR pays 50% of the cost of the seedlings to the nursery and the landowner pays the remaining 50% upon collection/delivery	2/06/2022	6,168	Yes	0	
10	Landowner In Kind Costs	Fonterra Tiaki	795,294	Deloitte has obtained Fonterra KMR Report. This report captures all the FEPs and remediation activities that Fonterra has undertaken including the following: 1) Date 2) Farm Size 3) Catchment 4) Job Type 5) Date approved 6) Date verified as completed Deloitte has obtained this report from a direct email from George Kruger (Sustainable Dairying Advisor - Fonterra) to Stephanie Versteeg (KMR - Strategic Business Manager)					795,294	Yes	0	
11	Landowner In Kind Costs	Waterway/Wetland Remediation TFBT	194,938	Deloitte has obtained the KMR Report from The Forest Bridge Trust. There is an agreement signed 25 May 2021 ending 30 June 2022 with the Forest Bridge Trust and KMR. The purpose of the agreement is to support The Forest Bridge Trust (TFBT) to build organisational capacity to engage and enable landowners to protect bush and riparian areas identified as having potential for high sediment loss and the objectives of the agreement are the following: 1. Fifteen landowners engaged in the programme and undertaking action. 2. 35km fencing completed to protect areas of potential high sediment loss. 3. 2 landowners better positioned to begin future fencing projects. 4. Employment created for 6 people. Deloitte has sighted the report from The Forest Bridge Trust to KMR with the work undertaken and how the above objectives have been met.					194,938	Yes	0	
12	Kaipara Moana Remediation Operational Costs	22/03/2022	Catering - non council meetings	1,445	Deloitte has sighted a receipt from Pak n Save dated 07/03/2022. KMR was having a one week long field advisor training. This relates to catering for this training.					1,445	Yes	0
13	Kaipara Moana Remediation Operational Costs	22/03/2022	Consultants	2,550	INV-0005	Refer to Further Explanation Column - Details the description of the invoice	Kervill Consulting	Per the invoice, this sample relates to the provision of technical, operational and management advice and implementation to Kaipara Moana Remediation Programme as per approved contract(s) with KMR. The technical advise was to help develop and oversee a contract that will deliver a spatial map of wetlands for the Kaipara Catchment.	14/03/2022	2,550	Yes	0
14	Kaipara Moana Remediation Operational Costs	20/09/2021	Computer Software Maintenance	3,308	Invoice #: D50507210802	Refer to Further Explanation Column - Details the description of the invoice	Information Leadership	Per the invoice, this sample relates to Northland - KMR - Build - (Core, DM, Project Initiation and Project Management). This relates to information services for the KMR establishment.	31/08/2021	3,308	Yes	0
15	Kaipara Moana Remediation Operational Costs	7/12/2021	Publicity / Education Promotions	83	266980	Refer to Further Explanation Column - Details the description of the invoice	Matakohe Holiday Park	This relates to coffees and food at Gumdigger Café during a KMR training event.	6/12/2021	83	Yes	0
16	Kaipara Moana Remediation Operational Costs	26/11/2021	Contractors	65,000	INV-0071	Refer to Further Explanation Column - Details the description of the invoice	Biospatial Ltd	Per the invoice, this sample relates to the initial aerial survey of the Kaipara Moana catchment for data verifications.	1/11/2021	65,000	Yes	0
17	Kaipara Moana Remediation Operational Costs	30/05/2022	Contractors	300,000	277224	Refer to Further Explanation Column - Details the description of the invoice	Fonterra Farm Source	Per the invoice, this sample relates to the third payment under clause 4.2 of the Fonterra Tiaki Partnership Project Funding Agreement - this relates to payment to Fonterra as per contract to deliver Farm Environment Plans and remediation works with landowners	11/05/2022	300,000	Yes	0
18	Kaipara Moana Remediation Operational Costs	26/04/2022	Contractors	18,000	0137	Refer to Further Explanation Column - Details the description of the invoice	Studio North Limited	Per the invoice, this sample relates to the Nursery & Planting Consultation for KMR (interim payment 2 of 6)	30/04/2022	18,000	Yes	0
19	Kaipara Moana Remediation Operational Costs	24/03/2022	Cell phones call costs	46	Deloitte has sighted work related expense claim form for Justine Daw (Pou Tatak GM - Kaipara Moana Remediation). This sample selected relates to Justine's January 2022 Vodafone Bill. Deloitte notes this expenses claim was approved by Malcolm Nicolson (CEO of NRC) on 24 March 2022.					46	Yes	0
20	Kaipara Moana Remediation Operational Costs	28/02/2022	Contractors	2,313	01961456	Refer to Further Explanation Column - Details the description of the invoice	WSP New Zealand Limited	Per the invoice, this sample relates to Professional Services for the period ending 9 November 2021 - South Kaipara GIS Stream Erosion Assessment (data collection for this project)	12/11/2021	2,313	Yes	0
21	Kaipara Moana Remediation Operational Costs	11/02/2022	Koha/donations	150	Deloitte has sighted payment request for Dave Coyne relating to the KMR Maurikura Dedication. This payment request is dated 3 December 2021 and is authorised by Auriole Ruka.					150	Yes	0
22	Kaipara Moana Remediation Operational Costs	22/03/2022	Env Fund Water Quality/Biodiversity	15,836	802	Refer to Further Explanation Column - Details the description of the invoice	Ake Ake Equestrian	Per the invoice, this sample relates to KMR Fencing Project Grant - APP.043205. This is payment for completion of a sediment reduction fencing project.	22/02/2022	15,836	Yes	0
23	Kaipara Moana Remediation Operational Costs	18/11/2021	Env Fund Water Quality/Biodiversity	9,603	100	Refer to Further Explanation Column - Details the description of the invoice	Kim Phillips	Per the invoice, this sample relates to a project to plant 7700 native riparian trees. This is payment for completion of a sediment reduction planting project.	21/09/2021	9,603	Yes	0

24	Kaipara Moana Remediation Operational Costs	20/09/2021	Recruitment Expenses	3,150	B00083	Refer to Further Explanation Column - Details the description of the invoice	Vaney Executive Search	Per the invoice, this sample relates to services as an Executive Search Consultant (August 2021), including: <ul style="list-style-type: none"> Continued internet/LinkedIn research and source calls to identify potential candidates Final candidate approaches and completion of search activities Ongoing client correspondence Screening/CV chats with confirmed candidates Longlist Meeting Release of unsuccessful candidates and correspondence with shortlist candidates 	2/09/2021	3,150	Yes	0
25	Kaipara Moana Remediation Operational Costs	13/07/2021	Non-member representation on council committees	87	INV-0673	Refer to Further Explanation Column - Details the description of the invoice	Te Uri O Hau Settlement Trust	Per the invoice, this sample relates to Mileage for workshop at Wellsford. This was payment to governance board member for cost incurred.	28/06/2021	87	Yes	0
26	Kaipara Moana Remediation Operational Costs	7/12/2021	Publicity / Education Promotions	1,317	266980	Refer to Further Explanation Column - Details the description of the invoice	Matakohe Holiday Park	Per the invoice, this sample relates to accommodation for 29 November to 3 December 2021 at Matakohe Holiday Park. This accommodation was for a field advisor training event.	6/12/2021	1,317	Yes	0
27	Kaipara Moana Remediation Operational Costs	16/10/2021	Consultants	8,880	#0052	Refer to Further Explanation Column - Details the description of the invoice	Penny Pirrit Consulting	Per the invoice, this sample relates to Kaipara Maurikura recruitment process. Penny Pirrit was contracted to provide support for recruitment.	30/09/2021	8,880	Yes	0

Selections for staff time per project general ledger					Supporting documentation (timesheet)					Rate		Deloitte assessment		
Sample #	Sample	Date	Description	Amount	Date	Employee	Hours worked	Explanation	Rate	Explanation	Details agree?	Variance		
28	In-kind contribution Auckland Council Payroll		Auckland Council in-kind payroll relates to labour cost for those staff that are employed by Auckland Council and provide services for the Kaipara Remediation Project. A breakdown was provided by Auckland Council at 30 June 2022 and details employee names and hours worked per month. Auckland Council have confirmed a balance of \$325,296 which agrees to the amount of \$325,296 of in-kind contribution for Auckland Council payroll.										Yes	0
29	In-kind contribution Northland Regional Council Payroll	20/07/2021	Employee Number 1079 (14/07/2021)	103	14/07/2021	Employee Number 1079	1.00	Per discussion with Vincent McCall (NRC), Employee Number 1079 is an NRC employee that was contracted for the Kaipara Moana Project as a Land Management Specialist. He was part of a short term interim contract to establish the technical and operational management of the Kaipara Moana Remediation Programme.	103	Council have determined rates based on the charging policy.	Yes	0		

Attachment 2: Ministry for the Environment Validation Report



Ministry for the
Environment
Manatū Mō Te Taiao

Kaipara Moana Remediation

Output Validation Audit Engagement

New Zealand Government

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1. Objective

The overall objective of this audit engagement is to assess the adequacy and effectiveness of “Output Validation of Kaipara Moana Remediation” in Jobs for Nature reporting. This report also covers the audit findings and sources which led to understand the present output validation process.

1.1 Scope and Source

The scope of the audit was focussed on evaluating the output validation process used by KMR through desktop audit.

The source was information sent by the KMR team to Mfe Senior Analyst Assurance (Project Implementation and Assessment).

Phase 1 interview which took place on 7/9/2022 from 11AM to 12PM and 29/9/2022 from 12PM to 1PM with the below participants:

- ◆ Stephanie Versteeg, KMR Strategic Business Manager
- ◆ Lisette Rawson, KMR Catchment Remediation Manager

Phase 2 interview which took place on 29/9/2022 from 1PM to 2PM with the below participants:

- ◆ Stephanie Versteeg, KMR Strategic Business Manager
- ◆ Justine Daw, KMR Pou Tātaki

2. Process Analysis

There are a number of review (validation) steps in the development of a SRP to ensure that the KMR programme invests in activities within scope of the funding criteria, and that quality standards are met. This includes an initial screening of the Landowner's Expression of Interest by KMR staff, initial review of the project and check-in with the Landowner by the Field Advisor assigned to the project, followed by a Field Advisor visit to the project site(s). In developing the SRP, the Field Advisor also makes use of technical digital (GIS) information which enables accurate mapping of the project and its extent. Once the next-generation KMR Digital Tools are 'live' (by early 2023), KMR will have access to high-accuracy digital information and mapping to monitor project progress and delivery.

There are also currently 8 review (validation) steps involved in the KMR programme once an SRP has been submitted. The steps and the validation process are listed in the table below, and include independent peer review, visits to the project sites and senior-level sign-offs. An assurance programme is also scheduled for development which would allow for independent (third party) validation of a selection of project works on a randomised basis to provide additional assurance.

Steps	Validation Technique
Submission of SRP	Each SRP is submitted online by the assigned Field Advisor via KMR website, supported by formalized SRP template and online mapping (GIS) information.
KMR Review	An initial in-house review of the SRP is undertaken by KMR staff. If questions arise, KMR checks back with the Field Advisor, who may also then re-engage with the Landowner.
SRP Peer Review Panel	An independent (external) panel peer reviews the SRP (quality of SRP; project alignment to KMR criteria; and if the project works meet regional and national rules. In the case of clarifications, the panel advises KMR staff who will work with the assigned Field Advisor to resolve issues identified.
Approval – in Principle	While the Peer Review Panel will recommend if an SRP is funded, the decision makers are senior KMR staff who have the financial delegations to approve KMR grant investments. The KMR senior staff review the SRP, the recommendation from the Peer Review Panel and either approve, or decline, the SRP for funding. Where a project has not been approved for funding, KMR may work with the Field Advisor to review and revise the SRP project so that it can meet KMR criteria.
Communication to landowner/applicant	A formal communication is sent out from KMR to the applicant informing them of the status of their application (either approved-in-principle for funding, or further work is needed to clarify the project and/or there are quality concerns, or the project is not approved for funding), and outlining next steps in the process. The Field Advisor is copied into this communication. For approved projects involving planting, a process to agree plant selection will begin at this time.
Landowner/applicant letter and contract	For approved projects, a letter and contract are drafted by KMR and sent to the applicant / landowner. There are a number of standard terms and conditions in the contract which are not negotiable to ensure KMR quality standards are met. The Landowner has an opportunity to review the letter and contract to check it.
Signing off remediation activities	The Landowner contacts the assigned Field Advisor: <ul style="list-style-type: none"> ◆ after fencing activity has been completed (if any), and ◆ within two weeks of planting (if any, 1st planting inspection), and again ◆ within six months of planting (if any, 2nd planting inspection).



	<p>The Field Advisor makes visits to the project sites at those points in time to verify the agreed works have been completed to agreed quality standards, and to check on the establishment of plants, post-planting pest control, and the release of plants. In terms of specific checks:</p> <ul style="list-style-type: none">◆ Before the visit: The Field Advisor needs to check with the applicant if the work has been completed before a site visit is planned◆ During the Visit: The Field Advisor must carry the project map(s) and SRP (agreement) and check project completion and quality against the SRP◆ 1st Planting Inspection: The Field Advisor checks that planting has been completed as per the SRP.◆ 2nd Planting inspection and sign-off: The Field Supervisor inspects and photographs the completed project work(s). If the plants do not have 80% survival rate (with exclusion of natural disaster) the Field Advisor informs the Landowner they might not receive the full payment.
Advising KMR of sign-off (for fencing and 2nd planting inspection)	<p>Following each site visit (as above), the Field Advisor sends an email to the KMR team to confirm the work has been completed as per the SRP agreement and to the standards required, along with some photo evidence.</p> <p>In case the Field Advisor has identified that work done does not align with the KMR SRP or KMR standards, the Field Advisor alerts KMR immediately (following each site visit), and works with KMR and the Landowner to remediate and fix the issue. While it is KMR's preference that all projects are resolved so that full payment can be made, in some cases, KMR and the Landowner will agree that a lesser payment will be made to reflect the project not fully meeting KMR project quality standards (this is most likely to occur in the case of lower than expected plant survival rates).</p>

3. Validation Process and Controls

3.1 Sources of data for preparation of KPIs in 2021/22 financial year

KMR Sediment Reduction Plans

- KMR currently uses NRC systems – Tech1 (finances) and IRIS (grant project data including financial information and KPIs)
- To generate KPIs, KMR primarily works with data from IRIS
- Cross check financial data with Tech1 to ensure consistency
- Any queries can be followed up with the grant coordinator, who will be able to access IRIS for supporting documentation (e.g. sign off documents attached) or check with the Field Advisor

NRC managed SRP projects and Waiotu catchment project

- KMR uses IRIS systems as per KMR SRP

Fonterra

- KMR extract necessary data from Fonterra reporting – Fonterra provide a spreadsheet each month
- Bulk pay Fonterra and the spreadsheet provides an overview of how this funding is used
- Similar to IRIS, the data provided allows calculation of KPIs
 - o What has been committed and/or completed within the financial year
 - o Count of FEP or grant agreements, and sum of total property area covered
- Because the spreadsheet is manually completed by Fonterra, KMR completes checks within the spreadsheet to ensure internal consistency of data, and can follow up with Fonterra staff if any queries/issues
- Fonterra provides spatial data that allows verification of their reporting, and also take photo points of the area before and after works are completed
- All project data is also captured in Fonterra’s farm planning tool, Tiaki

The Forest Bridge Trust

- Very similar to Fonterra
- TFBT provides photo points and descriptions of all works completed

3.2 Analysis and Controls

- Key statistics for each remediation project are captured in a single excel row (whether from IRIS, Fonterra, or TFBT)
- Controls on projects and validation processes to this point mean that KMR has high trust in data to generate KPIs
- KMR calculates KPIs for each data source (e.g. KMR SRP, NRC projects, Fonterra etc), broken down by status as relevant (e.g. committed, completed)
- KMR then aggregates these to generate KPI at a programme level
- The approach taken enables clear understanding and communication of the contribution to KPI of works that are:
 - o committed (but not yet signed off as completed)
 - o completed
- KMR works through this systematically, using Excel formulas, reviewing these for accuracy and undertaking checks for internal consistency
- Methods to avoid double-counting:



- In year 1, an SRP is generated and counts towards KPIs; the property area is also counted towards KPIs in Year 1
- Subsequent applications/projects will not be counted as an SRP in the KPIs, and property area will also not be counted again
- Currently this is achieved through manual checks
- At a programme level, KMR measures cumulative progress by counting ONLY what was completed in earlier years and adding that to 21/22 KPI

As KMR's Digital Tools become live, over time data relating to all projects will be kept in the single digital solution, enabling greater consistency of data, greater ease of analysis and reduced risk of human error.

3.3 System Data Entry and Validation

- The KMR Fund Administrator is the principal role that adds data to Tech1 and IRIS. The other role (as back-up) is the PA to the Pou Tātaki.
 - The first point of contact with IRIS is when a KMR Field Advisor has a new EOI. KMR Field Advisors need to request an IRIS number so they can access the NRC GIS system.
 - The IRIS number (which is shown as an APP number on letters to landowners) is generated by the KMR Fund Administrator by establishing a record in IRIS that includes the landowners name and address (or company name and address), phone number and email.
 - Once the SRP has been through the review and approval processes, the KMR Fund Administrator will ensure the approved SRP and the final contract are attached to the IRIS record for that landowner.
 - Once a site visit/sign off has taken place and a payment request is received from landowners, the IRIS record is updated with the payment request and the evidence of successful completion of the work to KMR contract and KMR standards.
- The KMR Fund Administrator, checks the information outlined in the contract (in IRIS) and the SRP (for Tech1) to ascertain the final amounts for remediation works that have been approved. This is then linked with the relevant invoices or evidence that remediation activities are to KMR contract and standards.
- There are 11 staff in KMR who have access to the KMR systems. We have recently added password protection to key reporting spreadsheets and five people now have access.
 - KMR stores reporting on Sharepoint. In the event of failure of Sharepoint systems, KMR could revert to source documentation i.e. IRIS reports, Fonterra reporting etc. to reconstruct reporting.
 - Once the digital solution is up and running, a report will be run monthly and saved on Sharepoint.

4. Findings

- ◆ Currently all the work related to output validation is completed by KMR operations staff, independent Peer Review Panel members, senior-level KMR approvers, and either in-house or external Field Advisors.
- ◆ The Field Advisors validate the project works as stages are completed, with KMR staff and the Field Advisor working together if the work does not meet the SRP agreement (i.e., the agreed area, extent and/or agreed types of works) and/or KMR standards (i.e., the quality standards expected for KMR funded project works).
- ◆ At the time of writing, there are approximately 250 projects under 'live' KMR SRP (contract), managed by the KMR operations team, support staff and senior approvers in KMR, and supported by wider NRC corporate services staff. At the time of writing, there is 1 in-house Field Advisor, 1 Field Advisor contracted directly to KMR, and 19 externally contracted Field Advisors who engage with Landowners and manage the review processes, validation, and signoffs for each SRP.
- ◆ The Validation email and the photographs sent by the assigned Field Advisor are reviewed by the KMR operations and support team members and uploaded into the present CRM system. Associated financial records are kept in the NRC IRIS system, and processed through the standard NRC invoice processing software (currently Tech1, transitioning to Microsoft Enterprise from early 2023).
- ◆ The KMR Fund Administrator, checks the information outlined in the contract (in IRIS) and the SRP (for Tech1) to ascertain the final amounts for remediation works that have been approved. This is then linked with the relevant invoices or evidence that remediation activities are to KMR contract and standards.
- ◆ Before the end of 2022, KMR is migrating to the SmartyGrants grants management system and a new Digital Tool (the Matai Onekura farm planning tool) which will serve as the next-generation grants and CRM system. The Digital Tools will 'go live' internally in KMR by the end of 2022 but will be tested and training provided to all KMR staff and Field Advisors before transition by 31 March 2023.
- ◆ Due diligence on landowners
 - 1) Where applicants indicate a company name or a well-established trading name, KMR does the following:
 - A Companies Register check
 - A directorship and shareholdings check
 - If shareholdings and directorship information do not show any clear connection with the person who has applied for funding, KMR will ask for specific authorisation in writing.
 - 2) Online checks for other entities (as applicable):
 - Charitable Trusts register
 - Incorporated Societies register
 - Māori land trusts registers
 - 3) For multiple-owned landblocks, or where one owner is acting on behalf of other landblocks owned by other landowners, KMR asks for a simple written authorisation in writing through email (where they copy the other landowners or if ownership structure is complex, KMR requests an email from the key representatives of the landblock confirming that they have made a joint decision to apply for funding and commit to remediation works).



- 4) Where significant level of trusts are involved, KMR will request proof of authorisation in writing from the Board of Trustees.
- 5) For private family farm trusts or where it is not possible to find out entity existence through a public register KMR asks for verification of the name of the trust. If landowners are not happy to share details of their trust structure, KMR will amend the application to be in personal names (rather than for the trust).
- 6) On verifying ownership of the landblock – The Property ID is completed by the Field Advisor who prepares the SRP, on the basis of GIS mapping layers.

5. Recommendations

5.1 Recommendations for KMR:

- ◆ Post project validation are critical to meet the agreed output with adherence to compliance requirements. Checklists can be developed for output validation based on the value and complexity of the project. This will help determine how and what projects are required to be validated.
- ◆ KMR can use quantitative and qualitative data from output validation to develop a trust-based framework. This trust model would provide, if the applicants are high, medium or low risk engagements for future projects.
- ◆ Restrict access to the KMR Funds Administrator on critical calculation columns in password protected excel sheets. This would help in avoiding any calculation errors.

5.2 Recommendations for the MfE Strategic Investment Team:

- ◆ It is recommended Strategic Investments Team consider re-visiting the below validation and process controls 12-months post implementation of the SmartyGrants grants management system and a new Digital Tool (the Matai Onekura farm planning tool).
 - Process on validation of data source
 - Process and controls around system data entry and validation

6. Abbreviations

- ◆ LO – Landowner
- ◆ FA – Field Advisor
- ◆ SRP – Sediment Reduction Plan
- ◆ KMR - Kaipara Moana Remediation
- ◆ NRC – Northland Regional Council
- ◆ KPIs – Key Performance Indicators
- ◆ J4N – Jobs for Nature
- ◆ EOI – Expression of Interest
- ◆ GIS – Geographic Information System
- ◆ TFBT - The Forest Bridge Trust
- ◆ Tech 1 – TechnologyOne
- ◆ IRIS - Integrated Regional Information System