

**KI A**

Te Whānau o Wairewa  
me Te Taumutu

**NĀ**

Linda Falwasser and the  
Tāwhaki team

**TE RĀ**

Ko te rua tekau mā rua o  
Mahuru 2023  
(22 September, 2023)

**TE KAUPAPA**

Latest Tāwhaki mahi

## Kia ora e te whānau,

We hope everyone is happy, healthy and enjoying the arrival of kōanga. We are loving seeing Kaitorete come to life with the new season and are feeling excited by the mahi ahead.

The team and I would love to share with you some of the highlights since our last pānui:

- 1) A collaboration agreement with Environment Canterbury
- 2) Whakawhanaungatanga on the whenua with whānau and Pest Free Banks Peninsula
- 3) Tāwhaki at the New Zealand Aerospace Summit 2023
- 4) Celebrating a successful first test flight with our friends at Aerosearch.

### Collaboration agreement with Environment Canterbury

We are happy to share that Tāwhaki and Environment Canterbury (ECan) will be working together to rejuvenate the whenua at Kaitorete. This was formally acknowledged through the signing of a Memorandum of Understanding (MOU) on Thursday 21 September.

ECan currently own and manage just under 1,000 hectares of land at Kaitorete that adjoins the Tāwhaki and Te Taumutu Charitable Trust land parcels. The collaboration with ECan will ensure that a kaupapa Māori approach is taken, with both Rūnanga leading the protection and rejuvenation of Kaitorete.

Tāwhaki Chair Henrietta Carroll says, “This agreement respects and acknowledges our whakapapa as mana whenua and our rangatiratanga as we advance our role as kaitiaiki for this unique and special landscape. “



*MOU signing with Wairewa Rūnanga Chairperson Jaleesa Panirau, Te Taumutu Rūnanga Chairperson Liz Brown, Tāwhaki Chair Henrietta Carroll and Environment Canterbury Chair Peter J Scott*

Both Tāwhaki and ECan will be working in partnership to take an integrated approach to land management, whenua rejuvenation and future initiatives incorporating mātauranga and leading-edge environmental innovation.

Much of this mahi will be informed by our State of Kaitorete assessments and the data and insights gained from the emerging aerospace technologies taking flight at Kaitorete from our Aerospace Centre.



*MOU signing: ECan Councillors and kaimahi, Wairewa Rūnanga and Te Taumutu Rūnanga chairs, and Tāwhaki poari and kaimahi*

Like the demi-god Tāwhaki we are gaining knowledge from above to advance a better future for our planet and people below. By bringing together advanced aviation and aerospace, mātauranga and our research and science communities we will learn more about the impacts of climate change through environmental monitoring, test new methods of whenua rejuvenation and precision agriculture and develop better disaster responses and weather forecasting.

It's great that ECan is joining us on this journey.

### **Whakawhanaungatanga on the whenua with whānau and Pest Free Banks Peninsula**

Members of the whenua team spent an awesome day with whānau and manuhiri at Kaitorete last month.

The day began at Te Roto o Wairewa setting the pātiki net with whānau Eden Skipper (Wairewa) and Matiu Prebble (Wairewa), and UC Professor, Dr. Shaun Ogilvie (Te Arawa).

Later in the day, Pest Free Banks Peninsula staff came out to Kaitorete with their conservation dogs Bob, Nightshade and Terry to share their techniques for tracking and trapping the top six predators on Kaitorete: ferrets, stoats, weasels, feral cats, hedgehogs and possums.

Erana had this to say about the day: "I loved that we started with whānau first and setting the patiki net in Wairewa's ancestral waterways. I haven't done that since I was a baby.



*Erana Riddell, Shaun Ogilvie and Matiu Prebble setting the Pātiki net at Te Roto o Wairewa*





“I also loved sharing the mahi of Tāwhaki with whānau. Things move fast in the office but when you can be out and sharing what you’re doing, you realise you’re actually learning something.”



Eden Skipper, Shaun Ogilvie, Matiu Prebble, Tim Sjoberg, Sarah Wilson, Erana Riddell, Karin Bos and Terry the conservation dog



Checking the traps

## Tāwhaki out in force at New Zealand Aerospace Summit 2023

The second-ever New Zealand Aerospace Summit was held in Ōtautahi earlier this month and our team and board were there to represent Tāwhaki and the mahi that is being undertaken at our Aerospace Centre. Over 500 people attended the summit from local and international operators to academics, researchers and science communities.

We learned more about the latest advances in technology, the future of our growing aerospace industry in Aotearoa, ethics in space and the hopes of rangatahi for what this industry can deliver. We also took part in a panel on indigenous leadership in aerospace. It was a great event and awesome to hear Tāwhaki mentioned by so many speaking at the summit.

Alongside mana whenua Ngāi Tūāhuriri, we shared the honour of welcoming attendees to the summit at the beginning of the day.



Tāwhaki booth and team sharing our story in the exhibition hall for the summit

## NASA space engineer visit

In the summit lead up, the team met NASA Space Engineer Mana Vautier (Ngāi Tahu, Te Arawa, Tūhourangi, Ngāti Raukawa, Ngāti Kahungunu), and kaimahi from STEMM (Science, Technology, Engineering, Mathematics and Mātauranga) Academy, Pūhoro, for which Mana is an ambassador.

While Mana is now based in Houston in the USA, he works with Pūhoro to build up Māori taura for future careers in science, technology, medicine, environmental sciences, advanced aviation and more! We are looking forward to working with Mana and Pūhoro to develop opportunities for tamariki and rangatahi as we move forward.



*Back row (L-R): Stan Topping, Rulon Nutira, Mana Vautier, Julian Phillips, Linda Falwasser, Piki Skerrett-White and Seth Clement  
Seated (L-R): John Mann, Erana Riddell and Te Puawai Perenara-O'Connell*

Please check out more info about Pūhoro and their awesome kaupapa: [Pūhoro STEMM Academy](#)

## Aerosearch's first test flight at Kaitorete

Congratulations to the team at Aerosearch on a successful first flight of Aerosearch25 at our Aerospace Centre on Kaitorete in August.

Aerosearch is developing a range of RPAS (remotely piloted aircraft systems) capable of long-range flights in extreme weather and at high speeds. In the future, these craft could be used for maritime patrolling, surveying and climate change research.

It's awesome to support such an innovative Ōtautahi company to test technology that looks to meet some of the big challenges facing Aotearoa and the world.

Ka mau te wehi Aerosearch!



*The crew from Aerosearch testing their new craft at the Tāwhaki Aerospace Centre at Kaitorete*

## Opportunities, information and inspiration

- Check out our [interview](#) on Business Desk to hear how Tāwhaki is shaping the future of aerospace in Aotearoa
- Paid summer internship with [Pyper Vision](#) for mechanical, electrical or mechatronics student or recent graduate – email your CV and a cover letter to [careers@pypervision.com](mailto:careers@pypervision.com)
- Job openings with [Dawn Aerospace](#)

Have a wonderful weekend whānau and we look forward to seeing you soon.

Ngā mihi nui,  
Linda and the Tāwhaki team.

*Want to keep up to date with our mahi in between pānui? Follow us on social media, visit our website or get in touch.*

