

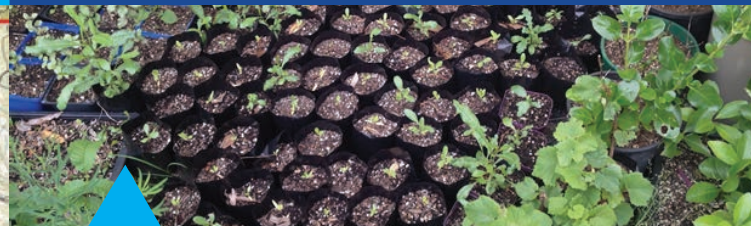
# MAPPING TECHNOLOGY

Mapping is being used for planning and communication purposes. We want our information to be as accurate as possible so that we can make the best decisions for the project and future projects. We also need to communicate what we are doing with landowners, and to our members and stakeholders. The core area in the map below is the area negotiated in settlement. The inset map gives an indication of where we have completed work.



# FUTURE PROJECTS AND OTHER ENVIRONMENTAL WORK

Under the River Restoration Project as well as continuing work on the Mohaka River, we have targeted future water based projects, including: Turumanu Stream, lower Waihua River and the Waihua River headlands. Outside of the River Restoration project, the Ngāti Pāhauwera Development Trust is also working with stakeholders on a pest control programme and has received funding toward our aim of riparian planting and fencing off the three lakes at Putere. The Trust is constantly submitting on government and local government laws, changes and regulations. We are also part of Te Kotahitanga Tiaki Taiao which is a rūpu of East Coast Māori iwi, hapū, marae and Māori land Trusts who are working together on common environmental goals.



Native seedlings and plants before planting

NGĀTI PĀHAUWERA  
Development Trust

[www.ngatipahauwera.co.nz](http://www.ngatipahauwera.co.nz)

NGĀTI PĀHAUWERA  
Development Trust

## RIVER RESTORATION PROJECT



Mangatūranga Bridge



Ministry for the  
**Environment**  
*Manatū Mō Te Taiao*



**HAWKE'S BAY**  
REGIONAL COUNCIL



**MINISTRY OF SOCIAL  
DEVELOPMENT**  
TE MANATŪ WHAKAHIAHO ORA



Department of  
Conservation  
*Te Papa Atawhai*



# NGĀTI PĀHAUWERA RIVER RESTORATION PROJECT

During its Treaty negotiations Ngāti Pāhauwera negotiated access to funds to assist with the restoration of the health of the Mohaka, Waikari and Waihua rivers and their catchments within their rohe. These three rivers are taonga of inestimable value to Ngāti Pāhauwera and the wider community. Restoring the mauri ora of these rivers is critical to the cultural, social and economic wellbeing of Ngāti Pāhauwera. It is the strong desire of Ngāti Pāhauwera that the restoration of the mauri ora of the rivers occurs in a collaborative way, with the responsibility for the health of the rivers being shared by all stakeholders in the rohe. The initial funding for this project has been provided by the Fresh Start for Fresh Water fund but it is a long term responsibility and we are just getting started. The community has gained benefits from this project - whānau who have participated in the project means that whānau have a greater ability to crop their lands with better protection from wandering stock and goats.

The late Papa Joe Keefe, who performed the blessing ceremony at Mangawhārangī for the start of the Restoration Project



## FENCING AND WATER QUALITY

Fencing - Mangatūranga



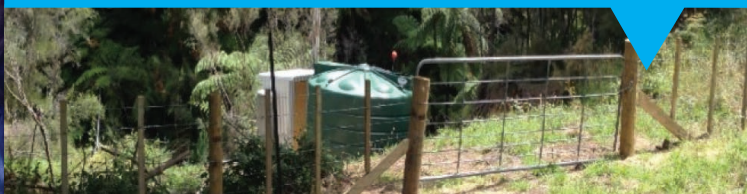
We intend to protect our waterways through riparian fencing to keep stock out of the rivers and streams and riparian planting of native plants to filter nitrates and phosphates from fertilizer run off that enriches and affects water quality.

The river restoration project has:

- Completed 23 km of riparian fencing
- Encouraged landowner participation
- Increased utilisation of land for cropping and other purposes
- Completed Mangawhārangī Stream restoration programme
- Provided employment and training opportunities

Water quality is an extremely important area to focus on for many reasons. Ngāti Pāhauwera are working toward preventing pollution and improving the fresh water environment. This includes education, weed management, riparian planting of native flora and other environmental projects that support high water quality. We want our children to be able to swim in our waterways and have a goal of fencing and planting 50% of our tributaries.

Mangawhārangī Stream Restoration - pump and water tank



## PLANTING, MONITORING AND MAINTENANCE

The River Restoration team has planted 7,100 native plants, some were purchased and others were eco-sourced from the forest. Eco-sourcing is taking plants from the same area and planting them back within the same region. Plants included Kawakawa, Makomako, Koromiko, Punatea, Akeake, Manuka and Harakeke. As well as planting, the team are involved in maintenance and monitoring of the area. After plants have been planted we assist those plants to grow with weed control by spraying and clearing weeds. This aspect of the project has also provided employment and training opportunities.

Planting at Mangawhārangī Stream

