

Catchment Group Story

Wellington/Te Upoko-o-te-Ika | JULY 2024



Glenside Progressive Association Inc.

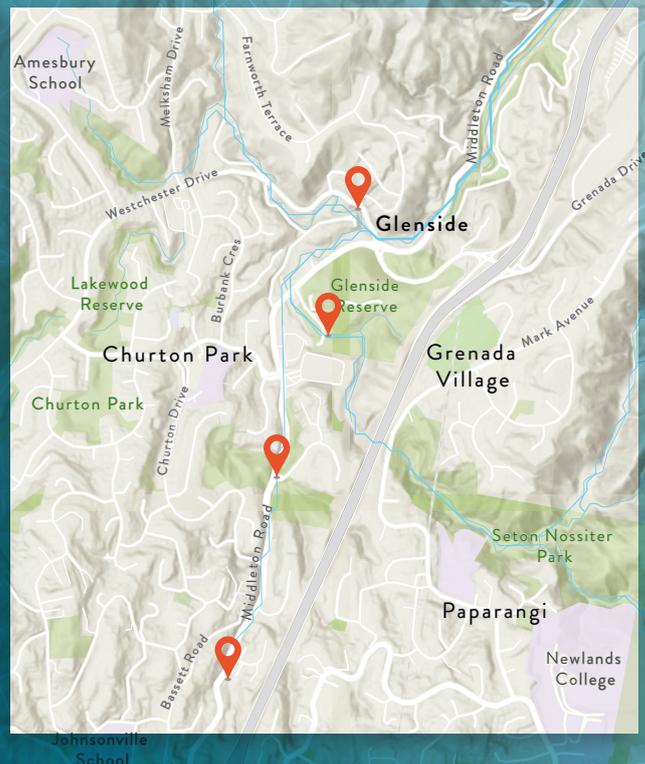
Glenside Catchment, Glenside, Wellington

The Glenside Progressive Association Inc. provides leadership and guidance for the Glenside community in the preservation, maintenance, and enhancement of the local environment.

The Association supports community projects such as streamside restoration, predator-free initiatives, water quality monitoring, and the Heritage Gardeners at the historic Halfway House.

Members Claire Bibby and Shelby Lockwood are active in streamside restoration, fish passage remediation, and water quality monitoring of multiple streams within the Glenside Catchment. The group has planted native riparian vegetation along parts of the Stebbings Stream and Porirua Stream.

Shelby and Claire have completed fish passage remediation in the Glenside Reserve. Currently, our Mountains to Sea Wellington (MTSW) 'Wai Connection' team is training and supporting them to complete seven months of SHMAK freshwater monitoring as part of the Porirua Citizen Science Programme as well as eDNA sampling and fish surveying.



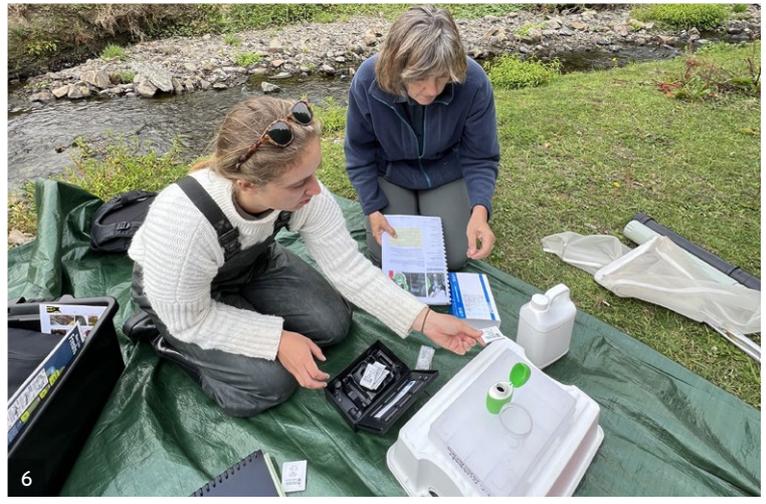
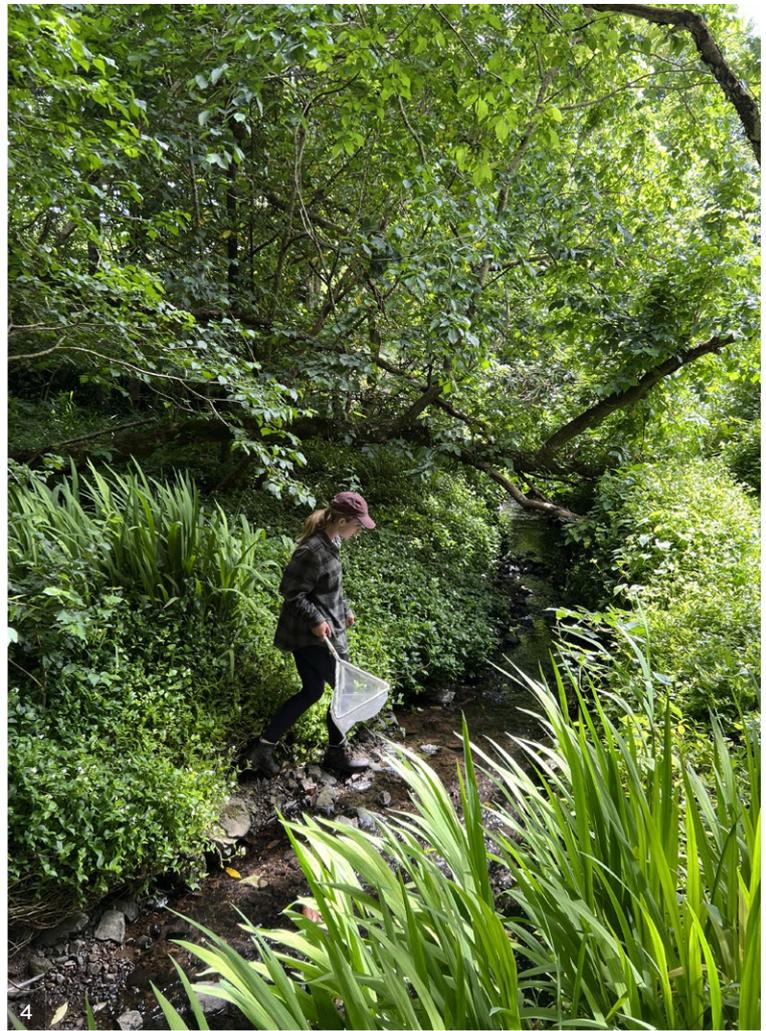


PHOTO CAPTIONS - Front page: Claire and Shelby completing a periphyton assessment of the Stebbings Stream. **This page:** 1. Claire completing a habitat assessment of the Glenside Reserve. 2. Same as front cover. 3. Claire and Shelby searching for macroinvertebrates from a sample in the Stebbings Stream. 4. Shelby about to collect some macroinvertebrates in the Keneperu iti Stream. 5. Shelby and Glenside community members spotlighting in the Porirua Stream in Glenside taking part in the City Nature Challenge 2024. 6. Claire and Shelby testing the phosphate value of a sample taken in the Glenside Reserve. 7. Claire and Shelby checking the water clarity in the Glenside Reserve. **Back page:** 8. Claire and Sam (MTSW) setting fish traps in the Stebbings Stream. 9. Claire and Shelby in the Keneperu iti Stream completing an eDNA sample 10. Claire learning how to prepare *E. coli* plates for the water samples.

Community Engagement and Monitoring Initiatives

‘Porirua Citizen Science Programme’ Workshop

In August last year, the ‘Wai Connection’ team and Porirua City Council (PCC) presented a workshop to local community groups participating in the ‘Porirua Riparian Management Programme’. The workshop aimed to introduce the ‘Porirua Citizen Science Programme’ to the local community and encourage groups to monitor their local sites of interest.

Workshop Highlights



Programme Introduction – PCC shared information about the ‘Porirua Citizen Science Programme’.



Data Integration – The monitoring data will be integrated with council and Ngāti Toa Rangatira monitoring programmes to create a catchment report card, to be published in 2026.



Support and Training – MTSW provided details on supporting groups with monitoring training and fish surveying.



Community Engagement – The Glenside Progressive Association expressed interest in monitoring various sites within their catchment.

‘Porirua Citizen Science Programme’ Monitoring

Monitoring activities supported by MTSW, regional providers of the ‘Wai Connection’ project



Water Quality Monitoring – The Glenside Progressive Association has completed three seasons (seven months) of water quality and *E. coli* monitoring across four sites in the Glenside catchment.



SHMAK Programme – Members have engaged with the full SHMAK monitoring programme (nutrients, habitat assessment, water quality, and macroinvertebrates).



Fish Surveys – Freshwater fish surveys have been conducted to evaluate the effectiveness of habitat improvements and understand current waterway conditions.



eDNA Sampling – The group has participated in eDNA sampling at multiple sites to help build an understanding of fish passage barriers within the catchment.



Data Management – They have contributed to the national trial of the new Community-based Freshwater Monitoring Quality Assurance (CBFM QA) tool and are inputting their data into Survey123. They look forward to accessing the proposed centralised data hub so they can easily access useful data and information on freshwater monitoring data across the catchments.

‘City Nature Challenge’ – Glenside Spotlighting Event

Claire from the Glenside Progressive Association expressed interest in the ‘City Nature Challenge’ and proposed hosting a spotlighting session and setting fish traps in local streams.

This event aimed to participate in the City Nature Challenge, and to collect some important fish survey data. The City Nature Challenge invites the community to come together for a bioblitz – making as many observations of living things in the environment as possible, within a three day period.

Event Activities



Spotlighting Event: The ‘Wai Connection’ team and Glenside Progressive Association led a spotlighting event in the Porirua Stream, conducting a fish monitoring survey and uploading photos to iNaturalist.



Fish Trapping: Claire assisted in setting traps in Stebbings Stream, checking and identifying fish species the following morning, with all data entered

Next Steps



The Group will continue to complete their water quality and *E. Coli* monitoring as part of the Citizen Science Programme. They also want to complete further fish surveys at the other sites within their catchment. They are keen to understand where to next and what they can do with the data they have been collecting. They are wanting to learn about how/what they can do in terms of restoration to improve the health and biodiversity within their local streams.

MTSW and PCC will be holding a workshop later this year to help the Group (and other groups within the monitoring programme) understand the data they have collected, provide resources and information for restoration (fish passage, riparian planting etc.), and allow the Group to share the monitoring and restoration efforts that they have completed within their catchment with the other groups.



To learn more about the Glenside Progressive Association Inc., or how 'Wai Connection' – Tatai Ki Te Wai' is supporting them, please contact:

www.glenside.org.nz

www.facebook.com/glenside.thehalfway

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