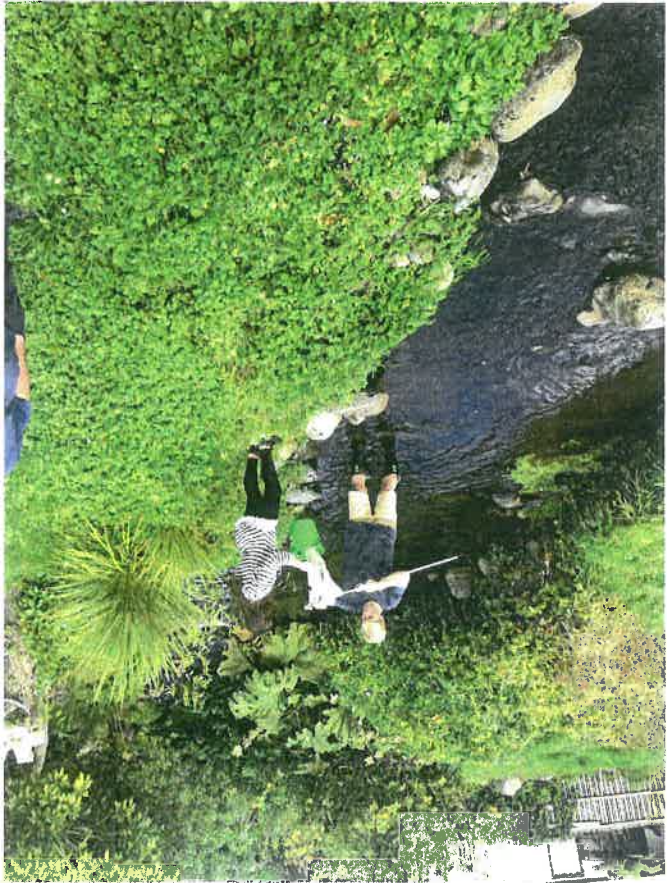




Advocating for Our Streams



What We Did



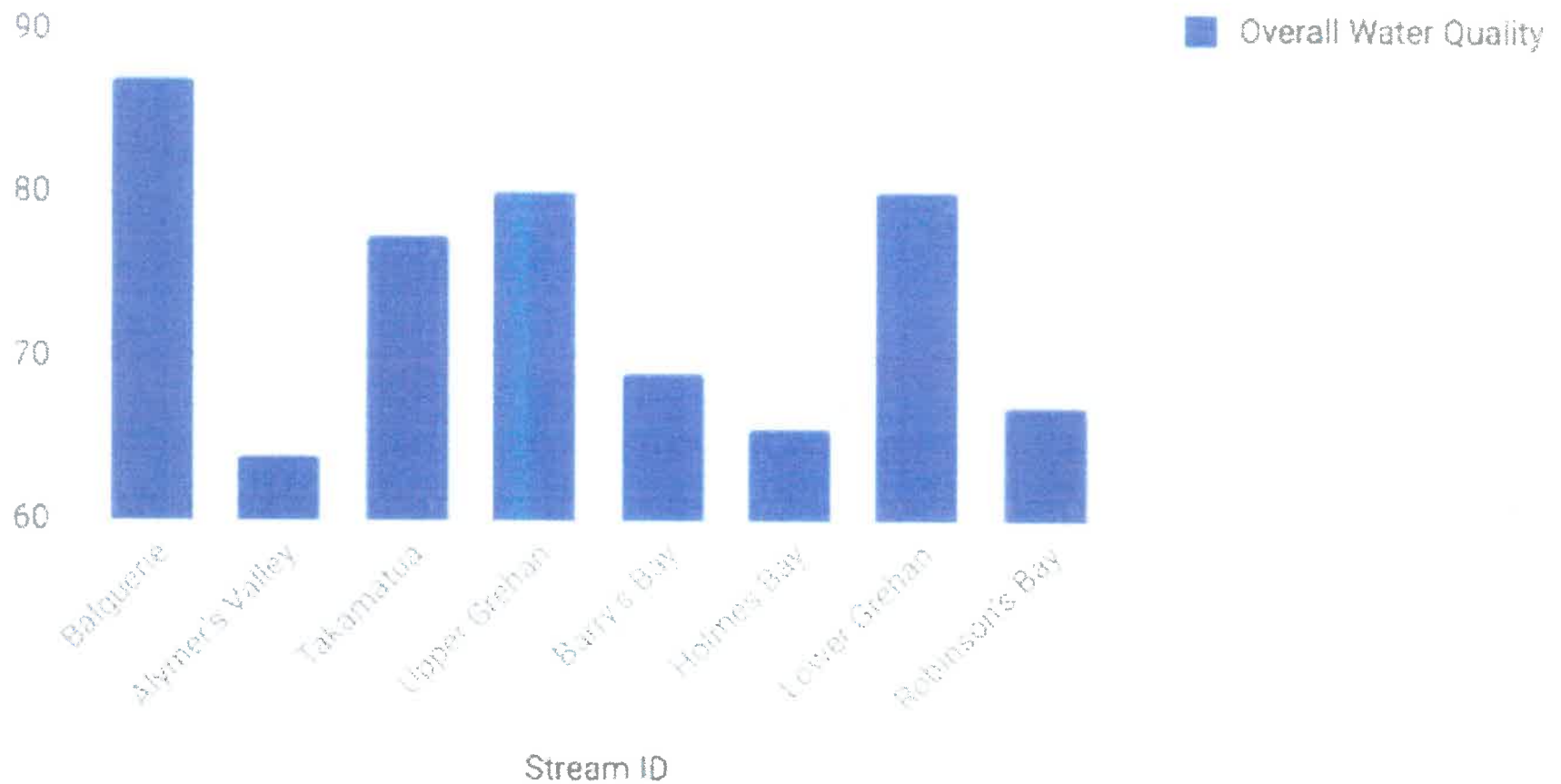
Why did we do this?

- We wanted to become aware of our local environment
 - Could we find any patterns or correlations in the water quality?
 - How could we improve our water quality?
-

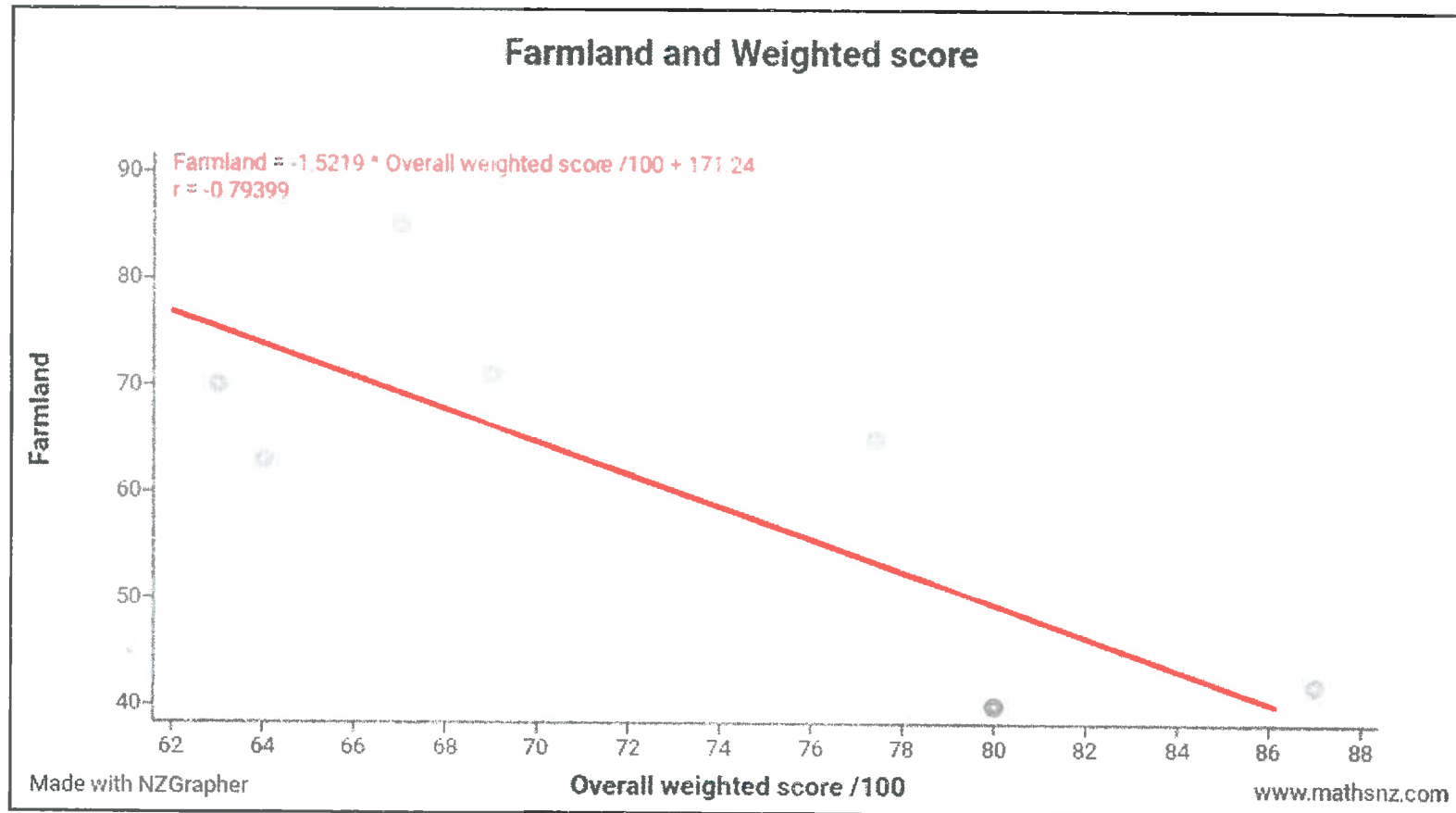
What We Found

Stream ID	Turbidity /100	Nitrates /100	Ph /100	Phosphates /100	Microbiological Count /100	Macroinvertebrate Count /100	Overall weighted score /100
Proportion of overall score	.114	.143	.16	.143	.23	.21	
Balguerie	99	99	92	62	NA	82	87
Alymer's Valley	96	69	93	80	21	59	64
Takamatua	95	93	90	80	38	89	77.4
Upper Grehan	97	95	92	55	60	90.9	80
Barry's Bay	90	95	92	60	25	76	69
Holmes Bay	94	70	88	73	25	NA	65.78
Lower Grehan	97	99	91	96	35	90.9	80
Robinsons Bay	83	99	92	85	3	77	67

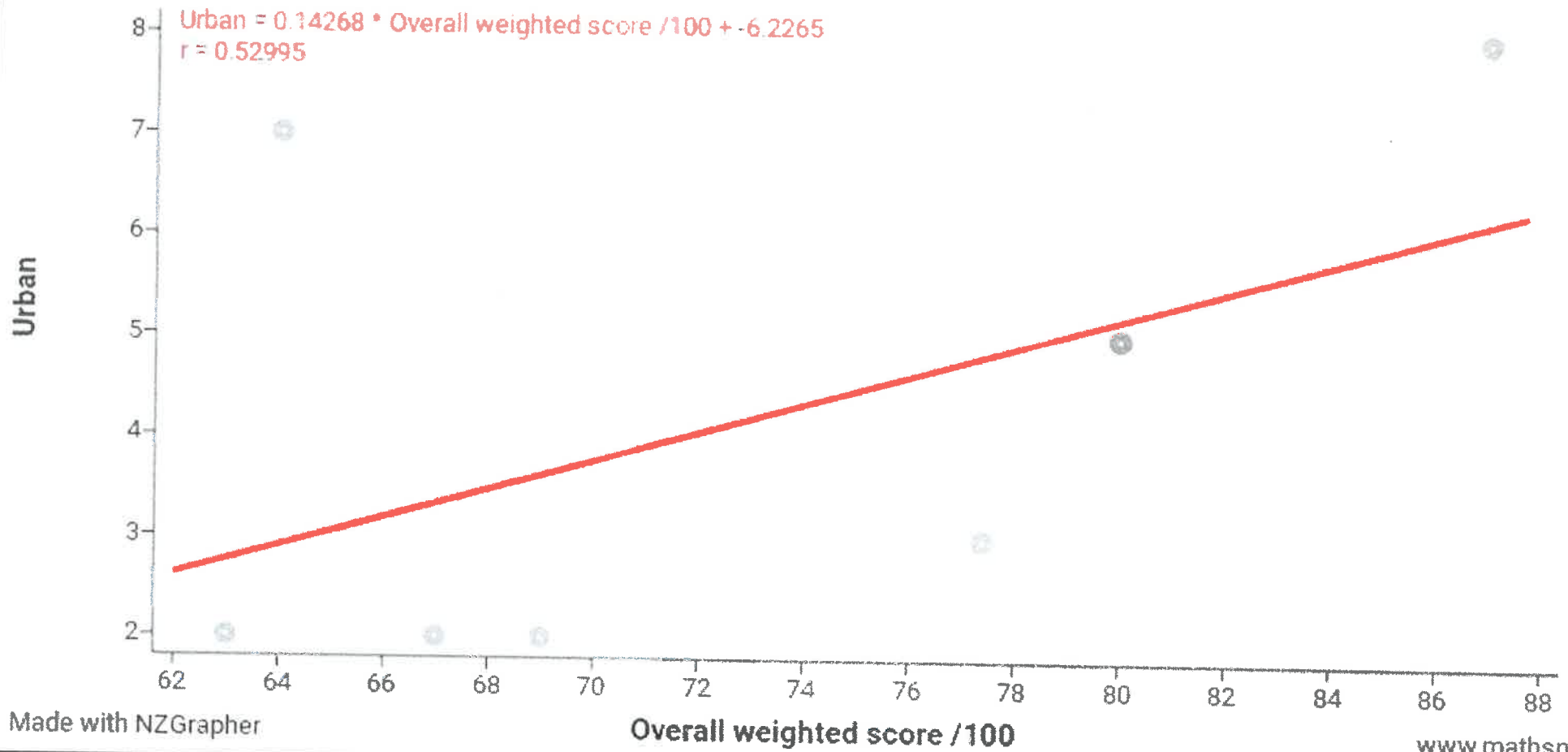
Riparian Planting, Native Forest, Exotic Planting, Farmland, Urban...



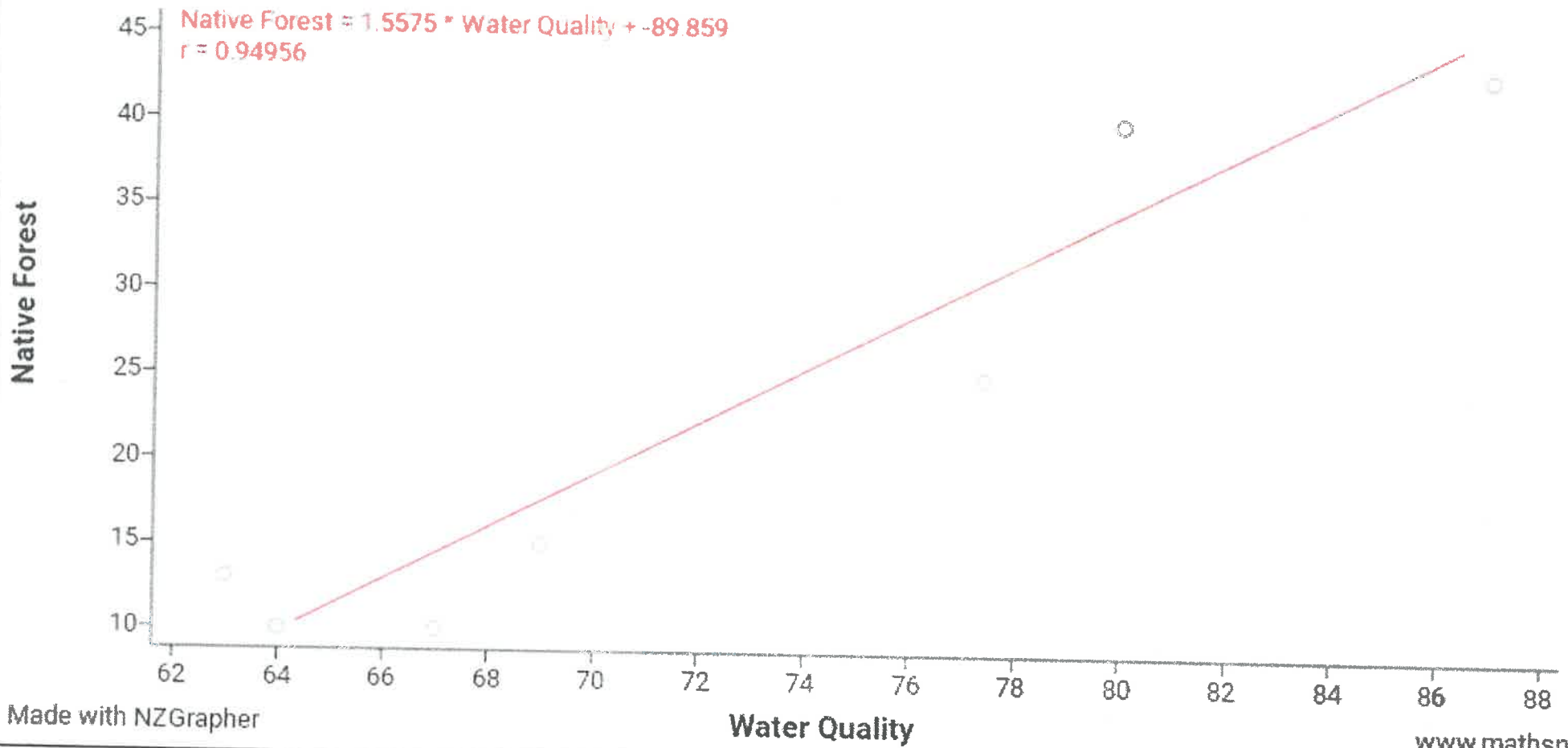
Main Connections



Urbanisation and Weighted score



Native Forest and Water Quality



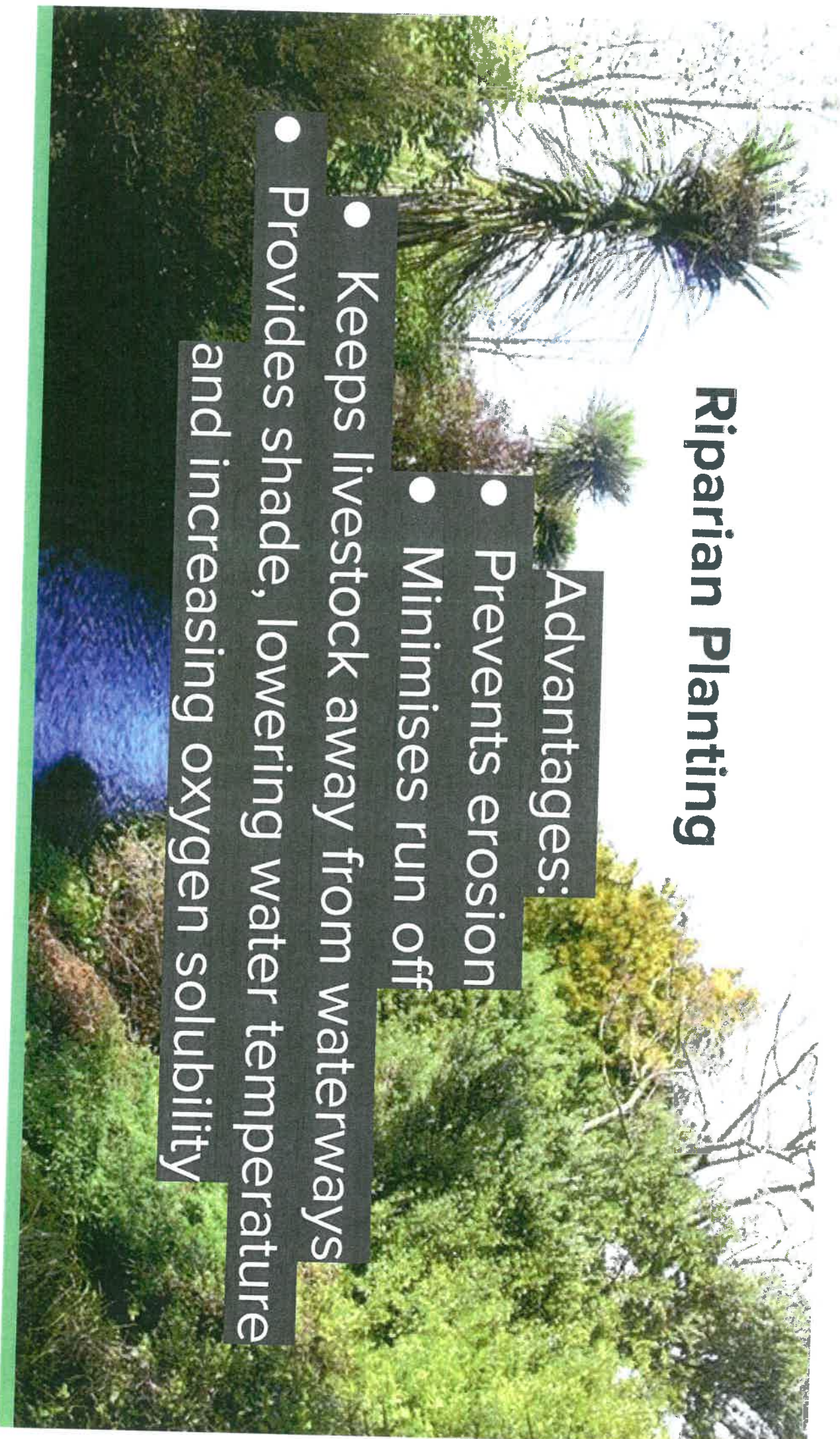
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Riparian Planting

Advantages:

- Prevents erosion
- Minimises run off
- Keeps livestock away from waterways
- Provides shade, lowering water temperature and increasing oxygen solubility



What would we like to happen

- More riparian planting
 - Enable people to become more engaged with their local waterways
 - For the Council, or more specifically the local Community Board, to lead and promote the idea of public/private partnerships.
 - Access central government money.
 - Investigate what other Councils/Community Boards have done.
-

What we would like to see

- **More riparian planting** (the evidence of the value of riparian is clear-the issue is really not if it should happen but how we can make it happen- here are some of our ideas:
- **Enable people to become more engaged with their local water ways** (local streams could be tested on a regular basis-say monthly- and the results could be published in the Akaroa Mail and on line. This would enable stream comparisons to be made and for local people to feel motivated to become involved in local conservation projects)
- **For the Council, or more specifically the local Community Board, to lead and promote the idea of public/private partnerships.** (The Community Board could provide the environmental expertise and maybe the shrubs and trees while community groups (this could be the community that lives around the stream, or a local school group/runanga/Lions etc) could provide the labour. Fencing of the planted waterways could be shared between DOC/Land owner/Council
- **Access central government money.** There is a lot of talk in the media about the Billion trees project and Shane Jones \$1 Billion regional development fund. Either of these avenues could be explored for furthering this work.
- **Investigate what are Councils/Community Boards have done.** (For example the Taranaki Regional Council have been involved in fencing off water ways from stock)

