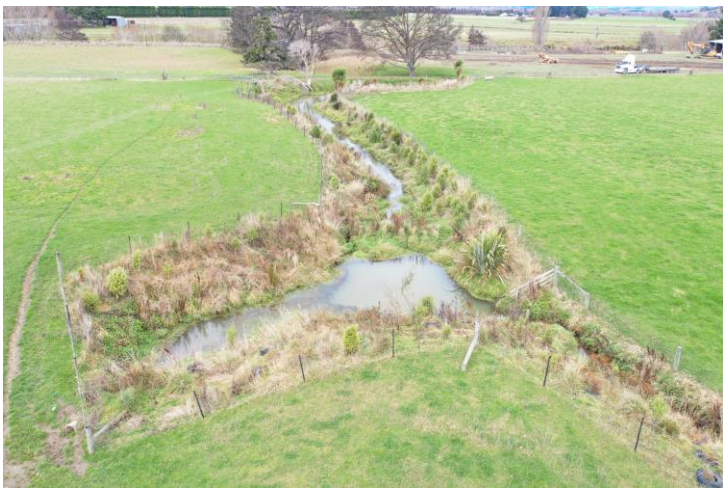
Pomahaka Catchment Project Mitigation Trials

Pomahaka Water Care Group
Tiakina te mauri o te wai

Instream sediment trap & planting - Tapanui

Waterway: Permanently flowing
Process: Instream sediment trap, fencing, planting

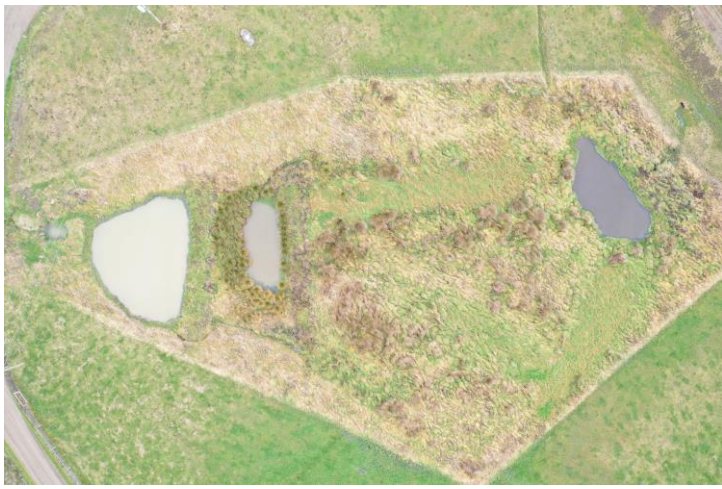


Contaminant reduction highlights:

Sediment	38%	Phosphorus	24%
Nitrogen	47%		

Constructed wetland - Waipahi

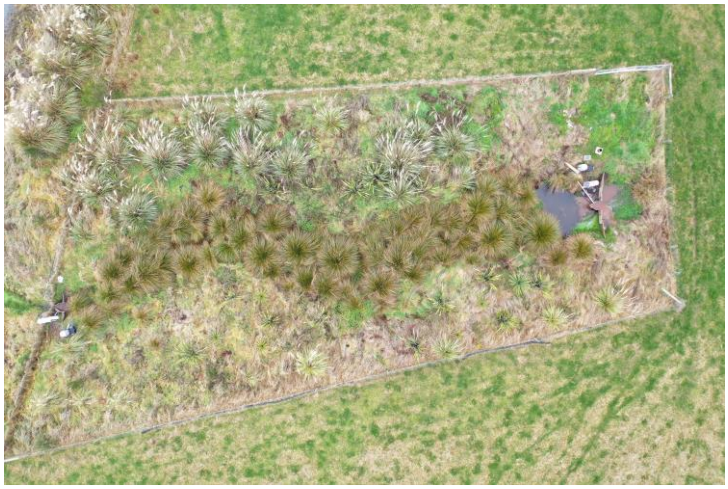
Waterway: Intermittently flowing tile drain
Process: Sediment trap, followed by two bay constructed wetland, flowing into wetland areas fencing, planting



Contaminant reduction highlights:

Sediment	63%	Nitrogen	55%

Edge of field wetland - Waikoikoi

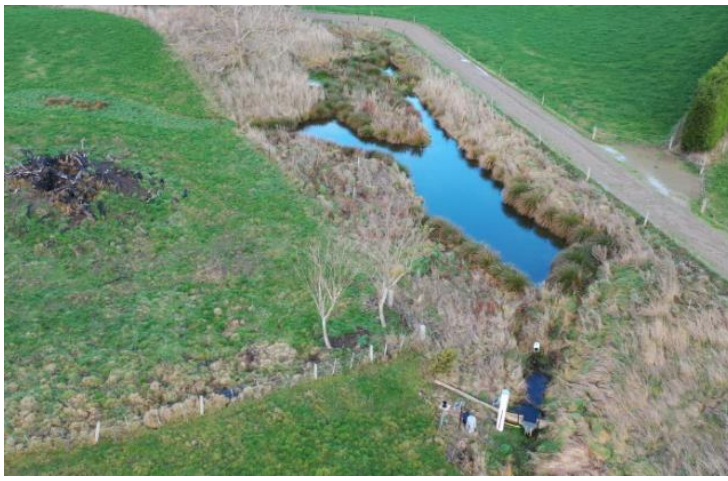


Waterway: Intermittently flowing waterway
Process: Instream sediment trap, followed by wetland area
Highlights: AgResearch have chosen this site to undertake further research to how effective wetlands are at mitigating contaminant loss from land to water

Contaminant reduction highlights:

Sediment	26%	Phosphorus	25%
Nitrogen	37%	*E.coli*	62%

Instream wetland - Clydevale



Waterway: Intermittently flowing waterway
Process: Instream sediment trap, followed by wetland area
Highlights: AgResearch have chosen this site to undertake further research to how effective wetlands are at mitigating contaminant loss from land to water

Contaminant reduction highlights:

Sediment	39%	Phosphorus	12%
Nitrogen	10%		

Ministry for Primary Industries Manatū Ahu Matua
Sustainable Farming Fund
NZ LANDCARE TRUST
Otago Regional Council
Fish & Game NEW ZEALAND
ERNSLAW ONE LTD