

H26 Appendix: Wetland Management Plans

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Key information needed in a wetland management plan:

Landowner/property name:

Date:

Site details: owner, occupier, access/street address and location with topographic grid reference if possible.

Wetland dimensions: both existing and proposed.

Site map: showing wetland area, current major vegetation types, weed infestations, and photos.

Wetland description: main wetland type.

Topography and soils:

Current vegetation: main plant types.

Special features: eg threatened species, historic features, cultural sites.

Nearby natural areas: location and distance eg native bush or habitat.

Wildlife: known or seen in the area.

Site history:

Description of water flow and drainage: hydrology, eg standing/flowing water, permanent/temporary, groundwater/surface water.

Current condition: state of the wetland and threats it faces eg stock damage, weeds, lack of water.

Enhancement Proposal - what you plan to do.

Vision: what you want to achieve.

Vision sketch: how it might look.

Objective(s)/steps towards the vision: eg wildlife haven, water purification, conservation.

Water source/management: current source, duration, extent, fluctuations and intentions to change/improve these.

Silting/silt management:

Fencing:

Weeds:

Planting: general intention.

Suitable species for planting: Standing water, wetter margin sites, wetland edge, adjacent pasture or bunds.

Planting details: Location, species, spacings, numbers.

Plant source: eg local native plant nursery, grown from locally sourced seed.

Planting out: timing and method.

Releasing: weeding around plants, how often, for how many years, using what method.

Animal pest control: what pests are present, how often control will occur, for how many years, using what method.

Wildlife needs: eg embayments, nesting islands, loafing areas, food supply, gently sloping water margins, fish accessways.

Calendar of work: Year by year what months different activity will occur in eg blocking drains, digging ponds, re-aligning fences, collecting seed, pest control.

Costs: year by year.

Funding source: eg self funded, specific grant application.

Resource consent requirements: eg earthworks and/or vegetation clearance consents, diverting water, use of herbicide, blocking drains. You also need permits to release live fish into a waterway from the Department of Conservation, Fish and Game Council and/or the Ministry of Fisheries.

Neighbour issues: potential effects on neighbouring or upstream/downstream properties eg flooding, de-watering.

Safety:

Monitoring methods:

Photopoints: photographs taken from selected points at regular dates.

Plant survival: number of plants per species that died, this will help you decide which species are more suitable for your site.

Regeneration: eg note flowing, fruiting self-seeded plants.