



# WETLAND RESTORATION/MANAGEMENT TEMPLATE

## SITE DETAILS

### OWNER

**Occupier** (if different to owner)

**Location** (e.g. access/street address, topographic grid reference if possible)

**Wetland dimensions** (ha or sqm, existing/proposed)

### SITE MAP

(attach sketch or air photo or topographic sheet with wetland area drawn on, outline current major vegetation types, weed infestations, etc, attach photos of the site if possible, to the opposite page)



**General description** (main wetland type, etc.)

**Topography** (lie of the land) and soils

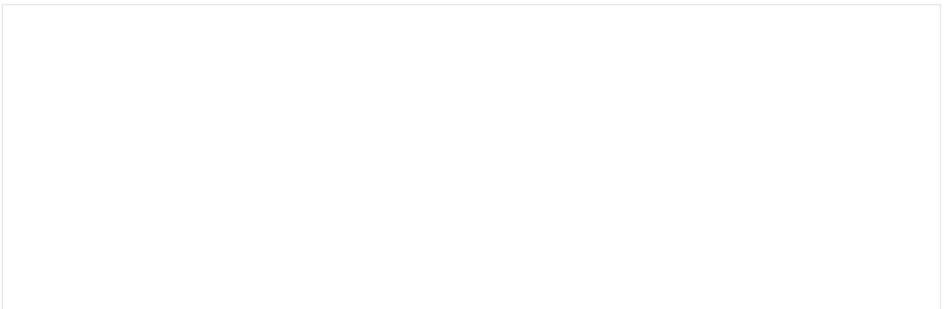
**Current Vegetation** (e.g. main plant types, photos can be attached)

**Special Features** (e.g. threatened species, historic features, cultural sites)

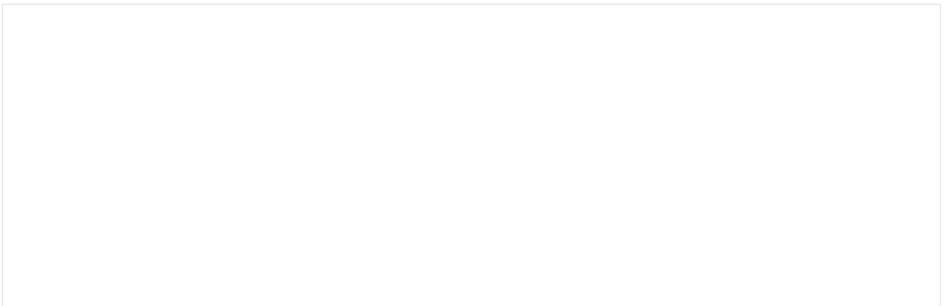
**Nearby Natural Areas** (areas of native bush or habitat, indicate how far away they are)

A large, empty rectangular box with a thin black border, intended for handwritten notes about nearby natural areas.

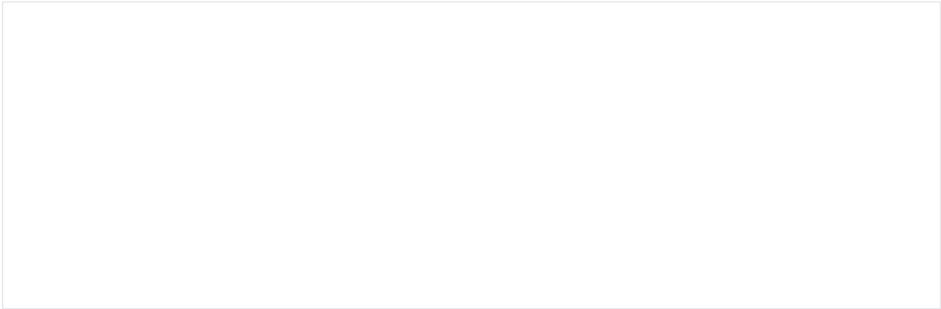
**Wildlife** (known/seen in the area)

A large, empty rectangular box with a thin black border, intended for handwritten notes about wildlife in the area.

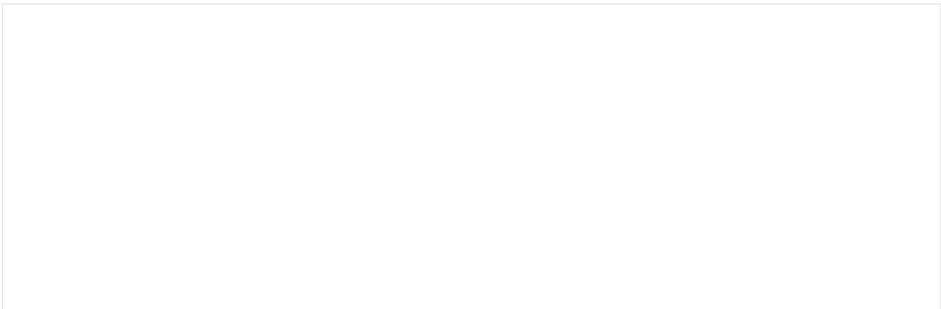
**Site history** (if known, old aerial photographs can be helpful)

A large, empty rectangular box with a thin black border, intended for handwritten notes about site history.

**Description of water flow and drainage** (hydrology, e.g. standing/flowing water, permanent/temporary, groundwater/surface water, etc.)

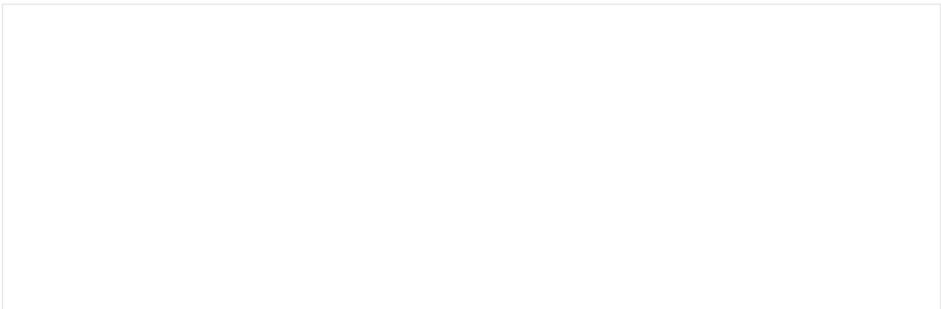


**Current condition** (comments/impressions on current state of the wetland and threats it faces, e.g. stock damage, weeds, lack of water)



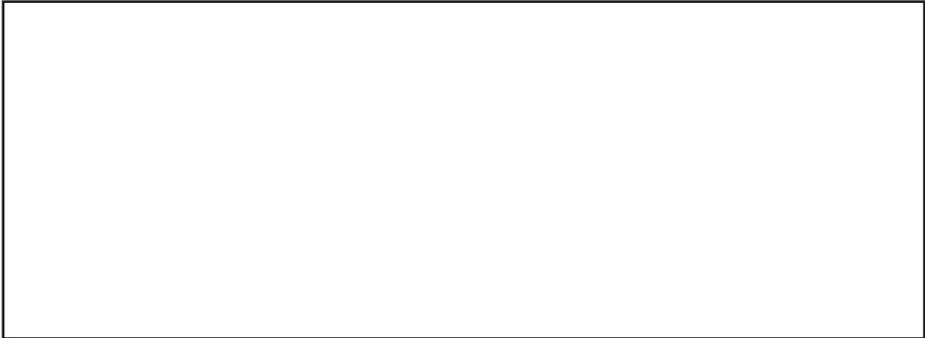
**ENHANCEMENT PROPOSAL – WHAT YOU PLAN TO DO**

**Vision** (what you want to achieve)



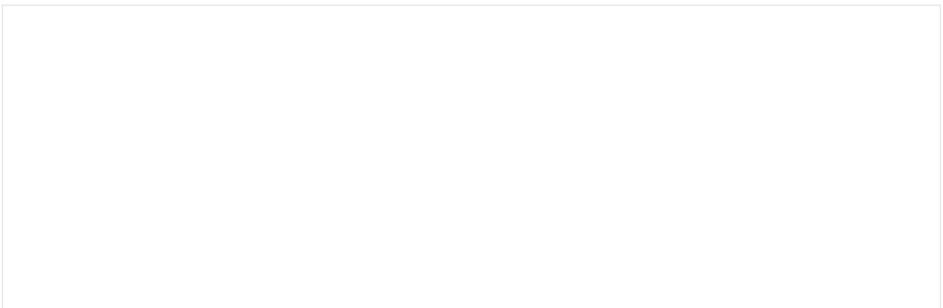
**Vision sketch**

(attach landscape sketch/diagram/drawing of how the restored wetland may look)



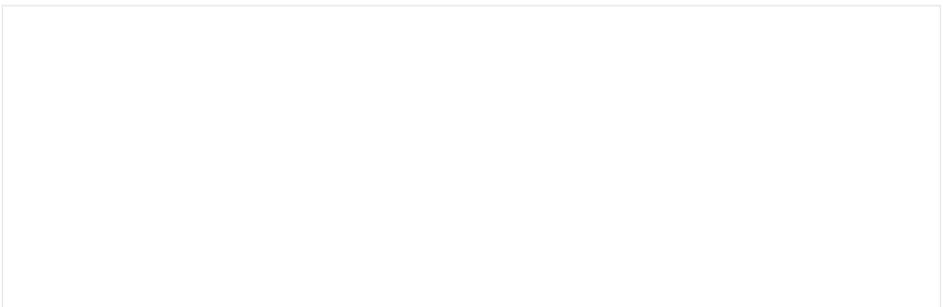
**Objective(s)/steps towards the vision**

(e.g. wildlife haven, water purification, amenity, conservation)



**Water source/management**

(current source, duration, extent, fluctuations and intentions to change/improve these)



**Silting/silt management**

**Fencing**

**Weeds**

**Planting** (write general intention here)

**Suitable species for planting**

(write general intention here, specific species go into table below – look at what is growing, and in what proportions, in nearby natural areas for ideas, check Waikato Regional Council’s Wetland Management Factsheets or web page: [www.waikatoregion.govt.nz](http://www.waikatoregion.govt.nz))

**Standing water:**

**Wetter margin sites:**

**Drier sites, e.g. wetland edge, bunds, adjacent pasture:**



**Total plant requirement:**

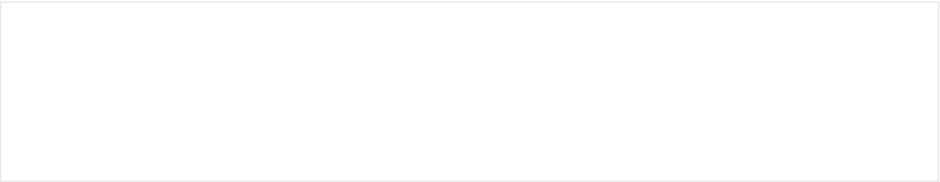
**Planting Details**

**Plant source** (e.g. local native plant nurseries, grown from locally-sourced seed)

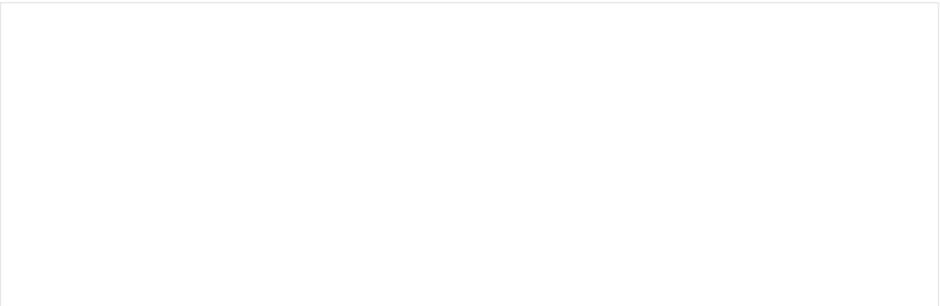
**Planting out**

**Releasing** (weeding around plants: how often, for how many years, using what method?)

**Animal pest control** (what pests are present: how often will control be conducted, for how many years, using what method?)



**Wildlife needs** (e.g. embayments, nesting islands, loafing areas, food supply, gently sloping water margins, fish accessways)



**TIMING**

*(tick which months each activity will occur in, examples include: blocking drains, digging pond, re-aligning fences, re-siting stock water supply, collecting seed, pre-planting herbicide spray, planting, releasing, pest control)*

YEAR 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Permanent fencing												
Graze planting area												
Pest control												
Planting												
Post-planting release												
Spray releasing												

YEAR 2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Temporary fencing												
Graze planting area												
Pest control												
Planting												
Spray releasing												
Install pond												
Block wetland drains												

<b>YEAR 3</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
Temporary fencing												
Graze planting area												
Pest control												
Planting												
Post-planting release												
Spray releasing												
Install pond												
Block wetland drains												

<b>YEAR 4</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
Temporary fencing												
Graze planting area												
Pest control												
Planting												
Post-planting release												
Spray releasing												
Install pond												
Block wetland drains												

**COSTS:**

ITEM	UNIT COST	YEAR 1 QTY	YEAR 1 \$	YEAR 2 QTY	YEAR 2 \$	YEAR 3 QTY	YEAR 3 \$	YEAR 4 QTY	YEAR 4 \$
Equipment hire/ contractor									
Herbicide									
Spray applicator									
Permanent fencing									
Temporary fencing									
Gates									
New stock water supply									
Plants									
Planting (labour)									
Pest maintenance (labour)									
Traps (fenn and tunnels)									
Bait stations									
Possum/rat/ rabbit bait									
Releasing/ weeding (labour)									
<b>TOTALS:</b>									

**TOTAL COST OF PROJECT:**

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**Funding source** (self-funded, specific grant application, etc)

**LEGAL/SOCIAL ISSUES**

Consent requirements (Creation of open water will generally require earthworks consents. Check with Waikato Regional Council and your local council if any other consents will be required in connection with blocking drains, diverting water and use of herbicide. You also need permits to release live fish into a waterway from the Department of Conservation, Fish & Game Council, and/or the Ministry for Primary Industries – Fisheries).

**Neighbour issues** (potential effects on neighbouring or upstream/downstream properties, e.g. flooding, de-watering)

**Safety** (drowning risk, etc)

## MONITORING/MEASURE YOUR SUCCESS

**Monitoring methods** (indicate using techniques below or alternative techniques)

**Photopoints** (photographs taken from selected points at regular dates; embed posts to rest the camera to help take the same view each time)

**Plant survival** (number of plants per species that died; this will help you decide which species are more suitable for your site)

**Regeneration** (e.g. note flowering, fruiting, self-seeded native plants)

**Other** (specify)

## Photos / Notes





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HEALTHY ENVIRONMENT  
STRONG ECONOMY  
VIBRANT COMMUNITIES

Printed April 2019  
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