

Riparian Wetland

Document overview

What is this document for?

Use this document to assess and record the skill level and capability of your employees in preparation for the Jobs for Nature programme work.

This form can be used to:

- Assess skill level
- Record evidence of capability (qualifications and/or experience)
- Create a training plan
- Report in association with Jobs for Nature projects.

What is in this document?

This training catalogue has 4 sections:

1. How to use this document

Guidance for how to use each section with an example completed form.

2. Qualification and experience form

Assistance for employers to assess the skill of their employees and to document evidence of capability for the identified skills.

3. Training matrix

Collection of currently available training for the listed skills.

Note: We have given priority to New Zealand Qualifications Authority (NZQA)-approved training with delivery models that are either work-based or online. In the matrix there are individual courses and certificates that cover multiple courses, as well as other bespoke training and resources.

4. Course details list

Information for the identified courses, including: NZQA credits, indicative cost, delivery mode, course length, providers.

What's NZQA-approved training?

NZQA-approved training includes both full qualifications and individual unit standards. They are delivered by several different accredited educational providers throughout the country. NZQA also has a quality assurance system for education organisations.

Disclaimer

This training catalogue is a collection of currently available training, not a recommendation of preferred training. Training listed in the catalogue does not include all training available within New Zealand and Te Papa Atawhai (DOC) has not vetted the quality of the providers listed. Training not listed can be used if it delivers the required skills.

The information in this document is accurate as of the 20th of May 2021.

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Document overview

How to use this document

1. Identify skills

Use the **Qualifications and experience form** to identify your employee's skill level.

Skill assessment should be done by those delivering project work as part of their contract agreement.

2. Assess employees skill level **a**

If you select **competent**, please specify if the employee has a qualification, experience, or both **b**, and provide evidence **c**.

If you select **training needed**, go to the **Training matrix** to see the courses or resources available for each skill.

Select **n/a** if the employee will not need this skill in their work.

Note: Training not listed can be used if it delivers the required skills.

3. Discover courses

You can click on the courses listed in the **Training matrix** to see the **Course details** summarised in this document, including NZQA credits, indicative cost, delivery mode, course length, and providers. You can also click the links in the **Course details** to visit provider websites directly. This information will help you decide which courses to add to the **training plan c**.

4. Create a training plan

Once you've identified the appropriate courses for the employee for each skill, provide a **training plan c** in the **Qualifications and experience form** and save it as a record for reporting purposes.

Example form	a	b	c
Skill	Skill level	Evidence and training plan	
Chainsaw tree felling	<input type="checkbox"/> Competent <input checked="" type="checkbox"/> Training needed <input type="checkbox"/> n/a	<input checked="" type="checkbox"/> Qualification <input type="checkbox"/> Experience	Please specify evidence below or provide a training plan: <i>Has unit standards 17763 and 71766 but limited experience. Will have chainsaw leader directly supervise the work until comfortable with capability.</i>
Build and maintain fences stock control	<input checked="" type="checkbox"/> Competent <input type="checkbox"/> Training needed <input type="checkbox"/> n/a	<input type="checkbox"/> Qualification <input checked="" type="checkbox"/> Experience	Please specify evidence below or provide a training plan: <i>Worked as a farm hand for 5 years - work included building fences.</i>
Identify NZ bird species	<input type="checkbox"/> Competent <input checked="" type="checkbox"/> Training needed <input type="checkbox"/> n/a	<input type="checkbox"/> Qualification <input type="checkbox"/> Experience	Please specify evidence below or provide a training plan: <i>Training plan: DOC Bird ID training and field practice. DOC Bird ID assessment.</i>

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Qualifications and experience form

Name:

Role:

Date employed:

Skill	Skill level	Evidence and training plan	
Riparian ecology	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Riparian biosecurity	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Wetland sedges and rushes identification <i>Riparian</i>	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Large aquatic plant identification <i>Riparian</i>	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Riparian planting techniques	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Weed control <i>Riparian</i>	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Riparian restoration planning and management	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Wetland restoration	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:
Riparian channel modification	Competent Training needed n/a	Qualification Experience	Please specify evidence below or provide a training plan:

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Qualifications and experience form

Skill	Skill level	Evidence and training plan
Electro-fishing	Competent Training needed n/a	Qualification Please specify evidence below or provide a training plan: (required) Experience
Monitoring <i>water quality and waterway health</i>	Competent Training needed n/a	Qualification Please specify evidence below or provide a training plan: Experience
Monitoring <i>riparian weed and fish</i>	Competent Training needed n/a	Qualification Please specify evidence below or provide a training plan: Experience
Monitoring <i>freshwater invertebrates</i>	Competent Training needed n/a	Qualification Please specify evidence below or provide a training plan: Experience

I certify that the information I have provided is correct.

Employee Signature: _____

Date:

I certify that this employee has the qualifications and experience noted above.

Manager Signature: _____

Date:

Skill	Courses currently available <i>(Other appropriate training may also exist)</i>		
Riparian ecology	Freshwater Habitats	Community Guide to Ecological Monitoring	
Riparian biosecurity	Check, Clean, Dry: Preventing Didymo and Other Pests		
Wetland sedges and rushes identification <i>Riparian</i>	Identifying Wetland Sedges and Rushes Workshop		
Large aquatic plant identification <i>Riparian</i>	Identifying Aquatic Macrophytes Workshop		
Riparian planting techniques	Mentoring and Advice for Care Groups	Riparian Area Planting Guides	
Weed control <i>Riparian</i>	Aquatic Weed Control Methods	Best Management Practice for Aquatic Weed Control	
Riparian restoration planning and management	Wai Ora Courses	New Zealand Certificate in Primary Industry Skills	New Zealand Certificate in Primary Industry Operational Skills
	Conservation Planning and Targeted Riparian Management Workshops	Kaitiaki Tools	Waterways, Wetlands and Drainage Guide
Wetland restoration	Wetland Restoration: A handbook for New Zealand Freshwater		

Skill	Courses currently available <i>(Other appropriate training may also exist)</i>		
Riparian channel modification	River Practitioners Workshop	Restoring Waterway Form	
Electro-fishing	Electric Fishing Workshop		
Monitoring <i>water quality and waterway health</i>	Streak Health Monitoring and Assessment Kits	Freshwater Discovery and Monitoring Handbook	Water Monitoring
	Community Guide to Ecological Monitoring	Restoration Indicator Toolkit	
Monitoring <i>riparian weed and fish</i>	Freshwater Ecology Inventory and Monitoring	Sampling Freshwater Fisheries Guidelines	
Monitoring <i>freshwater invertebrates</i>	Freshwater Invertebrate Guide		

Freshwater Habitats

Resource only

NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.
This resource is a series of web-pages that focus on the ecology of freshwater systems in New Zealand.
[Visit the DOC website](#)

n/a Free Online, self-directed

Community Guide to Ecological Monitoring

Resource only

NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.
PDF guide that provides a comprehensive ecological monitoring toolkit and also covers riparian ecology.
[Visit the Landcare research website](#)

n/a Free PDF learning resource

Check, Clean, Dry: Preventing Didymo and Other Pests

Resource only

Context and instruction on the check, clean, dry method - including video.
[Visit the MPI website](#)

n/a Free Online, self-directed

Identifying Wetland Sedges and Rushes Workshop

Training

[Visit the NIWA website](#)

n/a Unknown In-person workshop, local delivery available Unknown

Identifying Aquatic Macrophytes Workshop

Training

[Visit the NIWA website](#)

n/a Unknown In-person workshop, local delivery available Unknown

Mentoring and Advice for Care Groups

Training

Providing information on seed gathering, plant propagation, nursery management and hints on obtaining funding.
[Visit the Whaingaroa Harbour Care website](#)

n/a Unknown Variable delivery, limited capacity Unknown

Riparian Area Planting Guides


Resource only

A series of PDF planting guides for different riparian areas.

Visit the [NZ Landcare Trust website](#)

 n/a

 Free

 PDF learning resource

Aquatic Weed Control Methods


Resource only

The website provides information on the different control methods for managing aquatic weeds.

Visit the [NIWA website](#)

 n/a

 Free

 Online, self-directed

Best Management Practice for Aquatic Weed Control


Resource only

A PDF document that provides context, detection and a control toolbox for managing aquatic weeds.

Visit the [NIWA website](#)

 n/a

 Free

 PDF learning resource

Wai Ora Courses


NZQA Te Pūkenga

Level 3 and Level 4



Provide the skills and knowledge to understand and apply sustainability practices to coastal and freshwater bodies based on mātauranga Māori within local environments.


Visit the Wānanga website: [Kaupae Level 3](#)

[Kaupae Level 4](#)

 60 credits

 Free

  Noho, wānanga and online, self-directed

 Full-time: 18 weeks
Part-time: 24-36 weeks

New Zealand Certificate in Primary Industry Skills


NZQA Te Pūkenga

This programme provides entry level skills for those beginning a career in the primary industries.


Upon request, specific training and assessment can be directly focused on an active project.


Level 2

Visit the [EIT website](#)

 40-60 credits

 Free

 In-person workshop, various locations

 Full time: 12-14 weeks

New Zealand Certificate in Primary Industry Operational Skills


NZQA Te Pūkenga

This programme provides primary industry workplaces with individuals who can safely and effectively carry out operational activities (involving vehicles, machinery and infrastructure).


Upon request, specific training and assessment can be directly focused on an active project.


Level 3

Visit the [EIT website](#)

 40-60 credits

 Free

 In-person workshop, various locations

 12-18 weeks

Conservation Planning and Targeted Riparian Management Workshops

Training

[Visit the NIWA website](#)

 n/a  Unknown  In-person workshop, local delivery available  Unknown

Kaitiaki tools

Resource only

A series of web pages that look at riparian impacts, causes and mitigation from a resource consent point of view.

[Visit the NIWA website](#)

 n/a  Free  Online, self-directed

Waterways, Wetlands and Drainage Guide

Resource only

PDF guide that provides advice on assessment, design and management from a values-based approach.

[Visit the Christchurch City Council website](#)

 n/a  Free  PDF learning resource


Wetland Restoration: A Handbook for New Zealand Freshwater

Resource only

NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.

This PDF handbook provides a detailed, comprehensive ecosystem approach toward understanding, protecting and enhancing degraded wetlands.

[Visit the Landcare research website](#)

 n/a  Free  PDF learning resource

River Practitioners Workshop

Training

NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.

The focus of this workshop is on introducing the key processes driving river behaviour in New Zealand and how to work with them.

[Visit the Massey website](#)

 n/a  \$750  In-person workshop  2 days

Restoring Waterway Form

Resource only

NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.

This PDF guide provides advice on assessment, design and management of riparian channels.

[Visit the Christchurch City Council website](#)

 n/a  Free  PDF learning resource

Electric Fishing Workshop

Training

Legal requirement: Electro-fishing certification


NOTE: Requires a minimum of 6 participants.

[Visit the NIWA website](#)

 n/a

 Unknown

 In-person workshop

 Unknown

Streak Health Monitoring and Assessment Kits (SHMAK)

Resource only


A series of NIWA videos that cover monitoring a stream and how to use the kit.

Visit the YouTube channel: [English videos](#)

[Demonstration in Te Reo Māori](#)

 n/a

 Free

 Video series
learning resource

Freshwater Discovery and Monitoring Handbook


Resource only

A PDF guide that provides a comprehensive ecological monitoring toolkit.

[Visit the Whitebait Connection website](#)

 n/a

 Free

 PDF learning resource

Water Monitoring


Resource only

This website provides numerous resources to support all aspects of water quality and waterway health monitoring.

[Visit the NZ Landcare Trust website](#)

 n/a

 Free

 Online, self-directed

Community Guide to Ecological Monitoring

Resource only


NOTE: This is a higher-level skill – requires related degree or subject matter expert advice.

PDF guide that provides a comprehensive ecological monitoring toolkit and also covers riparian ecology.

[Visit the Landcare research website](#)

 n/a

 Free

 PDF learning resource

Restoration Indicator Toolkit


Resource only

A PDF toolkit to recommend and describe a range of indicators for monitoring riparian restoration projects.

[Visit the NIWA website](#)

 n/a

 Free

 PDF learning resource

Freshwater Ecology Inventory and Monitoring


Resource only

This website provides numerous resources describing methods to inventory and monitor freshwater environments.

[Visit the DOC website](#)

 n/a

 Free

 Online, self-directed

Sampling Freshwater Fisheries Guidelines


Resource only

A series of resources for fish sampling protocols in wadable and non-wadable systems.

[Visit the NIWA website](#)

 n/a

 Free

 Online, self-directed

Freshwater Invertebrate Guide


Resource only

A website resource designed to assist community groups monitoring freshwater invertebrates in New Zealand.

[Visit the Landcare Research website](#)

 n/a

 Free

 Online, self-directed