

New Zealand Laboratory Education Water Sampling Certification (Micro-credential)

**Part of the New Zealand Qualifications Framework
31 credits**

**Education and credentialing for people serious about doing
water sampling correctly, and who want to have evidence of
their expertise**

**Suitable for people with or without previous relevant
experience**

**Eligible for the government's FeesFree scheme
Full scholarships available**

**Fees for those without FeesFree or scholarship: \$1860
(Fees include lending of equipment)**

Intakes most months

**Full-time (up to 12 weeks)
Part-time options (up to 50 weeks)**

Available anywhere in New Zealand

**Delivery by video lessons to use whenever you want, as well
as one-on-one expert assistance by video session scheduled
to your convenience**

Content Highlights

Representative sampling
Contamination prevention
Preservation
Storage
Transportation
Types of water sampled
Influence of analytical purpose
Safety
Māori cultural views of water
Practices responsive to Māori cultures
Standards for water sampling
Sample reception
Sample registration
Sub-sampling
Client sampling
Temperature
pH meter measurement
Water clarity measurement
Dissolved oxygen measurement
Temperature measurement
Wet chemistry assays
Troubleshooting
Care of equipment
Cloud cover estimation
Vegetation cover estimation
Wind measurement
Recording data

Placement

The last part (and a highlight) of the programme is a placement with an organisation that does high quality water sampling including:

- local governments (e.g., city council or regional council)
- laboratories, or
- other approved organisations.

You are responsible for arranging the placement, although we would be happy to assist.

If you are already employed by an organisation that does water sampling, that is probably your best option.

We judge the sufficiency of the placement based on:

- quantity and variety of sampling, and
- quantity and variety of related work (e.g., measurements).

A typical placement for a typical participant would be approximately 70 hours. (However, may be longer if sampling sites are very far apart).

Information for potential placement hosts

We try to keep things easy for the placement hosts. We want participants to experience how things are done using your normal procedures, so you do not have to do anything special other than train them during your normal sampling runs. We will ask you to:

- verify that the work that the participant reported, and
- let us know the quality of that work.

Interested?

The next step would be to complete the form at www.rwe.ac.nz/watersampling to request to do the free short informational video lesson about the programme (includes scholarship information). That is likely to answer most questions you have.

After that, you can apply to the programme online. Once we review your application, we will invite you to have a video conversation with one of our educators. That is a great opportunity to get remaining questions answered.