

# Collect and Evaluate Groundwater Data MSS025034

*Advance your career in Environmental Monitoring, gain accredited skills in Groundwater Data Collection and Interpretation*




This nationally accredited unit of competency provides participants with the essential skills and knowledge to collect, test, and interpret groundwater data accurately and safely.

This unit can also be used as a credit towards the Diploma of Water Industry Operations (NWP50118) and other VET qualifications.

## SKILLS GAINED

- ✓ Hydrogeological data interpretation
- ✓ Monitoring well network evaluations
- ✓ Groundwater measurements and sampling techniques
- ✓ Operate monitoring instrumentation
- ✓ Plan groundwater monitoring programs

 **Website** [hydroterra.com.au](https://hydroterra.com.au)

 **Website** [AHA.net.au](https://aha.net.au)

 **Enquiries** [training@aha.net.au](mailto:training@aha.net.au)

## Collect and Evaluate Groundwater Data (MSS025034)

Developed in partnership between the **Australian Hydrographers Association (AHA)** and **HydroTerra**, the unit is ideal for environmental technicians, hydrometric officers, and related professionals involved in groundwater monitoring. Participants will learn how to obtain representative samples, prevent contamination, measure bore conditions, perform field tests, and analyse results.

Applicable across a wide range of industries including environmental monitoring, water management, compliance, site remediation, and natural resource management. This course equips learners with practical, industry-relevant expertise to support sustainable environmental outcomes.

### Course Content

- Introduction to groundwater systems
- Planning groundwater data collection and metadata management
- Establishing monitoring wells
- Manual measurement
- Continuous monitoring systems
- Processing and interpreting groundwater data
- Maintaining safety and environmental responsibility

### Outcomes

- Explain the characteristics of groundwater systems and interpret hydrogeological information.
- Plan groundwater monitoring programs and manage metadata to ensure accurate and traceable data.
- Establish and evaluate monitoring wells, applying safe and effective field practices.
- Perform water level and water quality measurements, including sampling, following QA/QC procedures.
- Operate and interpret data from continuous groundwater monitoring systems.

### Information

**Dates 2026:** Semester 1 (1<sup>st</sup> March - 31<sup>st</sup> May) and Semester 2 (1<sup>st</sup> August - 31<sup>st</sup> October)

**Price:** \$1250 (plus GST)

**Prerequisites:** Access to groundwater monitoring bores, sampling and continuous monitoring equipment (this can be hired from HydroTerra), access to someone experienced in groundwater sampling to sign off on assessments.