

# Groundwater Sampling

## Part 1 | Online

Providing  
**4**  
Continuing  
Professional  
Development  
Points

**Understand the why, what, where, when, who, and how to conduct groundwater sampling. Designed by HydroTerra's leading environmental monitoring services team for engineers, technicians and works supervisors.**

### **What you will learn:**

The fundamentals of groundwater and best practice groundwater sampling from the planning phase, into the field and through to reporting results accurately and in a meaningful way.

### **Support:**

Live questions during the Lesson 1 webinar, 24-hour response time to queries as you learn, one-on-one meeting to conclude your learning. Access to a downloadable, detailed Resource Kit.

### **Recognition:**

In addition to the four (4) Continuing Professional Development points you can claim, you will receive an industry-recognised certificate of attainment. This course is supported by ALGA.

### **Expected time to complete:**

Four (4) hours

**Cost: \$450**

### **Lesson 1: Webinar**

- *"Dive right into groundwater sampling"*

### **Lesson 2: Intro to groundwater sampling**

- 2.1 What is groundwater sampling
- 2.2 Objectives of groundwater sampling
- 2.3 Design of monitoring well networks
- 2.4 Monitoring well types, materials & installation
- 2.5 Data integrity
- 2.6 Bore gauging
- 2.7 Purging methods & equipment
- 2.8 Sampling methods & equipment

### **Lesson 3: Practical steps for successful groundwater sampling**

- 3.1 Field assessment
- 3.2 Bore gauging
- 3.3 Set up for conventional monitoring wells
- 3.4 Purging to equilibrium
- 3.5 Sampling collection
- 3.6 Clean up and decontamination
- 3.7 Handling your samples
- 3.8 Reporting
- Your groundwater sampling resource kit

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**Measure well | Manage well**