

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