

# Certified Water Conservation Professional (CWCP) Workshop

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Days: **2 Days** | Course Fee: **USD 1,000**

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## Course Description

The Certified Water Conservation Professional (CWCP) Training Program is a specialized certification course designed to equip professionals with the expertise to conduct comprehensive water audits, identify cost-saving opportunities, and implement sustainable water management strategies. Spanning three core sections—Water Audits, Water Saving Opportunities, and Reporting—the program blends theoretical foundations with practical, real-world applications. Participants will learn to assess water use in buildings, leverage industry tools (like Liquido), and design actionable plans to reduce consumption, lower operational costs, and meet environmental goals. Ideal for those leading water efficiency initiatives in commercial, industrial, or institutional settings, this course delivers the skills needed to become a trusted authority in water resource management.

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## What You Will Learn

By completing this program, you will learn:

### 1 Water Audit Methodology

- Plan and execute water audits, from initial assessment to action plan implementation.
- Use Liquido to benchmark water use and certify performance.
- Differentiate between Level-1 (screening) and Level-2 (detailed) audits to tailor approaches to project needs.
- Collect and analyze site data to identify inefficiencies and prioritize improvements.

## 2 Water Saving Opportunities (WSOs)

- Optimize sanitary fixtures/equipment: Toilets, urinals, faucets, showerheads, and laundry systems.
- Reduce commercial kitchen water use: Ice machines, steam cookers, pre-rinse spray valves, and dishwashers.
- Manage outdoor water use: Landscaping, irrigation, pools/spas, and vehicle washing.
- Improve mechanical systems: Cooling towers, chilled water systems, and boiler/steam systems.

- Leverage alternative water sources: Rainwater harvesting, treated greywater, and condensate reuse.

## 3 Reporting & Communication

- Prepare professional water audit reports with clear formats, actionable recommendations, and measurable outcomes.
- Communicate findings to stakeholders (building owners, operators, regulators) to drive adoption of water-saving measures.

## Who Should Attend?

This program is tailored for professionals committed to advancing water efficiency in built environments, including:

**Water Resource Engineers:** Specializing in building water systems and sustainability.

**Facility Managers:** Responsible for reducing water costs and ensuring compliance in commercial, educational, or healthcare facilities.

**Sustainability Consultants:** Advising clients on water conservation and green building certifications (e.g., GSAS, LEED).

**Building Operators & Maintenance Staff:** Implementing day-to-day water efficiency measures and monitoring systems.

**Environmental Specialists:** Focused on resource conservation and regulatory compliance.

**Career Changers:** Transitioning into the growing field of water management and circular economy practices.

Whether you're new to water auditing or seeking to validate your expertise, AWEP provides the credentials and skills to lead transformative water efficiency projects.

## Course Modules

### Course Content (Teaching Modules)

Module 1:	Introduction to Water Audit in Buildings
Module 2:	Water Audits and GSAS Operation Certification overview
Module 3:	Levels of Effort & Water Audit Process
Module 4:	Water Savings Opportunities in various building uses
Module 5:	Sanitary Fixtures and Equipment
Module 6:	Commercial Kitchen Equipment
Module 7:	Outdoor Water Use
Module 8:	Mechanical Systems
Module 9:	Laboratory and Medical Equipment
Module 10:	On-Site Alternative Water sources
Module 11:	Water Audit Report