

CPSWQ

Certified Professional in StormWater Quality

CPSWQ (Certified Professional in StormWater Quality) embraces the science of stormwater quality and management. This practice specializes in the characterization, modeling, management of water pollutants (manmade and natural) and their impacts on the environment. CPSWQ professionals manage all stages of stormwater from planning through design and discharge monitoring, ensuring compliance with U.S. Environmental Protection Agency (EPA) and National Pollutant Discharge Elimination System (NPDES) requirements and standards. CPSWQs satisfy educational and substantial experience standards, adhere to a code of ethics, pass a rigorous qualifying exam, and maintain expertise through a continuing professional development program.

A CPSWQ guides the planning and development of sustainable, resilient communities that manage stormwater in an environmentally responsible manner, improving water quality, reducing flood risks, and enhancing urban spaces. CPSWQs encompass many disciplines and specialties that work to design comprehensive permanent stormwater quality plans and monitoring schedules to address removal of pollutants from stormwater.

CPSWQ expertise includes:

- Rules and regulations
- Fundamentals of soil mechanics and formation
- Soil and water pollutants
- Pollutant sources
- Pollutant quantification
- Pollutant removal and mitigation
- watershed hydrology, and
- Green Infrastructure (GI)

These areas of highly technical expertise are essential to protect water quality and minimize environmental impacts.



Industries in which CPSWQs practice include but are not limited to:

- Construction and Land Development
- Urban Development
- Urban and Rural Flood Rehabilitation
- Commercial and Industrial Developments
- Transportation
- Energy & Science
- Reclamation and Site Remediation
- Watershed Management
- Manufacturing
- Institutional Development

BENEFITS OF CPSWQ CERTIFICATION

The CPSWQ certification identifies professionals with a high level of experience, training, and technical knowledge in this highly specialized field. Due to the wide array of knowledge unique to a CPSWQ, this certification is complementary to other specialized practices, such as geology, engineering, landscape architecture, and other licensed professionals.

As a CPSWQ, the professional is an invaluable team member to provide design quantification and mitigation measures to remediate and improve water quality issues. The CPSWQ is a highly specialized field of expertise that provides design for measures such as post construction management practices/LID practices to meet the required effluent regulations.

Professional certifications such as CPSWQ, illustrate excellence in technical achievement and are recognized by peers, present and prospective employers, clients, and government agencies.

CANDIDATES REQUIREMENTS

- Possess a high school diploma (or equivalent)
- At least seven (7) years of relevant educational and/or professional experience.
- Individuals having an applicable college degree may receive educational credit for their education
- Individuals having a minimum of two (2) years of qualifying education and/or work experience may qualify for In-Training (IT) status.

GENERAL PRINCIPLES REVIEWS AND EXAMS

CPSWQ General Principles Review courses are available On-Line and On-Demand as a stand-alone course or In-Person at special events and/or upon request. The exam can be scheduled to be taken at a third-party testing facility or at a special In-Person event.

ADDITIONAL INFORMATION

For more information about ECI Professional Certifications, please visit www.envirocert.org, email info@envirocert.org, refer to the QR code below or contact ECI at (279) 888-6911.

CPSWQ® <i>Certified Professional in StormWater Quality™</i>	
Education	
<ul style="list-style-type: none"> • High School Diploma or GED Required: Yes • College Diploma Required: No • Required Total Professional Experience / Education Credit (min.): 7 years 	
Education Credit	
Associate** (Science, Planning, or Construction Management)	1 year / .5 year
No degree but Professional License (PE, LA, PG, PH)*	4 years
Bachelors Degree** (Science, Planning, or Construction Mgmt. areas)	4 years / 2 years
Graduate (All of the above areas or Law)***	5 years
In Training Certifications	
<ul style="list-style-type: none"> • In Training Program Offered • Required Total Experience (min.): 2 years 	

