WCWC Walkerton Clean Water Centre

An agency of the Government of Ontario



COURSE CATALOGUE

Fall 2026

Safe Water, Strong Communities.

Mandatory Courses	CEU	Delivery	Topics
Entry-Level Course for Drinking Water Operators	7.0		
Mandatory Certificate Renewal Course	0.7		

Small Systems Courses	CEU	Delivery	Topics
Advanced for Small Drinking Water Systems (O.Reg. 319/08)	0.7		
Basics for Small Drinking Water Systems (O.Reg. 319/08)	0.7		
Best Practices for Small Systems	0.7		
Operation of Limited Systems	0.9		
Operation of Small Systems for Trained Persons (O. Reg. 170/03)	0.9		
Small System Fundamentals (O. Reg. 170/03)	0.7		
Small Systems Hands-On Workshop	0.6		

Introductory Courses	CEU	Delivery	Topics
Basic Chemistry for Water Operators	0.7		
Conversion Math	0.7		
Disinfection: Chlorine	0.7		
Disinfection: Sodium Hypochlorite	0.7		
Drinking Water Advisories in First Nations Communities	0.7		
Ethics for Drinking Water Operators	0.3		
Fundamental Math	0.7		
Groundwater and Well Basics	0.7		
Introduction to Audits for Leadership Roles	0.7		

Introductory Courses	CEU	Delivery	Topics
Introduction to Audits for Operators	0.3		
Introduction to Chemistry Principles	0.3		
Introduction to Cisterns	0.2		
Introduction to First Nations Guidance Documents	0.7		
Introduction to Pressure: Hazards and Best Practices	0.3		
Introduction to Wells	0.1		
Leak Detection and Flow Measurement	0.7		
New Watermain Commissioning	0.7		
Operator Toolbox	0.7		
Recordkeeping Requirements	0.1		
Responsibilities Under the Statutory Standard of Care: Safe Drinking Water Act	0.3		
Safe Drinking Water Act & Related Regulations	0.7		
Sampling and Water Analysis	0.7		
Under Pressure - Working With Pressurized Water/Wastewater Equipment	0.7		
Water Instabilities in Distribution Systems	0.3		
Water Quality Analyst	1.8		
Water Storage Facilities	0.7		
Water Valve Operation & Maintenance	0.7		
Watermain Construction and Maintenance	0.7		
Watermain Repair Logistics	0.7		

Introductory Courses	CEU	Delivery	Topics
Working with Pressurized Equipment	0.3		

Intermediate Courses	CEU	Delivery	Topics
Attaining Water Quality Compliance	0.7		
Case Studies in Chemical Contamination	0.7		
Chemically Assisted Granular Media Filtration	0.7		
Drinking Water Quality Management Standard (DWQMS)	0.7		
Drinking Water Treatment Processes, Including Jar Testing	0.7		
Efficiency in Drinking Water Operations	0.7		
Internal Auditing for the Drinking Water Quality Management Standard	1.4		
Operation of Conventional Treatment Processes	1.4		
Performing Inspection and Maintenance of Fire Hydrants	0.7		
Performing Service Taps on Watermains	0.7		
Risk Assessment and Emergency Preparedness	0.7		
Safe Drinking Water: Lessons from Outbreaks	0.7		
SCADA for Operators and Managers	0.7		
Ultraviolet Light Treatment of Drinking Water	0.7		

Advanced Courses	CEU	Delivery	Topics
Calculating CT for Chlorine Disinfection	0.7		
Emerging Issues: Cyanobacterial Toxins, Disinfection By-Products and Pathogens	0.7		
Iron and Manganese Removal/Control Strategies	0.7		
Maintaining Water Stability in Distribution Systems	0.7		
Managing Algae in Drinking Water Systems	0.7		
Natural Organic Matter in Drinking Water: Characteristics, Challenges and Control	0.7		
Ozone in Drinking Water Treatment	0.7		
Prevention and Control of Nitrification in Drinking Water Distribution Systems	0.7		
Quantitative Microbial Risk Assessment (QMRA)	0.7		

Exam Prep Courses	CEU	Delivery	Topics
Exam Prep Water Treatment III and IV Math	0.9		
Exam Prep Water Treatment III and IV: Source Water	0.5		

NEW

Delivery Methods

- Classroom
- Virtual
- E-learning
- Hands-on

Topics Covered

- Treatment
- Distribution
- Regulatory
- Management
- Health & Safety

About Us

The **Walkerton Clean Water Centre** is a recognized authority for drinking water operations, standing at the highest regulatory standard in Canada. Founded in Walkerton, Ontario, it specializes in offering education, technical application, resources, and advisory support for the province and across Canada.

Education

Technical Application

Resources

Advisory



On-site training available.

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