

Pre-Approved Courses for Certification Renewal - Continuing Education Units (CEUs)

The review and approval of courses is ongoing therefore, the following list may not include all available training opportunities and is subject to change.

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	ACWWA Annual Conference	1.5	✓	✓	✓	✓
	Water Treatment	2.8	✓			
	Water Distribution	2.8		✓		
	Wastewater Treatment	2.8			✓	
	Wastewater Collection	2.8				✓
	UV Disinfection	0.4	✓	✓	✓	✓
	Chlorine Handling & Disinfection	2.8	✓	✓	✓	✓
	Membrane Water Treatment Plant Operations	0.6	✓			
	Distribution System Corrosion and Control	1.2	✓	✓		
	Basic Math Workshop	0.6	✓	✓	✓	✓
	Fire Hydrant Maintenance and Repair	0.5		✓		
	Introduction to Ponds and Lagoons	0.7			✓	
	Basic Microbiology for Water & Wastewater Operators	0.7	✓	✓	✓	
	Water Efficiency and More - Methods, Results and Tips	0.6		✓		
	Optimizing Disinfection	1.2	✓	✓		
	Advances in Water Distribution Modelling	0.6		✓		
	Watermain Rehabilitation Technologies	0.6		✓		
	Hydrant & Valve Maintenance	0.6		✓		
	Watermain Disinfection	0.5		✓		
	Water Quality Sampling & Monitoring	0.7	✓	✓	✓	
	Continuous Water Quality Monitoring	0.6	✓	✓	✓	
	Basics of Pipe Tapping (2007)	0.6		✓		
	Chemical Feed Systems Seminar	0.5	✓	✓	✓	
	The Basics of Wastewater Treatment	0.6			✓	
	Water Efficiency	1.2		✓		
	Leak Detection (Water Distribution)	0.6		✓		
	Small Water Systems	1.2	✓	✓		
	Small Wastewater Systems	1.3			✓	✓
	Managing Small Water Systems	1.3	✓	✓		
	Unidirectional Flushing	0.6		✓		
	Pipe Tapping and Service Line Product: "From the Main to the Curb"	0.6		✓		✓
	Unidirectional Flushing (Aqua Data Atlantic)	0.4		✓		
	Leak Detection (Aqua Data)	0.3		✓		
	Chlorine Disinfection and Testing Workshop	0.3	✓	✓		
	Water Quality Disinfection & Testing	0.3	✓	✓		
	Distribution System Disinfection & Safeguarding	0.6	✓	✓		
	Trenchless Technology	0.3		✓		✓
	Submersible Pumps-Theory and Practical	0.3			✓	✓
	Water Distribution Level III	2.8		✓		
	Mathematics for Water & Wastewater Operators	0.6	✓	✓	✓	✓
	Process Instrument Verification	0.6	✓	✓		
	Analysis for Corrosion Control	0.6	✓	✓		
	Basic Water Analysis	0.6	✓	✓		
	Wastewater Analysis I	0.6			✓	
	Nutrients and Other Wastewater Parameters	0.6			✓	
	Introduction to Wastewater Treatment Processes	0.6			✓	
	Meter Training	0.5		✓		
	Asset Management for Water and Wastewater	0.6	✓	✓	✓	✓
	Monitoring and Treatment for Improved Organics Removal	0.6	✓			
	Regulation Clarification and Service Line Advancement	0.3		✓		
	Drinking Water Security	0.6	✓		✓	
	Leak Detection (Wastewater)	0.6			✓	✓
	Wastewater Collection Fundamentals and Maintenance	0.6				✓
	Water Distribution Piping (Plastic)	0.3		✓		
	Metrology, Basic-Repair-Calibration	0.5		✓		
	Practical Operation of Variable Frequency Drives	0.6	✓	✓	✓	✓
	Chlorine Disinfection	1.2	✓	✓	✓	✓
	AWWA Water Distribution Mainline Valves	0.6		✓		
	Small Water Systems (one-day course)	0.6		✓		
	NASTT's CIPP Good Practices Course	0.7		✓		✓
	Wastewater Aeration	0.6			✓	
	Lift Stations and Forcemains	0.6				✓
	Varec Biogas Training	0.7			✓	
	Chlorine Handling and Response Training	1.3	✓	✓	✓	✓
	Drinking Water and Wastewater Sampling	0.3	✓	✓	✓	✓
	Fire Hydrant Maintenance and Assembly	0.5		✓		
	Fundamentals of Pumping	0.6	✓	✓	✓	✓
	Pipe and Cable Locate Training	0.7		✓		✓
	Automatic Diaphragm Control Valves	0.8	✓	✓	✓	✓
	Waterborne Diseases	0.6	✓	✓	✓	✓
	Check Valves and Air Relief Valves	0.35		✓		✓
	Pressure Management to Reduce Water Loss & Pipe Burst	0.35		✓		
	Flow Metering Technologies	0.7	✓	✓	✓	✓
	NASTT's Introduction to Trenchless Technology – Rehabilitation	0.4		✓		✓
	Mueller Mobile Water Distribution Product Training	0.6		✓		
	Water Distribution Disinfection and Water Quality	0.6		✓		
	CT Disinfection Concepts and Solution Metering and Control	0.6	✓	✓		
	Fire Hydrant Maintenance and Assembly	0.4		✓		
	Source to Tap	0.8	✓	✓		
	Hypochlorination	1.2	✓	✓		
	Chlorine Handling Refresher	1.2	✓	✓	✓	✓

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Atlantic Canada Water and Wastewater Association (ACWWA) www.acwwa.ca	Smart City- Reading past the meter	0.35	✓	✓		
	Basic Math and Water System Flushing Calculations	0.30	✓	✓		
	Basic Math and Disinfection Calculations	0.30	✓	✓		
	Cross Connection Control Program Maintenance	0.70	✓	✓	✓	✓
	Cross Connection Control Awareness	0.70	✓	✓	✓	✓
	Reservoir Maintenance and Cleaning	0.70	✓	✓		
	Sewer Pump and Lift Station Maintenance	0.70				✓
	Water Main Commissioning	0.30		✓		
	Water Main Repair and Disinfection	0.70		✓		
	Operator Safety and Equipment Awareness	0.70	✓	✓	✓	✓
	Stormwater Management	0.70				*
	Water Treatment for Water Distribution Operators	0.70	✓	✓		
	Water Conservation (Cut Your Losses)	0.70		✓		
	Overview of Water Storage Systems	0.70		✓		
	Understanding System Hydraulics	0.70		✓		
	Chlorination and Disinfection Refresher	0.70	✓		✓	
	Basic Water Distribution for Water Treatment Operators	0.70	✓	✓		
	Advanced Water Treatment	0.70	✓			
	Cyanotoxins and Their Treatment	0.70	✓	✓		
	Sewer Flushing and Cleaning	0.70				✓
	Understanding System Hydraulics	0.70		✓		✓
	Adverse Water Quality Response	0.70	✓			
	Safe Drinking Water Act	0.70	✓	✓		
	Impacts of Trapped Air Particles in Water Distribution System	0.70		✓		
	Winter Wise- The Cold Hard Facts about Distribution Systems	0.70		✓		
	The Distribution System: Protect your Water from Source to Tap	0.70	✓	✓		
	Disinfection of Potable Water Piping	0.70		✓		
	Water Quality for Distribution Systems	0.70		✓		
	Distribution System Breaks and Repairs	0.70		✓		
	Flushing Techniques	0.70		✓		
	Basic Wastewater Collection for Treatment Plant Operators	0.70			✓	
	Basic Wastewater Treatment for Collection System Operators	0.70				✓
	Drinking Water Disinfection	0.70		✓		
	Successful Ministry Inspections	0.70	✓	✓	✓	✓
	Municipal Wastewater Environmental Compliance Approvals & Inspections	0.35			✓	
	Municipal Wastewater Sewer Use Sampling & Monitoring	0.35			✓	✓
	Ponds & Lagoons	0.70			✓	
	Wastewater Digester Operation & Control	0.70			✓	
	Calculations in Wastewater Technology	0.70			✓	
	Wastewater Bacteria	0.70			✓	
	Wastewater Laboratory Health & Safety	0.70			✓	✓
	Nitrogen Removal Systems	0.70			✓	
	Effluent Disinfection	0.70			✓	✓
	Unidirectional Flushing	0.60		✓		✓
	Source Water Protection	0.60	✓	✓		
	Wastewater Treatment II	2.40			✓	
	Water and Wastewater Math for Operators	0.60	✓	✓	✓	✓
	Emerging Issues: Lead Services	0.70		✓		
	Wastewater Microbiology	0.70			✓	✓
	UV Disinfection & Advanced Oxidation	0.70	✓			
	Wastewater Problem Solving	0.70				
	Cross Connection Control	0.70	✓	✓		
	Corrosion Prevention & Control	0.70		✓		
	Multi-Barrier Approach to Drinking Water	0.70	✓	✓		
	Online Automatic Diaphragm Control Valves	0.30	✓	✓	✓	✓
	Flow Metering Technologies Online	0.30	✓	✓	✓	✓
	Chemical Safety	0.70	✓	✓	✓	✓
	Municipal Residential Drinking Water Systems in Source Protection Areas	0.70	✓	✓		
	Basic Lab Procedures for Water Operators	0.70	✓	✓		
	Lab Procedures for Wastewater Operators	0.70			✓	
Primary Basics	0.70			✓		
WDS Pipe Repair Best Practices	0.30	✓	✓	✓	✓	
The Role of Operations and Maintenance in Asset Management for Water & Wastewater Systems	0.55	✓	✓	✓	✓	
Water Loss & Leak Detection	0.30		✓			
Water Distribution System Pressure & Flow Control	0.70		✓			
Introduction to Membranes for Water Treatment	0.70	✓				
Gas Chlorination Safety	0.30	✓	✓			
Groundwater Treatment Quality	0.70	✓	✓			
Surface Water Treatment Quality	0.70	✓	✓			
Iron and Manganese Removal	0.70	✓	✓			
Chlorine Residual Testing	0.30	✓				
Collection System Odour & Corrosion Control	0.70				✓	
Asset Management for Water Transmission and Distribution	0.55		✓			
Asset Management for Water Treatment Plants	0.55	✓				
Covid-19 and Drinking Water	0.70	✓	✓	✓	✓	
Process Control and Scada	0.70	✓	✓	✓	✓	
Wastewater Treatment Plants Asset Management Program	0.60			✓		
Wastewater Collection Plants Asset Management Program	0.60				✓	
Activated Sludge Webinar	1.40			✓		
Distribution System Corrosion Control	0.30		✓			
Water Distribution Level 1 & 2 Review	1.10		✓			
Exam Prep for Water Treatment: Level 1 & 2	2.80	✓				
Exam Prep for Water Treatment: Level 3 & 4	2.80	✓				
Exam Prep for Water Distribution: Level 1 & 2	2.80		✓			

Training Provider	Course Name	CEUs	Applicable to:				
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection	
	Exam Prep for Water Distribution: Level 3 & 4	2.80		✓			
	Exam Prep for Wastewater Treatment: Level 1 & 2	2.80			✓		
	Exam Prep for Wastewater Treatment: Level 3 & 4	2.80			✓		
	Exam Prep for Wastewater Collection: Level 1 & 2	2.80				✓	
	Exam Prep for Wastewater Collection: Level 3 & 4	2.80				✓	
	Submersible Pump Training Teardown and Rebuild	0.70	✓	✓	✓	✓	
	Climate Change Resilience	0.50	✓	✓	✓	✓	
	Activated Sludge Training Course	0.70			✓		
Wastewater Laboratory Analysis	0.70			✓			
Maritime Provinces Water and Wastewater Association (MPWWA) www.mpwwa.ca	MPWWA Annual Conference	1.5	✓	✓	✓	✓	
	Basic Math Course	0.6	✓	✓	✓	✓	
	Basic Computer Course	0.6	✓	✓	✓	✓	
	Water Meter Workshop (2008)	0.6		✓			
	Control Valves	0.6	✓	✓	✓	✓	
	Pumps Operating & Maintaining	0.6	✓	✓	✓	✓	
	SCADA	0.6	✓	✓	✓	✓	
	Introduction to Process Control	0.6	✓	✓	✓	✓	
	Valve Workshop	0.5	✓	✓	✓	✓	
	Activated Sludge	1.2			✓		
	Lateral Lining Good Practices Course	0.7				✓	
	Using the Microscope to Evaluate Process	0.7			✓		
	M44 Mainline Distribution Valves	0.6		✓			
	External Joint Restraints for Buried Pressure Pipelines	0.4		✓		✓	
	Electrical Safety and Arc Flash	0.7	✓	✓	✓	✓	
	Basic Electrical Understanding for Municipal Systems Operators	1.1	✓	✓	✓	✓	
Basics of Pipe Tapping and Service Lines	0.7		✓				
Correspondence & Online Courses							
	Water Treatment Plant Operation, Vol. 1	9.0	✓				
	Water Treatment Plant Operation, Vol. 2	9.0	✓				
	Small Water System Operation and Maintenance	9.0	✓	✓			
	Water Distribution System Operation and Maintenance	9.0		✓			
	Operation of Wastewater Treatment Plants, Vol. 1 (8th ed.)						
	A – Safety, Beginning Treatment and Lagoon Systems	4.0			✓		
	B – Secondary Treatment	3.6			✓		
	C – Disinfection, Laboratory Procedures and Math	4.3			✓		
	Operation of Wastewater Treatment Plants, Vol. 2 (8th ed.)						
	A – Treatment Plants and Tertiary Treatment	3.5			✓		
	B – Solids Management and Plant Maintenance	4.0			✓		
	Operation of Wastewater Treatment Plants, Vol. 3 (1st ed.)						
	A – Effluent Discharge and Reuse and Odour Control	2.3			✓		
	B – Instrumentation and Control and Introduction to Utility Management	3.5			✓		
	Advanced Waste Treatment	9.0			✓		
	Industrial Waste Treatment, Vol. 1 (4th ed.)						
	A – Introduction, Safety, Waste Monitoring and Preliminary Treatment	4.2			✓		
	B – Physical & Physical-Chemical Treatment and Treatment of Metal Wastestreams	3.8			✓		
	C – Instrumentation and Control and Facility Maintenance	3.3			✓		
	Industrial Waste Treatment, Vol. 2 (4th ed.)						
	A – Introduction and Fixed Film Processes	2.6			✓		
	B – Activated Sludge Processes and Nutrient Removal	3.7			✓		
	C – Anaerobic Treatment and Residual Solids Management	3.5			✓		
	Small Wastewater System Operation and Maintenance, Vol. 1	9.0			✓		
	Small Wastewater System Operation and Maintenance, Vol. 2	9.0			✓		
	Operation & Maintenance of Wastewater Collection Systems, Vol. 1	9.0				✓	
	Operation & Maintenance of Wastewater Collection Systems, Vol. 2 (8th ed)	6.4				✓	
	Utility Management (3rd ed.)	1.6	✓	✓	✓	✓	
	Manage for Success	4.5	✓	✓	✓	✓	
	Collection System Operation & Maintenance Training Videos	0.6				✓	
	Collection Systems: Methods for Evaluating and Improving Performance	3.0				✓	
	Pretreatment Facility Inspection (4th ed.)	7.5			✓		
	Pretreatment Facility Inspection Training Videos	0.6			✓		
	Membrane Bio Reactor	1.0			✓		
	Treatment of Metal Wastestreams (5th ed.)	2.6			✓		
	Water System Operation and Maintenance Video Training Series	3.0	✓	✓			
	Small Water System Video Information Series	3.0	✓	✓			
	Online Courses						
	Small Water Systems: Wells	1.8	✓	✓			
	Small Water Systems: Treatment Plants	1.8	✓	✓			
	Small Water Systems: Disinfection	1.8	✓	✓			
	Small Water Systems: Safety and Introduction to Small System Management	1.8	✓	✓			
	Small Water Systems: Laboratory Procedures	1.8	✓	✓			
	Water Distribution System: Safety	1.8		✓			
	Water Distribution System: Distribution Facilities	1.8		✓			
	Water Distribution System: Disinfection	1.8		✓			
	Water Distribution System: Operation and Maintenance	1.8		✓			
	Water Distribution System: Management	1.8		✓			
	Math Applications in Collection Systems	1.8				✓	
	Math Applications in Water Treatment	2.1	✓				
	Math Applications in Water Distribution	1.9		✓			
	Math Applications in Wastewater Treatment	3.3			✓		
	WTTP 010 Basic Hydraulics	3.0	✓	✓	✓	✓	
	WTTP 011 Basic Water Chemistry	3.0			✓	✓	

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Thompson Rivers University	WTTP 013 Pipes, Valves and Fittings	3.0	✓	✓	✓	✓
	WTTP 014 Basic Principles of Pumps	3.0	✓	✓	✓	✓
	WTTP 015 Cross Connection Control	3.0	✓	✓	✓	✓
	WTTP 017 Environmental Legislation	3.0	✓	✓	✓	✓
	WTTP 020 Water Safe Certification	0.6			✓	✓
	WTTP 021 Electrical Principles	3.0	✓	✓	✓	✓
	WTTP 022 Test Elect Circuits & Safe Work Practices	3.0	✓	✓	✓	✓
	WTTP 023 Basics of Elect Motors & Motor Control	3.0	✓	✓	✓	✓
	WTTP 025 Instrumentation Principles	3.0	✓	✓	✓	✓
	WTTP 026 Process Measurement	3.0	✓	✓	✓	✓
	WTTP 027 Final Control Elements	3.0	✓	✓	✓	✓
	WTTP 029 Primary Process Water Equipment	3.0			✓	✓
	WTTP 030 Secondary Process Equipment	3.0			✓	
	WTTP 031 Building Mechanical Systems	3.0	✓	✓	✓	✓
	WTTP 033 Coagulation	3.0	✓		✓	
	WTTP 034 pH Control and Water Softening	3.0	✓	✓	✓	✓
	WTTP 035 Oxidation Reactions	3.0	✓	✓	✓	✓
	WTTP 045 Advanced Motor Control	3.0	✓	✓	✓	✓
	WTTP 046 Basic Electric Devices and Speed Drives	3.0	✓	✓	✓	✓
	WTTP 047 Basic Programmable Logic Controllers	3.0	✓	✓	✓	✓
	WTTP 053 Advanced Coagulation & Emergency Technology	3.0			✓	
	WTTP 054 Dissolved Air Flootation and Jar Testing	3.0	✓		✓	
	WTTP 055 Clarifiers	3.0	✓		✓	
WTTP 069 Introduction to Microbiology and Toxicology	3.0	✓	✓	✓	✓	
WTTP 070 Microbiology	3.0	✓	✓	✓	✓	
WTTP 071 Toxicology	3.0	✓	✓	✓	✓	
WTTP 2151 Membrane and Filtration Techniques	3.0	✓		✓		
VTScada by Trihedral	VTSCADA Operation & Configuration Training – 2023	2.8	✓	✓	✓	✓
	VTSCADA Advanced Configuration & Scripting	2.9	✓	✓	✓	✓
	SCADA HMI Software	0.4	✓	✓	✓	✓
Accessible Water & Wastewater Solutions Ltd. (AWWS) www.awws.ca	Pumps – Operation & Maintenance	0.6	✓	✓	✓	✓
	Mechanical Maintenance	0.6	✓	✓	✓	✓
	Basic Computers Module 1	0.6	✓	✓	✓	✓
	Basic Math Module 1	0.6	✓	✓	✓	✓
	Lab Skills Module 1	0.6	✓	✓	✓	✓
	Drinking Water Quality & Sampling	0.6	✓	✓		
	Detecting Leaks in Watermain Distribution Pipes	0.6		✓		
	Lift Station	0.6		✓		✓
	Technical Drawings	0.6	✓	✓	✓	✓
	Watermain Breaks & Repairs	0.6		✓		
	Watermain Disinfection	0.6		✓		
	Introduction to Motor Controls & VFDs	0.6	✓	✓	✓	✓
	Wastewater Treatment Process Control	0.6			✓	
	Chemical Feed Systems	0.6	✓	✓	✓	✓
	Water Treatment	0.7	✓			
	Water Distribution	0.7		✓		
	Wastewater Collection – Core	0.6				✓
	Wastewater Treatment – Core	0.6			✓	
	Operations Manuals by Operators, Best Practices/Due Diligence	0.6	✓	✓	✓	✓
	Operational Math (for Water & Wastewater Operators)	0.6	✓	✓	✓	✓
	Computerized Maintenance Management Systems (CMMS)	0.6	✓	✓	✓	✓
	Drinking Water Quality	1.2	✓	✓		
	ABCs of Biological Wastewater Treatment	0.6			✓	
	Distribution System Corrosion Control	0.6	✓	✓		
	Wastewater Lagoons & Sludge Removal	0.7			✓	
	Operational Math Refresher	1.2	✓	✓	✓	✓
Electrical Awareness	0.7	✓	✓	✓	✓	
Water Pretreatment Optimization	0.7	✓				
Water Meters	0.7	✓	✓			
Excel Theory for Water & Wastewater Data	0.7	✓	✓	✓	✓	
Environmental Leverage Inc.	Microbiology in Wastewater	0.2			✓	
	Indicator Organisms in Wastewater	0.3			✓	
	Troubleshooting Microbiology	0.2			✓	
	Using the Microscope	0.4	✓		✓	
	Wastewater Basics	0.2			✓	
	Visual Troubleshooting	0.7			✓	
Halifax Water Commission www.halifax.ca/hrwc	Coagulation, Filtration and Jar Testing	0.4	✓			
	Water Treatment and Filter Surveillance Workshop	1.4	✓			
	DeltaV SCADA	0.3	✓	✓	✓	✓
	Performance Matters Training Series (HR Atlantic)	5.2	✓	✓	✓	✓
	Mainline Flow Control Valves (Mueller Canada)	0.6		✓		
	CityWorks Training (1.4 CEU)	1.4		✓		✓
	Wastewater Laboratory Analysis	0.6			✓	
	Basic Pump Training (NSCC)	3.6	✓	✓	✓	✓
	Pump Training for Wastewater (NSCC)	0.4			✓	✓
	Advanced Pump Training (NSCC)	2.0	✓	✓	✓	✓
	CityWorks Training (1.7 CEU)	1.7	✓	✓	✓	✓
	Membrane Bioreactor Wastewater Treatment Fundamentals	3.8			✓	
	Activated Sludge Training	0.7			✓	
Biowin – Wastewater Modelling Software (online)	1.6			✓		

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
OETC – Online e-Training Company	Spills in Canada	0.7	✓	✓	✓	✓
Del Getson and Associates Inc.	First Critical Minutes	0.4	✓	✓	✓	✓
GE Water & Process Technology www.gewater.com	GE-Zenon ZW1000 UF Membrane	2.4	✓			
CBCL Limited	Very Small Water Supply Systems	1.2	✓	✓		
Flow-Water Products Ltd.	Pressure Regulating Valves	0.6	✓	✓	✓	✓
Federal Interdepartmental Water Quality Training Board	Water Quality 101: Potable Water Micro-System Fundamentals	0.7	✓	✓		
Hiltz & Seamone Co. Ltd ableinc.ca	Water Treatment Equipment Operation Workshop	0.6	✓			
Municipality of Colchester	Colchester Wastewater Operations	0.7			✓	✓
Hach Sales and Service LP www.hach.com	Introduction to Water Disinfection and Turbidity	0.7	✓	✓		
Aquacenna Service Ltd.	Water Distribution Operation and Maintenance	0.7		✓		
	Wastewater Collection Operation and Maintenance	0.7				✓
	Basic Math for Operators	0.7	✓	✓	✓	✓
Robert White	Operation and Maintenance of the Distribution System	2.4		✓		
NASSCO, Inc. www.nassco.org	Pipeline Assessment and Certification Program (PACP)	1.1				✓
	Lateral and Manhole Assessment Certification Program (LACP/MACP)	0.7				✓
C3 Backflow Consulting, 902-860-3701	Developing a Cross Connection Control Program	0.6	✓	✓	✓	✓
	WWOTC Course Titles					
	Exam Prep Review for OIT: Water Treatment & Distribution	2.8	✓			
	Pumps and Pumping Hydraulics	0.7	✓			
	Introduction to Membranes for Water Treatment	0.7	✓			
	COVID 19 and Drinking Water	0.7	✓			
	Hypo-chlorination and Disinfection	1.7	✓			
	Gas Chlorination and Disinfection	2.7	✓			
	Chloramination	0.7	✓			
	Anhydrous Ammonia Safety	0.4	✓			
	Chemical Safety	0.7	✓			
	Gas Chlorination Safety	0.3	✓			
	Chlorine Emergency Repair Kit	0.4	✓			
	Hydrogen Sulfide Awareness	0.4	✓			
	Chlorination and Disinfection Refresher	0.7	✓			
	Iron and Manganese Removal	0.7	✓			
	Cross Connection Control	0.7	✓			
	Exam Prep Review for Water Treatment: Level 1 & 2	3.4	✓			
	Exam Prep Review for Water Treatment: Level 3 & 4	3.5	✓			
	Surface Water Treatment & Quality	0.7	✓			
	Groundwater Treatment & Quality	0.7	✓			
	Chlorine Residual Testing	0.3	✓			
	Adverse Water Quality Response	0.7	✓			
	Basic Water Distribution for Water Treatment Operators	0.7	✓			
	Arsenic In Drinking Water	0.7	✓			
	Basic Laboratory Procedures for Water Operators	0.7	✓			
	Ozone Technology for Water Treatment	0.7	✓			
	Emerging Issues in Water Treatment	0.7	✓			
	Advanced Water Treatment	0.7	✓			
	Ultraviolet Disinfection and Advanced Oxidation	0.7	✓			
	Cyanotoxins and Their Treatment	0.7	✓			
	Drinking Water Disinfection - the CT Concept	0.7	✓			
	Exam Prep Review for Water Treatment: Level 1 & 2	2.8	✓			
	Exam Prep Review for Water Treatment: Level 3 & 4	2.8	✓			
	The Multi Barrier Approach to Drinking Water	0.7	✓			
	Successful Ministry Inspections	0.7	✓			
	Analysing Operational Parameters for Water Treatment	0.7	✓			
	Exam Review for WT Level 1: Live Workshop	0.7	✓			
	Exam Prep Review - Fast Track: Water Treatment: Level 2	2.1	✓			
	Exam Review for WT Level 2: Live Workshop	0.7	✓			
	SCADA System Overview for Operators	0.7	✓			
	Tapping of Watermains	0.7		✓		
	Operation and Maintenance of Fire Hydrants	1.4		✓		
	Flushing Techniques	0.7		✓		
	Distribution System Breaks and Repairs	0.7		✓		
	Commissioning New Watermains Systems	0.7		✓		
	Distribution System Pipe Assemblies	1.4		✓		

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	Exam Prep Review for Operator-in-Training(OIT): Water Distribution	2.1		✓		
	Corrosion Prevention & Control	0.7		✓		
	Introductory Math (OIT)	0.7		✓		
	Maintaining Chlorine Residuals & Proper Sampling	0.7		✓		
	Buried Utility Locating	0.7		✓		
	Fundamentals of Water Distribution for New Operators	3.5		✓		
	Watermain Disinfection	0.7		✓		
	Watermain Breaks & Repairs	1.4		✓		
	Exam Prep Review for Water Distribution & Supply: Level 1 & 2	3.5		✓		
	Exam Prep Review for Water Distribution & Supply: Level 3 & 4	3.5		✓		
	Hydrostatic Testing of Watermains	0.7		✓		
	Basic Water Treatment for Water Distribution Operators	0.7		✓		
	Emerging Issues: Lead Services	0.7		✓		
	Water Quality for Distribution Systems	0.7		✓		
	Troubleshooting Skills for WD Operators	0.7		✓		
	Flow Testing of Fire Hydrants	0.3		✓		
	Assessing Your Distribution System for Rehabilitation	1.4		✓		
	Distribution System Rehabilitation Alternatives	1.4		✓		
	Distribution System Valve Maintenance	0.7		✓		
	Water Conservation (Cut Your Losses)	0.7		✓		
	Fire Hydrant & Valve: Operation, Inspection, Maintenance and Installation	0.7		✓		
	Disinfection of Potable Water Piping	0.7		✓		
	Watermain Tapping & Repair	0.7		✓		
	Winter Wise: The Cold Hard Facts about Distribution Systems	0.7		✓		
	Overview of Water Storage Systems	0.7		✓		
	Exam Prep Review for Water Distribution & Supply: Level 1 & 2	2.8		✓		
	Exam Prep Review for Water Distribution & Supply: Level 3 & 4	2.8		✓		
	The Distribution System: Protect your Water from Source to Tap	0.7		✓		
	Impacts of Trapped Air Particles in the Water Distribution System	0.7		✓		
	Understanding System Hydraulics	0.7		✓		
	Workbench Maintenance	0.7		✓		
	Exam Review for WD Level 1: Live Workshop	0.7		✓		
	Exam Prep Review - Fast Track: Water Distribution: Level 2	2.1		✓		
	Exam Review for WD Level 2: Live Workshop	0.7		✓		
	Tapping of Watermains	0.7		✓		
	Operatoion and Maintenance of Fire Hydrants	1.4		✓		
	Flushing Techniques	0.7		✓		
	Distribution System Breaks and Repairs	0.7		✓		
	Commissioning New Watermains Systems	0.7		✓		
	Distribution System Pipe Assemblies	1.4		✓		
	Exam Prep Review for Operator-in-Training(OIT): Water Distribution	2.1		✓		
	Corrosion Prevention & Control	0.7		✓		
	Introductory Math (OIT)	0.7		✓		
	Maintaining Chlorine Residuals & Proper Sampling	0.7		✓		
	Buried Utility Locating	0.7		✓		
	Fundamentals of Water Distribution for New Operators	3.5		✓		
	Watermain Disinfection	0.7		✓		
	Watermain Breaks & Repairs	1.4		✓		
	Exam Prep Review for Water Distribution & Supply: Level 1 & 2	3.5		✓		
	Exam Prep Review for Water Distribution & Supply: Level 3 & 4	3.5		✓		
	Hydrostatic Testing of Watermains	0.7		✓		
	Basic Water Treatment for Water Distribution Operators	0.7		✓		
	Emerging Issues: Lead Services	0.7		✓		
	Water Quality for Distribution Systems	0.7		✓		
	Troubleshooting Skills for WD Operators	0.7		✓		
	Flow Testing of Fire Hydrants	0.3		✓		
	Assessing Your Distribution System for Rehabilitation	1.4		✓		
	Distribution System Rehabilitation Alternatives	1.4		✓		
	Distribution System Valve Maintenance	0.7		✓		
	Water Conservation (Cut Your Losses)	0.7		✓		
	Fire Hydrant & Valve: Operation, Inspection, Maintenance and Installation	0.7		✓		
	Disinfection of Potable Water Piping	0.7		✓		
	Watermain Tapping & Repair	0.7		✓		
	Winter Wise: The Cold Hard Facts about Distribution Systems	0.7		✓		
	Overview of Water Storage Systems	0.7		✓		
	Exam Prep Review for Water Distribution & Supply: Level 1 & 2	2.8		✓		
	Exam Prep Review for Water Distribution & Supply: Level 3 & 4	2.8		✓		
	The Distribution System: Protect your Water from Source to Tap	0.7		✓		
	Impacts of Trapped Air Particles in the Water Distribution System	0.7		✓		
	Understanding System Hydraulics	0.7		✓		
	Workbench Maintenance	0.7		✓		
	Exam Review for WD Level 1: Live Workshop	0.7		✓		
	Exam Prep Review - Fast Track: Water Distribution: Level 2	2.1		✓		
	Exam Review for WD Level 2: Live Workshop	0.7		✓		
	Exam Prep Review for Wastewater Collection: Level 1 & 2	2.8			✓	
	Exam Prep Review for Wastewater Collection: Level 3 & 4	2.8			✓	
	Basic Wastewater Collection	2.1			✓	
	Sewer Flushing & Cleaning Techniques	0.7			✓	
	Collection System Odour and Corrosion Control	0.7			✓	
	Lift Station Operation and Control	0.7			✓	
	Basic Wastewater Treatment for Wastewater Collection Operators	0.7			✓	
	Controlling Wastewater Collection: Inflow and Infiltration	0.7			✓	
	Sanitary Sewer Design and Construction Overview	1.4			✓	
	Protecting Your Collection System Through Sampling and Monitoring	0.7			✓	

World Water Operator Training
Company Inc. (WWOTC)

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	Assessing your Collection System for Rehabilitation	1.4			✓	
	Collection System Rehabilitation Alternatives	1.4			✓	
	Sewer Line Repairs	0.7			✓	
	Collection System Valve Operation and Maintenance	0.7			✓	
	Stormwater Management	0.7			✓	
	Math for the Collection System Operator	0.7			✓	
	Exam Review for WWC Level 1: Live Workshop	0.7			✓	
	Exam Prep Review - Fast Track: Wastewater Collection: Level 3	2.1			✓	
	Exam Review for WWC Level 2: Live Workshop	0.7			✓	
	Basic Wastewater Treatment	2.1				✓
	Basic Wastewater Treatment Using Simulator Model	2.1				✓
	Biosolids Handling	1.4				✓
	Activated Sludge Control	2.1				✓
	Activated Sludge Control Using Simulator Model	2.1				✓
	Exam Prep Review for Wastewater Treatment: Level 1 & 2	3.5				✓
	Exam Prep Review for Wastewater Treatment: Level 3 & 4	3.5				✓
	Microorganisms	0.7				✓
	Wastewater Problem Solving	0.7				✓
	Wastewater Problem Solving Using Simulator Model	0.7				✓
	Ponds and Lagoons	0.7				✓
	Wastewater Digester Operation and Control	0.7				✓
	Fixed Film and and Other Treatment Processes	1.4				✓
	Calculations in Wastewater Technology	0.7				✓
	Calculations in Wastewater Technology Using Simulator Model	0.7				✓
	Basic Wastewater Collection for Wastewater Treatment Operators	0.7				✓
	Nitrogen Removal Systems	0.7				✓
	Nitrogen Removal Systems Using Simulator Model	0.7				✓
	Phosphorus Removal Systems	0.7				✓
	Phosphorus Removal Systems Using Simulator Model	0.7				✓
	Jar Testing: Plant Operations in a Beaker	0.7				✓
	Wastewater Bacteria	0.7				✓
	Wastewater Laboratory Health & Safety	0.7				✓
	Chemistry and Calculations for Clarifier & Sludge Conditioning	2.1				✓
	Wastewater Treatment System Design and Optimization	1.4				✓
	Wastewater Treatment System Design and Optimization Using Simulator Model	1.4				✓
	Introduction to Wastewater Management	3.5				✓
	Introduction to Wastewater Management Using Simulator Model	3.5				✓
	Introduction to Filamentous Identification	1.4				✓
	Nutrient Removal Systems	0.7				✓
	Nutrient Removal Systems Using Simulator Model	0.7				✓
	Wastewater Microbiology	0.7				✓
	Laboratory Procedures for Wastewater Operators	0.7				✓
	Effluent Disinfection	0.7				✓
	Exam Prep Review for WWT: Level 1 & 2 (Four-day)	2.8				✓
	Exam Prep Review for WWT: Level 3 & 4 (Four-day)	2.8				✓
	Ozone Technology for Wastewater Treatment	0.7				✓
	Membrane Bioreactors in Wastewater Treatment	0.7				✓
	Primary Basics	0.7				✓
	Sludge Conditioning Basics	0.7				✓
	Exam Review for WWT Level 1: Live Workshop	0.7				✓
	Exam Prep Review - Fast Track: Wastewater Treatment: Level 3	2.1				✓
	Exam Review for WWT Level 2: Live Workshop	0.7				✓
	Water Industry Asbestos Awareness	0.1		✓		✓
	Water Industry Coagulation, Flocculation, & Sedimentation	0.1	✓			
	Water Industry Disinfection Basics	0.1	✓	✓	✓	
	Water Industry Distribution Service to Customers	0.1		✓		
	Water Industry Effective Meter Reading	0.1		✓		
	Water Industry Filtration Basics	0.1	✓		✓	
	Water Industry Hazard Communication(s)	0.1	✓	✓	✓	✓
	Water Industry HAZMAT Spill Prevention & Control	0.1	✓	✓	✓	✓
	Water Industry Hearing Conservation	0.1	✓	✓	✓	✓
	Water Industry Hydraulics	0.1	✓	✓	✓	✓
	Water Industry Incident Investigation	0.1	✓	✓	✓	✓
	Water Industry Infectious Disease Control	0.1	✓	✓	✓	
	Water Industry Laboratory Safety	0.1	✓	✓	✓	
	Water Industry Maintenance on Pumps, Motors & Circuits	0.1	✓	✓	✓	✓
	Water Industry Mathematics Applied	0.1	✓	✓	✓	✓
	Water Industry Mathematics Basics	0.1	✓	✓	✓	✓
	Water Industry Risk Assessment	0.1	✓	✓	✓	✓
	Professional Supervisor	2.3	✓	✓	✓	✓
	Managing Performance – Supervisory	2.3	✓	✓	✓	✓
	How to Manage Projects for the Non-Project Manager	2.3	✓	✓	✓	✓
	Supervisory Management in the Water/Wastewater Field	6.0	✓	✓	✓	✓
	Water Valve Operation & Maintenance	0.7	✓	✓		
	Disinfection of Watermains	0.7	✓	✓		
	Watermain Breaks & Repairs	0.7	✓	✓		
	Watermain Flushing & swabbing	0.7	✓	✓		
	Basic Chlorination & Disinfection	0.7	✓	✓		
	Best Practices for Small Systems	0.7	✓	✓		

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Walkerton Clean Water Centre	Calculating CT for Chlorine Disinfection	0.7	✓	✓		
	Case Studies in Chemical Contamination	0.7	✓	✓		
	Chemically Assisted Granular Media Filtration	0.7	✓			
	Conversion Math	0.7	✓	✓	✓	✓
	Disinfection: Chlorine	0.7	✓	✓	✓	✓
	Emerging Issues: Cyanobacterial Toxins, Disinfection By-Products and Pathogens	0.7	✓	✓		
	Ethics for Drinking Water Operators	0.3	✓	✓		
	Fundamental Math	0.7	✓	✓		
	Iron and Manganese Removal/Control Strategies	0.7	✓	✓		
	Managing Algae in Drinking Water	0.7	✓	✓		
	New Watermain Commissioning	0.7	✓	✓		
	Operation of Small Drinking Water Systems	1.8	✓	✓		
	Prevention and Control of Nitrification in Drinking Water Distribution Systems	0.7	✓	✓		
	Quantitative Microbial Risk Assessment	0.7	✓	✓		
	Safe Drinking Water – Lessons from Outbreaks	0.7	✓	✓		
	SCADA for Operators and Managers	0.7	✓	✓		
	Water Instabilities in Distribution Systems	0.3		✓		
Water Storage Facilities	0.7	✓	✓			
Watermain Repair Logistics	0.7		✓			
Working with Pressurized Equipment	0.3	✓	✓	✓	✓	
Lorne R. Johanson	Chlorine Handling & Disinfection	2.4	✓	✓		
	Water and Wastewater Fundamentals	1.2	✓	✓	✓	✓
Atlantic First Nations Water Authority www.afnwa.ca	Annual Community Based Water Monitors and Operators Training	1.2	✓	✓	✓	✓
	Introduction to Water and Wastewater Treatment	0.8	✓	✓	✓	✓
	Water and Wastewater Treatment Fundamentals	1.6	✓	✓	✓	✓
	AFNWA Quarterly Operators Workshop	1.2	✓	✓	✓	✓
Atlantic Purification Systems Ltd.	Trojan Technologies UVSwift SC	0.3	✓	✓	✓	
	Trojan Technologies UV3000 PTP	0.3	✓	✓	✓	
	Trojan Technologies UV3000 PLUS	0.6			✓	
	Submersible Pump Training	1.4	✓	✓	✓	✓
ECAP Plumbing Consulting 902-876-8415	Cross Connection Awareness	0.6	✓	✓	✓	✓
Dalhousie University, Centre for Water Resources Studies	Water and Wastewater Operator Workshop	1.0	✓	✓	✓	✓
	Advanced Coagulation Theory	0.5	✓			
	Coagulation Processes for Wastewater Treatment	0.5			✓	
EMCO Corporation (McLennan Sales)	From the Main to the Curb-Waterworks Basic	0.7		✓		
	When You Just Can't Go with the Flow	0.6				✓
	Water Distribution & Wastewater Collection -Safety & Efficiency	0.6		✓		✓
AGAT Laboratories	Understanding Wastewater Effluent	0.3			✓	✓
Kildoon Emergency Management Consulting and Training	In-person and Online					
	Incident Command System 100	0.5	✓	✓	✓	✓
	Incident Command System 200	1.1	✓	✓	✓	✓
	Incident Command System 300	1.6	✓	✓	✓	✓
	Incident Command System 400	1.4	✓	✓	✓	✓
Xylem Applied Water Systems	Submersible Pump Training Teardown and Rebuild	0.7	✓	✓	✓	✓
Hydraulic Safety Authority of Canada Inc.	Hydraulic Safety Exposure Level-Instructor led	0.7	✓	✓	✓	✓
	Hydraulic Safety Exposure Level-E-Learning	0.4	✓	✓	✓	✓
	Hydraulic Safety High Risk Maintenance-Instructor led	1.4	✓	✓	✓	✓
	Hydraulic Safety High Risk Maintenance-E-learning	0.7	✓	✓	✓	✓
North Shore Micmac District Council – Circuit Rider Training Program	Water Distribution - Water Quality Considerations	1.2		✓		
	Maintenance Management Systems	1.2	✓	✓	✓	
	Lift Station Operations	1.2				✓
	Disinfection Concepts and Practices	1.2	✓	✓		
	Water Storage Facilities (O & M)	1.2	✓	✓		
	Hydrant and Valve Operation and Maintenance	1.2		✓		
	Water Chemistry (Basic)	1.2	✓	✓		
	Wastewater Collection – Inspection and Testing	1.2				✓
Hydrant Inspection and Maintenance	1.6		✓			
Echologics Engineering Inc.	Water Leak Detection (Echologics)	1.5		✓		
SPD Sales Ltd. (MSA)	Toxic and Explosive Gas Detection (MSA)	0.5			✓	✓
CC Safety & Compliance Services Inc. www.ccsafetycompliance.ca	Excavation Safety for Water/Wastewater Utilities	0.6		✓		✓
	Transportation of Dangerous Goods for Water Operations	0.3	✓	✓	✓	✓
	Basic Water Treatment	2.8	✓			
	Advanced Water Treatment	2.1	✓			
	Basic Chemistry Concepts	2.5	✓	✓	✓	✓
	Utility Management	2.5	✓	✓	✓	✓

Training Provider	Course Name	CEUs	Applicable to:			
			Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Environmental Training Institute http://etivc.org/ 905-980-0491	Confined Space Entry	2.5	✓	✓	✓	✓
	Fluoride Safety	0.7	✓	✓		
	Examprep: Basic Water Treatment	2.1	✓			
	Examprep: Intermediate Water Treatment	2.8	✓			
	Examprep: Advanced Water Treatment	2.8	✓			
	Examprep: Wastewater Collection 1-2	2.1				✓
	Examprep: Wastewater Collection 3-4	2.8				✓
	Math Skills for Operators	2.1	✓	✓	✓	✓
	Examprep: Water Distribution 1-2	2.1		✓		
	Examprep: Water Distribution 3-4	2.8		✓		
	Examprep: Basic Wastewater Treatment	2.1			✓	
	Examprep: Intermediate Wastewater Treatment 2-3	2.8			✓	
	Examprep: Advanced Wastewater Treatment	2.8			✓	
	Water & Wastewater Confined Space Entry	0.7	✓	✓	✓	✓
	Water & Wastewater Confined Space Management	0.7	✓	✓	✓	✓
	Drinking Water Quality Analysis	2.1	✓	✓		
	Respiratory Protection Systems	0.7	✓	✓	✓	✓
	Activated Sludge Process	2.1			✓	
	Examprep: Water Distribution 1-2	2.8		✓		
	Trenching & Shoring	0.3		✓		✓
	Basic Wastewater Treatment	2.8			✓	
	Laboratory Skills	2.2	✓	✓	✓	✓
	Biosolids Treatment & Disposal	2.1			✓	✓
	Anaerobic Digestion Process	2.5			✓	
	Wastewater Collection Systems	2.8				✓
	Wastewater Stabilization Ponds	2.1			✓	✓
	Due Diligence for operating Supervisors & Managers	0.7	✓	✓	✓	✓
Surface Water Treatment	2.8	✓				
Hetek Solutions Inc. www.hetek.com 403-703-4814	Water Loss Solutions	0.7	✓	✓		
Iconix Wastewater iconixww.com 902-329-5632	Smart City- Reading Past the Meter	0.35	✓	✓		
Spring Ridge Training Institute www.springridgeinstitute.com 343-364-1015	Concepts in Water Governance	1.2	✓	✓	✓	✓
Environmental Determinants of Health	1.2	✓	✓			
Lakes, Reservoirs and Rivers	1.2	✓	✓			
Mastering the Art of Science Communication	1.2	✓	✓	✓	✓	
Water and the Environment: The Watershed	1.2	✓	✓			
Water and Human Health	1.2	✓	✓			
Joe Johnson Equipment https://www.jjei.com/programs/ 902-237-1683	Vector Operating Training	0.7		✓		✓
Nezat Training and Consulting Inc. www.nezat.com 832-524-3710	Sewer Cleaning 102	0.7				✓
Various training providers (CEU based on duration of training, 10 hours = 1.0 CEU)	Excavation and/or Trenching Safety Training	**		✓		✓
	Confined Space Training	**	✓	✓	✓	✓
	Transportation of Dangerous Goods Training	**	✓	✓	✓	✓
	Lockout/Tagout Safety Training	**	✓	✓	✓	✓
	Electrical Safety Training	**	✓	✓	✓	✓
	H2S (Hydrogen Sulfide) Safety Training	**			✓	✓
	Chlorine Handling and/or Safety	**	✓	✓	✓	✓

** Safety courses listed are considered essential to water and wastewater operations. CEU earned by attending these courses will be recognized for certification renewal. Occupational Health & Safety courses not listed here may also be recognized for up to 25% of CEU required for renewal. Please refer to our website for details: NovaScotia.ca/wwoc