

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

**The review and approval of courses is ongoing therefore, the following list may not be inclusive and is subject to change.*

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001001		ACWWA Annual Conference	1.5	✓	✓	✓	✓
	001003		Water Treatment	2.8	✓			
	001004		Water Distribution	2.8		✓		
	001005		Wastewater Treatment	2.8			✓	
	001006		Wastewater Collection	2.8				✓
	001007		UV Disinfection	0.4	✓	✓	✓	✓
	001008		Chlorine Handling & Disinfection	2.8	✓	✓	✓	✓
	001009		Membrane Water Treatment Plant Operations	0.6	✓			
	001010		Distribution System Corrosion and Control	1.2	✓	✓		
	001011		Basic Math Workshop	0.6	✓	✓	✓	✓
	001012		Fire Hydrant Maintenance and Repair	0.5		✓		
	001013		Pipeline Assessment	1.1		✓		✓
	001014		Risk Assessment	0.6	✓	✓		
	001015		Drinking Water Legal Framework	0.5	✓	✓		
	001016		Introduction to Ponds and Lagoons	0.7			✓	
	001017		Basic Microbiology for Water & Wastewater Operators	0.7	✓	✓	✓	
	001018		Water Efficiency and More - Methods, Results and Tips	0.6		✓		
	001019		Optimizing Disinfection	1.2	✓	✓		
	001020		Advances in Water Distribution Modelling	0.6		✓		
	001021		Watermain Rehabilitation Technologies	0.6		✓		
	001022		Hydrant & Valve Maintenance	0.6		✓		
	001023		Watermain Disinfection	0.5		✓		
	001024		Water Quality Sampling & Monitoring	0.7	✓	✓	✓	
	001025		Continuous Water Quality Monitoring	0.6	✓	✓	✓	
	001026		Basics of Pipe Tapping (2007)	0.6		✓		
	001028		Chemical Feed Systems Seminar	0.5	✓	✓	✓	
	001029		The Basics of Wastewater Treatment	0.6			✓	
	001030		Water Efficiency	1.2		✓		
	001031		Biosolids Management Seminar	1.0			✓	
	001032		Leak Detection (Water Distribution)	0.6		✓		
	001033		Small Water Systems	1.2	✓	✓		
	001034		Small Wastewater Systems	1.3			✓	✓
	001035		Managing Small Water Systems	1.3	✓	✓		
	001036		Unidirectional Flushing	0.6		✓		
	001037		Pipe Tapping and Service Line Product; "From the Main to the Curb"	0.6		✓		✓
	001038		Unidirectional Flushing (Aqua Data Atlantic)	0.4		✓		
	001039		Leak Detection (Aqua Data)	0.3		✓		
	001040		Chlorine Disinfection and Testing Workshop	0.3	✓	✓		
	001041		Process Measurement & Instrumentation Theory Applications	0.6	✓	✓	✓	✓
	001042		Water Quality Disinfection & Testing	0.3	✓	✓		
	001043		Distribution System Disinfection & Safeguarding	0.6	✓	✓		
	001044		Trenchless Technology	0.3		✓		✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001045		Submersible Pumps-Theory and Practical	0.3			✓	✓
	001046		Troubleshooting Activated Sludge Operations	0.7			✓	
	001047		Water Distribution Level III	2.8		✓		
	001048		Mathematics for Water & Wastewater Operators	0.6	✓	✓	✓	✓
	001049		Process Instrument Verification	0.6	✓	✓		
	001050		Analysis for Corrosion Control	0.6	✓	✓		
	001051		Basic Water Analysis	0.6	✓	✓		
	001052		Wastewater Analysis I	0.6			✓	
	001053		Nutrients and Other Wastewater Parameters	0.6			✓	
	001054		Introduction to Wastewater Treatment Processes	0.6			✓	
	001055		Meter Training	0.5		✓		
	001056		Asset Management for Water and Wastewater	0.6	✓	✓	✓	✓
	001057		Monitoring and Treatment for Improved Organics Removal	0.6	✓			
	001058		Regulation Clarification and Service Line Advancement	0.3		✓		
	001059		Drinking Water Security	0.6	✓		✓	
	001060		Leak Detection (Wastewater)	0.6			✓	✓
	001061		Customer Service for Water and Wastewater Operators	0.6	✓	✓	✓	✓
	001062		Wastewater Collection Fundamentals and Maintenance	0.6				✓
	001063		Water Distribution Piping (Plastic)	0.3		✓		
	001064		Metrology, Basic-Repair-Calibration	0.5		✓		
	001065		Practical Operation of Variable Frequency Drives	0.6	✓	✓	✓	✓
	001066		Chlorine Disinfection	1.2	✓	✓	✓	✓
	001067		AWWA Water Distribution Mainline Valves	0.6		✓		
	001068		Small Water Systems (one-day course)	0.6		✓		
	001069		NASTT's CIPP Good Practices Course	0.7		✓		✓
	001070		Sedimentation	0.6	✓		✓	
	001071		Wastewater Aeration	0.6			✓	
	001072		Lift Stations and Forcemains	0.6				✓
	001073		Varec Biogas Training	0.7			✓	
	001074		Chlorine Handling and Response Training	1.3	✓	✓	✓	✓
	001075		Drinking Water and Wastewater Sampling	0.3	✓	✓	✓	✓
	001076		Fire Hydrant Maintenance and Assembly	0.5		✓		
	001077		Canadian Biosolids and Residuals Conference	1.5			✓	
	001078		Fundamentals of Pumping	0.6	✓	✓	✓	✓
	001079		Physical Sciences for Water and Wastewater Operations	0.7	✓	✓	✓	✓
	001080		Pipe and Cable Locate Training	0.7		✓		✓
	001081		Automatic Diaphragm Control Valves	0.8	✓	✓	✓	✓
	001082		Waterborne Diseases	0.6	✓	✓	✓	✓
	001083		Check Valves and Air Relief Valves	0.35		✓		✓
	001084		Pressure Management to Reduce Water Loss & Pipe Burst	0.35		✓		
	001085		Flow Metering Technologies	0.7	✓	✓	✓	✓
	001086		NASTT's Introduction to Trenchless Technology – Rehabilitation	0.4		✓		✓
	001087		Mueller Mobile Water Distribution Product Training	0.6		✓		
	001088		Water Distribution Disinfection and Water Quality	0.6		✓		

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					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Atlantic Canada Water and Wastewater Association (ACWWA) www.acwwa.ca	001089		CT Disinfection Concepts and Solution Metering and Control	0.6	✓	✓		
	001090		Fire Hydrant Maintenance and Assembly	0.4		✓		
	001091		Source to Tap	0.8	✓	✓		
	001092		Hypochlorination	1.2	✓	✓		
	001093		Chlorine Handling Refresher	1.2	✓	✓	✓	✓
	001094		Smart City- Reading past the meter	0.35	✓	✓		
	001095		Basic Math and Water System Flushing Calculations	0.30	✓	✓		
	001096		Basic Math and Disinfection Calculations	0.30	✓	✓		
	001097		Cross Connection Control Program Maintenance	0.70	✓	✓	✓	✓
	001098		Cross Connection Control Awareness	0.70	✓	✓	✓	✓
	001099		CCC Awareness for Administrators and Support Personnel	0.70	✓	✓	✓	✓
	001100		Reservoir Maintenance and Cleaning	0.70	✓	✓		
	001101		Sewer Pump and Lift Station Maintenance	0.70				✓
	001102		Water Main Commissioning	0.30		✓		
	001103		Water Main Repair and Disinfection	0.70		✓		
	001104		Operator Safety and Equipment Awareness	0.70	✓	✓	✓	✓
	001105		Stormwater Management	0.70				✘
	001106		Water Treatment for Water Distribution Operators	0.70	✓	✓		
	001107		Water Conservation (Cut Your Losses)	0.70		✓		
	001108		Overview of Water Storage Systems	0.70		✓		
	001109		Understanding System Hydraulics	0.70		✓		
	001110		Chlorination and Disinfection Refresher	0.70	✓		✓	
	001111		Basic Water Distribution for Water Treatment Operators	0.70	✓	✓		
	001112		Advanced Water Treatment	0.70	✓			
	001113		Cyanotoxins and Their Treatment	0.70	✓	✓		
	001114		Sewer Flushing and Cleaning	0.70				✓
	001115		Understanding System Hydraulics	0.70		✓		✓
	001116		Adverse Water Quality Response	0.70	✓			
	001117		Safe Drinking Water Act	0.70	✓	✓		
	001118		Impacts of Trapped Air Particles in Water Distribution System	0.70		✓		
	001119		Winter Wise- The Cold Hard Facts about Distribution Systems	0.70		✓		
	001120		The Distribution System: Protect your Water from Source to Tap	0.70	✓	✓		
	001121		Disinfection of Potable Water Piping	0.70		✓		
001122		Water Quality for Distribution Systems	0.70		✓			
001123		Distribution System Breaks and Repairs	0.70		✓			
001124		Flushing Techniques	0.70		✓			
001125		Basic Wastewater Collection for Treatment Plant Operators	0.70			✓		
001126		Basic Wastewater Treatment for Collection System Operators	0.70				✓	
001127		Drinking Water Disinfection	0.70		✓			
001128		Successful Ministry Inspections	0.70	✓	✓	✓	✓	
001129		Municipal Wastewater Environmental Compliance Approvals & Inspections	0.35			✓		
001130		Municipal Wastewater Sewer Use Sampling & Monitoring	0.35			✓	✓	
001131		Ponds & Lagoons	0.70			✓		
001132		Wastewater Digester Operation & Control	0.70			✓		

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001133		Calculations in Wastewater Technology	0.70			✓	
	001134		Wastewater Bacteria	0.70			✓	
	001135		Wastewater Laboratory Health & Safety	0.70			✓	✓
	001136		Nitrogen Removal Systems	0.70			✓	
	001137		Effluent Disinfection	0.70			✓	✓
	001138		Operator Communication and Financial Skills	0.30	✓	✓	✓	✓
	001139		Unidirectional Flushing	0.60		✓		✓
	001140		Source Water Protection	0.60	✓	✓		
	001141		EOCP Water Treatment Level 3 & 4	3.00	✓			
	001142		EOCP Wastewater Collection Level 3 & 4	3.00				✓
	001143		Wastewater Treatment II	2.40			✓	
	001144		Water and Wastewater Math for Operators	0.60	✓	✓	✓	✓
	001145		Emerging Issues: Lead Services	0.70		✓		
	001146		Wastewater Microbiology	0.70			✓	✓
	001147		UV Disinfection & Advanced Oxidation	0.70	✓			
	001148		Wastewater Problem Solving	0.70				
	001149		Cross Connection Control	0.70	✓	✓		
	001150		Corrosion Prevention & Control	0.70		✓		
	001151		Multi-Barrier Approach to Drinking Water	0.70	✓	✓		
	001152		Online Automatic Diaphragm Control Valves	0.30	✓	✓	✓	✓
	001153		Flow Metering Technologies Online	0.30	✓	✓	✓	✓
	001154		Chemical Safety	0.70	✓	✓	✓	✓
	001155		Municipal Residential Drinking Water Systems in Source Protection Areas	0.70	✓	✓		
	001156		Basic Lab Procedures for Water Operators	0.70	✓	✓		
	001157		Lab Procedures for Wastewater Operators	0.70			✓	
	001158		Primary Basics	0.70			✓	
	001159		WDS Pipe Repair Best Practices	0.30	✓	✓	✓	✓
	001160		Wastewater Systems	0.55	✓	✓	✓	✓
	001161		Water Loss & Leak Detection	0.30		✓		
	001162		Water Distribution System Pressure & Flow Control	0.70		✓		
	001163		Introduction to Membranes for Water Treatment	0.70	✓			
	001164		Gas Chlorination Safety	0.30	✓	✓		
	001165		Groundwater Treatment Quality	0.70	✓	✓		
	001166		Surface Water Treatment Quality	0.70	✓	✓		
	001167		Iron and Manganese Removal	0.70	✓	✓		
	001168		Chlorine Residual Testing	0.30	✓			
	001169		Collection System Odour & Corrosion Control	0.70				✓
	001170		Asset Management for Water Transmission and Distribution	0.55		✓		
	001171		Asset Management for Water Treatment Plants	0.55	✓			
	001172		Covid-19 and Drinking Water	0.70	✓	✓	✓	✓
	001173		Process Control and Scada	0.70	✓	✓	✓	✓
	001174		Wastewater Treatment Plants Asset Management Program	0.60			✓	
	001175		Wastewater Collection Plants Asset Management Program	0.60				✓
	001176		Activated Sludge Webinar	1.40			✓	

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					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001177		Distribution System Corrosion Control	0.30		✓		
	001178		Water Distribution Level 1 & 2 Review	1.10		✓		
	001179	WT-87-CT	Exam Prep for Water Treatment: Level 1 & 2	2.80	✓			
	001180	WT-88-CT	Exam Prep for Water Treatment: Level 3 & 4	2.80	✓			
	001181	WD-107-CT	Exam Prep for Water Distribution: Level 1 & 2	2.80		✓		
	001182	WD-108-CT	Exam Prep for Water Distribution: Level 3 & 4	2.80		✓		
	001183	WWT-91-CT	Exam Prep for Wastewater Treatment: Level 1 & 2	2.80			✓	
	001184	WWT-92-CT	Exam Prep for Wastewater Treatment: Level 3 & 4	2.80			✓	
	001185	WWC-01-CT	Exam Prep for Wastewater Collection: Level 1 & 2	2.80			✓	✓
	001186	WWC-02-CT	Exam Prep for Wastewater Collection: Level 3 & 4	2.80				✓
<i>Maritime Provinces Water and Wastewater Association (MPWWA) www.mpwwa.ca</i>	002001		MPWWA Annual Conference	1.5	✓	✓	✓	✓
	002002		Operational Best Practices (SOPs)	0.5	✓	✓	✓	✓
	002003		Basic Math Course	0.6	✓	✓	✓	✓
	002004		Basic Computer Course	0.6	✓	✓	✓	✓
	002005		Basic Electricity for Water and Wastewater Operators (2006)	0.6	✓	✓	✓	✓
	002006		Water Meter Workshop (2008)	0.6		✓		
	002007		Control Valves	0.6	✓	✓	✓	✓
	002008		Pumps Operating & Maintaining	0.6	✓	✓	✓	✓
	002009		SCADA	0.6	✓	✓	✓	✓
	002010		Introduction to Process Control	0.6	✓	✓	✓	✓
	002011		Pressure Reducing Valves	0.6	✓	✓	✓	✓
	002012		Pipe Layer	2.1		✓	✓	
	002013		Valve Workshop	0.5	✓	✓	✓	✓
	002014		Activated Sludge	1.2			✓	
	002015		Pipe Layer	1.9		✓		✓
	002016		Treating and Managing Wastewater Biosolids	0.7			✓	
	002017		Lateral Lining Good Practices Course	0.7				✓
	002018		Using the Microscope to Evaluate Process	0.7			✓	
	002019		M44 Mainline Distribution Valves	0.6		✓		
	002020		External Joint Restraints for Buried Pressure Pipelines	0.4		✓		✓
	002021		Effective Supervision	1.3	✓	✓	✓	✓
	002022		Electrical Safety and Arc Flash	0.7	✓	✓	✓	✓
	002023		Basic Electrical Understanding for Municipal Systems Operators	1.1	✓	✓	✓	✓
	002024		Basics of Pipe Tapping and Service Lines	0.7		✓		
			Correspondence Courses					
	003001	WTPO1	Water Treatment Plant Operation, Vol. 1	9.0	✓			
	003002	WTPO2	Water Treatment Plant Operation, Vol. 2	9.0	✓			
	003003	SWS	Small Water System Operation and Maintenance	9.0	✓	✓		
	003004	WDS	Water Distribution System Operation and Maintenance	9.0		✓		
	003005	OWTP 1	Operation of Wastewater Treatment Plants, Vol. 1	9.0			✓	
	003006	OWTP 2	Operation of Wastewater Treatment Plants, Vol. 2	9.0			✓	
	003007	AWT	Advanced Waste Treatment	9.0			✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:				
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection	
California State University, Sacramento (Office of Water Programs) www.owp.csus.edu	003008	IWT 1	Industrial Waste Treatment, Vol. 1	9.0			✓		
	003009	IWT 2	Industrial Waste Treatment, Vol. 2	9.0			✓		
	003010	SWWS 1	Small Wastewater System Operation and Maintenance, Vol. 1	9.0			✓		
	003011	SWWS 2	Small Wastewater System Operation and Maintenance, Vol. 2	9.0			✓		
	003012	COLL 1	Operation & Maintenance of Wastewater Collection Systems, Vol. 1	9.0				✓	
	003013	COLL 2	Operation & Maintenance of Wastewater Collection Systems, Vol. 2	9.0				✓	
	003014	UM	Utility Management	2.0	✓	✓	✓	✓	
	003015	MFS	Manage for Success	4.5	✓	✓	✓	✓	
	003016	COLL-V	Collection System Operation & Maintenance Training Videos	0.6				✓	
	003017	CSM	Collection Systems: Methods for Evaluating and Improving Performance	3.0				✓	
	003018	PFI	Pretreatment Facility Inspection	9.0			✓		
	003019	PFI-V	Pretreatment Facility Inspection Training Videos	0.6			✓		
	003020	MBR	Membrane Bio Reactor	1.0			✓		
	003021	TMW	Treatment of Metal Wastestreams	4.5			✓		
	003022	V707	Water System Operation and Maintenance Video Training Series	3.0	✓	✓			
	003023	SWS-V	Small Water System Video Information Series	3.0	✓	✓			
				Online Courses					
		003101	601 A	Wastewater Treatment: Facilities and Pretreatment	1.8			✓	
		003102	601 B	Wastewater Treatment: Sedimentation and Flotation	1.8			✓	
		003103	601 C	Wastewater Treatment: Fixed Film Processes	1.8			✓	
		003104	601 D	Wastewater Treatment: Suspended Growth Processes	1.8			✓	
		003105	601 E	Wastewater Treatment: Disinfection	1.8			✓	
		003106	702 A	Small Water Systems: Wells	1.8	✓	✓		
	003107	702 B	Small Water Systems: Treatment Plants	1.8	✓	✓			
	003108	702 C	Small Water Systems: Disinfection	1.8	✓	✓			
	003109	702 D	Small Water Systems: Safety and Introduction to Small System Management	1.8	✓	✓			
	003110	702 E	Small Water Systems: Laboratory Procedures	1.8	✓	✓			
	003111	703 A	Water Distribution System: Safety	1.8		✓			
	003112	703 B	Water Distribution System: Distribution Facilities	1.8		✓			
	003113	703 C	Water Distribution System: Disinfection	1.8		✓			
	003114	703 D	Water Distribution System: Operation and Maintenance	1.8		✓			
	003115	703 E	Water Distribution System: Management	1.8		✓			
	003116	101C	Math Applications in Collection Systems	1.8				✓	
	003117	102C	Math Applications in Water Treatment	2.1	✓				
	003118	103C	Math Applications in Water Distribution	1.9		✓			
	004001		WTTP 010 Basic Hydraulics	3.0	✓	✓	✓	✓	
	004002		WTTP 011 Basic Water Chemistry	3.0			✓	✓	
	004003		WTTP 013 Pipes, Valves and Fittings	3.0	✓	✓	✓	✓	
	004004		WTTP 014 Basic Principles of Pumps	3.0	✓	✓	✓	✓	
	004005		WTTP 015 Cross Connection Control	3.0	✓	✓	✓	✓	
	004006		WTTP 017 Environmental Legislation	3.0	✓	✓	✓	✓	
	004007		WTTP 020 Water Safe Certification	0.6			✓	✓	
	004008		WTTP 021 Electrical Principles	3.0	✓	✓	✓	✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Thompson Rivers University</i> www.tru.ca/distance	004009		WTTP 022 Test Elect Circuits & Safe Work Practices	3.0	✓	✓	✓	✓
	004010		WTTP 023 Basics of Elect Motors & Motor Control	3.0	✓	✓	✓	✓
	004011		WTTP 025 Instrumentation Principles	3.0	✓	✓	✓	✓
	004012		WTTP 026 Process Measurement	3.0	✓	✓	✓	✓
	004013		WTTP 027 Final Control Elements	3.0	✓	✓	✓	✓
	004014		WTTP 029 Primary Process Water Equipment	3.0			✓	✓
	004015		WTTP 030 Secondary Process Equipment	3.0			✓	
	004016		WTTP 031 Building Mechanical Systems	3.0	✓	✓	✓	✓
	004017		WTTP 033 Coagulation	3.0	✓		✓	
	004018		WTTP 034 pH Control and Water Softening	3.0	✓	✓	✓	✓
	004019		WTTP 035 Oxidation Reactions	3.0	✓	✓	✓	✓
	004020		WTTP 045 Advanced Motor Control	3.0	✓	✓	✓	✓
	004021		WTTP 046 Basic Electric Devices and Speed Drives	3.0	✓	✓	✓	✓
	004022		WTTP 047 Basic Programmable Logic Controlers	3.0	✓	✓	✓	✓
	004023		WTTP 053 Advanced Coagulation & Emergency Technology	3.0			✓	
	004024		WTTP 054 Dissolved Air Floatation and Jar Testing	3.0	✓		✓	
	004025		WTTP 055 Clarifiers	3.0	✓		✓	
	004026		WTTP 069 Introduction to Microbiology and Toxicology	3.0	✓	✓	✓	✓
	004027		WTTP 070 Microbiology	3.0	✓	✓	✓	✓
004028		WTTP 071 Toxicology	3.0	✓	✓	✓	✓	
004029		WTTP 2151 Membrane and Filtration Techniques	3.0	✓		✓		
<i>American Trainco</i> www.canadiantrainco.com	005001		PLC for Non-Programmers	1.5	✓	✓	✓	✓
	005002		Pumps and Pump Systems	1.4	✓	✓	✓	✓
	005003		Basic Electricity for the Non-Electrician (2008)	1.6	✓	✓	✓	✓
<i>Trihedral Engineering Ltd.</i> www.trihedral.com	006001		VTSCADA Operations & Configuration Training	2.6	✓	✓	✓	✓
	006002		SCADA Software Operation & Configuration	3.1	✓	✓	✓	✓
	006003		VTSCADA Advanced Configuration & Scripting	2.9	✓	✓	✓	✓
	006005		SCADA HMI Software	0.4	✓	✓	✓	✓
	007001		Pumps – Operation & Maintenance	0.6	✓	✓	✓	✓
	007002		Mechanical Maintenance	0.6	✓	✓	✓	✓
	007003		Basic Computers Module 1	0.6	✓	✓	✓	✓
	007004		Basic Math Module 1	0.6	✓	✓	✓	✓
	007005		Lab Skills Module 1	0.6	✓	✓	✓	✓
	007006		Drinking Water Quality & Sampling	0.6	✓	✓		
	007007		Detecting Leaks in Watermain Distribution Pipes	0.6		✓		
	007008		Lift Station	0.6		✓		✓
	007009		Technical Drawings	0.6	✓	✓	✓	✓
	007010		Watermain Breaks & Repairs	0.6		✓		
	007011		Watermain Disinfection	0.6		✓		
	007012		Introduction to Motor Controls & VFDs	0.6	✓	✓	✓	✓
	007013		Wastewater Treatment Process Control	0.6			✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
Accessible Water & Wastewater Solutions Ltd. (AWWS) www.awws.ca	007014		Chemical Feed Systems	0.6	✓	✓	✓	✓
	007015		Water Treatment	0.7	✓			
	007016		Water Distribution	0.7		✓		
	007017		Wastewater Collection – Core	0.6				✓
	007018		Wastewater Treatment – Core	0.6			✓	
	007019		Operations Manuals by Operators, Best Practices/Due Diligence	0.6	✓	✓	✓	✓
	007020		Operational Math (for Water & Wastewater Operators)	0.6	✓	✓	✓	✓
	007021		Computerized Maintenance Management Systems (CMMS)	0.6	✓	✓	✓	✓
	007022		Drinking Water Quality	1.2	✓	✓		
	007023		ABCs of Biological Wastewater Treatment	0.6			✓	
	007024		Distribution System Corrosion Control	0.6	✓	✓		
	007025		Wastewater Lagoons & Sludge Removal	0.7			✓	
	007026		Operational Math Refresher	1.2	✓	✓	✓	✓
	007027		Electrical Awareness	0.7	✓	✓	✓	✓
	007028		Water Pretreatment Optimization	0.7	✓			
	007029		Water Meters	0.7	✓	✓		
007030		Water & Wastewater Confined Space Awareness	0.6	✓	✓	✓	✓	
007031		Excel Theory for Water & Wastewater Data	0.7	✓	✓	✓	✓	
Environmental Leverage Inc. www.wastewaterelearning.com/ elearning	009001	M001	Microbiology in Wastewater	0.2			✓	
	009002	M002	Indicator Organisms in Wastewater	0.3			✓	
	009003	M003	Troubleshooting Microbiology	0.2			✓	
	009004	M004	Using the Microscope	0.4	✓		✓	
	009005	WW01	Wastewater Basics	0.2			✓	
	009006	WW02	Visual Troubleshooting	0.7			✓	
Halifax Water Commission www.halifax.ca/hrwc	010001		Coagulation, Filtration and Jar Testing	0.4	✓			
	010003		Water Treatment and Filter Surveillance Workshop	1.4	✓			
	010004		DeltaV SCADA	0.3	✓	✓	✓	✓
	010005		Performance Matters Training Series (HR Atlantic)	5.2	✓	✓	✓	✓
	010006		Mainline Flow Control Valves (Mueller Canada)	0.6		✓		
	010007		CityWorks Training (1.4 CEU)	1.4		✓		✓
	010008		Wastewater Laboratory Analysis	0.6			✓	
	010009		Basic Pump Training (NSCC)	3.6	✓	✓	✓	✓
	010010		Pump Training for Wastewater (NSCC)	0.4			✓	✓
	010011		Advanced Pump Training (NSCC)	2.0	✓	✓	✓	✓
	010012		CityWorks Training (1.7 CEU)	1.7	✓		✓	
	010013		Membrane Bioreactor Wastewater Treatment Fundamentals	3.8			✓	
	010014		Activated Sludge Training	0.7			✓	
	010015		Biowin – Wastewater Modelling Software (online)	1.6			✓	
OETC – Online e-Training Company www.oetc.ca	011001		Spills in Canada	0.7	✓	✓	✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Del Getson and Associates Inc.</i>	012001		First Critical Minutes	0.4	✓	✓	✓	✓
<i>GE Water & Process Technology www.gewater.com</i>	013001		GE-Zenon ZW1000 UF Membrane	2.4	✓			
<i>CBCL Limited www.cbcl.ca</i>	014001		Very Small Water Supply Systems	1.2	✓	✓		
<i>Flow-Water Products Ltd.</i>	015001		Pressure Regulating Valves	0.6	✓	✓	✓	✓
<i>Clow Canada www.clowcanada.ca</i>	016001		Fire Hydrant Maintenance & Assembly	0.3		✓		
<i>Federal Interdepartmental Water Quality Training Board www.waterqualitytraining.ca</i>	017001		Water Quality 101: Potable Water Micro-System Fundamentals	0.7	✓	✓		
<i>Hiltz & Seamone Co. Ltd www.hiltzsea.ns.ca</i>	018001		Water Treatment Equipment Operation Workshop	0.6	✓			
<i>Municipality of Colchester www.colchester.ca</i>	020001		Colchester Wastewater Operations	0.7			✓	✓
<i>Hach Sales and Service LP www.hach.com</i>	021001		Introduction to Water Disinfection and Turbidity	0.7	✓	✓		
<i>Aquacenna Service Ltd.</i>	022001		Water Distribution Operation and Maintenance	0.7		✓		
	022002		Wastewater Collection Operation and Maintenance	0.7				✓
	022003		Basic Math for Operators	0.7	✓	✓	✓	✓
<i>Robert White</i>	023001		Operation and Maintenance of the Distribution System	2.4		✓		
<i>NASSCO, Inc. www.nassco.org</i>	024001		Pipeline Assessment and Certification Program (PACP)	1.1				✓
	024002		Lateral and Manhole Assessment Certification Program (LACP/MACP)	0.7				✓
<i>C3 Backflow Consulting, 902-860-3701</i>	026001		Developing a Cross Connection Control Program	0.6	✓	✓	✓	✓
	027002		Chlorine Emergency Repair Kit	0.3	✓	✓	✓	
	027003		Chlorine Residual Testing	0.3	✓	✓	✓	
	027004		Record Keeping	0.3	✓	✓	✓	✓
	027005		Commissioning New Watermain Systems	0.7		✓		
	027006		Maintaining Chlorine Residuals & Proper Sampling	0.6	✓	✓		
	027007		Watermain Disinfection	0.7		✓		
	027008		Watermain Breaks & Repairs	1.4		✓		
	027009		Water Quality for Distribution Systems	0.6	✓	✓		
	027010		Pumps & Pumping Hydraulics	0.7	✓	✓	✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
World Water Operator Training Company Inc. (WWOTC) www.owotc.com	027011		Lift Station Operation & Maintenance	0.6				✓
	027012		Controlling Wastewater Collection Inflow & Infiltration	0.7				✓
	027013		Ponds & Lagoons	0.7			✓	✓
	027014		Chemical Safety	0.6	✓	✓	✓	✓
	027015		Exam Preparation for Water Distribution Level 1 & 2	2.7		✓		
	027016		Exam Preparation for Water Distribution Level 3 & 4	2.7		✓		
	027017		Groundwater Treatment & Water Quality	0.6	✓	✓		
	027018		Cross Connection Control	0.6	✓	✓	✓	✓
	027019		Ponds & Lagoons for Small Systems	1.2			✓	✓
	027020		Buried Utility Locating	0.6		✓		✓
	027021		Distribution System Breaks & Repairs	0.6		✓		
	027022		Sewer Flushing & Cleaning Techniques	0.6				✓
	027023		Wastewater Problem Solving	0.6			✓	✓
	027024		Calculations in Wastewater Technology	0.6			✓	
	027025		Operation & Maintenance of Fire Hydrants	1.3		✓		
	027026		Introduction to Membranes	0.7	✓			
	027028		Hydrostatic Testing of Watermains	0.7		✓		
	027029		Corrosion Prevention & Control	0.7	✓	✓		
	027030		Distribution System Pipe Assemblies	1.4		✓		
	027031		Tapping of Watermains	0.7		✓		
	027032		Arsenic in Drinking Water	0.6	✓	✓		
	027033		Commissioning New Watermains	0.7		✓		
	027034		Fundamentals of Water Distribution for New Operators	3.4		✓		
	027035		Anhydrous Ammonia Safety	0.4	✓	✓		
	027036		Gas Chlorination Safety	0.4	✓	✓	✓	✓
	027037		Gas Chlorination & Disinfection	2.7	✓	✓	✓	
	027038		Flushing Techniques	0.6		✓		
	027039		Emerging Issues: Lead Services (Get the Lead Out)	0.6		✓		
	027040		Hypochlorination & Disinfection	2.1	✓	✓		
	027041		Chlorination	0.6	✓	✓		
	027042		Chlorination & Disinfection Refresher	0.6	✓	✓	✓	
	027043		Iron & Manganese Removal	0.6	✓	✓		
	027044		Exam Preparation for Water Treatment Level 1 & 2	2.7	✓			
027045		Exam Preparation for Water Treatment Level 3 & 4	2.7	✓				
027046		Adverse Water Quality Responses	0.6	✓				
027047		Exam Preparation for Wastewater Treatment Level 1 & 2	2.7			✓		
027048		Exam Preparation for Wastewater Treatment Level 3 & 4	2.7			✓		
027049		Activated Sludge Control	2.0			✓		
027050		Bio Solids Handling	1.3			✓	✓	
027051		Basic Wastewater Treatment	2.0			✓		
027052		Basic Wastewater Collection	2.0				✓	
027053		Basic Wastewater Treatment for Collection System Operators	0.6			✓	✓	
027054		Exam Preparation for Wastewater Collection Level 1 & 2	2.7				✓	
027055		Exam Preparation for Wastewater Collection Level 3 & 4	2.7				✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	027056		Basic Water Distribution for Water Treatment Operators	0.6	✓	✓		
	027057		Collection System Odour & Corrosion Control	0.7				✓
	027058		Basic Laboratory Procedures for Water Operators	0.7	✓	✓		
	027059		Surface Water Treatment & Water Quality	0.6	✓			
	027060		Fixed Film & Other Treatment Processes	1.3			✓	✓
	027061		Wastewater Digester Operation & Control	0.6			✓	
	027062		Microorganisms	0.6			✓	
	027063		Chemistry & Calculations for Clarifier Sludge Conditioning	2.0			✓	
	027064		Phosphorus Removal Systems	0.5			✓	
	027065		Nitrogen Removal Systems	0.6			✓	
	027066		Basic Wastewater Collection for Treatment Plant Operators	0.7			✓	✓
	027067		Basic Water Treatment for Water Distribution Operators	0.7	✓	✓		
TargetSolutions Online www.targetsolutions.com	028001	2322	Water Industry Asbestos Awareness	0.1		✓		✓
	028002	2323	Water Industry Coagulation, Flocculation, & Sedimentation	0.1	✓			
	028003	2324	Water Industry Disinfection Basics	0.1	✓	✓	✓	
	028004	2325	Water Industry Distribution Service to Customers	0.1		✓		
	028005	2326	Water Industry Effective Meter Reading	0.1		✓		
	028006	2327	Water Industry Filtration Basics	0.1	✓		✓	
	028007	2328	Water Industry Hazard Communication(s)	0.1	✓	✓	✓	✓
	028008	2329	Water Industry HAZMAT Spill Prevention & Control	0.1	✓	✓	✓	✓
	028009	2444	Water Industry Hearing Conservation	0.1	✓	✓	✓	✓
	028010	2331	Water Industry Hydraulics	0.1	✓	✓	✓	✓
	028011	2445	Water Industry Incident Investigation	0.1	✓	✓	✓	✓
	028012	2446	Water Industry Infectious Disease Control	0.1	✓	✓	✓	
	028013	2447	Water Industry Laboratory Safety	0.1	✓	✓	✓	
	028014	2669	Water Industry Maintenance on Pumps, Motors & Circuits	0.1	✓	✓	✓	✓
	028015	2671	Water Industry Mathematics Applied	0.1	✓	✓	✓	✓
	028016	2672	Water Industry Mathematics Basics	0.1	✓	✓	✓	✓
	028017	2673	Water Industry Risk Assessment	0.1	✓	✓	✓	✓
Think Business Training www.thinktraining.ca	029001		Professional Supervisor	2.3	✓	✓	✓	✓
	029002		Managing Performance – Supervisory	2.3	✓	✓	✓	✓
	029003		How to Manage Projects for the Non-Project Manager	2.3	✓	✓	✓	✓
Michigan State University www.bus.msu.edu	030001		Supervisory Management in the Water/Wastewater Field	6.0	✓	✓	✓	✓
Walkerton Clean Water Centre www.wcwc.ca	031001		Water Valve Operation & Maintenance	0.7	✓	✓		
	031002		Disinfection of Watermains	0.7	✓	✓		
	031003		Watermain Breaks & Repairs	0.7	✓			
	031004		Watermain Flushing & swabbing	0.7	✓			
	031005		Basic Chlorination & Disinfection	0.7	✓	✓	✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Nova Online www.nova-td.com</i>	032001		Cross Connection Control	0.6	✓	✓	✓	✓
	032002		Water Quality Complaint Investigations	0.6	✓	✓		
	032003		Disinfection of Water Mains & Storage Facilities	0.6	✓	✓		
	032004		Monitoring & Sampling	0.5	✓	✓		
	032005		Basic Microbiological Concepts	0.6	✓	✓		
	032006		Groundwater Our Most Valuable Resource	0.7	✓	✓		
<i>Lorne R. Johanson</i>	033001		Chlorine Handling & Disinfection	2.4	✓	✓		
	033002		Water and Wastewater Fundamentals	1.2	✓	✓	✓	✓
<i>Atlantic First Nations Water Authority www.afnwa.ca</i>	034001		Community Based Water Monitors and Operators Training	1.2	✓	✓		
	034002		Introduction to Water and Wastewater Treatment	0.8	✓	✓	✓	✓
	034003		Water and Wastewater Treatment Fundamentals	1.6	✓	✓	✓	✓
<i>Atlantic Purification Systems Ltd. www.aps.ns.ca</i>	036001		Trojan Technologies UVSwift SC	0.3	✓	✓	✓	
	036002		Trojan Technologies UV3000 PTP	0.3	✓	✓	✓	
	036003		Trojan Technologies UV3000 PLUS	0.6			✓	
	036004		Submersible Pump Training	1.4	✓	✓	✓	✓
<i>G & M Project Management</i>	037001		Water Loss Management	0.7		✓		
<i>ECAP Plumbing Consulting 902-876-8415</i>	038001		Cross Connection Awareness	0.6	✓	✓	✓	✓
<i>Dalhousie University, Centre for Water Resources Studies centreforwaterresourcesstudies.dal.ca</i>	039001		Water and Wastewater Operator Workshop	1.0	✓	✓	✓	✓
	039002		Advanced Coagulation Theory	0.5	✓			
	039003		Coagulation Processes for Wastewater Treatment	0.5			✓	
<i>EMCO Corporation (McLennan Sales) emcowaterworks.com</i>	041001		From the Main to the Curb-Waterworks Basic	0.7		✓		
	041002		When You Just Can't Go with the Flow	0.6				✓
	041003		Water Distribution & Wastewater Collection -Safety & Efficiency	0.6		✓		✓
<i>AGAT Laboratories www.agatlabs.com</i>	042001		Understanding Wastewater Effluent	0.3			✓	✓
<i>Nechtan Engineering Limited nechtanengineering.wordpress.com</i>	043001		Nutrient Removal	0.6			✓	
<i>Kildoan Emergency Management Consulting and Training kildoan.ca</i>	044001		Incident Command System 100	0.5	✓	✓	✓	✓
	044002		Incident Command System 200	1.1	✓	✓	✓	✓
	044003		Incident Command System 300	1.6	✓	✓	✓	✓
	044004		Incident Command System 400	1.4	✓	✓	✓	✓
<i>McLennan Applied Water Systems</i>	045001		Submersible Pump Training Teardown and Rebuild	0.7	✓	✓	✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Xylem Applied Water Systems xylemappliedwater.ca</i>								
<i>Hydraulic Safety Authority of Canada Inc. www.hsac.ca</i>	046001		Hydraulic Safety Exposure Level-Instructor led	0.7	✓	✓	✓	✓
	046002		Hydraulic Safety Exposure Level-E-Learning	0.4	✓	✓	✓	✓
	046003		Hydraulic Safety High Risk Maintenance-Instructor led	1.4	✓	✓	✓	✓
	046004		Hydraulic Safety High Risk Maintenance-E-learning	0.7	✓	✓	✓	✓
<i>North Shore Micmac District Council – Circuit Rider Training Program www.nsmdc-crtp.com</i>	047001		Water Distribution - Water Quality Considerations	1.2		✓		
	047002		Maintenance Management Systems	1.2	✓	✓	✓	✓
	047003		Lift Station Operations	1.2				✓
	047004		Disinfection Concepts and Practices	1.2	✓	✓		
	047005		Water Storage Facilities (O & M)	1.2	✓	✓		
	047006		Hydrant and Valve Operation and Maintenance	1.2		✓		
	047007		Water Chemistry (Basic)	1.2	✓	✓		
	047008		Wastewater Collection – Inspection and Testing	1.2				✓
	047009		Hydrant Inspection and Maintenance	1.6		✓		
<i>Echologics Engineering Inc. www.echologics.com</i>	048001		Water Leak Detection (Echologics)	1.5		✓		
<i>SPD Sales Ltd. (MSA) www.spdsales.com</i>	049001		Toxic and Explosive Gas Detection (MSA)	0.5			✓	✓
<i>CC Safety & Compliance Services Inc. www.ccsafetycompliance.ca</i>	050001		Excavation Safety for Water/Wastewater Utilities	0.6		✓		✓
	050003		Transportation of Dangerous Goods for Water Operations	0.3	✓	✓	✓	✓
<i>Environmental Training Institute, http://etivc.org/, 905-980-0491</i>	051001		Basic Water Treatment	2.8	✓			
	051002		Advanced Water Treatment	2.1	✓			
	051003		Basic Chemistry Concepts	2.5	✓	✓	✓	✓
	051004		Utility Management	2.5	✓	✓	✓	✓
	051005		Confined Space Entry	2.5	✓	✓	✓	✓
	051006		Fluoride Safety	0.7	✓	✓		
	051007		Examprep: Basic Water Treatment	2.1	✓			
	051008		Examprep: Intermediate Water Treatment	2.8	✓			
	051009		Examprep: Advanced Water Treatment	2.8	✓			
	051010		Examprep: Wastewater Collection 1-2	2.1				✓
	051011		Examprep: Wastewater Collection 3-4	2.8				✓
	051012		Math Skills for Operators	2.1	✓	✓	✓	✓
	051013		Examprep: Water Distribution 1-2	2.1		✓		
	051014		Examprep: Water Distribution 3-4	2.8		✓		
	051015		Examprep: Basic Wastewater Treatment	2.1			✓	
	051016		Examprep: Intermediate Wastewater Treatment 2-3	2.8			✓	
	051017		Examprep: Advanced Wastewater Treatment	2.8			✓	
	051018		Water & Wastewater Confined Space Entry	0.7	✓	✓	✓	✓
	051019		Water & Wastewater Confined Space Management	0.7	✓	✓	✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	051020		Drinking Water Quality Analysis	2.1	✓	✓		
	051021		Respiratory Protection Systems	0.7	✓	✓	✓	✓
	051022		Activated Sludge Process	2.1			✓	
	051023		Examprep: Water Distribution 1-2	2.8		✓		
	051024		Trenching & Shoring	0.3		✓		✓
	051025		Basic Wastewater Treatment	2.8			✓	
	051026		Laboratory Skills	2.2	✓	✓	✓	✓
	051027		Biosolids Treatment & Disposal	2.1			✓	✓
	051028		Anaerobic Digestion Process	2.5			✓	
	051029		Wastewater Collection Systems	2.8				✓
	051030		Wastewater Stabilization Ponds	2.1			✓	✓
	051031		Due Diligence for operating Supervisors & Managers	0.7	✓	✓	✓	✓
051032		Surface Water Treatment	2.8	✓				
<i>AWI (Anthratche Western Inc.) www.awifilter.com</i>	052001		AWI Filter Surveillance Workshop (half day)	0.4	✓			
	052002		AWI Filter Surveillance Workshop (full day)	0.7	✓			
	052003		AWI Filter Surveillance Workshop (two day)	1.2	✓			
	052004		AWI Iron & Manganese Removal Workshop	0.7	✓			
<i>Hetek Solution Inc.</i>	053001		Water Loss Solutions	0.6	✓	✓		
<i>Iconix Waterworks</i>	054001		Smart City- Reading Past the Meter	0.35	✓	✓		
<i>Spring Ridge Training Institute www.springridgeinstitute.com</i>	055001		Concepts in Water Governance	1.2	✓	✓	✓	✓
	055002		Environmental Determinants of Health	1.2	✓	✓		
	055003		Lakes, Reservoirs and Rivers	1.2	✓	✓		
	055004		Mastering the Art of Science Communication	1.2	✓	✓	✓	✓
	055005		Water and the Environment: The Watershed	1.2	✓	✓		
	055006		Water and Human Health	1.2	✓	✓		
<i>Various training providers (CEU based on duration of training, 10 hours = 1.0 CEU)</i>	**		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**