

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	
California State University, Sacramento (Office of Water Programs) www.owp.csus.edu	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			✓		
	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			✓	✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:				
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection	
Thompson Rivers University www.tru.ca/distance	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	✓	✓	✓	✓	
	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 Flootation 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	✓		✓		
	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	✓	✓	✓	✓	
Michigan State University www.bus.msu.edu	030001		Supervisory Management in the Water/Wastewater Field	6.0	✓	✓	✓	✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Federal Interdepartmental Water Quality Training Board www.waterqualitytraining.ca</i>	017001		Water Quality 101: Potable Water Micro-System Fundamentals	0.7	✓	✓		
<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	✓	✓		
	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		✓		

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					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001040		Chlorine Disinfection and Testing Workshop	0.3	✓	✓		
	001041		Process Measurement & Instrumentation Thoery Applications	0.6	✓	✓	✓	✓
	001042		Water Quality Disinfection & Testing	0.3	✓	✓		
	001043		Distribution System Disinfection & Safeguarding	0.6	✓	✓		
	001044		Trenchless Technology	0.3		✓		✓
	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		✓		

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001088		Water Distribution Disinfection and Water Quality	0.6		✓		
	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			✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	001131		Ponds & Lagoons	0.70			✓	
	001132		Wastewater Digester Operation & Control	0.70			✓	
	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	✓	✓	✓	✓
	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			✓	

Maritime Provinces Water and Wastewater Association (MPWWA) www.mpwwa.ca

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					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	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	✓	✓	✓	✓
<i>American Trainco</i> <i>www.canadiantrainco.com</i>	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> <i>www.trihedral.com</i>	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	✓	✓	✓	✓
<i>Accessible Water & Wastewater Solutions Ltd. (AWWS)</i> <i>www.awws.ca</i>	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			✓	
	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	✓	✓	✓	✓

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
	007031		Excel Theory for Water & Wastewater Data	0.7	✓	✓	✓	✓
Nova Scotia Community College (NSCC) www.nsc.ca	008003		Oxy-Acetylene Cutting	0.7	✓	✓	✓	✓
	008004		Cross Connection Awareness	0.6	✓	✓	✓	✓
	008005		Cross Connection Control Certification	3.7	✓	✓	✓	✓
	008006		Cross Connection Control Re-certification	1.5	✓	✓	✓	✓
	008007		Tools & Maintenance	0.6	✓	✓	✓	✓
	008008		Safe Drinking Water: Bridging the Gap from Source to Tap	1.3	✓	✓		
	008009		CBWM: "Community Collaborations – Safe Water for All"	0.9	✓	✓		
	008010		General Sciences	2.1	✓	✓	✓	✓
	008012		Mechanical Systems	2.1	✓	✓	✓	✓
	008013		Planning & Reporting	1.4	✓	✓	✓	✓
	008014		Water Quality Control	0.7	✓	✓		
	008015		Water Distribution	2.8		✓		
	008016		Water Treatment	3.5	✓			
	008017		Wastewater Quality Control	0.7			✓	✓
	008018		Wastewater Collection	2.8				✓
	008019		Wastewater Treatment	3.5			✓	
	008020		CBWM: "Tapping into Knowledge – Clean Water & Healthy Communities"	1.1	✓	✓		
008021		Cross Connection Control Surveyor	2.1	✓	✓	✓	✓	
008022		CBWM: "Building Resilience and Providing Safe Water: With Climate	1.1	✓	✓			
008023		Community Based Water Monitors and Operators Training	1.1	✓	✓			
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			✓	
	Del Getson and Associates Inc.	012001		First Critical Minutes	0.4	✓	✓	✓
GE Water & Process Technology www.gewater.com	013001		GE-Zenon ZW1000 UF Membrane	2.4	✓			
Flow-Water Products Ltd.	015001		Pressure Regulating Valves	0.6	✓	✓	✓	✓
Clow Canada www.clowcanada.ca	016001		Fire Hydrant Maintenance & Assembly	0.3		✓		
Hiltz & Seamone Co. Ltd	018001		Water Treatment Equipment Operation Workshop	0.6	✓			

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>www.hiltzsea.ns.ca</i>								
<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>Think Business Training www.thinktraining.ca</i>	029001		Professional Supervisor	2.3	✓	✓	✓	✓
	029002		Managing Performance – Supervisory	2.3	✓	✓	✓	✓
	029003		How to Manage Projects for the Non-Project Manager	2.3	✓	✓	✓	✓
<i>Walkerton Clean Water Centre www.wcwc.ca</i>	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	✓	✓	✓	
<i>Lorne R. Johanson</i>	033001		Chlorine Handling & Disinfection	2.4	✓	✓		
	033002		Water and Wastewater Fundamentals	1.2	✓	✓	✓	✓
	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	✓	✓	✓	✓
	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		✓		

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	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				✓
	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	✓	✓			
Atlantic Purification Systems Ltd. www.aps.ns.ca	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	✓	✓	✓	✓
G & M Project Management	037001		Water Loss Management	0.7		✓		
Dalhousie University, Centre for Water Resources Studies centreforwaterresourcesstudies	039001		Water and Wastewater Operator Workshop	1.0	✓	✓	✓	✓
	039002		Advanced Coagulation Theory	0.5	✓			
	039003		Coagulation Processes for Wastewater Treatment	0.5			✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>.dai.ca</i>								
EMCO Corporation (McLennan Sales) emcowaterworks.com	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		✓		✓
Nechtan Engineering Limited <i>nechtanengineering.wordpress.com</i>	043001		Nutrient Removal	0.6			✓	
Kildoan Emergency Management Consulting and Training <i>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	✓	✓	✓	✓
Xylem Applied Water Systems <i>xylemappliedwater.ca</i>	045001		Submersible Pump Training Teardown and Rebuild	0.7	✓	✓	✓	✓
Hydraulic Safety Authority of Canada Inc. <i>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	✓	✓	✓	✓
North Shore Micmac District Council – Circuit Rider Training Program <i>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		✓		
Atlantic Policy Congress of First Nations Chiefs <i>www.apcfn.ca</i>	034001		Community Based Water Monitors and Operators Training	1.2	✓	✓		
Echologics Engineering Inc. <i>www.echologics.com</i>	048001		Water Leak Detection (Echologics)	1.5		✓		
SPD Sales Ltd. (MSA) <i>www.spdsales.com</i>	049001		Toxic and Explosive Gas Detection (MSA)	0.5			✓	✓
AGAT Laboratories <i>www.agatlabs.com</i>	042001		Understanding Wastewater Effluent	0.3			✓	✓
CC Safety & Compliance Services Inc. <i>www.ccsafetycompliance.ca</i>	050001		Excavation Safety for Water/Wastewater Utilities	0.6		✓		✓
	050003		Transportation of Dangerous Goods for Water Operations	0.3	✓	✓	✓	✓
AWI (Anthratch Western Inc.) <i>www.awifilter.com</i>	051001		AWI Filter Surveillance Workshop (half day)	0.4	✓			
	051002		AWI Filter Surveillance Workshop (full day)	0.7	✓			
	051003		AWI Filter Surveillance Workshop (two day)	1.2	✓			
	051004		AWI Iron & Manganese Removal Workshop	0.7	✓			
Environmental Leverage Inc.	009001	M001	Microbiology in Wastewater	0.2			✓	
	009002	M002	Indicator Organisms in Wastewater	0.3			✓	
	009003	M003	Troubleshooting Microbiology	0.2			✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
www.wastwaterelearning.com/ elearning	009004	M004	Using the Microscope	0.4	✓		✓	
	009005	WW01	Wastewater Basics	0.2			✓	
	009006	WW02	Visual Troubleshooting	0.7			✓	
OETC – Online e-Training Company www.oetc.ca	011001		Spills in Canada	0.7	✓	✓	✓	✓
CBCL Limited www.cbcl.ca	014001		Very Small Water Supply Systems	1.2	✓	✓		
ECAP Plumbing Consulting 902-876-8415	038001		Cross Connection Awareness	0.6	✓	✓	✓	✓
Municipality of Colchester www.colchester.ca	020001		Colchester Wastewater Operations	0.7			✓	✓
Hach Sales and Service LP www.hach.com	021001		Introduction to Water Disinfection and Turbidity	0.7	✓	✓		
Hetek Solution Inc.	053001		Water Loss Solutions	0.6	✓	✓		
Iconix Waterworks	054001		Smart City- Reading Past the Meter	0.35	✓	✓		
NASSCO, Inc. www.nassco.org	024001		Pipeline Assessment and Certification Program (PACP)	1.1				✓
	024002		Lateral and Manhole Assessment Certification Program (LACP/MACP)	0.7				✓
C3 Backflow Consulting, 902- 860-3701	026001		Developing a Cross Connection Control Program	0.6	✓	✓	✓	✓
	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			✓	

Training Provider	Course Number	ID	Course Name	CEUs	Applicable to:			
					Water Treatment	Water Distribution	Wastewater Treatment	Wastewater Collection
<i>Environmental Training Institute, http://etivc.org/, 905-980-0491</i>	051017		Examprep: Advanced Wastewater Treatment	2.8			✓	
	051018		Water & Wastewater Confined Space Entry	0.7	✓	✓	✓	✓
	051019		Water & Wastewater Confined Space Management	0.7	✓	✓	✓	✓
	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>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**