



Director Approved Courses

Since 1997, Northern Waterworks Inc. has provided training and services to more than one-quarter of Ontario's First Nation communities and more than 80% of Ontario's remote First Nation communities, reaching as far north as Hudson and James Bay, making Northern Waterworks Inc. the most experienced of any firm in Canada in providing First Nations and water & wastewater training and services.

Over 250 First Nations operators have received some degree of training, ranging from refresher courses to 26-week, extensive operator-training programs. Northern Waterworks Inc. has already achieved Level III certification in First Nation communities through proven training programs and techniques. Northern Waterworks Inc. can use this expertise to improve opportunities for success in this project.

Northern Waterworks Inc. has had the opportunity to modify programs and services to meet the specific needs of remote First Nation communities. For instance, training programs have been tailored to meet the requirements of operators who frequently use English as a second language.

Northern Waterworks Inc. is committed to being the best in the business of providing First Nation communities with water and wastewater services. On-site training is customized to suit the client's needs. Operators learn how to effectively operate, maintain and control their treatment facilities. This also allows the instructor to become familiar with the operator's facility, enhancing the instructor's ability to provide technical assistance into the future. In addition, Northern Waterworks Inc. has access to Class III water treatment facilities to provide co-op training to First Nation students to ensure that they achieve Level I certification with the mandatory 12-month of experience.

Northern Waterworks Inc. has recently established the Northern Waterworks Training Centre in Red Lake to develop operator skills and build capacity. The training centre is within a fully functional Class III water treatment facility. Equipment on-site will improve the instructor's ability to teach theory by using practical hands-on demonstrations.

*Training represents the
building blocks of success!!*





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Courses	Course ID #	Continuing Education Units (CEUs)	Training Hours
Activated Sludge (1-week)	# 6368	3.2	
Basic Hydraulics and Electricity (1-day course)	# 1337	0.6	
Basic Wastewater Training (1-week course)	# 1783	3.5	
Basic Wastewater Training (2-week course)	# 1782	7.0	
Basic Water Treatment (1-week course)	# 604	3.5	
Basic Water Treatment (2-week course)	# 2089	5.2	
Basic Water Chemistry Concepts (1-week course)	# 2093	3.5	
Basic Water Chemistry Concepts (2-week course)	# 2094	5.2	
Class I Water Treatment & Distribution Preparation	# 605	5.6	
Class II - Water Treatment & Distribution Preparation	# 2091	4.5	
Coagulation & Flocculation (1-day course)	-	-	7
Confined Space Entry (1-week course)	# 3602	3.0	
Confined Space Entry (refresher course)	# 3603	1.7	
Disinfection Workshop (1-day course)	-	-	7
Entry Level Preparation (1-week course)	# 595	3.5	
Entry Level Preparation (2-week course)	# 596	7.0	
Gas Chlorination	# 8795	3.5	
Lift Stations - Operation & Maintenance (1-week course)	# 600	3.5	
Lift Stations - Operation & Maintenance (2-week course)	# 606	7.0	
Limited Surface Water (1-week course)	# 599	3.5	
Operator-In-Training : Water Treatment & Distribution Preparation	# 2090	4.5	
Practical / Hands-on Training	-	-	140
Pump Operations & Maintenance (2-week course)	# 2088	5.2	
Pump Operations and Maintenance (1-day course)	# 1338	0.6	
Pump Operations and Maintenance (1-week course)	# 602	3.5	
Sedimentation & Filtration (1-day course)	-	-	7
Small Water Systems (1-week course)	# 603	3.5	
Surface Water (1-week course)	# 597	3.5	
Surface Water (2-week course)	# 598	7.0	
Trade Calculations (1-week course)	# 657	3.5	
Trade Calculations (2-week course)	# 601	7.0	
Water Distribution Systems, Operation / Maintenance (1-day course)	# 1339	0.6	
Wastewater Collection Preparation course (Class I & II) (8 days)	-	-	56
Wastewater Treatment Preparation Course (Class I & II) (8 days)	-	-	56
Water Sources & Characteristics (1-day course)	# 2092	0.7	

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