

B.C. OPERATORS CAN GO ANYWHERE

EOCP Chairman **Joe McGowan**, signed the new reciprocity agreement while attending the British Columbia Water and Waste Association Annual Conference in Whistler in April.

The new agreement simplifies the basic understandings between certification programs across Canada while at the same time recognizing that each jurisdiction may wish to establish its own special requirements. B.C. was one of the co-authors of the first reciprocity agreement back in 1977, has led the move to bring the agreement up to date, and now is one of the first to officially sign the 1998 version. Because the B.C. program is one of the most stringent programs in the country, an operator certified in B.C. can reasonably expect to be able to go anywhere in the country and immediately get a certification equivalent to the one he holds in B.C.



Standing beside Joe is **Bill Hyslop**, an EOCP Director for over twenty years and one of the authors of the new reciprocity program.

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THINK SAFETY

Once again, a Safety Competition was held at the recent BCWWA Conference in Whistler. Three teams participated with the Whistler team taking first place followed by the teams from the C.R.D. - Water, and GVRD - Sewer. Thanks go out to Dave McLean for organizing the competition again, and to the Resort Municipality of Whistler area for setting up the competition site.



1st Place - Whistler Team: *Scott McIntyre, Shawn Rowley, Pete Davidson and Nelson Bastien (Coach)*



2nd Place - CRD Victoria Waterworks Team: *Todd Scaber, Greg Kozak and Kevin Sinclair*



3rd Place - GVRD Vancouver Sewer Team: *Roy Nees, Don Humble and Lenny Lewandoski*

- PIPELINE SWABBING AND POLY PIGGING
- CROSS CONNECTION SURVEYS
- BACKFLOW PREVENTERS
- LEAK DETECTION
- LEAK REPAIRS
- FLOW TESTS



WESTCOAST HYDRANT SERVICES LTD.

12260 Vickers Way, Richmond, B.C. V6V 1H9
Bus: (604) 270-9236 Fax: (604) 270-3851

Whistler Safety Competition Problem Outline (1998)

The weather is cold and damp, it has been raining all night, the temperature is about 5°C with no wind.

Public works yard receives a phone call at 10:45 am, from the principal of the elementary school on Pine Street, complaining of a very strong chlorine smell. He is concerned for the 400 students and teachers.

Public works have scheduled work involving changing chlorine bottles in the water pump station on Pine Street. Also a contractor is scheduled to do a video inspection of the sanitary sewers on Pine Street.

In addition a roofing contractor has been hired to replace all the pump station roof flashing some time today, because of water getting into the electric equipment.

Public works dispatch two staff to the area and contact the foreman by radio to meet them at the Pine Street station to investigate the complaint.



On arrival, the Safety teams find there has been a chlorine leak at the pump station; one injured worker there as well as the video contractor has been injured.

EMPLOYMENT OPPORTUNITY

We are accepting applications for Level 1 and 11 Water Distribution System Operators. Must have Grade 12, a clean driving record and good communications.

We provide a variety of services from fire hydrant maintenance to leak detection and pipeline pigging. Although based in the Lower Mainland, travel is required for out-of-town projects.

Please apply by fax to:

Brad Lofgren, Superintendent

Westcoast Hydrant Services Ltd.

12260 Vickers Way, Richmond, B.C. V6V 1H9

Phone: 604.270.9236

Fax: 604.270.3851



Operators Training to Manage Water for Tseshaht Band



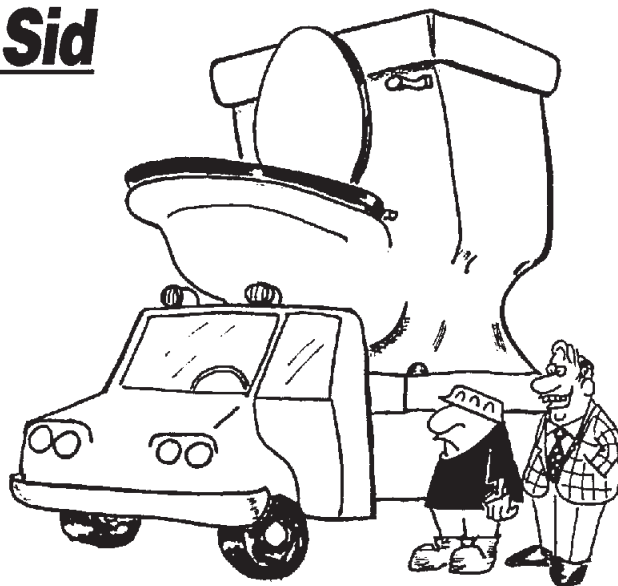
The Tseshaht Band recently hosted a training program in Port Alberni to certify maintenance men in Water Distribution Level One. Mike Ippen, Waterworks Superintendent for the District of Saanich was the instructor. The course was put on through B.C. Water & Waste. Bernie Taekema, a Director of the Environmental Operators Certification Program proctored the exam.

Pictured left to right: Rob Beckett, Gerald Fred, Bernie Taekema (EOCP Director), Mike Ippen (Instructor), Bob Sault, Rod Armstrong, Joe Prest and Terry Sam.

The "MAD TRAPPER"
at the Annual 1998 BCWWA Conference @ Whistler.



Sid



Yessir, this is the Flush Truck of the 90's!

BCWWA Victor M. Terry Award



*Norm receiving Vic Terry Award
from Joe McGowan, Chairman*

The Victor M. Terry Award is presented by the BCWWA to an operator who has demonstrated exceptional skill at his field and has supported the development of his fellow operators. The award is given by the BCWWA with input from the Board of Environmental Operators Certification Program.

This years recipient is **Norm Gobbi**. He has been a certified operator for 22 years. Norm passed his Level I exam in May 1976 and worked through the program and obtained his Level IV in January 1995. At this time he is one of only 11 operators to hold the Level IV certification.

Norm was hired by the City of Prince George as a lab technician in 1973 when the wastewater treatment plant was upgraded to an activated sludge process. He worked under **Dale Cannon**, the senior operator for a few years. It is noted that Dale is a past Vic Terry award recipient. After a few years, Dale transferred to another section at the City of Prince George and Norm was awarded the position of Chief Operator of the plant. The plant was upgraded in 1983 to include anaerobic digesters, belt filter presses and power generation. The latest expansion in 1996 replaced the activated sludge secondary treatment system with trickling filter biotowers and two circular clarifiers.

Norm is an Applied Science Technologist. His contributions to the wastewater field are not widely known or publicized as he is very low key and tends to avoid the limelight. He has contributed his expertise to various environmental advisory committees. Numerous engineering firms, municipalities and industry have called on him for input into their wastewater treatment problems in northern climates.

Norm keeps in contact with treatment plants in other communities in this province and Alberta, exchanging ideas on solving operational problems. He has been a strong supporter of education and training for operators, and has been a supporter and participant of the BCWWA Northern Workshop in Prince George for over 20 years.

NEW MEMBERS AND UPGRADES

CERT. NO.	NAME		CITY	CERT. NO.	NAME		CITY
1871	Adamek, Ian	WD, II	Victoria, B.C.	1972	DeCrane, Kim	WWC, I	Port Alice, B.C.
322	Albrecht, Leo	WWT, IV	Kamloops, B.C.	2010	Demers, Daniel	WWT, I	Kelowna, B.C.
2039	Andrew, Art	WD, I	Agassiz, B.C.	2082	Docking, Paul	WD, I	Nanaimo, B.C.
2032	Armstrong, Rod	WD, I	Comox, B.C.	2005	Doherty, Steven	WWT, I	Vancouver, B.C.
2040	Bachuk, Edward	WD, I	Squamish, B.C.	1714	Douglas, James	WWC, I	Pitt Meadows, B.C.
1325	Balfour, Scott	WWT, II	Trail, B.C.	1714	Douglas, James	WD, I	Pitt Meadows, B.C.
2037	Beckett, Robert	WD, I	Port Alberni, B.C.	1750	Dowding, Leslie	WWT, I	Tahsis, B.C.
2037	Beckett, Robert	CH	Port Alberni, B.C.	1197	Dube, John	WWC, I	Williams Lake, B.C.
1674	Benere, David	WD, III	Parksville, B.C.	425	Dumond, Keith	WD, II	Nanose Bay, B.C.
1228	Bewley, Graham	WWT, I	Victoria, B.C.	2026	Duncan, Barry	WD, I	New Hazelton, B.C.
1987	Bhalla, Param	WWC, I	Victoria, B.C.	2042	Edwards, Mark	WD, I	Lynden, WA
2052	Birkedal, Melvin	WWT, I	Montrose, B.C.	2043	Fairburn, Ron	WWC, I	Qualicum Beach, B.C.
1629	Bissenden, Dean	WD, II	Victoria, B.C.	2035	Fitzgerald, Kevin	WD, I	Cumberland, B.C.
1813	Blaeser, Kevin	WWC, I	Vernon, B.C.	1473	Fitzpatrick, Howard	WD, I	Montrose, B.C.
2073	Blakeway, Sandy	WD, I	Maple Ridge, B.C.	2055	Foran, Peter	WWT, I	Vancouver, B.C.
2074	Bolan, Kevin	WD, I	Maple Ridge, B.C.	1105	Fox, William	WD, I	Logan Lake, B.C.
1814	Borrill, Douglas	WT, I	Barriere, B.C.	2031	Fred, Gerald	WD, I	Port Alberni, B.C.
2069	Boyd, Glen	OIT, WWT	Port McNeill, B.C.	2006	Frost, Norman	WWT, I	Garibaldi Highlands, B.C.
2025	Bright, Reuben	OIT, WD	Kitwanga, B.C.	911	Fulla, Ritchie	WD, III	Nanaimo, B.C.
2029	Brondgeest, Joffre	WD, I	North Vancouver, B.C.	912	Galick, Brent	WWT, III	Langley, B.C.
2053	Brouwer, Hedy	WWT, I	Prince Rupert, B.C.	1997	Garbe, Jason	WWC, I	North Delta, B.C.
1986	Brown, Steven	WWC, I	Cobble Hill, B.C.	1123	Gardner, Ian	WWT, III	Agassiz, B.C.
833	Bruce, Robert	WD, II	Saturna Island, B.C.	2071	Garrett, David	OIT, WWT	Kemano, B.C.
2041	Budd, Kenneth	WD, I	Maple Ridge, B.C.	2056	Geiger, Dean	WWT, I	Langley, B.C.
2075	Burnet, Floyd	WD, I	Maple Ridge, B.C.	2076	Goetz, Conrad	WD, I	Maple Ridge, B.C.
2018	Burns, Wayne	WD, I	Surrey, B.C.	828	Gogula, Jim	WD, II	Richmond, B.C.
1556	Campmans, Peter	WWC, I	Heffley Creek, B.C.	1203	Green, Matthew	CH	North Vancouver, B.C.
1226	Carr, Robert	WD, III	Comox, B.C.	1200	Grondzil, Bruce	CH	Quesnel, B.C.
1964	Caulton, Mark	WWC, I	Garibaldi Highlands, B.C.	1200	Grondzil, Bruce	WWT, I	Quesnel, B.C.
1994	Cave, Gregory	WD, I	Kamloops, B.C.	2057	Gurney, Roger	WWT, I	Midway, B.C.
1994	Cave, Gregory	WWC, I	Kamloops, B.C.	2079	Gurrie, Blaine	WD, I	Nanaimo, B.C.
2007	Childs, Trevor	WWC, I	Kamloops, B.C.	1897	Gustafson, Darrell	WWT, I	Fort Nelson, B.C.
2007	Childs, Trevor	WD, I	Kamloops, B.C.	2049	Haney, Rick	WD, I	Elkford, B.C.
1612	Churko, Scott	WD, II	Nanaimo, B.C.	2072	Hannestad, Kent	WT, I	Port Coquitlam, B.C.
2054	Cleugh, Thomas	WWT, I	Crofton, B.C.	990	Hansen, Poul	WWC, I	Langley, B.C.
1911	Cobb, John	WD, II	Maple Ridge, B.C.	2036	Hargreaves, Richard	WD, I	Cumberland, B.C.
571	Coenraads, Martin	WD, III	Naramata, B.C.	1348	Haynes, Brian	CH	Kamloops, B.C.
2050	Connor, Bryce	WD, I	Chilliwack, B.C.	1476	Hewitt, Larry	WWT, III	Port Alice, B.C.
2068	Coplin, Chris	WWC, I	Qualicum Beach, B.C.	2080	Hewson, Alan	WD, I	Maple Ridge, B.C.
1953	Cosgrove, Darren	WWC, II	Nanaimo, B.C.	2044	Hillman, Douglas	WWC, I	Hope, B.C.
2013	Coutts, Ray	WWT, II	Victoria, B.C.	2062	Hubert, George	WWC, I	Tofino, B.C.
2013	Coutts, Ray	WWT, I	Victoria, B.C.	1993	Hubin, Troy	WD, I	Victoria, B.C.
1899	Coutu, Kevin	WD, II	Maple Ridge, B.C.	1255	Hurst, John	WWT, I	Clearbrook, B.C.
2070	Crookes, Andrew	OIT, WWT	Tumbler Ridge, B.C.	696	Iturra-Cea, Jaime	WWT, III	Vancouver, B.C.
1983	Cupello, Ernest	WD, I	Kamloops, B.C.	686	James, Paul	CH	Houston, B.C.
1983	Cupello, Ernest	WWC, I	Kamloops, B.C.	1857	Jay, Gary	WD, II	Victoria, B.C.
1983	Cupello, Ernest	WWC, II	Kamloops, B.C.	1992	Jones, Bruce	WD, I	Courtenay, B.C.
1637	Currie, John	WD, II	Victoria, B.C.	1904	Kennedy, Del	WWC, II	Kamloops, B.C.
2067	Dallas, Ken	WWC, I	Coquitlam, B.C.	1912	Kerrigan, Todd	WWT, I	Kelowna, B.C.
2048	Davidson, Peter	WD, I	Whistler, B.C.	2058	Klassen, Kenneth	WWT, I	Ashcroft, B.C.
1223	De Vuyst, Kerry	WD, I	Dawson Creek, B.C.	1958	Koczur, Joseph	WWT, I	Sardis, B.C.
1223	De Vuyst, Kerry	WWC, I	Dawson Creek, B.C.	1884	Kozak, Craig	WD, II	Victoria, B.C.
1017	Dean, Lloyd	WD, III	Richmond, B.C.	1998	Kroeker, Manfred	WWC, I	Surrey, B.C.

NEW MEMBERS AND UPGRADES

CERT. NO.	NAME		CITY	CERT. NO.	NAME		CITY
2081	Kuntz, Brian	WD, I	Maple Ridge, B.C.	2084	Robinson, Wayne	OIT, WWT	Sooke, B.C.
607	Lane, Al	WWT, IV	Prince George, B.C.	1989	Rose, Terrance	WWC, I	Victoria, B.C.
2051	Larsen, Guy	WD, I	Port Alberni, B.C.	2030	Sabbas, Louie	WD, I	Tofino, B.C.
1999	Lau, Alex	WWC, I	Burnaby, B.C.	2030	Sabbas, Louie	WD, II	Tofino, B.C.
2012	Law, Allan	WWT, I	Kaslo, B.C.	2063	Sallis, Frank	WWC, I	Ladner, B.C.
2017	Lee, Victor	WD, I	Vancouver, B.C.	2023	Schell, Bruce	OIT, WD	Hazelton, B.C.
1658	Lefebvre, Sean	WD, I	Port Hardy, B.C.	2045	Schleser, Rob	WD, I	Delta, B.C.
1960	Little, Randy	WWC, I	Smithers, B.C.	1982	Schultz, Robert	WD, II	Vernon, B.C.
1782	Lofgren, Bradley	WD, II	Surrey, B.C.	1982	Schultz, Robert	WD, I	Vernon, B.C.
2000	Lott, James	WWC, I	Richmond, B.C.	2046	Scriven, Richard	WD, I	Taylor, B.C.
2001	Luis, Albano	WWC, I	Port Coquitlam, B.C.	2047	Seymour, Clement	WD, I	Agassiz, B.C.
1760	Macfarlane, David	WD, II	Yarrow, B.C.	1639	Sheldon, Richard	WWC, I	Courtenay, B.C.
818	MacKenzie, Sandra	WWT, III	Surrey, B.C.	2077	Silva, Valdemar	WD, I	Maple Ridge, B.C.
1149	MacLeod, Mike	WD, I	Delta, B.C.	2003	Simpson, John	WWC, I	Surrey, B.C.
2016	Magee, Charlie	WT, I	Mission, B.C.	2038	Simpson, Kyle	WD, I	Langley, B.C.
2016	Magee, Charlie	WD, I	Mission, B.C.	1995	Sivertson, David	WD, I	Victoria, B.C.
1562	Magi, John	WWT, I	Saanichton, B.C.	1547	Skalicky, Ric	WWC, I	Revelstoke, B.C.
2028	Martin, Daniel	WWT, I	Winfield, B.C.	2014	Smith, Kenneth	WWC, I	Hope, B.C.
1213	Massier, Larry	CH	Abbotsford, B.C.	2014	Smith, Kenneth	WD, I	Hope, B.C.
302	Mathieu, Robert	CH	Sardis, B.C.	1966	Soros, Ross	WD, I	Maple Ridge, B.C.
1896	Matias, Joe	WWT, I	Penticton, B.C.	2061	St. Jean, Lynn	WWT, I	Sechelt, B.C.
1706	Maxson, Mark	WWT, II	Kelowna, B.C.	2066	Steer, Murray	WWC, I	Burnaby, B.C.
611	Mayo, Kerry	WD, III	Courtenay, B.C.	2064	Stevens, Andrew	WWC, I	Delta, B.C.
1996	McIntyre, Douglas	WD, I	Burnaby, B.C.	877	Stewart, David	WWC, I	Courtenay, B.C.
1985	McKinnon, Ian	WWT, I	Port Alice, B.C.	2011	Struthers, Richard	OIT, WWT	Kelowna, B.C.
2002	McLellan, Donald	WWC, I	Surrey, B.C.	784	Stuart, Stephen	WD, II	Tofino, B.C.
2019	Michell, Clayton	OIT, WD	Smithers, B.C.	1317	Tanaka, Rick	WWC, II	Surrey, B.C.
2008	Miller, Gordie	WWC, I	Kamloops, B.C.	2083	Teale, Dennis	WD, I	Vernon, B.C.
1988	Moncur, Thomas	WWC, I	Victoria, B.C.	1990	Toews, David	WWC, I	Victoria, B.C.
2020	Moore, Floyd	OIT, WD	Hazelton, B.C.	1732	Trzebski, Joseph	CH	Surrey, B.C.
2021	Morrison, Allen	OIT, WD	Gitwanga, B.C.	225	Van den Boogaard, Jo	CH	Richmond, B.C.
2027	Morrison, Jerry	WD, I	Hazelton, B.C.	500	Van Leersum, Rick	WD, I	Aldergrove, B.C.
2027	Morrison, Jerry	WT, I	Hazelton, B.C.	2078	Veasey, Daryl	WD, I	Maple Ridge, B.C.
2022	Morrison, Richard	OIT, WD	Hazelton, B.C.	1656	Villa, Roy	WWC, II	Victoria, B.C.
1402	Murphy, Dorrance	CH	Houston, B.C.	1700	Wakely, Patrick	WWC, I	Vancouver, B.C.
1718	Murphy, Michael	WD, I	Pitt Meadows, B.C.	1981	Wallace, John	WD, II	Delta, B.C.
2015	Ngui, John	WD, I	Vancouver, B.C.	1981	Wallace, John	WD, I	Delta, B.C.
1703	Nuttall, Steven	WWT, III	Agassiz, B.C.	1963	Weistra, Johnny	WD, I	Maple Ridge, B.C.
2059	O'Hanley, Michael	WWT, I	Victoria, B.C.	2024	Wesley, Aaron	OIT, WD	Hazelton, B.C.
2060	Oliver, Kenneth	WWT, I	Port Hardy, B.C.	1898	Whitworth, Stewart	WD, II	Courtenay, B.C.
2009	Parker, Grant	WWC, I	MacKenzie, B.C.	1525	Williams, Richard	WD, II	Sidney, B.C.
1184	Payne, Boyd	WWT, IV	Port Alice, B.C.	2065	Williams, Ronald	WWC, I	Delta, B.C.
1901	Perkins, Keith	WWT, II	Surrey, B.C.	1969	Wilms, Earl	WD, I	Kamloops, B.C.
1984	Popp, Brian	WD, I	Kamloops, B.C.	2004	Wilson, Ian	WWC, I	Langley, B.C.
1984	Popp, Brian	WWC, I	Kamloops, B.C.	1841	Witzke, Robin	CH	Winfield, B.C.
1708	Prabhakaran, Sugavan	WWT, II	Surrey, B.C.	944	Wood, William	WWC, I	Mission, B.C.
2033	Prest, Joseph	WD, I	Kamloops, B.C.	1780	Woods, Robert	WWT, II	Fruitvale, B.C.
1571	Rasmuson, Gerry	CH	Salmon Arm, B.C.	1991	Wormald, Thomas	WWC, I	Victoria, B.C.
988	Regehr, Douglas	WD, II	Ladner, B.C.	1222	Wyatt, Trevor	WD, II	Malahat, B.C.
476	Reid, James	CH	Langley, B.C.	1380	Wyse, Robert	WD, II	Kamloops, B.C.
1338	Robinson, Dean	WWC, II	Nanaimo, B.C.	2034	Young, Rosanne	WD, I	Bamfield, B.C.



UPCOMING EVENTS

BCWWA FALL CALENDAR 1998

BCIT NIGHT SCHOOL 12 WEEKS

Note: Please contact BCIT directly for registration information @ (604) 434-1610

Sept 15 - Dec 1	Water Distribution Level 1	BCIT, 3700 Willingdon Ave.
Sept 16 - Dec 2	Water Collection Level 1	BCIT, 3700 Willingdon Ave.

Note: Please contact BCWWA directly for registration information @ (604) 540.0111

Sept 14 - 18	{Hands on laboratory procedures courses for} Environmental Permit/Process Control Analysis	City of Kamloops, WWTP
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Note: Start time 11:00 am to 7:00 pm

Sept 21 - 25	Wastewater Treatment Level 1	TBA, Castlegar, B.C.
Sept 28 - Oct 2	Wastewater Treatment Level 111	Iona Treatment Plant Annacis Treatment Plant

Note: Start time 7:00 am to 3:00 pm

INTERIOR OPERATOR SCHOOL, VERNON LODGE, B.C.

November 2 - 6	Cross Connection Control	3914 - 32nd Street, Vernon
November 2 - 6	Water Treatment Level 1	3914 - 32nd Street, Vernon
November 2 - 6	Wastewater Treatment Level 11	3914 - 32nd Street, Vernon
November 2 - 6	Chlorine Handling	3914 - 32nd Street, Vernon

1 DAY WORKSHOPS - KAMLOOPS, B.C.

November 16 - 20, 1998

November 16	Water Pump Maintenance	Best Western Hotel, Kamloops
November 17	Sewer Pump Maintenance	Best Western Hotel, Kamloops
November 18	Valves and Actuators	Best Western Hotel, Kamloops
November 19	Hydrants Maintenance	Best Western Hotel, Kamloops

5 DAY COURSES - KAMLOOPS, B.C.

November 16 - 20, 1998

November 16 - 20	Water Treatment Level 1	Best Western Hotel, Kamloops
November 16 - 20	Wastewater Collection Level 11	Best Western Hotel, Kamloops
November 16 - 20	Water Distribution Level 11	Best Western Hotel, Kamloops