



Western Canada Water Environment Association

2016

Annual Report

Contents

2016 Board of Directors	2
Chair Report	2
Nominations	3
WCWEA Awards	4
Canadian Stockholm Junior Water Prize	5
Membership	6
Finance Update	6



2016 BOARD OF DIRECTORS

Chair	Fernando Sacluti	Alberta Trustee	David Curran
Chair Elect	Bia de Freitas	Manitoba Trustee	Daniel Dankewich
Vice Chair	Natalie Wilson	Saskatchewan Trustee	Bill Heywood
Past Chair	Alexia Stangherlin	TAPA Chair	Ross Webster
Treasurer	Daniel Du Toit	YP Committee Chair	Adan Issa
WEF Delegate	Jeffrey Halliday	Executive Director	Audrey Arisman

CHAIR REPORT

This past year had its interesting challenges mixed with successes for WCWEA.

Accomplishments

CBRC 2016

The Canadian Biosolids and Residuals Conference was held this past May in Edmonton, and by all accounts was very successful. Over 100 people participated in the sessions and tradeshow. Feedback on the 30 sessions was positive. It started with a tour of the Edmonton Water Management Centre and ended with a group touring the AITF BioChar Facility in Vegreville. Keynote speaker Mike Van Ham with SYLVIS Environmental opened the conference with a presentation on '*Residuals as Resources: a glimpse through the looking glass*'.



WCWEA would like to thank the following companies for their sponsorship support of the event as well as David Curran for his hard work in heading up the planning committee.

- City of Edmonton
- EPCOR
- City of Calgary
- Lystek International Inc
- SYLVIS Environmental
- Beaver Municipal Solutions
- Exova
- Stantec Consulting Ltd
- SUEZ Canada Waste Services Inc
- City of Lethbridge
- Lambourne Environmental
- Alberta Capital Region Wastewater Commission
- Associated Engineering
- EHAN Engineering

Young Professionals

WCWEA's Young Professionals group continued to hold events and engage the younger engineering members as well as other professionals. Adan Issa, our Young Professionals Committee Chair, once again showed his enthusiasm growing and leading a young professionals contingent. Under his leadership, the YP group has established a strong core group in Edmonton, and continues to grow into other major centres in Western Canada.

The WEF Student Chapter at the University of Manitoba hosted the 10th Annual International Prairie Student Conference (IPSC) this summer from August 10th to 12th, 2016 in Winnipeg. WCWEA was a sponsor of this event.

WCWEA continues to support the Canadian Stockholm Junior Water Prize. A summary of this year's contest is provided later in this report.

Looking Forward

Our TAPA Committee shifted its focus and is now exploring specialty conference topics which are of great interest to the general membership (an example-- planning has begun for a stormwater specialty conference). As always, we need interested volunteers to get involved in planning and executing exciting events such as these. Anyone can join in, and is encouraged to visit our website for more information.

WCWEA will be re-visiting its strategic priorities in early 2017 to ensure we continue providing valuable



benefits for our members. Feedback and input from membership is always welcome.

Board Development

There are a couple of terms ending this October: David Curran, Alberta Trustee and Alexia Stangherlin, Past Chair and WCW Director.

Working closely with Dave at the City of Edmonton these past three years, I have seen him balance the association's needs along with pressing work duties. What impressed me was his tireless effort over his term. He was able to deliver a unique take on industry needs for technical and regulatory growth. In 2016 this showed in his involvement with the Door to Edmonton and as Chair of the Canadian Biosolids and Residuals Conference. Both events were resounding successes.

Alexia will step down from the board after four years on the executive as well as serving as our WCW Director. Alexia is starting a family and we wish her all the best in the future and look forward to working with her again down the road.

Of course, we have had strong contributions from other members of the board. Jeff Halliday, our WEF Delegate and long standing WCWEA board member, continues to manage and promote association needs to our parent Water Environment Federation. Daniel du Toit, our freshman Treasurer, is steadily keeping our finances in check. Bia de Freitas, Natalie Wilson, Dan Dankewich, Bill Heywood, and Ross Webster all put in valuable contributions this past year. Also, one cannot overlook the efforts of Audrey Arisman and Kristen McGillivray in the WCW Office, as we could do nothing without them or their team.

Finally, as the board turns over at the conference in October, we will welcome some new board members into the fold. **Why not you?** Bia, Natalie, and the rest of the board would like to hear your new perspectives. As a new board, one of its first key tasks will be to revisit the association's vision and strategic plan. While the board has the responsibility to fulfil the mandate, it is meant to represent the views of the membership. I strongly urge you to reach out to one or more of the board members, and let them know of your ideas. Or join the team and provide your insights first hand.

Fernando Sacluti

NOMINATIONS

With the transition to the new Canadian Not for Profit Regulations WCWEA changed the nominations and balloting process for Board elections. Election ballots are sent out only if more than one nomination is received for a position. Call for nominations for the board was posted in the spring issue of the WCW Magazine and posted on the WCWEA website.

This year's new officers are:

Vice Chair (Alberta)

Rasel Hossain, P.Eng, Stantec Consulting

Alberta Trustee

Alec Mackenzie, GHD Ltd



WCWEA AWARDS

Arthur Sidney Bedell Award

The Arthur Sidney Bedell Award was established to acknowledge extraordinary personal service to a Member Association. The award is named for Arthur Sidney Bedell, the second president of the Federation who exemplified its purpose by his long devotion and service to the New York Sewage and Industrial Wastes Association, now the New York Water Environment Association. He was Chief of the Bureau of Sewage and Waste Disposal of the New York State Department of Health

1974 W Les Wardrop	2003 Bill Borlase
1977 Murray Prescott	2006 Chris Ward
1980 Harvey Hogge	2009 Mike Van Den Bosch
1983 Clarence Forsbert	2010 Garry Mak
1988 William McKay	2012 Brian Station
1991 James Warrener	2013 Dan Smith
1994 George Balacko	2014 Rodger McDonald
1997 Terry Higo	2015 Ross Webster
2000 Gerald Samuel	

William D. Hatfield Award

The William D. Hatfield Award is presented to operators of wastewater treatment plants for outstanding performance and professionalism. The award was established in honor of Dr. William D. Hatfield, Superintendent of the Decatur, Illinois Sanitary District, who was President of the Central States Sewage Works Association in 1944-45 and served as President of the Federation in 1958-59

1958 Clarence Forsbert	2004 Frank Wetsch
1978 Kenneth Elstone	2007 Wayne Wall
1983 Michael Cassiram	2010 George Kewley
1989 Doug Moisuk	2011 Brian Miller
1995 Gene Emanuel	2012 Ian Christiansen
1998 Wolf Keller	2014 Rynette Moore-Guillaume
2001 Cheng-Ping Hwang	2015 Ted Snure

Laboratory Analyst Excellence Award

The Board of Directors established this award in 1993 to recognize individuals for outstanding performance, professionalism and contributions to the water quality analysis profession.

2001 Glen Brown	2011 Lori Splet
2004 Jan Oleszkiewicz	2014 Brenda Stanek
2007 Edith Phillips	2015 Dr Qiuyan Yuan PhD
2010 Mei Chen	



CANADIAN STOCKHOLM JUNIOR WATER PRIZE

Montreal in May brought excitement as the annual Canada Wide Science Fair (CWSF) brought the opportunity for students to nominate their projects for the Canadian Stockholm Junior Water Prize (CSJWP).

Each year the CSJWP National Organizing Committee, representing ACWWA, BCWWA, CWWA, Réseau Environnement, WCWEA, and WEAO, works through the Youth Science Foundation at the Canada Wide to select three student projects to compete for the privilege to represent Canada at the international Stockholm Junior Water Prize (SJWP) competition.

This premier event is held annually in late August in Stockholm, Sweden. The SJWP is the most prestigious international award for a water related science project at the high school level. This significant competition is held to encourage enthusiasm in today's youth for water issues, build an international community of young scientists bonded together for the water environment, raise public awareness about the future of our water resources and develop and ensure future leadership in the water community by attracting the best and the brightest young people to this field.

2016 Nominations

This year's slate of students truly represented the nation from east to west coast as the three students hailed from Newfoundland, Manitoba and British Columbia and covered a diverse range of work related to the water environment. Each student's project was evaluated against specific criteria by a slate of Member Association judges including Chief Judge Cindy Toth and panelists, Jeremy Kraemer, Klas Ohman and John Presta with reporter, Ian McIlwham.

The two runner-up projects included one by Meaghan MacKenzie who studied Eurasian watermilfoil, *Myriophyllum spicatum*, as a threat to the biodiversity of the Delta area's waterways in British Columbia testing a geotextile benthic barrier for eradication. The second runner-up project was from Manitoba's Philip Kawalec who focused on creating a sustainable water filter to extract iron and calcium from banana peels as the main filtering agent. Each runner-up receives a prize of \$300 and a certificate.

2016 Canadian Winner

The CSJWP winner was Caitlyn Pratt from Newfoundland who studied oil spills, emergency response and the use of dispersants that affect wildlife. Dispersants impact the feather microstructure/mass of Thick-billed Murres (*Uria lomvia*), a North Atlantic seabird and the bird's survival if its insulating feathers are compromised.

An oil spill environment was mimicked by exposing feathers to seawater and seawater with oil, oil with dispersant and dispersant and determining a feather amalgamation index. Results showed dispersants harmed feather waterproofing adding to the discussion of dispersant use, alternative mitigation tactics and changing dispersant use regulations.

Having lived on diverse coastlines around the world, Caitlyn has witnessed devastating effects of water pollution. Now living in Newfoundland, crystal water and magnificent coastlines exist unlike anything experienced in her travels. As a Grade 11 honour student at Holy Heart of Mary High School in St. John's, keen on swimming and diving, Caitlyn wants to protect the water she loves. She wants to pursue ways to guard these waters that comprise so much of our world and which brings her so much joy combined with her passion for science.

The culmination of Caitlyn's selection as Canada's representative is an all-expenses paid trip to Stockholm, Sweden in late August accompanied by our National Organizer representative Ian Mcilwham. Ian will be reporting back to us all later this year on the Caitlyn's experiences in her journey to Stockholm and we wish Caitlyn all the best as she strives to do her best for Canada at the competition.

Cindy Toth
CSJWP Chair

Website - www.sjwp.ca

Facebook - <https://www.facebook.com/CanadianStockholmJuniorPrizeWinnerCsjwp>

Twitter - @CSJWP



MEMBERSHIP

Memberships	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
WEF Members*	261	283	303	355	343	319	251	246	243	218	213	202
WCWEA Members	15	20	17	25	39	33	41	48	22	30	31	30
Total Membership	276	303	320	380	382	352	292	294	265	248	244	232

FINANCE UPDATE

Statements of Operations and Changes in Net Assets For the Years Ended December 31, 2014

Revenue	2015	2014
Membership	20,785	14,063
Partnership shares	12,888	18,218
Networking events	3,345	-
Interest and miscellaneous income	579	864
Education and training	-	-
	37,597	33,145
Expenses		
Board and committees	12,922	5,959
Contract services	8,090	5,140
Professional fees	5,191	3,717
Membership	3,720	4,080
Networking events	2,825	-
Awards	1,100	925
Insurance	616	616
Telephone and telecommunications	536	371
Office and miscellaneous	270	259
	35,270	21,067
Excess (deficiency) of revenue over expenses	2,327	12,078
Net assets, beginning of the year	34,942	22,864
Net assets, end of the year	37,269	34,942

As reported by Calvista LLP, Certified General Accountants