



2017 ANNUAL REPORT



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Date: Sunday, April 15, 2018

Time: 4:00 p.m. – 5:00 p.m.

Location: Salon G, London Convention Centre (1st Floor), London, ON

Agenda

1. Call to Order
2. Introduction of the 2017-2018 Board
3. Introduction of Guests
4. Approval of 2017 Annual General Meeting Minutes
5. Business Arising from Meeting Minutes
6. President's Report – John Presta
7. Strategic Plan 2018-2020
8. Treasurer's Report – Larry Madden
9. Appointment of Accounting Firm for Fiscal 2018
10. Bylaw Revision
11. Brief Overview from Committee Chairs
12. Board Election Results
13. New Business
14. Request for Motion of Responsibility
15. Adjournment

**WEAO Annual General Meeting
Sunday, April 2, 2017 at 4:00 pm ET
Room 211, Shaw Centre, Ottawa, ON**

Present: WEAO Board Members

Rob Anderson	Shirley Anne Smyth
Brian Gage	Rosanna DiLabio
Gary Burrows	William Fernandes
John Presta	Tiffany Chai
Erin Longworth	Edgar Tovilla
Jose Bicudo	Dean Iamarino
Richard Szigeti	Heather Tyrrell

Plus 37 Attendees

1. Call to Order
 - Meeting called to order at 4:10 p.m. by Brian Gage.
 - Annual Report (without the committee reports) distributed to attendees.
2. Introduction of the 2016-2017 Board of Directors and their affiliated organizations.
3. Introduction of Guests
4. Approval of Meeting Minutes

Motion: To accept the minutes from 2016 by John Presta, seconded by Rhond Harris, member. Carried.
5. Business Arising from meeting minutes – None.
6. President's Report
 - New WEAO Office Location in Mississauga/Erin Mills established and operating.
 - New agreement to handle administrative duties of OPCEA by the WEAO.

- Reconsideration of WEAO support for the Ontario Coalition for Sustainable Infrastructure (OCSI)
- Will be developing a 3-year strategic plan
- Arke Marketing contracted to design and manage Website and Social media
- Government Affairs Committee re-established with Edgar Tovilla as Chair.

7. Treasurer's Report – John Presta, Vice President

Previous fiscal year: 57,611

Largest surplus to equity in the history of association.

Current fiscal year: 91,578

Largest portion of income (61%) from the conference

Largest portion of expenses from Operations (45%)

Excess of revenue over expenses: \$91,578

Net assets: \$769,790

Cash assets: \$720,080

Motion: Clarke Pollard Gagliardi Navickas LLP be appointed as accounting firm for 2017. Proposed by Rosanna DiLabio, seconded by Edgar Tovilla. Carried.

8. Committee Reports

Committee Reports – (refer to Annual Report for details).

Committee Chairs presented overview of their Annual Reports

- Asset Management Committee – Danielle Anders
 - 2016 webinar successful. Planning to do another webinar in 2017.
- Operations Challenge Committee – Richard Szigeti
 - 7 teams competing this year in Ops Challenge
- Promotions and Event Planning Committee – Frank Scriver
 - Great Canadian Icebreaker changing from Saturday to Sunday evening 5-9pm.
- Wastewater Treatment and Technologies Committee – Mike Thomson

- Microbiology Seminar will move to GTA based on lack of attendance in Niagara Fall in 2016.
 - Establishing an Industrial sub-group of committee. Considering an Energy sub-group.
- Young Professionals Committee – Tiffany Chai
 - 7 Professional Development and Social Events.
 - 8 teams competed in the 2017 Student Design Competition
9. 2017 Board Elections
- Erin Longworth elected as Vice President.
 - Dean Rudd and Frank Scriver elected as Directors.
- Motion to accept 2017-2018 slate of board members proposed by Shirley Anne Smyth, seconded by William Fernandez. Carried.
10. **Motion** of Responsibility
- “We hereby support and approve all expenditures, actions, and agreements undertaken by the Board of Directors and its Officers and Agents on behalf of the Association, as reported to the membership.”
- Moved by Edgar Tovia, seconded by John Presta. Carried.
11. **Motion** to Adjourn 2017 Annual General Meeting
- Moved by Richard Szigeti

PRESIDENT'S MESSAGE

I am proud to have served as President of WEAO, the premier association related to the protection of the water environment. It is rare for the general public to know the importance of the objective of our members which is to basically protect the water environment so that we can all live in healthy communities within the province of Ontario.

This past term, our current Board members have helped to move the association's objectives forward by renewing our Strategic Plan. There is no dramatic change in the association's objectives as the protection of the water environment remains paramount. The WEAO's new Strategic Plan aligns with WEF's Strategic Plan. WEAO's Strategic Plan commits to operational goals to be conducted within the next three years. WEAO's Strategic Plan was renewed in order to take into account WEF's strategic plan and includes the following:

Vision: Essential to all professionals dedicated to sustaining Ontario's water environment

Mission: We connect and enrich the expertise of professionals who protect Ontario's water environment.

Core Values: Leadership, Knowledge, Passion, Service, Collaboration, Innovation

The strategic planning process identified WEAO's strengths and opportunities for improvement in order to continue the strong status of the association. An operational plan will be developed in order to concentrate the Board's efforts in the following focus areas: 1) Knowledge Exchange, 2) Emerging Trends & Regulations, 3) Communications, 4) Sustainable Business, 5) Membership and 6) Collaboration. One of WEAO's core strengths is the association's network of volunteers which help manage our 16 Committees in order to deliver our programs. With the power of over 200 volunteers, I am so grateful to everyone who has dedicated their time to help WEAO fulfil the delivery of events and services for members. On behalf of the Board, WEAO is in particular thankful to the many employers who have allowed members to give back to the industry that our members are so passionate about, the protection of the water environment.

WEAO's Young Professionals continue to demonstrate their passion for our industry. Based on the Young Professional's activities they continue to bring energy and new ideas to our association. The Young Professionals are WEAO's future leaders and they have proven to advance onto the Board. This year the Board approved a by-law amendment which would provide the YP representative a vote. This amendment is accredited to the continued success which the Young Professionals have achieved within WEAO.

Looking at the future, I can say that with the new Strategic Plan and the passion of our members, WEAO is positioning itself to continue to provide member events and

services which have made it the leading association for the protection of the water environment. With our continued collaboration with our partner associations, I am sure we will continue to serve our members very well.

I would like to personally thank each Board member who has contributed their time and effort in WEAO activities for another successful year.

Finally, a big thank you to our WEAO staff, Heather and Jennifer along with the Conference Committee who have been working hard to ensure another successful conference in London!

Water is Worth It!

Sincerely,

John Presta



WEAO PROFILE

The Water Environment Association of Ontario (WEAO) is an incorporated, not-for-profit, technical association of approximately 1,300 environmental engineers, scientists, operators, and others from consulting companies, municipalities, industry, equipment suppliers and government agencies. The Pollution Control Association of Ontario (PCAO) was formed in 1971 and the Association changed its name to the WEAO in 1993.

The WEAO organizes conferences, seminars and workshops to inform its members and others of the constantly changing developments in environmental technology. The Association publishes a quarterly magazine, "INFLUENTS", to report on the WEAO and other related environmental activities.

Members of the WEAO can also become members of the Water Environment Federation (WEF) based in Alexandria, Virginia.

The WEAO was an active member of the Federation of Associations on the Canadian Environment until June 1987; it is now a member of the Canadian Water and Wastewater Association (CWWA), FACE's successor.

OPERATION OF THE EXECUTIVE

The affairs of the WEAO are administered by a Board of Directors that is comprised of:

President

Vice-President

Past President

Two WEF Delegates

One CWWA Director

One Professional Wastewater Operators Regional Council Representative

Six Directors

A Secretary/Treasurer, Chief Administrative Officer, and Administrative Assistant provide additional services to the Board of Directors and the Association.

The Board appoints the two WEF Delegates and the CWWA Director as required and each one serves a three-year term. Two Directors and the Vice President are elected annually by the membership. Nominees for the WEAO Board of Directors are drawn from the membership; nominees for the position of Vice President are drawn from the current and previously elected directors. The Vice President automatically assumes the Presidency after one year in office.

The term for each WEAO Executive runs from the time of the Annual General Meeting (AGM) in any one-year to the next AGM.

**WEAO Board
JAN – APRIL 2017**

President	Brian Gage, Aqua Technical Sales Inc.
Vice President:	John Presta, Region of Durham
Past President:	Rob Anderson, C&M Environmental
WEF Delegates:	Neil Awde, AECOM and Rosanna DiLabio, Pinchin Ltd.
CWWA Director:	William Fernandes, Peel Region
Directors:	José Bicudo, Associated Engineering Erin Longworth, CIMA Canada Inc. Richard Szigeti, City of Toronto Dean Iamarino, Region of Halton Shirley Anne Smyth, Environment Canada Edgar Tovilla, Region of Peel
Young Professional Rep:	Tiffany Chai, Dillon Consulting
OWWA Representative:	Marcus Firman, District of Muskoka
OPCEA Representative:	Robert Lee, Centramix (as of February 2017)

APRIL - DECEMBER 2017

President:	John Presta, Region of Durham
Vice President:	Erin Longworth, CIMA Canada Inc.
Past President:	Brian Gage, Aqua Technical Sales Inc.
WEF Delegates:	Neil Awde, AECOM and Rosanna DiLabio, Pinchin Ltd. (until September 2017) Dean Iamarino, Region of Halton (as of October 2017)
CWWA Director:	William Fernandes, Peel Region
Directors:	Richard Szigeti, City of Toronto Dean Iamarino, Region of Halton Shirley Anne Smyth, Environment Canada Edgar Tovilla, Region of Peel Dean Rudd, Endress & Hauser Frank Scriver, Flotwegg Separation Technology
Young Professional Reps:	Chantelle Bazowsky, Terratec

Tiffany Chai, Dillon Consulting
OWWA Representative: Dan Huggins, City of London (as of May 2017)
OPCEA Representative: Robert Lee, Centramix
PWO Representative: Gary Burrows, City of London
Secretary & Treasurer: Larry Madden, C&M Environmental Technologies Inc.

ASSET MANAGEMENT COMMITTEE 2017 ANNUAL REPORT

Mandate

The OWWAWEAO Asset Management Committee has been created to represent members within the water environment industry. This committee is dedicated to the promotion, education, information exchange, and discussion of best asset management and sustainability practices within the water and wastewater environment industry.

Committee Members

The Asset Management Committee consists of 16 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Bethany Ladewig	Chair	Region of Peel
Danielle Anders	Past-Chair	GM BluePlan
James Jorgensen	Chair 2018-2019	GM BluePlan
Gen Nielsen		City of Ottawa
Mike Garaci		Pure Technologies
Ben Pressman		York Region
Natalie Ribic		Halton Region
Bill Serjeantson		Cole Engineering
Robert Pickett		Cole Engineering
Daryush Esmaili		City of Guelph
David Watt		GM BluePlan
Martina Betkova		City of Toronto
Richard Pinder		Region of Waterloo
Richard Szigeti	WEAO Liaison	City of Toronto
Vanessa Chau		City of Brampton
Beth Scott	YP Liaison	WSP
Deborah Goudreau	OWWA Liaison	County of Oxford

2017 Activities

- 2017 WEAO Conference
- 2017 OWWA Conference
- Pipeline articles
- Attended multiple seminars and events for other committees at WEAO/OWWA

Goals

1. 2018 Webinar.
2. 2018 Conference Attendance.
3. Article in Influents (WEAO).
4. Blog Feature.
5. Article in Pipeline (OWWA).

2018 Activities

- Webinar.
- Joint event with Climate Change?
- Joint event with another committee?
- Article writing.
- Blog feature.

CLIMATE CHANGE COMMITTEE – JOINT OWWA/WEAO 2017 ANNUAL REPORT

Mandate

The committee works to recognize and address the quality, quantity, and infrastructure stresses that climate change presents on drinking water, wastewater, and storm water, to ensure the water industry in the province is aware of the likely impacts of climate change in their geographic area and concomitant impacts on drinking water systems, and to promote planning appropriate responses, the Climate Change Committee will monitor scientific literature on climate change to identify predicted changes in the water cycle and bring these to the attention of our membership, together with alternatives to address the issues. The Committee will also communicate with other utility and non-utility organizations to exchange information on the implementation of best practices to respond to climate change.

Committee Members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Jackie Kennedy	Chair (WEAO)	City of Toronto
John Vandenberg	Vice-Chair (OWWA)	Township of King
Elia Edwards	OWWA Board Liaison	Associated Engineering
Edgar Tovilla	WEAO Board Liaison	Region of Peel
Paul Marsh	Past-Chair (2014/2015) (WEAO)	Morrison Herschfield
Peter Nimmrichter	Past Chair (2015/2016) Rep: Infrastructure and Buildings Working Group	Wood PLC
Alice Chow	YP Liaison (OWWA)	AECOM
Noshin Hashim	YP Liaison (WEAO)	WORLDiscoveries
John Duong	Member (WEAO)	Halton Region Climate Change Researcher, MIRARCO/Laurentian University, Ontario Centre for Climate Impacts and Adaptation Resources (OCCIAR)
Suzanne Perdeaux	Member	City of Toronto
Praneeta Moti	Member (WEAO)	Ministry of the Environment and Climate Change, Environmental Approvals Branch
Carolyn Lee	Member (WEAO)	Adjunct Professor, Brock University
Jyoti Upadhyaya	Member (WEAO)	Pure Technologies Limited
Mike Garaci	Member	Guelph/Eramosa Township Water Consortium (SOWC)
Aaron Chase	Member (OWWA)	Industry Partnership Manager, Southern Ontario
Rahim Kanji	Member (WEAO)	InnServices Utilities Inc.
Karel Kamerman	Member (OWWA)	R.J. Burnside International Limited
Rui DeCarvalho	Member	Water/Wastewater Operations Manager Middlesex
Paul Zuberbuhler	Member	
Kyle Murray	Member (WEAO) Rep: CSA Task Force for Climate Change Adaptation Standard	City of London

2017 Activities

- Committee re-started after 1-2 year dormancy.
- Terms of reference revisited and updated.
- Renewed past committee memberships and recruited several new members, including YP Liaisons from both OWWA and WEAO and representation from two industry working groups.
- Held a sold out seminar entitled "Climate Change and Infrastructure Design: Hitting a Moving Target".
- Supported the Government Affairs committee in response to EBR on climate change policy.

Goals

- 1. Reach and engage WEAO/OWWA membership with meaningful content on water/wastewater/stormwater Climate Change topics through:**
 - Increase attendance at seminar over 2017 attendance by having a larger venue.
 - Develop approach for Councilor recruitment for attendance at seminars.
 - Recruit papers for 2019 WEAO and OWWA conferences to support a Climate Change session at each.
- 2. Improve Committee membership experience by:**
 - Identifying key committee roles and inviting leadership contributions from committee members.
 - Work with WEAO staff to have complete committee membership listed on committee webpage, including OWWA members.
 - Invite update and provide review of MOU for OWWA/WEAO joint committee.
- 3. Continue to provide input on relevant industry content:**
 - Review and comment on: CSA s900.1 Climate change adaptation for wastewater treatment plants.
 - Other opportunities that arise.

2018 Activities

- Committee Seminar – October 23, 2018 (Note: OWWA will manage the booking).

COLLECTION AND CONVEYANCE SYSTEMS COMMITTEE 2017 ANNUAL REPORT

Mandate

Provide opportunities to exchange knowledge and information pertaining to the analysis, planning, design, construction, operation, maintenance and management of wastewater and storm water collection and conveyance systems.

Committee Members

The Collection Systems and Conveyance Committee consists of 21 active, and 2 associate members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Dave Eadie	Committee Chair	Stantec Consulting Ltd.
Jega Jeganathan	Vice Chair	The Municipal Infrastructure Group
Adrien Comeau	WEF Liaison	Stantec Consulting Ltd.
Matthew Ballaban	Member	GM BluePlan
Jeanne Thomsen	Member	Region of Peel
Sue Noble	Member	GM BluePlan
Paul Imm	Member	Ontario Concrete Pipe Association
Harshad Shetye	Member	WSP
Mark Stirrup	Member	Hatch
Larry Thompson	Member	Thompson Flow Investigations Inc.
Nahed Ghbn	Member	City of Brantford
Ajay Puri	Member	Region of Peel
Anthony Abbruscato	Member	Lancorp Construction Co. Ltd.
Arun Hindupur	Member	City of Guelph
Jason Alexander	Member	City of Cambridge
Dan Ferguson	Member	Walter Fedy
Anthony Parente	Member	Region of Peel
Michael Iampietro	Member	York Region
Lijing Xu	Member	City of Markham
Farshad Salezhadeh	Member	Cole Engineering
Robert Muir	Member	City of Markham
Grace Lin	Associate Member	City of Toronto

2017 Activities

- Our committee hosted four half-day sessions at the WEAO Annual Conference addressing design, operation and maintenance of collection systems, along with wet weather flow and storm water best practices.
- Recognized the accomplishments of Dave Eadie through the presentation of the Golden Manhole Award at the 2017 Annual Conference. The Golden Manhole Award is a WEF award that recognizes the work of individuals in the area of collection systems and their involvement in the WEAO.
- Our Specialty Workshop took place on October 18, 2017 at the Mississauga Grand Banquet Hall in Mississauga, Ontario. The one-day workshop was well attended with 43 registered guests interested in learning from guest speakers showcasing their recent projects and initiatives related to this year's theme – Rainfall and Sewer Flow Monitoring Programs. The Workshop brought the perspectives of planners, owners, engineers and equipment providers together, and made for an excellent series of presentations and thought-provoking discussions.
- Jega Jeganathan prepared an article for the WEAO Influent Magazine, summarizing the fall collection system workshop.
- The committee was asked to officially participate on the MOECC Stakeholder Review Group (SRG) for the Low Impact Development (LID) Draft Guidance Manual. Led by Rob Muir and in consultation with Edgar Tovilla of the Government Affairs Committee, we provided written comments to the 1st draft of the document in 2017, and attended one SRG meeting.
- Collections was also circulated on the Green Communities Canada initiative to improve urban flood resiliency throughout Ontario, and has been asked to provide technical input in 2018.
- Harshad Shetye and Dave Eadie commenced participating with the WEF Collections Committee and their Modeling Technical Practice Group (TPG) Review Team, through providing comments on the UK's Chartered Institution of Water and Environmental Management's (CIWEM) Urban Drainage Group's draft publication "Code of Practice for the Hydraulic Modelling of Urban Drainage Systems" (Sept. 12, 2017). Harshad participated in two Modeling TPG calls.
- Three new members joined the Committee in 2017: Farshad Salezhadeh, Lijing Xu and Rob Muir.
- Three members left the Committee in 2017: Nancy Afonso, Christine Hill and Barbara Robinson.
- Jega Jeganathan is the incoming Chair; recruitment for Vice Chair has commenced.

Goals

1. Membership Growth and Participation

Improve Succession Planning and volunteerism; actively solicit new volunteers to replace long-standing members who cannot continue to commit their time.

Work with the Young Professionals committee to migrate interested YPs to CSC.

2. Advocating for the Collection Systems Industry

Contribute technical input/guidance on behalf of the Collection and Conveyance Systems industry, through participation in formal review of guidance manuals, documents and/or policy statements as opportunities allow.

Be the voice for the municipal collection system industry.

3. Networking and Social Interaction

Increase attendance in person at our five CSC meetings.

Increase inter-committee engagement/communications, to seek out collaboration opportunities.

Provide Collection Systems presence at external agency technical events.

Better integrate with the WEF Collection Systems Committee members/initiatives.

2018 Activities

- Attracting new volunteers and increasing engagement between Committee Chairs.
- Continue providing technical input / guidance to on-going MOECC LID Guidance document initiatives, and the Green Communities Canada Urban Flooding Collective.
- Increasing awareness of CSC through sustained proactive advertising.
- Fall Technical Workshop planned for October 17, 2018.
- Investigate facility tour opportunities in 2018 in cooperation with the YP and other committees, looking to provide the Collection and Conveyance Systems perspective.
- Continue supporting the WEF Collections Modelling Technical Practice Group initiatives in 2018, and further develop a similar Ontario-based subcommittee.
- Contributing content to the WEF Collection Systems MEA publication.
- Energizing each of our five 2018 Collections Committee Meetings.

CONFERENCE COMMITTEE 2017 ANNUAL REPORT

Mandate

Committee Members

The Conference Committee consists of 17 active members:

<u>Name</u>	<u>Role</u>
Geoff Totten	Conference Chair
Bram Bontje	Technical Program/Proceedings
Max Rao	Local Arrangements
John Duong	Conference Brochure & Pocket Program
Richard Szigeti	Audio Visual
Merry Dang	Awards Luncheon/5S/Banquet Programs/Keynote Speaker
Heather Tyrrell	Operators Certification Exams/Sponsorship
<u>Nancy Afonso</u>	Gifts (Speakers & Session Chair)
Arke Marketing	Marketing/Promotions/Media Relations
Emily Prowse	YP/Volunteers
Stephen Romano	YP/Volunteers
Marcus Henderson	OPCEA exhibition
Brian McKerral	OPCEA exhibition
Hany Jadaa	Ops challenge/PWO Program/TWG show
Kyle Murray	Signs and banners
Tony Petrucci	Water for people Canada Liaison
Erin Longworth	NEW – AWARDS

2017 Activities

- Begin planning and coordination for the 2018 WEAO Conference & OPCEA exhibition (April 15-17)
- Evaluate conference locations for 2019

Goals

1. Host a successful WEAO Conference.
2. Implement New Conference App.
3. Secure location for 2019 WEAO conference.
4. Meet revenue target of \$165,000

2018 Activities

- WEAO Conference – April 15-17.

GOVERNMENT AFFAIRS COMMITTEE 2017 ANNUAL REPORT

Mandate

The Government Affairs Committee (GAC) shall monitor and review existing and proposed legislation, regulation, and policies in the environmental field with specific emphasis on water, wastewater, and stormwater-related issues and disseminate pertinent information to WEAO members. The Committee shall develop appropriate written materials and advise the WEAO Board and Membership on these matters. The Committee shall assist other WEAO committees for seminars and other special meetings involving government affairs as appropriate.

Committee Members

The Government Affairs Committee consists of 13 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Edgar Tovilla	Chair	Region of Peel
Susan Atlin	Member	City of Toronto
Gary Burrows	Member	City of London
Richard Butler	Member	Willms & Shier
Sangeeta Chopra	Member	OCWA
Rosanna DiLabio	Member	Pinchin Ltd.
Dave Evans	Member	RV Anderson
Brian Gage	Member	Aqua Technical Sales Inc
Marcus Henderson	Member	KSB Canada
Leigh McDermott	Member	Region of Waterloo
Frank Quarisa	Member	City of Toronto
Cordell Samuels	Member	Cole Engineering
Phil Sidhwa	Member	Orthotec

2017 Activities

- Committee re-started after 5 year dormancy.
- Terms of reference revisited, updated, and approved by WEAO Board.
- Renewed past committee memberships and recruited several new members, including representation from municipal, consultant, equipment supplier, and provincial groups.
- Held a Kick-off meeting on June 14, 2017.
- Established quarterly meetings, and held the 1st Quarterly meeting on October 11, 2017.
- Reviewed policy issues affecting industry and prepared the following EBR letters:

- MOECC Draft Lake Erie Phosphorus Reduction – May 18, 2017
- MOECC Draft LID Manual – December 21, 2017
- Prepared WEAO Influent articles to inform membership on:
 - Fall 2017 – Re-establishment of the GAC.
 - Fall 2017 – Reducing Phosphorus on Lake Erie – WEAO’s comments to the MOECC.

Goals

1. Reach to WEAO committee chairs to establish a communication protocol for addressing policy issues.
2. Participate at the MOECC-WEAO-OWWA-OMWA Executive meetings.
3. Participate as WEAO Board representative at the OCSI.
4. Work with GAC member to:
 - Evaluate alternatives for communication strategies at provincial level.
 - Identify legislative liaisons for consultation purposes.
 - Identify YP representative
 - Establish committee structure and succession plan.
 - Expand GAC members and establish an advisory group protocol

2018 Activities

- Quarterly meetings
- Issues to address:
 - Draft LID Manual.
 - Lake Erie – Phosphorus Reduction plan.
 - Climate change adaptation.
 - New role for Conservation Authorities on Transfer of Review.
 - Waste Free Ontario Act.
 - Lake Ontario-specific issues related to the Great Lakes Water Quality Agreement, and the Lakewide Action and Management Plans (LAMPS).

MAGAZINE COMMITTEE 2017 ANNUAL REPORT

Mandate

The Magazine Committee is responsible for producing the quarterly INFLUENTS magazine.

The purpose of INFLUENTS is:

1. To act as a conduit for Association News
2. To cover technical topics of interest to the Associations Members
3. To raise the profile of the Association among non-members
4. To earn revenue for the Association

Committee Members

The Magazine Committee consists of 20 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Gustavo Arvizu M.Eng, P.Eng.		WSP
Preya Balgobin P.Eng.		Ainley Group
Jose Bicudo Ph.D., PE.		Region of Waterloo
Gary Burrows	Board Liaison, PWO	City of London
Alexandra Chan, P.Eng.		Dillion Consulting Ltd.
Rachel Chow, P.Eng.	YP Liason	Aecom
Emil Cocirla, B.Sc.		Can-Am Instruments Ltd.
Pat Coleman, Ph.D., P.Eng.		Black & Veatch Canada
Christine Hanlon	Publisher	Craig Kelman & Associates
Greg Jackson		ACG Technology
Natasha Jansen, P.Eng.	Chair	Toronto Water
Robert Lee	OPCEA Liason	CENTRAMIX
Paul McLennan, P.Eng.		GM BluePlan
Cynthia Nwabuokei		University of Toronto
Leila Tootchi		Stantec
Brian Topp, P.Eng.		Xylem Inc.
Edgardo Tovilla, M.Sc., P.Eng.		Region of Peel
Heather Tyrrell	WEAO Staff	WEAO
Tonia Van Dyk		C&M Environmental Technologies Inc.
Laura Verhaeghe P.Eng.		GM BluePlan

2017 Activities

- The committee published four issues of the Magazine:
 - Spring 2017 – Membrane Bioreactors
 - Summer 2017 – The Great Lakes, Part 1: Current Issues
 - Fall 2017 – The Great Lakes, Part 2: Future Regulations
 - Winter 2017 – What Every Wastewater Professional Should Know
- The total revenue to WEAO was \$37,264. This is a 15% increase over 2016 revenue.
- The issues included a total of:
 - 30 technical theme articles;
 - 20 articles by Young Professionals;
 - 17 articles or advertisements from WEAO committees, plus the conference preview and recap; and
 - Many other high quality pieces!
- The committee held our first online-only survey to select the issue themes for the 2018-2019 year. We offered an incentive of \$1 per survey respondent to be donated to Water for People Canada. We had a total of 70 respondents, which is a 350% increase from the 2016 survey.
- The committee actively sought to interview operators from outside of the regions we have typically included. This year we were able to add Leamington and St. Thomas, Ontario to our utilities represented.

Goals

1. We would like to bring some new faces to the committee in 2017 to keep ideas fresh and to help with succession planning. This allows us to meet the WEAO objective to improve the integration of WEAO Young Professionals in all WEAO activities and programs as well as welcome intermediate and seasoned professionals with an interest in the publication.
2. WEAO and the Committee will aim to rebuild our mailing lists to ensure the magazine is getting in the hands of relevant non-members to help build up the profile of the magazine, to help with advertising sales, and raise the profile of the association.
3. A new, decentralized committee structure has been proposed. This new structure will help distribute the committee work more effectively and assist in succession planning. The committee will implement this new structure after the 2018 conference.

2018 Activities

- Publish 4 issues of the magazine: Summer: Barriers to Innovation, Fall: Game changing Technologies, Winter: Effluent Reuse, Spring 2019: TBD

Acknowledgements

The Chair would like to acknowledge Brian Topp of Xylem Inc., who is stepping down from the committee at this time. He was a member for several years and his contributions to issue planning were particularly valued.

The Chair would also like to recognize our liaisons, including Gary Burrows (WEAO Board, PWO), Rachel Chow (YP) and Robert Lee (OPCEA), who represented their respective groups well and provided valued input and content. In addition to her direct work on this committee, Rachel Chow leads the YP Magazine Subcommittee which consists of the following members:

- Carolyn Chan, GM BluePlan
- Dawn Riekenbrauck, ASI Water,
- Jerdon Small Phillips, Municipality of Middlesex Centre
- Nigel D'Souza, Anaergia Inc.
- Simon Glass

The employees of Craig Kelman & Associates provided us with excellent service and really are part of our team in handling all the advertising sales, typesetting, printing, and mailing, as well providing helpful suggestions on how to improve.

The Chair must also thank all the authors who provide their high quality content to the publication free of charge.

Finally, we must mention the support the WEAO staff Heather Tyrrell and Jennifer Morales who give us the tools and support we couldn't exist without.

OPERATIONS CHALLENGE COMMITTEE 2017 ANNUAL REPORT

Mandate

The Operations Challenge Committee (**OCC**) has the primary role of developing, conducting and promoting activities that demonstrate and enhance the skills and knowledge of wastewater operators and other professionals in the wastewater industry. There are five competitions that take place under our committee; they are designed to test the diverse skills required for operating and maintaining wastewater treatment plants and their collection systems, inclusive of laboratory testing and safety practices, all of which are critical for safely and successfully operating wastewater facilities, as well as being vital to the protection of public health and the environment.

Our committee also serves as an organizer for the Professional Wastewater Operator (**PWO**) Tour and Technical Session as well as the Totally Wasted Game Show.

Committee Members

The Operations Challenge Committee consists of 12 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Hany G. Jadaa	Committee Chair & Process Challenge Event Coordinator	LEXICON Environmental Consulting Services Inc
Jeff Johnson	Pump Maintenance Challenge Event Coordinator	ASL Roteq
Paul Howard	Collection Challenge Event Coordinator	City of London
Barry Hughes	Safety Challenge Event Coordinator	Durham Region
Ray Davis	Safety Challenge Event Assistant Coordinator	Durham Region
Krista Thomas	Laboratory Challenge Event Coordinator	City of Peterborough
Kent Keeling	Laboratory Challenge Event Assistant Coordinator	City of Peterborough
Carrie Brunet	Past Chair & PWO Tour Coordinator	Region of Niagara
Dawn Riekenbrauck	PWO Technical Session & Totally Wasted Game Show Coordinator	ASI Water
Gary Burrows	Gifts & Awards Coordinator	City of London
Ian Smith	Media Relations	Retiree (City of Toronto)

The Committee also welcomes the contribution from Mr. *Spencer Snowling* from Hydromantis and their assistance in setting-up the simulation portion of the Process Challenge Event.

2017 Activities

The Committee continues to promote the Operations Challenge through various activities, including person-to-person contact and conducting presentations with various municipalities and cities across Ontario. As a result, so far this year we are proud to announce the participation of 8 teams, a first in many years. This year we welcome our newest team from the City of Windsor.

The Committee will also be discussing various initiatives to raise our profile and attract teams from the US to participate in our events, something that we look forward to in 2019.

Goals

One of our goals is also to ensure that all information relevant to the Operations Challenge will be easily accessible on the WEAO website to everyone wishing to participate in the various events. This would be to include all procedures, rules, set-up requirements, equipment requirements, etc. as well as tour information and a list of frequently asked questions and answers.

Regarding the tour, registered participants this year will be touring *StormFisher* in London. The company provides disposal services to waste haulers and food production facilities across Ontario, and produce biogas from the conversion of organic waste material into renewable energy and organic-based fertilizer.

Board members will be kept abreast of progress on various goals and initiatives as they occur.

2018 Activities

Finally, our Committee members remain unchanged from last year, with Hany Jadaa to remain as Committee Chair for 2019. We continue to connect with other like-minded professionals in the industry and scout additional individuals to act as future members. Succession planning will be on our agenda following the 2018 Conference.

On behalf of WEAO, I would like to extend my sincere thanks to everyone on our Committee and their respective employers; their continuous support and devotion to the Operations Challenge Competitions are deeply appreciated.

PROFESSIONAL WASTEWATER OPERATORS (PWO) COMMITTEE 2017 ANNUAL REPORT

Mandate

The Professional Wastewater Operators Committee addresses the needs and concerns of operators in Ontario who work in the hands-on operations, analysis, and maintenance of Wastewater Facilities.

Committee Members

The PWO Committee consists of 1 Board Representative:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Gary Burrows	Board Representative	City of London

2017 Activities

Operator Certification Working Group (OCWG):

The OCWG was established to ensure that certification program decisions are considered and there is a forum for discussion with stakeholders. This forum provides stakeholders with an opportunity to raise issues as well as understand the Ministry's program objectives and priorities. Under the terms of reference Association representatives are representing the interest of WEAO members and not their individual work places. With this in mind WEAO selects representatives from across the province. Currently WEAO has the following four representatives:

- Gary Burrows City of London;
- Dave Dutchak City of Thunder Bay;
- Todd Harvey Town of Deseronto; &
- Rick Niesink Niagara Region.

The OCWG met in March and September in 2017.

Overall Responsible Operator (ORO) Discussion Group

The MOECC put a call out for stakeholders to participate in the role of the ORO and challenges related to hiring and retaining OROs. Members of WEAO were invited to participate in these discussions in April and September of 2016. This has been an ongoing process and most recently in late 2017 the MOECC sent out draft guidelines for ORO with requests for comments from the working group which were supplied.

PWO Technical Session at the Annual Conference

Special thanks to Dawn Riekenbrauck and Hany Jaada for their leadership in the PWO Technical Session held at the WEAO conference.

Goals

1. Continue to maintain and address the needs of wastewater operators in Ontario.

2018 Activities

- Continuation of support for the Operations Challenge
- Continued participation in the Conference Technical Sessions



For information: pwo@weacommittee.org

PROMOTION AND EVENT PLANNING (PEP) COMMITTEE 2017 ANNUAL REPORT

Mandate

We plan, organize and promote the WEAO's events, social forums and activities so that our members can meet and network.

Committee Members

The Promotion and Events Planning Committee consists of 5 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Tonia Van Dyk	Chair	C & M Environmental Technologies Inc.
Frank Scriver	WEAO Board Liaison	Flottweg Separation Technology Canada
Garry O'Donnell	Member	KGO Group Ltd.
Nick Pecoskie	Member	Indachem Inc.
Mike Newbigging	Member	Jacobs (CH2M)

2017 Activities

- WEAO Golf Tournament, held August 25, 2017 at Royal Ontario Golf Club in Milton, ON. 90 golfers attended. Attendance is down from past years, however the golf course was able to accommodate the lower number of golfers without financial penalty to WEAO. Also despite the lower attendance, the event produced a net income of \$3233.
- Great Canadian Icebreaker at WEFTEC in Chicago, October 2, 2017 at D4 Irish Pub. The format and time of the event were changed this year in an effort to maintain attendance. The format was changed to more of a drop in event on the Sunday afternoon and early evening of WEFTEC, rather than the Saturday evening. The event was well attended, with 200 attendees. The event made \$12485.

Goals

1. To plan and schedule events that promote WEAO membership, maintaining or increasing attendance over last year's events.
2. To liaise with the Young Professionals committee for the various WEAO events throughout the year.

2018 Activities

- WEAO Golf Tournament - we would like to maintain or increase attendance by lowering ticket prices, making it more affordable for individuals to attend. Feedback from the 2017 tournament was that many people were away on vacation for the date of the

tournament. We're also looking at moving the date back the second week of September, again to hopefully increase attendance.

- Great Canadian Icebreaker, WEFTEC New Orleans – due to the success of the event last year, as well as feedback from attendees, we're planning a similar drop-in event in a local restaurant or bar for the Sunday afternoon/early evening. We would also like to involve the other Canadian WEF MAs in the advertising of the event.

PUBLIC EDUCATION COMMITTEE 2017 ANNUAL REPORT

Mandate

Conduct initiatives to foster public awareness and education related to the water environment and increase the profile of WEAO as an excellent source of technical information.

Committee Members

The Public Education Committee consists of 7 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Cindy Toth	Committee Chair	Town of Oakville
Pat Coleman	Member	Black & Veatch
Dean Iamarino	Board Liaison	Region of Halton
Bahareh Karami	Member/YP Liaison	Black & Veatch
Ian McIlwham	Member	Region of Durham
Lynne MacLennan	Member	Jacobs CH2M
Priya Persaud	Member	City of Brantford

2017 Activities

- Supported 2017 Utility Management Forum
- Niagara Science and Engineering Fair 2017 WEAO Award judged and presented
- Peterborough Regional Science Fair 2017 WEAO Award presented
- Toronto Science Fair 2017 WEAO Award judged and presented (first time)
- Several articles prepared for INFLUENTS on Science Fair participation and another topic
- C. Toth participated on 2017 Canadian Stockholm Junior Water Prize (CSJWP) National Organizing Committee (NOC) as WEAO's representative. Served as Chief Judge. Ian McIlwham served as Reporter of judging activities. John Presta and Jeremy Kraemer served on the panel of judges. Klas Ohman, WCWEA was the NOC representative travelling to Stockholm with the Canadian student to the Stockholm Junior Water Prize competition.

Goals

1. Develop sustainability plan for Committee.
2. Create achievable 2018 work plan and budget (completed).
3. Continue and grow successful initiatives and develop additional initiatives for educational outreach to schools, educators, students, public and WEAO membership.
4. Raise profile of Committee with WEAO members.
5. Liaise with other WEAO Committees and support their public education initiatives.

2018 Activities

- WEAO Award support at the Niagara Regional Science and Engineering Fair, Peterborough Regional Science Fair and Toronto Science Fair (underway).
- Continue exploring option to participate in Bay Area Science & Engineering Fair.
- Prepare articles related to mandate and initiatives for INFLUENTS.
- Investigate opportunities for new initiatives, e.g. World Water Monitoring Day.
- Support Annual Conference in 2019 with Public Education session.

RESIDUALS AND BIOSOLIDS COMMITTEE 2017 ANNUAL REPORT

Mandate

Residuals and Biosolids Committee has been created to work with the provincial government, other political jurisdictions and pertinent associations to promote discussions, information exchange, education and best management practices on residuals and biosolids processing and beneficial reuses. As water quality professionals, our mission is to promote responsible and sustainable residuals and biosolids management practices that protect public health and the environment.

Committee Members

The Residuals and Biosolids Committee consists of 21 active, and 2 associate members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Adriana Hulse		City of Ottawa
Ajay Singh		Lystek International Inc.
Alternate: Mike Dougherty		
Banu Ormeci		Carleton University
Benoit Lebeau		Ontario Ministry of Agriculture and Food and Rural Affairs
Dean Iamarino	Board Liaison	Region of Halton
Don Ford		Oxford County
Mark Janiec		Terratec Environmental Ltd
Geoff Boyd		Walker Environmental
Irwin Osinga		3G-JP2G
José Bicudo	Chair & Committee Chair Liaison)	Region of Waterloo
Joshua Ranger		RV Anderson Associates Ltd.
Paul Taylor		Bio-En Power Inc
Phil Sidhwa	Govt. Affairs Liaison	President, Orgatec Energy Inc.
Lisa Ross		MOECC – SWR Divisional Program Specialist
Sangeeta Chopra	Chair	Ontario Clean Water Agency
Shelly Bonte-Gelok	Past Chair	Ontario Ministry of Environment and Climate Change

Tihamer Csiba		Dillon Consulting Ltd.
Nancy Liu (Vice Chair)		Associated Engineering
Praneeta Moti		City of Toronto
Nancy Afonso		City of Toronto
Sarah Mason-Renton		Western University
Hailin Wang	WWT&T Liaison	ETO Engineering

2017 Activities

- R&B Seminar - Managing Biosolids from Small Facilities - Successes and Challenges.
- Proposal for WEAO Research and Education Fund approved by WEAO Board.
- Proposal for WEAO Grade 7 Biosolids Curriculum Program Module approved by WEAO Board.
- Articles for INFLUENTS:
 - What Every Wastewater Professional Should Know (about Biosolids)
 - Residuals and Biosolids Fall Seminar Article

Goals

1. Execute WEAO Research Funding program. Education Funding program to be developed with WEAO Public Education committee.
2. Execute WEAO Grade 7 Biosolids Curriculum Program Module.
3. Review opportunity to improve WEAO website with relevant RnB resources and information.

2018 Activities

- Residuals & Biosolids Fall Seminar.
- Potential collaboration with WT&T Subcommittee entitled “Energy and Resource Management Committee” on a joint seminar.

UTILITY MANAGEMENT COMMITTEE 2017 ANNUAL REPORT

Mandate

Our mandate is to hold a Utility Management Forum (UMF) each year for senior and middle managers of water / wastewater utilities in Ontario to facilitate brainstorming, sharing of best practices and discussion of potential strategies around some of the common issues that affect them in their day to day operations and decision making; issues that are similar across many municipalities.

Committee Members

The Utility Management Committee consists of 21 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Bill Serjeantsen	Chair	Cole Engineering
Cordell Samuels	Vice Chair	Cole Engineering
Vanessa Chau	Member	City of Brampton
Simon Hopton	Member	Region of Peel
William Fernandes	Member	City of Toronto
Rob Anderson	Member	C&M Environmental Technologies
Chris Manzon	Member	City of Windsor
Trevor Brown	Member	Region of Waterloo
Curtis Ching	Member	York Region
Nitti Suramaniam	Member	Region of Halton
John Presta	Member	Region of Durham
Michele Grenier	Member	OWWA
Krista Turco	Member	Cole Engineering
Alicia Fraser	Member	OCWA
Tammy Bellamy	Member	Region of Waterloo
Peter Busatto	Member	City of Guelph
Cindy Toth	Member	Town of Oakville
Clinton Reynolds	member	York Region
Dmitry Maznichenko	Member	Pure Technologies Limited

2017 Activities

Utility Management Forum was held on October 24, 2017. The UMF was held on October 24, 2017. There were over 100 attendees from several municipalities in attendance and the event and committee activities for the year generated approximately \$8,000.00 in net income.

Goals

Organize a Forum to meet the mandate and which encourages discussion and suggested solutions for Ontario Utility Managers drawing from experiences both in Ontario, the rest of Canada and abroad.

2018 Activities

- Hold meetings to discuss issues affecting municipalities which can be addressed at the 2018 UMF.
- Organize and present the 2018 UMF to be hosted by Peel Region at a location and date to be determined.

WASTEWATER TREATMENT & TECHNOLOGIES COMMITTEE 2017 ANNUAL REPORT

Mandate

The Wastewater Treatment and Technologies committee provides an opportunity for sharing information on wastewater treatment technology through its member's involvement in WEAO seminars, workshops, and the Annual Conference. It is responsible for working with Government Agencies and other technical associations to promote well-informed planning and policy decisions related to wastewater treatment.

Committee Members

The Wastewater Treatment & Technologies Committee consists of 28 active, and 11 associate members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Ahmed Badia	Member	Student – Western University
Alireza Shamshiri	Member	Durham Region
Antony Aruldoss	Member	AECOM
Carla Fernandes	Member	WSP
Chandra Baker	Chair	Halton Region
Dean Rudd	Member	Endress Hauser
Ed Broeders	Member	H2Flow
Emily Zegers	Co-Chair	City of Toronto
Hailin Wang	Member	ETO Engineering
Hank Andres	Member	OCWA
Harpreet Rai	Member	<i>R. V. Anderson Associates Limited</i>
Heather Brewer	Member	GHD
Jeremy Kraemer	Member	Jacobs CH2M
Jesse Cheng	Member, Energy Subcommittee Chair	City of Toronto
Kyle Getty	Member	Plan Group
Oliver Schraa	Member	InCtrl
Laura Seaman	Member	Jacobs CH2M
Mark Knight	Member, Industrial Subcommittee Chair	<i>Suez Water Technologies and Solutions</i>
Matt McMahon	Member	MOCEE
Michael Mark	Member	MYM Consulting Services

Mike Newbigging	Member	Jacobs CH2M
Mike Thomson	Past Chair	Dillon Consulting
Revathy Vattukkalathil	Member	City of Toronto
Salvador Escobedo	YP Liaison	
Shirley Anne Smyth	Board Liaison	Environment Canada
Vlad Petran	Member	City of Toronto
Youssouf Kalogo	Member	MOECC
Zhifei Hu	Member	Black and Veatch
Brian Gage	Associate Member	Aqua Technical Sales
Hongde Zhou	Associate Member	University of Guelph
James Lunn	Associate Member	AECOM
Jianrong Liu	Associate Member	ETO Engineering
Kenny Ching	Associate Member	City of Toronto
Marek Krynski	Associate Member	Durham Region
Tim Constantine	Associate Member	Jacobs CH2M
Troy Briggs	Associate Member	CIMA+
Val Saknenko	Associate Member	<i>R. V. Anderson Associates Limited</i>
Voitek Kozakiewicz	Associate Member	City of Toronto
Wayne Parker	Associate Member	University of Waterloo

2017 Activities

- Joint Seminar Collection – Co-ordinated with Collection Committee.
- Established Energy Subcommittee – increased industrial presence at conference.
- Joint Seminar Energy Optimization – Co-ordinated with YP Committee. Net profit \$7600.
- Intelligent Data Systems Seminar – Net profit \$15,661, 70 attendees and 8 vendors.

Goals

1. Kick off meeting for Energy and Resource Recovery Committee. Work with Residuals and Biosolids Committee on a joint seminar.
2. Establish Committee membership roles and responsibilities and ensure balanced group represents Consultants, Municipalities, Vendors, and Academics. Establish role of Associate members to the committee.

3. Propose changes to 2019 Technical Sessions to include workshop sessions on predetermined topics (Energy and Resource Recovery, Innovation, Data, Industrial). Details to be discussed in the future.
4. Ensure a list of alternate papers were chosen to help fill in presentations at the conference. Six papers were chosen and two have been used to backfill the open spots. Recommendations to bring this forward to all chairs to consider for 2019 conference.

2018 Activities

- Microbiology Seminar March 28th – Ashbridges WWTP, expect full seminar of 30 participants.
- Fall Seminar – Still to be determined after the next meeting.
- Coordinated Seminar/Workshop with Residuals and Biosolids with Energy Subcommittee – Co-digestion and other energy opportunities.

WATER FOR PEOPLE CANADA COMMITTEE 2017 ANNUAL REPORT

Mandate

Water for People Canada is a charitable, non-profit, international humanitarian organization dedicated to the development and delivery of clean, safe water and sanitation solutions in developing nations. It is the Canadian equivalent of the U.S.-based charity, Water For People (WFP). Canadian water industry professionals established WFPC in 1995, to support and promote the mission of WFP in Canada among the public and the water community. Since its founding in 1995, WFPC has sponsored countless programs benefiting the most marginalized people, particularly women and children in Bolivia, Honduras, Guatemala, Malawi and Peru.

The WFPC Committee that is responsible for fundraising, outreach, and public education activities within the water environment industry and the community at large. Our efforts are aimed at providing much needed financial support and creating awareness of the wonderful programs either in progress or to begin soon in the areas where WFP works across Latin America, Africa and Asia.

Committee Members

The Water For People Canada Committee consists of 8 active members:

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Don Hoekstra	Advisor	Ontario Clean Water Agency
Rahim Kanji	Chair	Southern Ontario Water Consortium
Noshin Hashim	Co-Chair	WorldDiscoveries
Cristina Lugo	Member	Ontario Clean Water Agency
John Presta	Member	Durham Region
Sahra Shojaei	Member	Ryerson University
Indra Maharjan	Member	Ontario Clean Water Agency
Christina Cholkan	Member	Cole Engineering

2017 Activities

- Committee membership rebuilding and recruiting.
- Creation of new committee Terms of Reference.
- Initiation of review and renewal of WEAO – WFPC MOU.
- Initiation of WEAO – WFPC Memorandum of Understanding review and renewal.
- Develop committee working groups around strategic and sustainability planning and event planning/organization.
- Initiation of developing a committee strategic and sustainability plan, including enhancing of strategic partnerships and overall communications.
- WEAO Annual Conference raffle draw table.

- Annual evening fundraiser dinner and music.

-

Goals

1. Strategic Planning

- Work on developing a 'living' committee sustainability plan document that can be used for future strategic growth and planning.
- Focus on working with existing corporate supporters of the WEAO WFPC committee to maximize value to the donors and WFPC.
- Develop and begin execution of new action plan to grow base of municipal and corporate donors to WFPC.

2. Awareness Building

- Advocate on behalf of WFPC to raise awareness of the organization and its activities.
- Promote the WEAO WFP committee to grow volunteer and donor base.
- Discover and develop new communication and marketing channels, including social media.
- Leverage opportunities for collaboration with other WFPC committees and/or other clean water not-for-profits.

3. Activities and Events

- Set a fundraising goal for WEAO WFPC committee to \$15,000 for the year (from previous \$10,000), to be aligned with WFPC fundraising targets and goals.
- Explore possibility of increasing exposure of WFPC through other conferences, events, or seminars throughout the year
- Explore possibility and need of adding one more large fundraising event

2018 Activities

- WEAO Annual Conference raffle draw table.
- Annual fundraising dinner and music event on Monday April 16th.
- Support annual golf tournament.

YOUNG PROFESSIONALS COMMITTEE 2017 ANNUAL REPORT

Mandate

To cultivate and connect the future leaders of our industry.

Committee Members

The YP Committee consists of 51 members. Many of our members hold multiple roles within the committee and only their primary role is indicated.

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Chantelle Bazowsky	Committee Chair	Terratec Environmental
Graham Seggewiss	Committee Vice Chair	MTE Consulting
Cristina Lugo	Committee Treasurer/Mentorship Lead	OCWA
Dawn Riekenbrauck	Communications	ASI Group
Stephanie Choo-Wing	Communications	YP
Emily Irwin (Prowse)	Conference Lead	City of Toronto
Stephen Romano	Conference Lead	AECOM
John Devlin	Conference	ACG Technology
Salvador Escobar	Conference	University of Western Ontario
Priya Persaud	Conference	City of Brantford
Jaehoon Ya	Conference	University of Toronto
Rachel Chow	Magazine Lead	AECOM
Nigel D'Souza	Magazine	Anaergia
Carolyn Chan	Magazine	GM BluePlan
Jerdon Small Phillips	Magazine	YP
Simon Glass	Magazine	Ainley Group
Tony Tsui	Mentorship	City of Toronto
Francesca Fernandes	Mentorship	YP
Keerthi Jothi	Mentorship	Industrial Technical Solutions
Tanin Amerian	Professional Development Lead	University of Toronto
Aleah Henry	Professional Development Lead	Cole Engineering
Sara Sadraddini	Professional Development	GM BluePlan
Phil Spencer	Professional Development	RV Anderson

Justin Zaporzan	Professional Development	WSP
Sandy Naime	Professional Development	GM BluePlan
Maria Benitez	Professional Development	GeoPro Consulting Limited
Sahra Shojaei	Professional Development	University of Toronto
Nishil Mohammed	Professional Development	University of Waterloo
Lizanne Pharand	Scholarship Lead	HATCH
Stephanie Tran	Scholarship	RV Anderson
Amy Langford	Student Chapters Lead	CIMA+
Ryan Boone	Student Chapters	RV Anderson
Valens Nicholson	Student Chapters	Town of New Tecumseth
Jordan Smyth	Student Chapters	CH2M
Sean Arscott	Student Chapters	Gowing Contractors
Jin Cao	Student Design Competition Lead	OCWA
Newsha Roshani	Student Design Competition	RV Anderson
Linda Li	Student Design Competition	Dillon Consulting
Justin Sim	Student Design Competition	RV Anderson
Peter Davey	Social Events Lead	ES&E Magazine
Michael Liu	Social Events	Black & Veatch
Victoria Chennette	Social Events	GM BluePlan
Victoria Zhao	Social Events	Flow Water
Alexandra Chan	Social Events	Dillon Consulting
Hedieh Hashtroudi	Social Events	YP
Shayan Yaghoubi	Social Events	HATCH
Noshin Hashim	Climate Change Liaison	WORLDiscoveries
Bahareh Karami	Public Education Liaison	Black & Veatch
Dmitry Maznichenko	Utility Management Liaison	Puretech Ltd.
Revathy Vattukkalathil	WWT&T Liaison	City of Toronto
Rinita Banerjee	OPWA Liaison	TMIG

2017 Activities

▪ Steering Committee

- Monthly committee calls on the first Tuesday of every month.
- An event planning workshop facilitated by Heather Tyrrell.
- Spring (June) YPC team building meeting at the University of Guelph.

- Fall (October) YPC team building meeting at the WEAO office.
- **Conference**
 - Sunday night Social Hour at the WEAO Annual Conference.
 - Organized and managed volunteers for ticket collecting, the Totally Wasted Game Show, and the YP/Water for People Booth.
- **Magazine**
 - Submitted articles to INFLUENTS summarizing YP events.
- **Mentorship**
 - Mentorship Program presentation and social at the 2017 WEAO Conference.
 - 21 mentorship pairings.
- **Professional Development**
 - Soft Skills Seminar: Personal Branding with Mira Ratkaj (September 14th).
 - Panel Discussion: Bridging the Gap between Consultants and Suppliers (October 28th).
 - Soft Skills Seminar: Conflict Management (December 5th).
- **Scholarship**
 - Number of applicants
 - Kelman – 1 high school student (awarded Summer 2017).
 - WEAO - 4 post-secondary students (awarded Winter 2017).
- **Social Events**
 - Escape Room in London (March).
 - Curling (February).
 - WEAO Conference Monday Night YP Social (April).
 - Jays Game (July).
 - Annual Beach Volleyball (August).
 - Fall Meet and Greet, Toronto (September) Joint event with OWWA.
 - Fall Meet and Greet, Ottawa (September) Joint event with OWWA.
 - Fall Meet and Greet, London (October).
 - Holiday Bash (Dec) Joint event with OWWA.
- **Student Chapters**
 - Active chapters: Carlton University, University of Guelph, McMaster University, University of Ottawa, Queens University, University of Toronto, Ryerson University, University of Waterloo, Western University.
 - Assisted in the organization of the annual Student Chapter Leadership Forum at the University of Toronto (lead organizer alternates between WEAO and OWWA).
 - Student chapter sub-committee has a buddy program that pairs a student chapter with a sub-committee member.
 - 2017 Student Chapter of the Year – University of Guelph.

- **Student Design Competition**
 - University of Guelph represented WEAO at the 2017 WEFTEC SDC in Chicago. They were awarded first place in the Environmental Design Category.
 - 2017-2018 is the fourth year collaborating with the MOECC on the project scope.
 - Project scope and guidelines were released summer 2017, registration deadline was October 2017.
 - Project: Reducing Phosphorus Loading to the Thames River.
 - Five teams registered; three teams will compete.
- **Communication and Social Media**
 - Twitter account remains successful and active (over 1000 followers).
 - LinkedIn account remains active (over 500 followers).
 - Monthly YP Newsletters emailed to distribution list.

Goals

1. Improve volunteer management and develop ways to keep YPs engaged in WEAO when they are no longer a YP by definition.
2. Refine succession planning through the development of an annual *Timeline of Events* for each existing sub-committee.
3. Maintain presence outside of the GTA and explore the feasibility of other social events to engage new YPs and interested students.
4. Evaluate the effectiveness of YP activities and improve methods of gathering meaningful feedback.

2018 Activities

- Social Events:
 - Spring *Learn to Curl* event.
 - Continue annual Fall Meet & Greet and Holiday Bash.
 - Volleyball Tournament.
 - Explore new event ideas.
- Professional Development:
 - Membrane Bioreactors & Oxford Plant Tour (March).
 - Technical Seminar (September).
 - Soft Skills Seminar (November).
- Communicate volunteer requirements and expectations for the purpose of refining volunteer management.
- An event management and planning workshop for all those leading a 2018 event.
- Spring and Fall team building activities.



2017 FINANCIAL STATEMENTS

Water Environment Association of Ontario
Financial Statements Year Ended
December 31, 2017
(Prepared without audit)



INDEPENDENT PRACTITIONERS' REVIEW ENGAGEMENT REPORT

To the Board of Directors of
Water Environment Association of Ontario

We have reviewed the accompanying financial statements of Water Environment Association of Ontario that comprise of the statement of financial position as at December 31, 2017 and the statement of operations and net assets, general operations expenditures and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Practitioners' Responsibility

Our responsibility is to express a conclusion on the accompanying financial statements based on our review. We conducted our review in accordance with Canadian generally accepted standards for review engagements, which require us to comply with relevant ethical requirements.

A review of financial statements in accordance with Canadian generally accepted standards for review engagements is a limited assurance engagement. The practitioners perform procedures, primarily consisting of making inquiries of management and others within the entity, as appropriate, and applying analytical procedures, and evaluate the evidence obtained.

The procedures performed in a review are substantially less in extent than, and vary in nature from, those performed in an audit conducted in accordance with Canadian generally accepted auditing standards. Accordingly, we do not express an audit opinion on the financial statements.

Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the financial statements do not fairly present, in all material respects, the financial position of Water Environment Association of Ontario as at December 31, 2017, and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations

Pollard Gagliardi Navickas LLP

Waterloo, Ontario
March 13, 2018

Pollard Gagliardi Navickas LLP
Chartered Professional Accountants
Licensed Public Accountants

Water Environment Association of Ontario
Statement of Financial Position
As at December 31, 2017
(Prepared without audit)

	2017	2016
	\$	\$
Assets		
Current		
Bank	626,157	528,553
Short-term investments (Note 8)	200,243	201,004
Accounts receivable	5,056	15,899
Prepaid expenses	6,856	22,115
HST receivable	0	13,246
	838,312	780,817
Property and equipment (Notes 1 & 5)	22,077	27,595
	860,389	808,412
Liabilities		
Current		
Accounts payable and accrued charges	20,752	26,887
Deferred contributions (Note 3)	49,401	11,735
HST payable	1,019	0
	71,172	38,622
Net Assets	789,217	769,790
	860,389	808,412

Approved on Behalf of the Board:

_____ President

_____ Treasurer

Water Environment Association of Ontario
Statement of Operations and Net Assets
Year Ended December 31, 2017
(Prepared without audit)

	2017			2016
	Revenue	Expense	Net	Net
	\$	\$	\$	\$
Committees and special events				
Asset management	0	165	(165)	1,121
Canadian affairs council	0	152	(152)	0
Climate change	2,143	2,143	0	0
Committee chairs group	0	51	(51)	(103)
Communications	32,370	184	32,186	44,348
Conference	394,275	253,201	141,074	200,809
Government affairs	0	562	(562)	0
OPCEA	35,216	2,603	32,613	0
Professional wastewater operators	1,500	2,490	(990)	(1,060)
Public education	500	2,157	(1,657)	(1,400)
Residuals and biosolids	19,200	8,996	10,204	8,280
Special events	22,830	19,913	2,917	4,523
Utility management	26,415	17,292	9,123	5,946
Student initiatives	3,603	13,084	(9,481)	(11,013)
US icebreaker	20,700	12,485	8,215	(3,103)
Wastewater collection	13,835	3,583	10,252	13,892
Wastewater technology	30,075	6,112	23,963	6,029
Water for people	11,331	15,066	(3,735)	(3,702)
Young professionals	9,753	8,950	803	(73)
			254,557	264,494
Other income				
Interest and miscellaneous income	2,548			13,683
Membership dues	86,497			99,593
Website revenue	3,800			4,200
	92,845			117,476
	347,402			381,970
General operations (Page 3)	(327,975)			(290,392)
Excess of revenue over expenses	19,427			91,578
Net Assets - beginning of year	769,790			678,212
Net assets - end of year	789,217			769,790

Water Environment Association of Ontario
Statement of General Operations Expenditures
Year Ended December 31, 2017
(Prepared without audit)

	2017	2016
	\$	\$
<hr/>		
Expenditures		
Wages and benefits	157,011	140,257
Real estate rental	34,425	25,636
Office supplies	34,252	25,603
Website	31,020	32,451
Travel and conference	16,415	14,272
Board related expenses	15,361	8,468
Service charges and transaction fees	7,992	9,744
Telephone	7,297	5,665
Professional fees	6,625	8,802
Membership fees and donations	5,264	6,056
Insurance	3,582	6,560
Equipment lease (Note 7)	3,212	3,026
Amortization of property and equipment		<u>5,519</u>
		<u>327,975</u>
		<u>290,392</u>

Water Environment Association of Ontario
Statement of Cash Flows
Year Ended December 31, 2017
(Prepared without audit)

	2017	2016
	\$	\$
CASH FLOWS FROM OPERATING ACTIVITIES:		
Excess of revenue over expenses	19,428	91,579
Amortization of property and equipment	5,519	3,852
Accounts receivable	10,843	(12,814)
HST receivable	14,265	(9,743)
Prepaid expenses	15,259	47,121
Accounts payable and accrued charges	(6,136)	7,114
Deferred contributions	37,666	1,110
	96,844	128,219
CASH FLOWS FROM INVESTING ACTIVITIES:		
Purchase of property and equipment	0	(28,570)
Change in cash and equivalents	96,844	99,649
Cash and equivalents, beginning of year	729,557	629,909
Cash and equivalents, end of year	826,401	729,558

Water Environment Association of Ontario
Notes to the Financial Statements
Year Ended December 31, 2017
(Prepared without audit)

Purpose of the organization

Water Environment Association of Ontario was incorporated without share capital under the laws of the Province of Ontario. The objective of the organization is to be the pre-eminent organization of technical and professional individuals dedicated to the preservation and enhancement of Ontario's water environment and to promote and advance the water environment industry by providing a forum for its members to interact for educational, business and professional advancement.

1 Accounting policies

The financial statements were prepared in accordance with Canadian accounting standards for not-for-profit organizations and include the following significant accounting policies:

Revenue recognition

The Organization follows the deferral method of accounting for contributions. Restricted contributions related to the expenses of future periods are deferred and recognized as revenue in the period in which the related expenses are incurred. Unrestricted contributions are recognized as revenue when received or receivable, if the amount to be received can be estimated and collection is reasonably assured.

Property and equipment

Property and equipment are stated at cost. Amortization is provided for using the declining balance method over the estimated useful lives as follows:

Trade show booth	20%
Computer hardware	20%
Furniture and fixtures	20%

Contributed services

The work of the Water Environment Association of Ontario is dependent on the voluntary services of many members. The value of donated services is not recognized in the financial statements.

Financial instruments

Measurement of financial instruments

The entity initially measures its financial assets and liabilities at fair value, except for certain non-arm's length transactions.

The entity subsequently measures all its financial assets and financial liabilities at amortized cost, except for investments in equity instruments that are quoted in an active market, which are measured at fair value. Changes in fair value are recognized in net income.

Financial assets measured at amortized cost include bank and accounts receivable.

Financial liabilities measured at amortized cost include accounts payable and accrued charges and deferred contributions.

Impairment

Financial assets measured at cost are tested for impairment when there are indicators of impairment. The amount of the write-down is recognized in net income. The previously recognized impairment loss may be reversed to the extent of the improvement, directly or by adjusting the allowance account, provided it is no greater than the amount that would have been reported at the date of the reversal had

Water Environment Association of Ontario
Notes to the Financial Statements
Year Ended December 31, 2017
(Prepared without audit)

the impairment not been recognized previously. The amount of the reversal is recognized in net income.

Transaction costs

The entity recognizes its transaction costs in net income in the period incurred. However, financial instruments that will not be subsequently measured at fair value are adjusted by the transaction costs that are directly attributable to their origination, issuance or assumption.

Water Environment Association of Ontario
Notes to the Financial Statements
Year Ended December 31, 2017
(Prepared without audit)

2 Use of estimates

The preparation of financial statements in conformity with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosures of contingent assets and liabilities at the date of the financial statements and reported amounts of revenue and expenditure during the reporting period. Actual results may vary from current estimates. These estimates are reviewed periodically and, as adjustments become necessary, they are reported in the periods in which they become known.

3 Deferred contributions

Deferred contributions represents unspent funding received for the production and updating of a biosolids educational video, as well as, revenues received in advance. Changes in the deferred contribution balance are as follows:

	2017	2016
	\$	\$
Balance - beginning of year	11,735	10,625
Add: amounts received in the year	<u>0</u>	<u>1,110</u>
	<u>11,735</u>	<u>11,735</u>

4 Financial instruments

The organization is exposed to various risks through its financial instruments. The following analysis provides a measure of the organization's risk exposure and concentrations at the balance sheet date.

Liquidity risk

Liquidity risk is the risk that the organization will encounter difficulty in meeting obligations associated with financial liabilities. The organization is exposed to this risk mainly in respect of its accounts payable.

Credit risk

The organization is exposed to credit risk on the accounts receivable from its customers. In order to reduce its credit risk, the organization deals only with customers which management believes to be financially sound. The organization does not have a significant exposure to any individual customer.

Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risk comprises three types of risk: currency risk, interest rate risk and other price risk.

(a) Currency risk

Currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The organization does not have significant exposure to currency risk.

(b) Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will

Water Environment Association of Ontario
Notes to the Financial Statements
Year Ended December 31, 2017
(Prepared without audit)

fluctuate because of changes in market interest rates. The organization does not have significant exposure to interest rate risk.

(c) Other price risk

Other price risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices (other than those arising from interest rate risk or currency risk), whether those changes are caused by factors specific to the individual financial instrument or its issuer, or factors affecting all similar financial instruments traded in the market. The organization does not have significant exposure to other price risk.

5 Property and equipment

Accumulated Cost	Amortization			2017	2016
				Net Book Value	Net Book Value
		\$	\$	\$	\$
Trade show booth		5,427	5,427	0	0
Computer hardware		24,972	16,383	8,589	10,735
Furniture and fixtures		21,868	8,380	13,488	16,860
52,267	30,190			22,077	27,595

6 Net assets

The organization has internally allocated net assets as follows:

	2017	2016
	\$	\$
PWO funds	1,588	1,588
PWO NE region	1,922	1,922
PWO central region	6,052	6,052
PWO SW region	14,481	14,481
Biosolids education funds	17,740	17,740
Special projects fund	19,427	0

Water Environment Association of Ontario
Notes to the Financial Statements
Year Ended December 31, 2017
(Prepared without audit)

Operating fund	<u>728,007</u>	<u>728,007</u>
	<u>789,217</u>	<u>769,790</u>

7 Commitments

The organization leases office equipment. The minimum annual lease payments are as follows:

	\$	
Year ended December 31, 2018		<u>315</u>

8 Short-term investments

Short-term investment represents a cashable guaranteed investment certificate with the Toronto Dominion Bank at an annual interest rate of 1.65%, maturing September 12, 2018.

9 Commitments

The company operates from leased premises and is required to make monthly lease payments of \$2,988.64 until the expiry of the lease on May 31, 2019.