



# 2018 ANNUAL REPORT



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## 2019 Annual General Meeting

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**Date:** Sunday, April 14, 2019

**Time:** 4:00 p.m. – 5:00 p.m.

**Location:** Metro Toronto Convention Centre (North) Room 103B, Toronto, ON

### Agenda

1. Call to Order
2. Introduction of the 2018-2019 Board
3. Introduction of Guests
4. Approval of 2018 Annual General Meeting Minutes
5. Business Arising from Meeting Minutes
6. President's Report – Erin Longworth
7. Treasurer's Report – Larry Madden
8. Appointment of Accounting Firm for Fiscal 2018
9. Brief Overview from Committee Chairs
10. Board Election Results
11. New Business
12. Request for Motion of Responsibility
13. Adjournment



## 2018 ANNUAL GENERAL MEETING MINUTES

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**WEAO Annual General Meeting  
Sunday, April 15, 2018 at 4:00 pm ET  
Salon G, London Convention Centre, London ON**

**Present: WEAO Board Members**

John Presta	Shirley Anne Smyth
Brian Gage	Rosanna DiLabio
Gary Burrows	William Fernandes
John Presta	Dean Rudd
Erin Longworth	Edgar Tovilla
Frank Scrive	Dean Iamarino
Richard Szigeti	Heather Tyrrell
Chantelle Bazowsky	

Plus 35 attendees

1. Call to Order
  - Meeting called to order at 4:00 p.m. by John Presta.
  - Annual Report (without the committee reports) distributed to attendees.
2. Introduction of the 2017-2018 Board of Directors and their affiliated organizations.
3. Introduction of Guests – Joan Hawley (WEF delegate), Cordell Samuels (past WEF president), Robert Haller (CWWA), Marcus Firman (OWWA)
4. Approval of Meeting Minutes
  - **Motion:** To accept the minutes from 2017 by Edgar Tovilla, seconded by Brian Gage. Carried.
5. Business Arising from meeting minutes – None.
6. President's Report – John Presta
  - 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

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.

- WEAO's Young Professionals continue to demonstrate their passion for our industry. This year the Board approved a by-law amendment which would provide the YP representative a vote.

7. WEAO's Strategic 2018-2020 plan was presented by John Presta. To be posted on WEAO website.

8. Treasurer's Report – John Presta, President (in lieu of Larry Madden)

Previous fiscal year: \$91,578

Excess of revenue over expenses: \$19,418

Net assets: \$789,217

Cash assets: \$760,285

9. **Motion:** Clarke Pollard Gagliardi Navickas LLP be appointed as accounting firm for 2018. Proposed by Frank Scriver, seconded by Dean Iamarino. Carried.

10. Bylaw Revision was presented to membership.

Motion: Bylaw revisions to be accepted by WEAO membership proposed by William Fernandes, seconded by Erin Longworth. Carried.

11. Committee Reports

Committee Chairs presented overview of their Annual Reports

- Asset Management
  - Held webinar in 2017.
  - Submitted article for INFLUENTS
  - Joint activities with other committees
- 2018 Conference
  - Replaced pocket program with app
  - Free Wifi
  - Water Brothers as Keynote speakers
- Government Affairs
  - Completed first year of reactivated committee
  - Responded to two EBRs – Lake Erie and LID
  - Attended MOECC meetings with OMWA and OWWA
- Magazine
  - Generated \$37,264 in revenue – 15% increase from 2017

- Looking for new committee members, specially YPs
- Operations Challenge Committee
  - 8 teams competing this year in Ops Challenge
- Professional Wastewater Operators (PWO)
  - Provided support to the Operations Challenge
  - Represented operators to MOECC
- Promotions and Event Planning Committee
  - Successful golf tournament. In an effort to increase participation, will explore lowering registration fees and costs, and move tournament to September.
  - WEFTEC Icebreaker was successful and plan to continue with similar set up in 2018
- Residuals and Biosolids
  - Successful seminar – one of the highest attendance
  - Survey results indicated that funding program needed to support research
  - Consultant to explore opportunity of including R&B into grade 7 curriculum
- Utility Management
  - 2017 Utility Management Forum was well attended, good program
  - 2018 set for October 16 in Mississauga
- Wastewater Treatment and Technologies Committee
  - 28 committee members
  - Considering holding an event jointly with another committee
- Water for People
  - Will be holding raffle draws throughout conference as per previous years
  - Social night planned for Monday evening of conference as per previous years
- Young Professionals Committee
  - Held twelve Professional Development and Social Events with attendance ranging from 20 to 120 per event.
  - Mentorship program brought together twenty-one matches
  - Formed Student Chapter in Ottawa
  - University of Guelph won 2017 WEFTEC competition

## 12. 2018 Board Elections

- Richard Szigeti elected as Vice President.
  - Nancy Afonso and David Evans elected as Directors.
  - Aleah Henry elected as Young Professional Vice Chair
- Motion to accept 2018-2019 slate of board members proposed by Dean Rudd, seconded by Edgar Tovilla. Carried.



13. **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 Richard Szigeti, seconded by William Fernandes. Carried.

14. **Motion** to Adjourn 2018 Annual General Meeting

➤ Moved by Frank Scriver

## PRESIDENT'S MESSAGE

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I am very proud to have served as the President of WEAO for the 2018-2019 year. You may remember from last year's AGM, WEAO had just created a new Strategic Plan, which committed to operational goals to be conducted within the 2018-2020 period. This past term, Year 1 of the Strategic Plan, much progress was made on implementing the goals within the key focus areas of the Plan. The focus areas include: 1) Knowledge Exchange, 2) Emerging Trends & Regulations, 3) Communications, 4) Sustainable Business, 5) Membership and 6) Collaboration.

Over the past year, the Board of Directors has been diligently working to accomplish several of the tasks within all 6 focus areas. Of note, the Board and Government Affairs Committee (GAC) have made excellent progress in the focus area of Collaboration. Since the revitalization of the GAC two years ago, the committee now maintains close relationships with many government agencies and external organizations. We have also begun exploring opportunities for further collaboration with other associations, such as OMWA and OWWA, with whom we share a close relationship and several joint committees.

Another focus area of the Strategic Plan that we have begun to explore, and that I would like to commit to continuing to champion in my next year as Past President, is Communications. We conducted a survey of all active volunteers of the Association and received some valuable feedback on our website and other communications channels. We are looking to improve the way we communicate with our members and the general public through our website and social media channels such as Twitter, LinkedIn, and Facebook. We will be forming a Communications Task Force with input from all our committees to ensure that we can meet the needs of our members.

One of WEAO's continued 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 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, I would also like to thank the employers of all of our valuable volunteers, without whose support, we wouldn't be able to run our many initiatives.

I want to take this opportunity to personally thank each member of the WEAO Board of Directors, who has contributed their time and effort in WEAO activities for another successful year.





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

Sincerely,

A handwritten signature in blue ink that reads 'Erin Longworth'.

Erin Longworth



## WEAO PROFILE

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The Water Environment Association of Ontario (WEAO) is an incorporated, not-for-profit, technical association of approximately 1,200 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 is an active member of the Canadian Water and Wastewater Association (CWWA).

### 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

Secretary / Treasurer

Two WEF Delegates

One CWWA Representative

One Professional Wastewater Operators (PWO) Representative

Two Young Professional representatives

Six Directors

WEAO's Chief Administrative Officer.



The Board appoints the two WEF Delegates and the CWWA Representative as required and each one serves a three-year term. Two Directors, the Vice President, and one Young Professional representative 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 2018**

President:	John Presta, Region of Durham
Vice President:	Erin Longworth, CIMA+
Past President:	Brian Gage, Aqua Technical Sales Inc.
Secretary & Treasurer:	Larry Madden, C&M Environmental Technologies 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, City of Toronto
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, Terrapure Organics Solutions Tiffany Chai, Dillon Consulting
OWWA Representative:	Reg Russwurm, Blue Mountain (as of May 2018)
OPCEA Representative:	Steve Davey (as of February 2018)
PWO Representative:	Gary Burrows, City of London

### **APRIL - DECEMBER 2018**

President	Erin Longworth, CIMA+.
Vice President:	Richard Szigeti, City of Toronto
Past President:	John Presta, Region of Durham
WEF Delegates:	Neil Awde, AECOM (until September 2018) Dean Iamarino, Region of Halton John Presta, Region of Durham (as of October 2018)
CWWA Representative:	William Fernandes, City of Toronto
Directors:	Shirley Anne Smyth, Environment Canada



Edgar Tovilla, Region of Peel  
Dean Rudd, Endress & Hauser  
Frank Scriver, Flotwegg Separation Technology  
Nancy Afonso, City of Toronto  
David Evans, R. V. Anderson

Young Professional Reps: Chantelle Bazowsky, Terrapure Organics Solutions  
Graham Seggewiss, CIMA+

OWWA Representative: Reg Russwurm, Blue Mountain

OPCEA Representative: Steve Davey, Engineering, Science and Environment  
Magazine

PWO Representative: Gary Burrows, City of London

## AFFILIATE AND COMMITTEE REPORTS

### ASSET MANAGEMENT COMMITTEE 2018 ANNUAL REPORT

#### Committee Mandate

This committee is open to members from all areas of the water environment industry. We are a joint committee with the Ontario Water Works Association (OWWA) to develop and run asset management workshops and create articles for Influents and Ontario Pipeline and the WEAO and OWWA conferences.

**We're dedicated to the promotion, education and information exchange of the best asset management and sustainability practices in the industry.**

#### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
James Jorgensen	<u>Chair</u>	GM BluePlan Engineering Limited
Danielle Anders Ms.	Past Chair	GM BluePlan Engineering Ltd.
Maira Rafiq	Member	WSP Canada
Akli Ben-Anteur	Member	City of Greater Sudbury
Richard Szigeti	Member	City of Toronto
Mike Garaci	Member	Pure Technologies
Gen Nielsen	Member	City of Ottawa
Deborah Goudreau	Member	Oxford County – OWWA Board Director Liaison
Natalie Ribic	Member	Halton Region
Gillian Harris	Member	Town of Lincoln
Bethany Ladewig	Member	Region of Peel
Grace McLenaghan	Member	City of Richmond Hill

#### 2018 Activities

Two webinars were delivered, details below. Registrations are per computer (\$50) and there are no expenses (other than webinar software). It is known that details are shared within organizations and many host the webinar in common meeting room for multiple people to attend. We ask for feedback on the number of individuals in attendance, but this does not garner many responses, so only estimates of total attendees can be provided. Registrants included several small, remote and first nations municipalities highlighting the benefits of webinars.

- Webinar May 30<sup>th</sup>: Sewer Inspection Programs and Fixing the Findings  
40 registered computers, 69 logged on, estimated around 150 attendees. Administered by WEAO
- Webinar December 5<sup>th</sup>: Advanced tools that help water utilities build cost saving and defensible capital work programs.  
30 registered computers, 52 logged on, estimated over 100 attendees Administered by OWWA

Provided three influents articles:

- Winter 2018: Air valves: Part of a Greater network. How a comprehensive condition assessment program can support evidence-based investment planning and budgeting in Halton Region.  
Natalie Ribic, Manish Thakar, Halton Region and Amanda Beattie GM BluePlan
- Fall 2018: Asset Management Game Changing Technologies.  
Dr. Mark Knight, University of Waterloo and the WEAO Asset Management Committee
- Fall 2018: WEAO Asset Management Committee Webinar Series Summary: Sewer Inspection Programs and Fixing The Findings

Provided one pipeline article:

- Winter 2018: Your Asset Management Committee at Work.  
Deborah Goudreau, Oxford County.

Facilitated paper and presentation selection for WEAO and OWWA 2019 conferences.

#### **Goals for 2019**

- Deliver two webinars
- Provide two articles for both Influent and Pipeline

#### **Planned activities for 2019**

- None planned yet.

## CLIMATE CHANGE COMMITTEE – JOINT OWWA/WEAO 2018 ANNUAL REPORT

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### Committee 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.

### 2018 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
Nat Andres	OWWA Board Liaison	Region of Durham
Edgar Tovilla	WEAO Board Liaison	Region of Peel
Paul Marsh	Past-Chair (2014/2015) (WEAO) Past Chair (2015/2016)	Morrison Herschfield
Peter Nimmrichter	Rep: Infrastructure and Buildings Working Group	Wood PLC
Alice Chow	YP Liaison (OWWA)	AECOM
Noshin Hashim	YP Liaison (WEAO)	WORLDiscoveries
John Duong	Member (WEAO)	Region of Halton
Praneeta Moti	Member (WEAO)	City of Toronto
Carolyn Lee	Member (WEAO)	Ministry of the Environment and Climate Change, Environmental Approvals Branch
Jyoti Upadhyaya	Member (WEAO)	Adjunct Professor, Brock University
Mike Garaci	Member	Pure Technologies Limited
Aaron Chase	Member (OWWA)	Guelph/Eramosa Township Water Consortium (SOWC)
Rahim Kanji	Member (WEAO)	Industry Partnership Manager, Southern Ontario
Karel Kamerman	Member (OWWA)	InnServices Utilities Inc.
Rui DeCarvalho	Member	R.J. Burnside International Limited

### 2018 Activities

- Planned seminar for November, rescheduled to 2019 due to low registration
- Drafted concept for Resiliency Award and sought Board Approval from OWWA/WEAO

### Goals for 2019

- Launch the new Climate Change Resiliency OWWA/WEAO Award for award in 2020.

- Increase communication from committee to membership – tweets through WEAO/OWWA offices or other with relevant media.
- Fill 3 vacant positions on Committee

#### **Planned Activities for 2019**

- Host seminar on February 28, 2019 – well attended event at Black Creek Pioneer Village. (Facilitated through the OWWA administration)
- Considering 2020 seminar/webinar – planning work would be mostly in 2019



## COLLECTION AND CONVEYANCE SYSTEMS COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

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

### 2018 Committee Members

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

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Jega Jeganathan	Chair	The Municipal Infrastructure Group
Dave Eadie	WEF Liaison	Stantec Consulting Ltd.
Matthew Ballaban	Member	GM BluePlan
Jeanne Thomsen	Member	Region of Peel
Adrien Comeau	Member	Stantec Consulting Ltd.
Sue Noble	Member	GM BluePlan
Paul Imm	Member	Forterra Pipe & Precast
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
Anthony Parente	Member	Region of Peel
Lijing Xu	Member	City of Markham
Farshad Salezhadeh	Member	Region of Peel
Robert Muir	Member	City of Markham
Peter Clarkson	Member	Black & Veatch
Adam Geldart	Member	City of Guelph
Grace Lin	Associate Member	City of Toronto
Christine Hill	Associate Member	Cole Engineering

### 2018 Activities

- Our committee hosted four half-day sessions at the WEAO Annual Conference addressing design, operation and maintenance of collection systems, along with Condition Assessment & Modelling and stormwater management & climate changes.
- Recognized the accomplishments of Paul Imm through the presentation of the Golden Manhole Award at the 2018 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.
- Together with the YP committee, CSC committee organized a Facility Tour at the Newmarket and Aurora Pump Stations Facility Tour in York Region which was held on September 22, 2018. The technical tour was well attended with 30 registered guests.
- Our Specialty Workshop took place on October 17, 2018 at the Mississauga Grand Banquet Hall in Mississauga, Ontario. The one-day workshop was well attended with 62 registered guests interested in learning from guest speakers showcasing their recent projects and

initiatives related to this year's theme – Innovative Approaches to Collection Systems Management. 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.

- Paul Imm prepared an article for the WEAO Influent Magazine, summarizing the fall collection system workshop.
- The CSC Committee participated to the MECP Low Impact Development (LID) Stormwater Management Guidance Manual.
- The CSC Committee also participated to the MECP Wastewater Stakeholder Consultation Group on Sewer Design Criteria for Pre-authorized Sewage Infrastructure Guidelines.
- One new member joined the Committee in 2018: Adam Geldart.
- Two members left the Committee in 2018: Dan Fe Ferguson and Michael Iampietro.

### Goals for 2019

- **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.

- **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.

- **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.

### Planned Activities for 2019

- 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 16, 2019.
- Investigate facility tour opportunities in 2019 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 2019, and further develop a similar Ontario-based subcommittee.
- Contributing content to the WEF Collection Systems MEA publication.
- Energizing each of our five 2019 Collections Committee Meetings.

## CONFERENCE COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

To plan and organize the annual WEAO Technical Symposium and OPCEA Exhibition.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Max Rao	Chair	Aquafy Water Technologies
Nancy Afonso	Gifts	City of Toronto
Chantelle Bazowsky	Communications (Influents)	Terrapure Organics Solutions
Bram Bontje	Technical Program/Proceedings	Dillon Consulting
Michele Cole	Marketing / Promotions / Social Media	Arke Marketing
Linda Cooke-Weaver	OPCEA Exhibition - Second	Wolseley Canada
Merry Dang	Keynote Speaker	ASI Group
John Devlin	Young Professionals / Volunteers	ACG Envirocan
John Duong	Conference App	Halton Region
Marcus Henderson	OPCEA Exhibition - Lead	KSB Pumps
Hany Jadaa	Operations Challenge / PWO Program / TWG Show	Lexicon Environmental Consulting Services
Erin Longworth	Awards Coordinator	CIMA+
Tony Pertrucci	Water for People Canada Liaison	Stantec
Emily Prowse	Local Arrangements	City of Toronto
Richard Szigeti	Audio Visual	City of Toronto
Geoff Totten	Signage	Suez Water Technologies & Solutions

### 2018 Activities

- Select conference committee members for the 2019 conference and assign roles.
- Hold monthly meetings to discuss specific aspects of the conference as raised by each committee member.
- Issue a Call for Abstracts for 2019 conference.
- Work with XC-D technologies using their conference management software solutions.

- Make conference hotel arrangements.
- Visit the 2019 conference location several times to discuss logistics.
- Finalize room designations and tradeshow floor layout.
- Convene an abstract selection committee, select technical papers for the conference and notify authors and session chairs.
- Open conference registration.
- Develop the conference app using XC-D platform.
- Prepare a preliminary food and beverage order for the various WEAO events.
- Prepare Conference Preview material for Influent Spring edition.

### **Goals for 2019**

- Select Keynote Speaker.
- Finalize conference program and technical sessions.
- Finalize food and beverage requirements and room assignments.
- Finalize the conference app. The conference app is the official conference directory.
- Hold a successful 2019 WEAO Technical Symposium and OPCEA Exhibition.
- Hold a post conference committee meeting to discuss the positives about the conference and what could be done better.
- Prepare post conference reports for publication in the Summer edition of the WEAO Influent publication.
- Select conference committee members for the 2020 conference being held at the Sheraton Centre Toronto Hotel. The conference committee will be chaired by Emily Prowse.
- Issue a Call for Abstracts for 2020 conference.
- Visit the 2020 conference location at least two times to discuss logistics.
- Finalize room designations and tradeshow floor layout.
- Select technical papers for the conference and notify authors and session chairs.
- Open 2020 conference registration.

### **Planned activities for 2019**

- 2019 WEAO Technical Symposium and OPCEA Exhibition, April 14-16, Metro Toronto Convention Centre, Toronto

## GOVERNMENT AFFAIRS COMMITTEE 2018 ANNUAL REPORT

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### Committee 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.

### 2018 Committee Members

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

### 2018 Activities

- Held four quarterly meetings in 2018.
- Communication Strategy approved by Board in May 2018 – Covering internal communications with WEAO committees, and external with government agencies.
- Welcomed four new members: Brenda Lucas, Robert Muir, Anna Cleaver and Justyna Burkiewicz.
- WEAO – GAC completed the study: *Experience on system wide ECAs for wastewater collection and stormwater management systems by Ontario municipalities*. Presented at:
  - MECP Professional Engineering Development Day – May 9, 2018
  - Municipal SWM Discussion Group, Guelph, ON, Sep 27, 2018
  - MEA Annual Workshop, Thunder Bay, ON, Nov 22, 2018
- MECP Executive Meeting with OWWA and OMWA on April 19, 2018 – GAC provided support to the WEAO Board in preparing summary of topics for discussion.
- Held the Sep 2018 Quarterly meeting hosted with MECP. Five MECP Directors of different branches attended the meeting. Accomplishments from this meeting:
  - Review of WEAO policy priorities
  - Review of WEAO study: Municipal experience on system-wide ECAs
  - Ideas for holistic approach for MECP approvals and strategies for I/I from a regulatory view point.

- Prepared WEAO Influent articles to inform membership on:
  - Spring 2018 – Ontario Climate Change Adaptation Approach
  - Summer 2018 – Executive Meeting MECP, OWWA and OMWA
  - Fall 2018 – Municipal experience of system-wide ECAs
- WEAO – MECP Wastewater Practitioners Group (4 meetings):
  - I/I Report by RPWCO Environmental Committee
  - CSA standard for Climate Change for WWTP Design
  - ECA Standard Template
- GAC participant on the MECP Stakeholder Group for a new wastewater and stormwater design criteria – Kickoff meeting on December 2018.

#### **Goals for 2019**

- Review policy priorities.
- Participate at the MOECC-WEAO-OWWA-OMWA Executive 2019 meeting
- Participate as WEAO Board representative at the OCSI.
- Consolidate working relationship with the OCSI
- GAC succession plan.
- Strengthen communications with other WEAO committees.
- Continue participating on MECP Stakeholder Group meetings (7am)
- Support the CSA for the development of a Municipal Wastewater Management Standard (based on the DWQMS and the ISO 14001)

#### **Planned Activities for 2019**

- None planned yet.

## MAGAZINE COMMITTEE 2018 ANNUAL REPORT

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### Committee 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

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Gustavo Arvizu, M.Eng., P.Eng.		TMIG
Preya Balgobin, P.Eng.		Ainely Group
Jose Bicudo Ph.D., PE.		Region of Waterloo
Ana Brankovan		University of Guelph
Gary Burrows	Board Liaison	City of London
Alexandra Chan, P.Eng.		Dillion Consulting Ltd
Pat Coleman Ph.D., P.Eng.		Black & Veatch Canada
John Devlin	OPCEA Liaison	ACG Technology Ltd
Christine Hanlon	Publisher	Craig Kelman & Associates
Greg Jackson		ACG Technology
Natasha Jansen, P.Eng.	Chair	Toronto Water
Susan Liver, P.Eng.		Stantec
Paul McLennan, P.Eng.		GM BluePlan
Cynthia Nwabuokeyi		Vector Process Equipment Inc.
Meghal Patel, P.Eng. M.Eng.		R.V. Anderson Associates Limited
Kimberley Thomas, P.Eng.		Region of Peel
Edgar Tovilla M.Sc., P.Eng.		Region of Peel
Heather Tyrrell		WEAO
Tonia Van Dyk		C&M Environmental Technologies Inc.
Revathy Vattukkalathil, M.Eng.	YP Liaison	Toronto Water
Laura Verhaeghe, P.Eng.	Editorial Lead	GM BluePlan

### 2018 Activities

- The committee published four issues of the Magazine:
  - Spring 2018 – Valves and Piping
  - Summer 2018 – Barriers to Innovation
  - Fall 2018 – Game Changing Technologies
  - Winter 2018 – Effluent Reuse
- The total revenue to WEAO was \$34,814.
- The issues included a total of:
  - 22 technical theme articles;
  - 25 articles by Young Professionals;
  - 23 articles or advertisements from WEAO committees, plus the conference preview and recap; and
  - Many other high quality pieces!

- The committee adopted a decentralized committee structure to help distribute the committee work more effectively and assist in succession planning.

#### **Goals for 2019**

- 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.
- The committee will continue to try and improve their structure and work-load sharing in order to remain sustainable and assist in succession planning.

#### **Planned activities for 2019**

- Publish four issues of the magazine:
  - Spring (complete): Removing Ground and Surface Water from the Sewers: Inflow, Infiltration and CSO
  - Summer: Impact of Industrial Wastewater and Septage on Municipal WWTPs
  - Fall: Made in Ontario: Ontario Innovators
  - Winter: Leadership in Wastewater



## PEP COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

To provide opportunities for WEAO members to meet outside of a typical office environment.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Tonia Van Dyk	Chair	C & M Environmental Technologies Inc.
Frank Scriver	WEAO Board Liason	Flottweg
Mike Newbigging	Member	Jacobs

### 2018 Activities

- WEAO Golf Tournament
  - We held the 2018 Golf Tournament at a new venue, the Crosswinds Golf Course in Burlington. This beautiful course offered a much better rate which allowed for us to lower the ticket prices, which we hoped would raise the attendance at this event. We also moved back to a September date, again with the hope that this would encourage people to attend.
  - Despite these changes, attendance remained similar to 2017 with approximately 90 golfers.
  - We lost approximately \$100 on this event.
- Great Canadian Icebreaker
  - The Great Canadian Icebreaker was held in New Orleans on October 1 at the Crescent City Brew Pub. This was a new venue location over past years in New Orleans. We chose this venue as the menu offered local style foods and the location was close to the French Quarter and other events. The Icebreaker was well attended with approximately 200 people in attendance.
  - There was a lot of positive feedback from the attendees on both the location and the food.
  - WEAO held this event in conjunction with the Atlantic Canada WEF MA, to encourage participation from other areas of the country in the spirit of this being advertised as a Canadian event.
  - We maintained a balanced budget for this event.

### Goals for 2019

- Increase PEP Committee membership, as we have had a few members retire from the committee this year
- Search for a committee co-chair or vice-chair, as I have been the chair for a number of years.
- Decrease committee expenses to maintain a balanced budget

### Planned activities for 2019

- September 11, 2019 - WEAO Golf Tournament at Crosswinds Golf Club
- September 29, 2019 – Great Canadian Icebreaker at WEFTEC in Chicago, location to be confirmed

## PUBLIC ENGAGEMENT AND EDUCATION COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

Foster public awareness of the WEAO as a reliable and accessible source of technical information. Support water environment education through school programs, science fairs, teacher's resources and published articles, to promote interest in the water and wastewater industry.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Cindy Toth	Co-Chair	Retired
Bahareh Karami	Vice-Chair, Incoming Chair	York Region
Dean Iamarino	Board Rep	Region of Halton
Lynne MacLennan	Incoming Vice Chair	WaterTap Ontario
Ian McIlwham		Region of Durham
Priya Persaud		City of Brantford
Angela Robert		Region of Durham
Carly Mercier		Region of Durham
Ellen Stitt		Ontario Clean Water Agency
Shan Gao		Student

### 2018 Activities

- 3 Science Fairs: Niagara Regional Science and Engineering Fair; Peterborough Science Fair; and Toronto Science Fair
- Supported 2018 Canadian Stockholm Junior Water Prize (C. Toth/I. McIlwham, travelled with 2018 Canadian winner, Holly Tetzlaff presenting her project, 'Disappearance ≠ Disintegration: The Environmental Impact of Pseudo Flushables')
- Profiling WEF supported 'Water's Worth It' campaign for launch with WEAO, supported profile at Awards Lunch at Annual Conference by WEF Delegate
- Supported Biosolids Committee developing curriculum
- Regular Committee meetings, development of work plan and budget
- Organize and prepare several articles published in INFLUENTS
- Supported 2018 Utility Management Forum

### Goals for 2019

- Increase number of science fairs to six
- Transition to new chair, increase committee membership, monthly committee meetings, monthly Chair Vice-Chair transition meetings
- Support EnviroScape training and use by members
- Promote 'Water's Worth It' Campaign
- Organize panel on public engagement and education at 2020 Annual Conference
- Support CSJWP
- Publish articles in INFLUENTS

### Planned activities for 2019

- New science fairs: Bay Area, Waterloo Wellington and Durham Region
- EnviroScape training
- Articles in INFLUENTS
- Outreach to educators

## PROFESSIONAL WASTEWATER OPERATORS (PWO) COMMITTEE 2018 ANNUAL REPORT

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### Committee 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.

### 2018 Committee Members

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

### 2018 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

The OCWG met in March and September in 2018.

#### Overall Responsible Operator (ORO) Discussion Group

The MECP put a call out for stakeholders to participate in the role of the ORO and challenges related to hiring and retaining OROs. This discussion group has been involved in these discussions over the past many years. Most recently members have provided comments via this working group for the latest draft document dated September 2018 (meeting was in October 2018).

#### PWO Technical Session at the Annual Conference

Special thanks to Dawn Riekenbrauck for her leadership and organization in taking the lead for the PWO Technical Session held at the 2018 WEAO Technical Symposium and OPCEA Exhibition in London, Ontario.

### Goals for 2019

- Continue to maintain and address the needs of wastewater operators in Ontario by using the PWO membership list to gain feedback on pertinent issues in our profession.

### Planned activities for 2019

- Continuation of support for the Operations Challenge
- Continued participation in the Conference Technical Sessions
- Continued representation on MECP working groups



For information: [pwo@weacommittee.org](mailto:pwo@weacommittee.org)

## RESIDUALS AND BIOSOLIDS COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

The WEAO 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

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Nancy Afonso		City of Toronto
Erin Agro		Walker Environmental
Geoff Boyd		Walker Environmental
Chandra Baker	WWT&T Liaison	Halton Region
José Bicudo	(Chair & Committee Chair Liaison)	Region of Waterloo
Shelly Bonte-Gelok		Ontario Clean Water Agency
Sangeeta Chopra	Past Chair	Ontario Clean Water Agency
Tihamer Csiba		Dillon Consulting Ltd.
Mike Dougherty		Lystek International Inc.
Don Ford		Oxford County
Adriana Hulse		City of Ottawa
Dean Iamarino	Board Liaison	Region of Halton
Mark Janiec		Terrapure Environmental - Organics Solutions Halton BMC
Benoit Lebeau		Ontario Ministry of Agriculture and Food and Rural Affairs
Nancy Liu		Associated Engineering
Sarah Mason-Renton		Lystek International Inc.
Praneeta Moti		City of Toronto
Banu Ormeci		Carleton University
Irwin Osinga		D.M. Wills Associates Limited
Zhiping Qiu		Jacob's
Joshua Ranger		RV Anderson Associates Ltd.
Lisa Ross		MECP – SWR Divisional Program Specialist
Phil Sidhwa	Govt. Affairs Liaison	President, Orgatec Energy Inc.
Paul Taylor		Bio-En Power Inc
Darrell (Hai Nien) Yong		Jacobs

### 2018 Activities

- Development of an Ontario curriculum-based Education Program for Grade 7&8 children focused on biosolids
- Research and Education Program - call for proposals was sent out in late summer and a \$5,000 award was given to Jason Gerhard of the University of Western Ontario for his research entitled *Optimizing Starx Technology for Energy Efficient Destruction of Biosolids*.

This research will commence in 2019. Fall Seminar (Dec 4 and 5, 2018) – “The Beneficial Use of Biosolids in the Circular Economy & Thickening and Dewatering.”

- Selection of papers for the 2019 WEAO Technical Symposium and OPCEA Exhibition
- Participation in the PFAS initiative for biosolids and residuals through North East Biosolids & Residuals Association (NEBRA)
- Preparation of an Influent article for “The Beneficial Use of Biosolids in the Circular Economy & Thickening and Dewatering” seminar.

#### **Goals for 2019**

- Obtain additional funds to continue supporting the R&B Committee initiatives such as the Public Education Program and the Research Program
- Continue engagement with industry leaders and the sector in general via the various conference and committee work outlined below.

#### **Planned activities for 2019**

- Joint seminar with the WWT&T Committee (Feb 26, 2019) - *Wastewater Treatment Plant-Wide Energy and Operational Optimization*
- Committee members will chair four sessions at the 2019 WEAO Technical Symposium and OPCEA Exhibition
- Help plan and organize the 2020 National Residuals and Biosolids National Conference in Ontario through the establishment of an Organizational Committee led by R&B Committee members
- Fall Seminar (Dec 2019)
- Finalize the curriculum-based Education Program
- Research and Education Program Call for Proposals in late summer/early Fall
- Review the R&B Award program

## UTILITY MANAGEMENT COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

The delivery of a peer-to-peer forum to help Ontario municipalities to exchange ideas, experience and information.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Bill Serjeantson	Chair	Cole Engineering
Cordell Samuels	Vice-Chair	Cole Engineering
John Presta	Member	Region of Durham
Michele Grenier	Member	Ontario Water Works Association
William Fernandes	Member	City of Toronto
Cindy Toth	Member	Town of Oakville (Retired)
Curtis Ching	Member	Region of York
Tammy Bellamy	Member	Region of Waterloo
Trevor Brown	Member	Region of Waterloo
Indra Maharjan	Member	Ontario Clean Water Agency
Clinton Reynolds	Member	Region of York

### 2018 Activities

- Committee meetings

The committee held 5 face to face meetings and 9 conference calls meetings to plan and implement the 2018 Forum

The 2018 Utility Management Forum was held on October 16, 2018 at the Mississauga Grand Banquet Hall in Mississauga, Ontario. There were two keynote presentations, and six breakout sessions with 20 speakers. Attendance was very good with almost 100 attendees, including as many as ten nonmembers. There was also a well-attended closing session to end the day. The 2018 UMF was also a very successful financial venture realizing a net income of over \$11,000.00

### Goals for 2019

- 2019 Utility Management Forum to be held at a location in Ontario, where topics relevant to Ontario municipalities will be discussed.

### Planned activities for 2019

- Committee meetings and conference calls
- 2019 Utility Management Forum

## WASTEWATER TREATMENT & TECHNOLOGIES COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

The Wastewater Treatment and Technologies Committee provides an opportunity for sharing knowledge on wastewater treatment processes and technologies through WEAO seminars, workshops and the Annual Conference technical program. It serves as a resource to the WEAO and the Provincial and Federal Ministries of the Environment or other government agencies to facilitate and promote informed planning and policy decisions.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Ahmed Badia		University of Western Ontario
Ahmed EIDyasti		York University
Alireza Shamshiri		Region of Durham
Antony Aruldoss		AECOM
Carla Fernandes		WSP
Chandra Baker	Past Chair R&B Committee Liaison	Halton Region
Dean Rudd		Endress & Hauser
Ed Broeders		H2Flow Equipment Inc.
Emily Zegers	Chair	City of Toronto
Hank Andres	Vice-chair	Ontario Clean Water Agency
Harpreet Rai		R.V. Anderson Associates Limited
Heather Brewer		GHD
Jeremy Kraemer		Jacobs
Jessie Cheng		City of Toronto
Kyle Getty		Plan Group
Laura Seaman	Conference Committee Liaison	Jacobs
Mark Knight		Suez
Matt McMahon		Ministry of the Environment, Conservation and Parks
Michael Mark		MYM Consulting Services
Mike Newbigging		Jacobs
Mike Thomson		Dillon Consulting
Oliver Schraa		InCtrl Solutions
Shirley Anne Smyth	Board of Directors Liaison	Environment and Climate Change Canada
Vlad Petran		City of Toronto
Zhifei Hu		Black & Veatch

### 2018 Activities

- Delivered two sold-out seminars:
  - Mar. 28, 2018- Microbiology Seminar
  - Nov. 14, 2018- Bringing Advanced Technologies to Ontario
- Completed abstract review & technical session makeup for 2019 annual conference  
Developed a guideline to provide more clarity on Alternate Speaker Program for conference
- Clarified board expectations around annual conference attendance for volunteers & speakers



- Developed a new guideline on committee member expectations (active & associate)

#### Goals for 2019

- Annual Conference:
  - Continue to work with conference committee to improve technical session portion of conference (especially conference app)
  - Discuss potential for pre-conference workshops
- Workshops & Seminars:
  - Continue to deliver high quality technical seminars
  - Standardize our approach to workshop & seminar attendance certificates
  - Develop a guideline for seminar speaker expense reimbursement
  - Revisit seminar attendance fees
- Other:
  - Contribute to WEAO Communications Task Force
  - Consider a Wastewater Treatment research fund

#### Planned activities for 2019

- February 26, 2019- "Wastewater Treatment Plant-Wide Energy and Operational Optimization" (Joint Seminar with Residuals & Biosolids Committee)
- **June 20, 2019- "What does the Future Hold?" (keynote Glen Daigger)**
- Fall 2019 Technical Seminar (Topic TBD- possibly "Wastewater 101")

## WATER FOR PEOPLE CANADA COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

WFPC is a charitable, nonprofit, 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.

Currently, the WEAO hosts a 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.

### 2018 Committee Members

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Don Hoekstra		
Rahim Kanji	Chair	Southern Ontario Water Consortium
Noshin Hashim	Co-Chair	WorldDiscoveries
Cristina Lugo	Member	CIMA+
John Presta	Member	Durham Region
Sahra Shojaei	Member	Walker Environmental
Indra Maharjan	Member	Ontario Clean Water Agency
Christina Cholkani	Member	Cole Engineering
Ama Dufie Kankam	Member	
Cynthia Nwaboukei	Member	Vector Process Equipment
Tais Santiago	Member	
Zhiqi Xu	Member	Suez Water
Tony Petrucci	Member	Stantec Consulting

### 2018 Activities

- Committee membership recruiting
- Updating of committee Terms of Reference
- Initiation of review and renewal of WEAO – WFPC MOU
- Initiation of collaboration between WEAO and OWWA WFPC committees
- Initiation of various discussions to implement new corporate giving programs at organizations such as GHD and OCWA
- Release of multiple articles and updates about the activities of Water for People and Water for People Canada via WEAO's Influent's magazine
- WEAO Annual Conference raffle draw table
- Annual evening fundraiser dinner and music
- Total funds raised via WEAO annual conference exceeded \$10,000 (minus expenses)

### Goals for 2019

- **Strategic Planning**
  - Work on developing a committee sustainability plan that can be used for future

strategic growth and planning in collaboration with Water for People Canada.

- 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.
- **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.
- **Activities and Events**
  - 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
  - Collaborate with other Water for People Canada committees for combined events

#### Planned activities for 2019

- WEAO Annual Conference raffle draw table and fundraising dinner
- Support WEAO Holiday Bash and annual golf tournament as required
- Possibility of combined event with OWWA Water for People Canada committee

## YOUNG PROFESSIONALS COMMITTEE 2018 ANNUAL REPORT

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### Committee Mandate

To cultivate with and connect to the future leaders of our industry.

### 2018 Committee Members

The YP Committee currently consists of approximately 56 members. Many members hold multiple positions, however only one position is listed below. Membership of the YP committee is continually evolving to optimize available positions between current and new volunteers.

<u>Name</u>	<u>Role</u>	<u>Organization</u>
Graham Seggewiss	Committee Chair	CIMA+
Chantelle Bazowsky	Committee Past Chair	Terrapure Organics Solutions
Aleah Henry	Committee Vice Chair	Cole Engineering
Dawn Riekenbrauck	Communications	CIMA+
Stephanie Choo-Wing	Communications	YP
John Devlin	Conference	ACG Technology
Farhad Asempour	Conference	University of Ottawa
Shan Gao	Conference	YP
Jaehoon (Jason) Ya	Conference	University of Toronto
Revathy Vattukalathil	Magazine Lead	City of Toronto
Lindsay Bowman	Magazine	YP
Michael Doerr	Magazine	YP
Carolyn Chan	Magazine	GM BluePlan
Jerdon Small Phillips	Magazine	YP
Martin Smith	Magazine	YP
Simon Glass	Magazine	Ainley Group
Anton Meier	Magazine	University of Toronto
Ahmed Abuhussein	Magazine	YP
Cristina Lugo	Mentorship Lead	CIMA+
Francesca Fernandes	Mentorship	YP
Elaine Samuel	Mentorship	GM BluePlan
Tony Tsui	Mentorship	City of Toronto
Carly Mercier	Mentorship	Region of Durham
Tanin Amerian	Professional Development Co-lead	Suez
Hediah Hashtroudi	Professional Development Co-lead	Cole Engineering
Sara Sadraddini	Professional Development	GM BluePlan
Phil Spencer	Professional Development	RV Anderson
Scott Wei	Professional Development	MECP
Jesse King	Professional Development	Jacobs
Kevin Stewart	Professional Development	YP
Samantha Halloran	Professional Development	Lystek
Lizanne Pharand	Scholarship Lead	City of Toronto
Stephanie Tran	Scholarship	RV Anderson
Amy Langford	Student Chapters Lead	CIMA+
Ryan Boone	Student Chapters	RV Anderson
Michael Blain	Student Chapters	Associated Engineering
Jordan Smyth	Student Chapters	CH2M

Sean Arscott	Student Chapters	Gowing Contractors
Dorin Newton	Student Chapters	University of Toronto
Sean Arscott	Student Chapters	Gowing Contractors
Ellen Stitt	Student Design Competition Lead	OCWA
Newsha Roshani	Student Design Competition	RV Anderson
Helen Peng	Student Design Competition	Cole Engineering
Linda Li	Student Design Competition	Dillon Consulting
Huda Oda	Student Design Competition	Municipality of Chatham Kent
Peter Davey	Social Events Lead	ES&E Magazine
Michael Liu	Social Events	Black & Veatch
Victoria Chennette	Social Events	YP
Victoria Zhao	Social Events	Flow Water
Alexandra Chan	Social Events	Dillon Consulting
Ama Kankam	Social Events	Toronto Water
Dodge Yu	Social Events	YP
Maira Rafiq	Asset Management Liaison	WSP
Noshin Hashim	Climate Change Liaison	WORLDiscoveries
Peter Clarkson	Collection Systems Liaison	Black & Veatch
Rinita Banerjee	OPWA YP Liaison	TMIG

## 2018 Activities

- **Steering Committee**
  - Monthly committee conference calls (the first Tuesday of every month)
  - Spring (June) YPC team building meeting at the University of Guelph
  - Fall (October) YPC team building meeting at the WEAO office
- **Conference Subcommittee**
  - Planned and executed the Sunday Night Social Hour at the WEAO Annual Conference
  - Assisted with coordination of all YP conference activities, including mentorship hour and the student design competition.
  - Organized and managed all YP conference volunteers for: ticket collecting, the Totally Wasted Game Show, and the YP/Water for People Booth
- **Magazine**
  - Solicited, edited, and submitted articles to INFLUENTS magazine summarizing YP events
- **Mentorship**
  - Coordinated Mentorship Program presentation and social at the 2018 WEAO Conference
  - Introduced a new mentorship program (Mentorship Rocket)
  - Program statistics: 21 mentees, 22 mentors, and approximately 55 mentorship sessions
- **Professional Development**
  - Planned and executed technical seminars and workshops targeted at Young Professionals but open to all WEAO members. 2018 events included:
    - Membrane Bioreactors and Oxford Plant Tour (Spring 2018, 48 attendees)
    - Blowers and Aeration Seminar (Fall 2018, 26 attendees)
    - Leadership for Rising Stars Workshop (Fall 2018, 17 attendees)

- **Scholarship**
  - Kelman Scholarship awarded to one (1) high school student. Seven (7) applications received. Awarded Summer 2018.
  - WEAO Scholarship awarded to four (4) post-secondary students. Seven (7) applications received. Awarded Winter 2018.
- **Social Events**
  - Planned and executed Young Professional Meet & Greets, social events, and other networks opportunities. 2018 events included:
    - Curling (Winter 2018)
    - WEAO Conference Social (Spring 2018)
    - Salsa dancing (Summer 2018)
    - Beach Volleyball (Summer 2018)
    - Toronto Meet & Greet (Fall 2018)
    - Ottawa Meet & Greet (Fall 2018)
    - Kitchener/Waterloo Meet & Greet (Fall 2018)
    - WaterDocs Viewing Event (Fall 2018)
    - Holiday Bash (Winter 2018)
- **Student Chapters**
  - Provided guidance to eight active chapters: Queen's University, University of Toronto, Ryerson University, McMaster University (WEAO-only Chapters); Guelph University, Carleton University, University of Ottawa, and Western University (Joint WEAO/OWWA Chapters)
  - Led organization of Student Chapter Leadership Forum (Ryerson University, Summer 2018) and Chapter Information Webinar (Fall 2018)
  - Coordinated student chapter sub-committee buddy program that pairs each student chapter with a YP sub-committee member
  - Awarded 2017/2018 Student Chapter of the Year to Western University
- **Student Design Competition**
  - 2018-2019 competition focused on phosphorus reduction to the Thames River. Host: City of London. Winner: University of Guelph.
  - Continue collaboration with the MECP for identifying the host, development of the project statement
  - Committee began evaluating/optimizing future competitions. Collaboration with Universities for 4<sup>th</sup> year design project. Optimize release of project statement timing.
- **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 for 2019

- Continue to implement tracking of KPIs developed in 2018 to gather quantifiable data and make changes based on real feedback
- Continued development of sub-committee role definition to have clear expectations of new and existing volunteers
- Assess annual events for areas of improvement and scheduling
- Identify engagement opportunities for YP members on the volunteer 'waitlist' for a specific position until it becomes available. (Additional event support, article writing, event promotion, conference volunteers)

- Explore opportunities for increasing WEAO YP committee participation at the WEAO conference, and at other industry-relevant conferences and events.

#### **Planned activities for 2019**

- Social Events:
  - Curling Jitney
  - Summer Volleyball Tournament
  - Meet and Greet
  
  - Holiday Bash
- Professional Development
  - Introduction to Regulatory Requirements in Wastewater Treatment Systems (Spring 2019)
  - Technical Seminar and Skills Workshop (Fall 2019)
- Spring and Fall YP Team Building events.

**Water Environment Association of Ontario**  
Financial Statements  
**Year Ended December 31, 2018**  
(Prepared without audit)





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## INDEPENDENT PRACTITIONERS' REVIEW ENGAGEMENT REPORT

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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, 2018 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, 2018, 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 29, 2019

Pollard Gagliardi Navickas LLP  
Chartered Professional Accountants  
Licensed Public Accountants

**Water Environment Association of Ontario**  
**Statement of Financial Position**  
**As at December 31, 2018**  
*(Prepared without audit)*

	2018	2017
	\$	\$
<b>Assets</b>		
Current		
Bank	698,411	626,157
Short-term investments (Note 8)	200,300	200,243
Accounts receivable	5,088	5,056
Prepaid expenses	59,797	6,856
	<b>963,596</b>	838,312
Property and equipment (Notes 1 & 5)	18,814	22,077
	<b>982,410</b>	860,389
<b>Liabilities</b>		
Current		
Accounts payable and accrued charges	9,208	20,752
Deferred contributions (Note 3)	99,914	49,401
HST payable	11,917	1,019
	<b>121,039</b>	71,172
<b>Net Assets</b>	<b>861,371</b>	789,217
	<b>982,410</b>	860,389

Approved on Behalf of the Board:

  
 \_\_\_\_\_ President  
  
 \_\_\_\_\_ Treasurer

**Water Environment Association of Ontario**  
**Statement of Operations and Net Assets**  
Year Ended December 31, 2018  
*(Prepared without audit)*

	2018			2017
	Revenue	Expense	Net	Net
	\$	\$	\$	\$
<b>Committees and special events</b>				
Asset management	2,494	122	2,372	(165)
Canadian affairs council	0	1,630	(1,630)	(152)
Climate change	138	138	0	0
Committee chairs group	0	60	(60)	(51)
Communications	37,264	79	37,185	32,186
Conference	484,834	254,961	229,873	141,074
Government affairs	0	1,184	(1,184)	(562)
OPCEA	36,000	528	35,472	32,613
Professional wastewater operators	1,500	4,063	(2,563)	(990)
Public education	0	654	(654)	(1,657)
Residuals and biosolids	19,875	43,896	(24,021)	10,204
Special events	15,800	16,236	(436)	2,917
Utility management	22,170	10,333	11,837	9,123
Student initiatives	1,500	16,764	(15,264)	(9,481)
US icebreaker	14,875	15,510	(635)	8,215
Wastewater collection	15,937	5,663	10,274	10,252
Wastewater technology	30,325	9,600	20,725	23,963
Water for people	6,780	10,220	(3,440)	(3,735)
Young professionals	10,100	6,359	3,741	803
			<b>301,592</b>	<b>254,557</b>
<b>Other income</b>				
Interest and miscellaneous income	1,543			2,548
Membership dues	93,358			86,497
Website revenue	2,800			3,800
	<b>97,701</b>			<b>92,845</b>
	<b>399,293</b>			<b>347,402</b>
<b>General operations expenditures (Page 3)</b>	<b>(327,139)</b>			<b>(327,975)</b>
<b>Excess of revenue over expenses</b>	<b>72,154</b>			<b>19,427</b>
<b>Net Assets - beginning of year</b>	<b>789,217</b>			<b>769,790</b>
<b>Net assets - end of year</b>	<b>861,371</b>			<b>789,217</b>

**Water Environment Association of Ontario**  
**Statement of General Operations Expenditures**  
Year Ended December 31, 2018  
*(Prepared without audit)*

	2018	2017
	\$	\$
<hr/>		
<b>Expenditures</b>		
Wages and benefits	162,534	157,011
Real estate rental	35,349	34,425
Office supplies	11,501	34,252
Website	27,980	31,020
Travel and conference	31,578	16,415
Board related expenses	16,816	15,361
Service charges and transaction fees	10,306	7,992
Telephone	6,557	7,297
Professional fees	7,935	6,625
Membership fees and donations	2,907	5,264
Insurance	7,264	3,582
Equipment lease (Note 7)	1,869	3,212
Amortization of property and equipment		5,519
	<b>4,543</b>	
	<b>327,139</b>	<b>327,975</b>

**Water Environment Association of Ontario**  
**Statement of Cash Flows**  
Year Ended December 31, 2018  
*(Prepared without audit)*

	2018	2017
	\$	\$
<hr/>		
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>		
Excess of revenue over expenses	72,154	19,428
Amortization of property and equipment	4,543	5,519
Accounts receivable	(32)	10,843
HST payable	10,898	14,265
Prepaid expenses	(52,941)	15,259
Accounts payable and accrued charges	(11,544)	(6,137)
Deferred contributions	50,513	37,666
	<hr/>	<hr/>
	73,591	96,843
<hr/>		
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>		
Purchase of property and equipment	(1,280)	0
	<hr/>	<hr/>
<b>Change in cash and equivalents</b>	72,311	96,843
<b>Cash and equivalents, beginning of year</b>	826,400	729,557
	<hr/>	<hr/>
<b>Cash and equivalents, end of year</b>	898,711	826,400
<hr/>		
<b>Cash and equivalents consist of the following:</b>		
Bank	698,411	626,157
Short-term investments	200,300	200,243
	<hr/>	<hr/>
	898,711	826,400
<hr/>		

**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:

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 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

# Water Environment Association of Ontario

## Notes to the Financial Statements

Year Ended December 31, 2018

(Prepared without audit)

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.

### 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, prepaid fees for the conference and other events.

	2018	2017
	\$	\$
Biosolids video	10,625	10,625
Prepaid conference registrations	67,584	4,516
Prepaid conference sponsorships	20,380	21,985
Other prepaid fees	<u>1,325</u>	<u>12,275</u>
	<u>99,914</u>	<u>49,401</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.

##### (a) Interest rate risk

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

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

**(b) 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.



# Water Environment Association of Ontario

## Notes to the Financial Statements

Year Ended December 31, 2018

*(Prepared without audit)*

### 5 Property and equipment

			2018	2017
Accumulated Cost	Amortization		Net Book Value	Net Book Value
		\$	\$	\$
Computer hardware		26,252	18,229	8,023
Furniture and fixtures		21,868	11,077	10,791
<b>48,120</b>	<b>29,306</b>		<b>18,814</b>	<b>22,077</b>

### 6 Net assets

The organization has internally allocated net assets as follows:

	2018	2017
	\$	\$
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	0	17,740
Special projects fund	3,001	19,427
Operating reserve	700,000	0
Operating fund	<b>134,327</b>	<b>728,007</b>
<b>861,371</b>	<b>789,217</b>	

### 7 Commitments

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

	\$
Year ended December 31, 2019	1,056
Year ended December 31, 2020	1,056
Year ended December 31, 2021	1,056
Year ended December 31, 2022	1,056
Year ended December 31, 2023	704
	<u>4,928</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 0.5%, maturing September 12, 2019.

### 9 Commitments

The company operates from leased premises and is required to make monthly lease payments of \$2,989 until the expiry of the lease on May 31, 2019.