



ONE WORLD

ONE WATER



**ABC**  
Association of  
Boards of Certification

**2014 Annual Report**

# A MESSAGE FROM OUR CEO

## PAUL D. BISHOP, CAE



"One World, One Water" is an all-encompassing theme for the Association. It embodies the year we had and the year ahead for an organization that is maturing as a mission-driven, member-based association. In this annual report, you will read about the remarkable things our association accomplished as we worked together to set a course in uncharted waters. In fact, for the first time in our history, ABC's efforts in producing and publishing the *Model Standards of Operator Certification* were recognized by our peers in the association world with an ASAE Power of A Silver Award. What we are never fully able to share in this report or any of our communications, are all the stories of the individuals that make these successes possible.

However, this year I believe the six water and wastewater operators who received their Professional Operator (PO) certification and designation are the embodiment of all of these dedicated volunteers and the staff who work tirelessly behind the scenes to support their efforts. Their unwavering commitment to excellence carries us day in and day out, and inspires the Board, Commission, and staff to put their best efforts forward every day. As the CEO, I knew a year ago that we had mountains to climb, but I also knew this team of volunteers and staff were capable of accomplishing everything we set out to do. The list was daunting but none more so than the launch of our PO program and running our first operators through the program. Yet, the volunteers and staff not only got it done, but their efforts received the highest accolades of our industry partners.

On Sept. 28, it all came together when the six individuals, who represent the best our industry has to offer, were recognized as leaders in the field of environmental protection and public health. As an industry we came together to honor them and to honor the thousands of men and women who stand anonymously behind them selflessly as dedicated heroes of our public health and environment.

The night we honored Shaun Livermore; Ari Copeland; Diana Wilson, P.E.; Sheldon Primus; Brian Thorburn; and Gregory Stephens, we entered into new waters and charted a course for our industry. There is no going back and many of you played a large role in making those dreams a reality.

Before I had the honor of serving at the CEO, I knew little of where our water came from or where it went. Six years later, the mechanics of it all are still a mystery, but the men and women I've come to know, who serve on the front lines of public health system, truly are consummate professionals. In my career, I have met many of our nation's leaders as well as many dignitaries, but none of that compares to the honor and privilege I was given of placing the Professional Operator (PO) pin on our first class of POs. I am humbled by their silent leadership and dedication in service to all of mankind.

As we honored those men and women, we acknowledged the need for all operators to be recognized as professionals. We have accepted that a new way of sustaining our workforce is necessary if we are to address the critical issues facing our society. We recognized that we are - "One World, One Water."

# A MESSAGE FROM YOUR 2014 PRESIDENT

## BRIAN THORBURN, PO



Another exciting year has come and gone with ABC. Our 2014 theme of “One World, One Water” exemplifies the work that ABC has been able to accomplish thanks to great members, great staff, and many exceptional volunteers. ABC is one world thanks to having an international membership along with international volunteers who make up this great Association.

A great example of “One World, One Water” was taking part in the most recent job analysis workshop in September. With so many different subject matter experts from so many different places and different systems sitting around the same table, one would think that

there would be many different views and opinions on the various items discussed. This is where One Water comes in, as protection of public health and the environment is the same no matter where you go. Some cities face different challenges in terms of water quality or environmental issues, but they all want the same outcomes and agree with the means on how to achieve these outcomes.

After the release of the *Model Standards* in Jan. 2014, which was groundbreaking for certification programs, ABC could have simply sat on its laurels, as the *Model Standards* was a major accomplishment many years in the making. But now, ABC has added the Model Standards Conformity Assessment Service for certification programs, enabling programs to measure how they are performing and determine if there is any room for improvement. This is a great advancement for certification programs to be able to measure themselves with an independent review.

In the same way that the *Model Standards* were a major milestone for certification programs, the 2014 release of the Professional Operator certification and designation program was a milestone for certified operators. Operators who are the front line of public health and the environment for water are finally able to achieve the recognition and accreditation that they should have had years ago. It’s never been a better time to be a Professional Operator.

Our great membership and support from all of you over the years enable us to flourish as an association and to continue to make improvements in our program and our services that we offer. Meeting many of our members at the Annual Conference and realizing the experience and professionalism that they all bring to the certification process, illustrated the importance and vitality of operator certification.

ABC’s CEO and professional staff continue to lead the way in terms of dedication and innovation. Their endless supply of enthusiasm and great ideas enable us to stay relevant and help us meet the ever-changing demands of our industry.

Thank you also to the countless volunteers on ABC’s Board, C2EP, and all of our committees. Serving with ABC as a volunteer requires many hours of meetings, webinars, and conference calls, and thanks to everyone’s passion we are able to keep our volunteer pool full. A great example of this was seeing all the new faces at the recent Job Analysis Advisory Committee meetings – faces which are the future of our volunteer network.

It has been an honour to serve you as President in 2014, and I look forward to watching ABC continue to grow and flourish under its future great leaders in our industry.

# A MESSAGE FROM YOUR 2014 PRESIDENT-ELECT RAY OLSON



2014 was a banner year for operator certification. Operators will no longer be satisfied by simply being a certified operator. Now they can aspire to be a Professional Operator! The health of many resides in the hands of a few and the responsibility of this fact is great. Professional Operators will enjoy the recognition of their hard work, their dedication to their craft, and the satisfaction of serving their community. But these professionals won't be able to rest on their laurels because they will need to stay up-to-date on the changing technologies and methodologies of the water industry. While the water treated today is the same water that existed thousands of years ago, the demand to preserve this natural resource in its pristine condition is forever increasing. Professional Operators will need to stay current with changes being made in processing and delivering drinking water, as well as returning it to receiving waters.

Protecting human health and the environment is a charge all operators take seriously. The drinking water they treat today will be retreated tomorrow for other consumers. Our 2015 conference theme is "One World, One Water", and the responsibility placed on operators and the certification community to protect this water is staggering. Staggering yes, but insurmountable? Not hardly. Today's members and past volunteers have helped ABC meet the challenge of certifying operators for many years. Volunteers on all of our committees are the heart and soul of ABC. I have been impressed with the knowledge and the enthusiasm to contribute that I have seen from our volunteers over the years. I am grateful for their dedication and energy and am humbled to have worked alongside them.

The visionary leadership of Paul D. Bishop, CAE and the tireless commitment of his talented staff and dedicated volunteers have accounted for many changes and improvements in environmental certification. Certainly the *Model Standards of Operator Certification* and the formation of the Certification Commission for Environmental Professionals (C2EP) in recent years demonstrate a leap forward from the past. I cannot begin to share my excitement for the Professional Operator (PO) designation that saw its first graduating class being honoured at WEFTEC in New Orleans this past September. One of our volunteer leaders said, "Today is a new day," in reference to the pinning of our first PO class. ABC has worked closely with professional associations such as WEF and AWWA to ensure the PO designation is supported by these associations and sought after by their members. I don't believe it is out of the question to see an exponential growth in the number of Professional Operators over the next few years.

It is an honor to serve as ABC's President in 2015. It is also very humbling when I consider the knowledge and talents of the volunteers I have worked with on ABC committees. Environmental certification presents ever-changing challenges to certification programs, but ABC is certainly capable to meet them. My challenge as ABC's president is to support current volunteers and ABC staff in their quest for excellence and to find new volunteers with the same energy and incredible dedication to share their knowledge and ideas as we move forward.



# A MESSAGE FROM YOUR C2EP CHAIR

## JOHN SOLVIE



2014 was another remarkable year in the life of ABC. It presented opportunities and challenges for the certified community, both of which served as catalysts for ABC and the Certification Commission for Environmental Professionals (C2EP) to carry professional operator certification to the next level.

New job analyses for our 4-Core Programs were initiated in 2014. Having all of our Scheme Committees now convening at the same time has greatly enhanced the continuity between programs. Doing so has also broadened the knowledge base of each program, and streamlined C2EP's exam development processes. Hundreds of operators from across North America are eagerly participating in the job survey.

The culmination of years of targeted efforts by many was rolled out in September at ABC's Professional Operator (PO) Pinning Ceremony in New Orleans. For the first time, operators now have a pathway to earn an international credential and be publicly recognized as Professional Operators. The credential authorizes operators who meet C2EP's rigorous standards to proudly display PO after their names. In the past, similar credentials were only available to other professions such as accountants, engineers, and architects.

What stands behind C2EP's PO credential is nothing short of monumental. It involved many years of work, hundreds of subject matter experts, and dozens of certifying authorities from across North America who came together for the united purpose of raising the bar for the operator profession.

The goal of the PO credential is to enhance regulatory and non-regulatory certification programs. For operators, this translates to increased income potential, expanded job opportunities, increased mobility, and well-deserved recognition. C2EP Commissioner Chuck Van Der Kolk said it best on the day of the PO Pinning Ceremony... *"Today is the greatest day in the history of the water profession."*

Special thanks to Laurie Sharp, who stepped down as C2EP Chair in 2014. Her efforts to establish a strong foundation for C2EP to build upon since its inception leave a lasting legacy, and will not be forgotten.

The field of psychometrics is an ever-moving target, and C2EP is committed to remaining on the cutting edge, both for Professional Operators and for ABC member programs who utilize C2EP's standardized examinations. The professional certification industry is all about the journey as we never arrive. Looking forward to where the journey leads us in 2015.

# OUR MEMBERS & VOLUNTEERS

## In the Spotlight - Ohio EPA Operator Certification Program

Ohio EPA's operator certification program has a long history of certifying highly competent operators. Established in 1937, the program started with 272 examinees across eight classes of certification (four each for water and wastewater treatment). Today, the program has grown to 12,000 certified operators in four disciplines - water supply, water distribution, wastewater treatment, and wastewater collection.

Andy Barienbrock, Supervisor for Ohio EPA's Division of Drinking and Ground Waters, has been involved with Ohio EPA's operator certification program since 2003, and has seen the number of certified operators double over the past 11 years. Barienbrock and his staff have continued expanding the program by implementing continuing education requirements and establishing minimum staffing requirements for public water systems and wastewater treatment facilities. This year, Ohio EPA worked alongside ABC to develop a third party examination process, allowing operators to work directly with ABC to take their exams.

Involvement with ABC has also allowed Barienbrock to benchmark his program against other state programs, and has given him the opportunity to be involved with the development of ABC's *Model Standards of Operator Certification*. "The *Standards* have set a bar for certification programs to strive for," Barienbrock said. "A program can point to the *Standards* as justification to make changes to their programs. The *Standards* offer the potential for a level of consistency between all operator certification programs.

Barienbrock is confident of the certification program's future with ABC. "We look forward to continuing relationships with other certification programs and continuing to develop the profession of certified operators," he said. "We expect ABC will be on the forefront of exam development and validation which will allow states to defend their certification processes."

Learn more about Ohio EPA's operator certification program by visiting: <http://www.epa.state.oh.us/ddagw/opcert.aspx>.



## National Tribal Water Council (NTWC)

ABC is pleased to be in our third year of partnering with United South & Eastern Tribes, Inc. (USET) on a grant that supports the NTWC through 2016. ABC assists the Council with their policies and procedures, bylaws, website, design templates, and meeting management. The Council held two meetings this year; one in Washington, D.C. in April and the other in St. Petersburg, Fla. in November.



## Member & Volunteer Recognition

Nothing is more important to us than our members and volunteers. Their accomplishments and dedication to the industry are second to none, and we were proud to recognize them in an awards ceremony at our 27th Annual Conference in Charleston, S.C.

### Harris F. Seidel Lifetime Achievement Award

- **Chip Mackey**, New Hampshire Drinking Water Certification Program

### Robert C. McAnespie Outstanding Certification Officer Award

- **Judy Carter**, State of Washington

### Jess Jones Excellence in Service Award

- **Laurie Sharp**, Iowa Department of Natural Resources (DNR) Water and Wastewater Operator Certification Program

### Certification Program Award

- **United South & Eastern Tribes, Inc.**

### Presidential Awards

- **American Water Works Association (AWWA)**
- **Water Environment Federation (WEF)**
- **Mike Wentink**, Nebraska Operator Certification Program
- **ABC Staff**



## Job Analysis Advisory Committee (JAAC)

Starting in August, 34 Subject Matter Experts (SMEs) began their eight-month commitment as members of the Job Analysis Advisory Committee (JAAC). Representing water treatment, water distribution, wastewater collection, and wastewater treatment operators, these volunteers work with ABC, C2EP, and the psychometric partner Applied Measurement Professionals (AMP) to identify the critical knowledge, skills, and abilities that operators need to perform their jobs safely. This information will be compiled into job analysis surveys, which will allow operators to play a crucial role in helping the JAAC develop exam specifications. These specifications will determine the topics included in future standardized exams developed by ABC and C2EP.



In September, the JAAC met with AMP in Des Moines, Iowa to begin drafting the job analysis surveys. Each of the four Committees worked with an AMP psychometrician in an intensive two-day meeting to carefully review job task lists.

## Expanding Our AMP Partnership



Applied Measurement Professionals (AMP) has been ABC's trusted Computer-Based Testing (CBT) provider since 2004, serving more than 20 of ABC's member certification programs. The start of yet another trusted AMP partnership began this year as AMP became ABC's psychometric partner as well. During an initial planning meeting at AMP's headquarters, psychometrician Andrew Falcone, Ph.D., and other AMP leaders met with ABC staff to discuss upcoming initiatives, including plant point rating system updates, an eligibility workshop, certification webinars, and the highly anticipated Job Analyses (JAs). AMP has been an essential leader in the JA process, providing guidance on strategy, coordinating subject matter expert committees, and carrying out survey construction and analysis.

### Did You Know?

#### ABC is Now an Approved Exam Provider for Ohio EPA!

On Oct. 24, 2013, ABC became an approved exam provider for Ohio EPA. This new relationship gives qualified Ohio operators the opportunity to work directly with ABC and AMP to schedule standardized ABC exams. After passing the exam, operators can simply send their results and certification application to Ohio EPA to complete their certification. Ohio operators can choose to complete their ABC standardized exam at several AMP assessment centers across the state and more than 200 across the U.S., each offering exam sessions six days a week.



## Model Standards Conformity Assessment Service

ABC's Model Standards Conformity Assessment Service had another successful year of assisting certifying authorities in reviewing their program against our *Model Standards of Operator Certification*, the industry's first comprehensive standards for water and wastewater operator certification programs. When a certifying authority requests an assessment, an operator certification subject matter expert and an ABC staff member work together with the certifying authority to review program documentation and conduct an on-site audit. The information is then reviewed and compiled into a report detailing areas where the Standards are met, as well as areas that have room for improvement.



Paul Niman, Chair of the Massachusetts Board of Certification of Operators of Drinking Water Supply Facilities was pleased with the value the assessment brought to his program. "I would definitely recommend this service to other programs because the review was conducted in a professional manner by very knowledgeable individuals," Niman said. "The Model Standards Conformity Assessment Service will enable the Board to conduct a full review of its certification program to determine what changes may improve our program."

Laurie Sharp, head of Iowa Department of Natural Resources' Iowa Operator Certification Program found her program's assessment to be an eye-opening experience as it addressed not only known issues, but also aspects of the program that had remained the same for many years and could now be updated and improved. "It was important for our Iowa stakeholders to see that outside assessors had some of the same concerns that IDNR program people have; it adds credibility to some of our rule-changing, program-enhancing goals," Sharp said, "I would highly recommend this process to any program who is truly looking to position their certification program as one that produces and supports competent, professional operators."

## 2014 Exam Totals

Web-Based

5,547

Paper-Based

16,182

Computer-Based

11,093

## 2014 Top Ops Champions - Congratulations Palm Coast Water Buoy!

It was a fierce battle at this year's Top Ops Competition, held annually at the American Water Works Association (AWWA) Annual Conference and Exposition (ACE). Eighteen teams competed against each other by answering a tough volley of questions designed to challenge even the most experienced operator. As a proud sponsor, ABC assisted the Top Ops Subcommittee with validating and sorting the questions into increasingly-difficult elimination rounds.

When the dust cleared, Fred Greiner, Jim Hogan, Tom Martens, and Peter Roussell of the Palm Coast Water Buoy from the AWWA Florida Section stood victorious. "We as a team were driven to come back strong in 2014 and put forth our best effort," said Hogan, who serves as the Water Buoy's coach. The team has a long history with Top Ops competitions, but were unable to attend the 2013 competition. "It was very gratifying to perform well and win back the championship title," Hogan said. The Water Buoy are no strangers to the winner's podium. Since 2005, they have won the Florida Section AWWA Top Ops competition eight times and the AWWA National Championship five times.



From left: Tom Martens, Fred Greiner, Jim Hogan, and Peter Roussell

But it's not just about the winning. The team enjoys the chance to meet operators from across the United States and Canada, and are proud of what their success brings to their community. They prepare for the competition by keeping up-to-date on technical manuals throughout the year, while developing an ever-growing bank of study questions, but then go one step further by helping train the entire operations staff of the City of Palm Coast Public Works/Utility Division. Hogan says the Water Buoy "pride themselves on being an integral part of the city's objective of being good stewards of the environment, maximizing the use of a finite and precious water resource, utilizing an alternative water supply, and providing a sustainable solution for the future." The City of Palm Coast shows pride in the team as well, giving the Water Buoy public recognition of their success at City Council meetings.

The Palm Coast Water Buoy were presented with team and individual trophies, including the traveling Top Ops Champions Trophy, and ABC prizes. A special thank you to Top Ops Judges Darrel Blanchard, Kenneth Kerri, and ABC's 2014 President Brian Thorburn, PO.

## Annual Conference & Trainers Workshop

### HIGHLIGHTS

- Nearly 110 attendees heard from industry professionals from the Water Environment Federation (WEF), American Water Works Association (AWWA), National Rural Water Association (NRWA), and the United States Environmental Protection Agency (USEPA) about current and upcoming initiatives.
- During the first national press call for the *Model Standards of Operator Certification*, attendees listened in as the history of the *Model Standards* was shared and questions from the press were answered.



Attendees participated in networking opportunities with fellow conference-goers and ABC staff during the 3rd Annual Walk in beautiful Charleston, South Carolina.



### "How to Leave a Lasting Legacy"

Keynote speaker Adam Carroll had a captive audience as he shared the four legacies that we should leave for future generations. Thanks to generous sponsorship by NACE International, Carroll also provided all attendees with a copy of his book *Winning The Money Game*.





# PROFESSIONAL OPERATOR CERTIFICATION & DESIGNATION



PROFESSIONAL  
OPERATOR

C2EP's new Professional Operator (PO) Certification and Designation program continues to run full speed ahead from its official launch in September. Designed to provide operators the opportunity to showcase their incredible skill, the Professional Operator (PO) designation is awarded to C2EP-certified water environment industry operators, signifying they have met the most rigorous standards of their profession. To earn the PO designation, operators must pass the relevant C2EP certification exam and meet specific education and job experience requirements.

A brand new PO website, a fully integrated database portal, and a pinning ceremony for the first class of POs were among the many 2014 highlights for the program.

## Professional Operator Portal



Operators will now find a much more streamlined process to applying for certification. The new Professional Operator Portal allows operators to build and maintain their applications entirely online.



## [www.ProfessionalOperator.org](http://www.ProfessionalOperator.org)

C2EP's new Professional Operator website gives operators a one-stop shop for everything PO, including applying for and managing certifications, finding volunteer opportunities, and keeping up-to-date with industry news and events.



### Pinning Reception and Ceremony

Six dedicated water operators were presented with their Professional Operator certificates and pins during a ceremony and reception at WEFTEC in New Orleans this past September. Supported by their peers and leaders from ABC; C2EP; the American Water Works Association (AWWA); California State University, Sacramento; the Water Environment Federation (WEF); the US Water Alliance; and other industry organizations; this first class of Professional Operators were pinned as POs by ABC CEO Paul Bishop and received their certifications from C2EP Chair John Solvie.



PROVIDE  
PRESERVE  
PROTECT

#### Congratulations to our first class of POs:

- Diana Wilson, P.E., PO
- Brian Thorburn, PO
- Gregory Stephens, PO
- Sheldon Primus, PO
- Shaun Livermore, PO
- Ari Copeland, PO

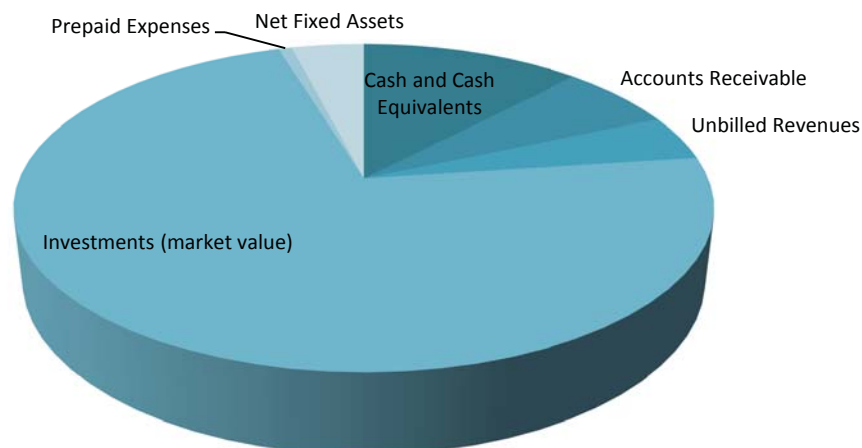
# 2014 FINANCIALS

## A Message From Our Financial Services Manager, Sarah Cronk

In 2014, ABC made a change to the process by which it accounts for pass-through income. Pass-through income is income that is received, but is immediately passed through ABC and given to another entity. In this case, ABC would receive testing fees and pass a portion to AMP. In prior years, ABC would recognize the entire amount as income, and then recognize an expense to AMP. This year, ABC only recognized the ABC portion as revenue, and did not account for AMP's portion in any way. This process change caused ABC's testing revenue to appear lower, but eliminated the expense to AMP. ABC's reported net income for 2014 was not affected by this accounting change. The purpose of this change was to provide a cleaner, more concise picture of ABC's income stream.

BALANCE SHEET			
ASSETS		LIABILITIES & NET ASSETS	
Cash and Cash Equivalents	\$207,777	<b>Liabilities</b>	
Investments (market value)	\$1,239,227	Accounts Payable	\$119,288
Accounts Receivable	\$108,697	Deferred Revenues	\$34,625
Unbilled Revenues	\$75,420	Accrued Expenses	\$117,642
Prepaid Expenses	\$12,531	<b>Total Liabilities</b>	<b>\$271,555</b>
Net Fixed Assets	\$67,855	Unrestricted Net Assets	\$1,439,952
<b>Total Assets</b>	<b>\$1,711,507</b>	<b>Total Liabilities and Net Assets</b>	<b>\$1,711,507</b>

## Asset Distribution 30 September, 2014

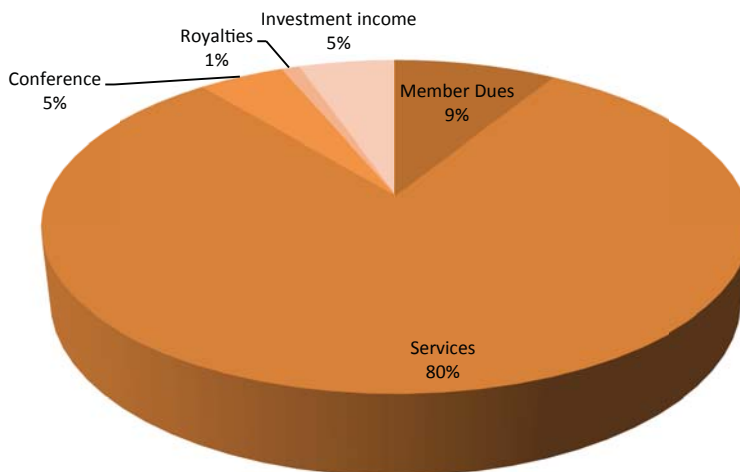


REVENUE & EXPENSES	
REVENUE & SUPPORT	
Member Dues	\$132,188
Services	\$1,210,371
Conference	\$69,911
Royalties	\$15,009
Investment Income	\$79,996
Other Revenue	\$3,003
<b>Total Revenue &amp; Support</b>	<b>\$1,510,478</b>
Expenses	
Staffing Costs & Development	\$743,079
Professional & IT Services	\$241,079
Conference	\$70,288
Meetings & Travel	\$167,184
Service/Program Improvement	\$88,816
Rent, Utilities, Repair	\$81,312
Marketing	\$23,541
Supplies, Mailing, Printing	\$50,571
Insurance	\$8,624
Depreciation	\$20,186
Other Expenses	\$6,241
<b>Total Expenses</b>	<b>\$1,500,921</b>
<b>Net Increase in Unrestricted Net Assets</b>	<b>\$9,557</b>

## 2014 Financial Highlights

- Directly contributed more than \$50,000 to reserves. Total reserves enjoyed a growth rate of nearly seven percent for the year.
- Funded the Job Analysis and Testing Improvement initiatives in excess of \$88,000.
- Funded the Database, Website, and Certification Portal projects in excess of \$86,000.
- Invested nearly \$44,000 in Fixed Assets and facility improvements.
- When adjusted for an accounting change, service revenues showed an increase of \$127,000 or approximately twelve percent.
- ABC's financial statements received an unqualified (clean) opinion following the independent annual audit. No material weaknesses were identified during the audit.

## Income Distribution FYE 2014



# 2014 ABC BOARD OF DIRECTORS



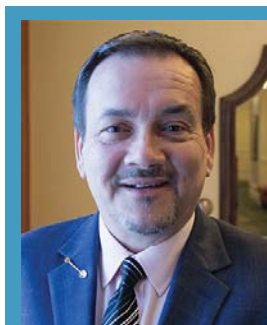
**President**  
**Brian Thorburn, PO**  
Environmental Operators  
Certification Program  
Parksville, BC, Canada



**President-Elect**  
**Ray Olson**  
Distribution System Resources  
Lone Tree, Colo.



**Vice President**  
**Mike Gosselin**  
Environmental Operators  
Certification Program  
Kelowna, BC, Canada



**Immediate Past-President**  
**Brent Herring**  
Rhode Island Drinking Water  
Operator Certification Board  
Providence, R.I.



**At-Large Division Director**  
**Kathy Abramowski**  
Alberta Environment &  
Sustainable Resource Development  
Edmonton, AB, Canada



**Water Division Director**  
**Ken Smith**  
Alaska Department of  
Environmental Conservation  
Juneau, Alaska



**Wastewater Division  
Director**  
**Michael Bolt**  
United South & Eastern Tribes, Inc.  
Cherokee, N.C.



**AWWA Representative**  
**Laurie Dougherty**  
Illinois Section AWWA  
St. Charles, Ill.



**WEF Representative**  
**Chuck Weir**  
Weir Technical Services  
Pleasanton, Calif.



**Ex Officio**  
**Paul D. Bishop, CAE**  
ABC Chief Executive Officer  
Ankeny, Iowa



# 2015 ABC BOARD OF DIRECTORS



**President  
Ray Olson**  
Distribution System Resources  
Lone Tree, Colo.



**President-Elect  
Mike Gosselin**  
Environmental Operators  
Certification Program  
Kelowna, BC, Canada



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Environmental Conservation  
Juneau, Alaska



**Wastewater Division  
Director  
Paul Spina**  
New England Interstate Water  
Pollution Control Commission  
Lowell, Mass.



**AWWA Representative  
Laurie Dougherty**  
Illinois Section AWWA  
St. Charles, Ill.



**WEF Representative  
Chuck Weir**  
Weir Technical Services  
Pleasanton, Calif.



**Ex Officio  
Paul D. Bishop, CAE**  
ABC Chief Executive Officer  
Ankeny, Iowa

# 2014 CERTIFICATION COMMISSION FOR ENVIRONMENTAL PROFESSIONALS



**Chair**  
**Laurie Sharp**  
Iowa Operator  
Certification Program  
Des Moines, Iowa



**Vice Chair**  
**John Solvie**  
City of Las Vegas  
Las Vegas, Nev.



**Distribution Operations  
Commissioner**  
Chuck Van Der Kolk  
Zeeland Board of Public Works  
Zeeland, Mich.



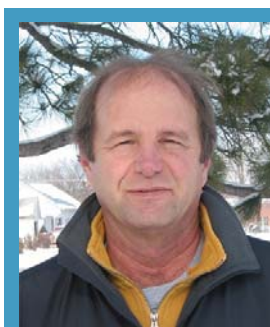
**Collection Operations  
Commissioner**  
Lonn Rasmussen  
Cottonwood Improvement District  
Sandy, Utah



**Water Treatment  
Operations Commissioner**  
Andrew Houlihan  
Halifax Water  
Halifax, NS, Canada



**Wastewater Treatment  
Operations Commissioner**  
LeAnna Risso  
Clark County Water  
Reclamation District  
Las Vegas, Nev.



**Commissioner-At-Large**  
**Mike Wentink**  
Nebraska Operator  
Certification Program  
North Platte, Neb.



**Ex Officio**  
**Brian Thorburn, PO**  
ABC President;  
Environmental Operators  
Certification Program  
Parksville, BC, Canada



**Ex Officio**  
**Paul D. Bishop, CAE**  
ABC Chief Executive Officer  
Ankeny, Iowa

# 2015 CERTIFICATION COMMISSION FOR ENVIRONMENTAL PROFESSIONALS



**Chair**  
**John Solvie**  
City of Las Vegas  
Las Vegas, Nev.



**Vice Chair**  
**Mike Wentink**  
Nebraska Operator  
Certification Program  
North Platte, Neb.



**Distribution Operations  
Commissioner**  
Chuck Van Der Kolk  
Zeeland Board of Public Works  
Zeeland, Mich.



**Collection Operations  
Commissioner**  
Lonn Rasmussen  
Cottonwood Improvement District  
Sandy, Utah



**Water Treatment  
Operations Commissioner**  
Andrew Houlihan  
Halifax Water  
Halifax, NS, Canada



**Wastewater Treatment  
Operations Commissioner**  
LeAnna Risso  
Clark County Water  
Reclamation District  
Las Vegas, Nev.



**Ex Officio**  
**Ray Olson**  
ABC President;  
Distribution System Resources  
Lone Tree, Colo.



**Ex Officio**  
**Paul D. Bishop, CAE**  
ABC Chief Executive Officer  
Ankeny, Iowa



# 2014 ABC BOARD OF DIRECTORS COMMITTEE CHAIRS

## Awards

**Brent Herring**, Rhode Island Drinking Water  
Operator Certification Board  
Providence, R.I.

## Bylaws/Policies & Procedures

**Mike Gosselin**, Environmental Operators  
Certification Program  
Kelowna, BC, Canada

## Canadian Certification

**Kathy Abramowski**, Alberta Environment &  
Sustainable Resource Development  
Edmonton, AB, Canada

## Communications

**Michael Bolt**, Eastern Band of Cherokee Indians  
Cherokee, N.C.

## Conference

**Ray Olson**, Distribution System Resources  
Lone Tree, Colo.

## Finance

**Brian Gildner**, Ontario Water and Wastewater  
Operator Licensing Program  
Toronto, ON, Canada

## Membership

**Kathy Abramowski**, Alberta Environment &  
Sustainable Resource Development  
Edmonton, AB, Canada

## Nominating

**Brent Herring**, Rhode Island Drinking Water  
Operator Certification Board  
Providence, R.I.

## Strategic Planning

**Kim Dyches**, Utah DEQ  
Salt Lake City, Utah

## Trainers

**Kevin Kundert**, eTrain Online-Waterhelp.org  
Belgrade, Mont.

# 2014 C2EP SCHEME COMMITTEE CHAIRS

## Biosolids

**Bill Toffey**, Mid-Atlantic Biosolids Association  
Philadelphia, Pa.

## Collection

**Lonn Rasmussen**, Cottonwood  
Improvement District  
Sandy, Utah

## Cross-Connection Control

**Douglas Griffin**, Carroll County Water Authority  
Carrollton, Ga.

## Distribution

**Chuck Van Der Kolk**, Zeeland Board of  
Public Works  
Zeeland, Mich.

## Industrial Waste Treatment

**Gayle Lammers**, URS Washington Division  
Commerce City, Colo.

## Laboratory

**Pam Schweitzer**, Environmental Management  
Corporation  
O'Fallon, Mo.

## Plant Maintenance Technologist

**Kim Dyches**, Utah DEQ  
Salt Lake City, Utah

## Wastewater Treatment

**John "Jack" Vanderland**, Virginia Board for  
Waterworks and Wastewater Works Operators  
Ruther Glen, Va.

## Water Treatment

**Andrew Houlihan**, Halifax Water  
Halifax, NS, Canada



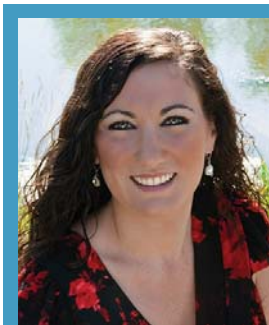
# 2015 ABC STAFF



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# 2014 ABC MEMBERS

## REGULATORY & VOLUNTARY MEMBERS

1. Alabama Water & Wastewater Operator Certification Program (WT, Dist, WWT, Coll)
2. Alaska Department of Environmental Conservation Division of Water (WT, Dist, VSWS, WWT, Coll, SWWS)
3. Alberta Environment & Sustainable Resource Development (WT, Dist, VSWS, WWT, Coll, SWWS)
4. Arab Countries Water Utilities Association (ACWUA)
5. Arizona Operator Certification Program (WT, Dist, WWT, Coll)
6. Arkansas Drinking Water Advisory and Operators Licensing Committee (WT, Dist, VSWS)
7. Arkansas Wastewater Licensing Committee (WWT, BIW, PCIW)
8. Atlantic Canada Water & Wastewater Voluntary Certification Program (WT, Dist, VSWS, WWT, Coll, SWWS, BIW)
9. British Columbia Environmental Operators Certification Program (WT, Dist, VSWS, WWT, Coll, SWWS, BIW)
10. California Water Treatment Operator Certification (WT, Dist)
11. California State Water Resources Control Board (WWT)
12. California/Nevada Section AWWA Certification Program (WT, Dist, WLA, CCC, BPAT)
13. California Water Environment Association (WWT, Coll, WWLA, BLA, Insp, Main)
14. Caribbean Water and Sewerage Association, Inc. (WT, Dist, VSWS, WWT, Coll, WLA, WWLA)
15. Colorado Water and Wastewater Facility Operators Certification Board (WT, Dist, VSWS, WWT, Coll, SWWS)
16. Connecticut Department of Public Health - Drinking Water Section (WT, Dist, VSWS, WWT, Coll, SWWS)
17. Connecticut DEEP - Municipal Facilities Section - Laboratory Analyst Certification (WWLA)
18. Connecticut DEEP - Municipal Facilities Section - Wastewater Treatment - Operator Certification Program (WWT, BIW)
19. Delaware Board of Certification for Wastewater Operators (WWT, SWWS, BIW, PCIW)
20. Permanent Certification Committee (WT, WWT, WLA, WWLA)
21. Florida DEP Water/Wastewater Operator Certification Program (WT, Dist, WWT)
22. Florida Section AWWA (Dist)
23. Georgia State Board of Examiners for Certification of Water & Wastewater Treatment Plant Operators & Laboratory Analysts (WT, Dist, VSWS, WWT, Coll, SWWS, PCIW, WLA, WWLA)
24. Georgia Association of Water Professionals (BPAT, Main)
25. Government of Newfoundland and Labrador
26. Guam Environmental Protection Agency (WT, Dist, WWT, Coll)
27. Hawaii Board of Certification of Public Water System Operators (WT, Dist)
28. Hawaii Board of Certification of Operating Personnel in Wastewater Treatment Facilities (WWT)
29. Idaho Bureau of Occupational Licenses (WT, Dist, VSWS, WWT, Coll, SWWS, WLA, WWLA)
30. Indiana Department of Environmental Management (WT, Dist, VSWS)
31. Indiana Water Environment Association (Coll)
32. Inter Tribal Council of Arizona, Inc. (WT, Dist, WWT, Coll, SWWS, WLA, WWLA)
33. Iowa Operator Certification Program (WT, Dist, WWT)
34. Iowa Water Environment Association (Coll)
35. Jordan Operator Certification Program
36. Kansas Water Environment Association Voluntary Certification Program (Dist, Coll, BIW, PCIW, WLA, WWLA, BLA, Main)
37. Kentucky Operator Certification & Licensing Program (WT, WWT, Coll, Dist, Bottled Water, SolW)
38. Kentucky Water and Wastewater Operators Association, Inc. (WLA, WWLA)
39. Maine Board of Licensure of Water Treatment Plant Operators (WT, Dist, VSWS)
40. Maine Wastewater Operator Certification Program (WWT)
41. Manitoba Conservation (WT, Dist, VSWS, WWT, Coll, SWWS)
42. Maryland State Board of Waterworks and Waste Systems Operators (WT, Dist, VSWS, WWT, Coll, SWWS, BIW, PCIW, BLA)
43. Massachusetts Board of Certification of Operators of Drinking Water Supply Facilities (WT, Dist, VSWS)
44. Massachusetts State Board of Certification of Operators of Wastewater Treatment Facilities (WWT, PCIW)
45. Minnesota Department of Health (WT, Dist, VSWS)
46. Mississippi Department of Health (WT, Dist, BPAT)
47. Mississippi Department of Environmental Quality (WWT, Coll)
48. Missouri Department of Natural Resources (WT, Dist, WWT, CAFO - Concentrated Animal Feeding Operations, Waste Management)
49. Montana Water and Wastewater Operators' Advisory Council (WT, Dist, VSWS, WWT, SWWS, BIW, PCIW, on-site WW)

# 2014 ABC MEMBERS

50. Native American Water Association (WT, Dist, VSWS, WWT, Coll, WLA, WWLA)
51. Navajo Nation Utility Operators Certification Program (WT, Dist)
52. Nebraska Wastewater Treatment Plant Operator Certification Program (WWT, BIW, PCIW)
53. Nevada Department of Environmental Protection - Safe Drinking Water Division
54. Nevada Water Environment Association (WWT, Coll, BIW, PCIW, WWLA, Industrial Waste Inspector, Main)
55. New Brunswick Apprenticeship and Occupational Certification (WT, Dist, WWT, Coll)
56. New Hampshire Department of Environmental Services (WT, Dist, VSWS)
57. New Jersey Water Supply and Wastewater Operators Board of Examiners (WT, Dist, VSWS, WWT, Coll, BIW)
58. New York State Department of Health (WT, Dist, VSWS)
59. New York Qualifications of Operators of Wastewater Plants (WWT)
60. New York Water Environment Association, Inc. (Coll)
61. New York Backflow Prevention Device Tester Certification (CCC, BPAT)
62. North Carolina Water Pollution Control System Operators, Certification Commission (WWT, VSWS, Coll, SWWS, BIW, PCIW, SolW, BLA, Animal Waste, Subsurface WW)
63. North Carolina AWWA & WEA (WWLA, Main)
64. Commonwealth of the Northern Mariana Islands (WT, Dist, WWT, Coll)
65. Government of the Northwest Territories (WT, Dist, VSWS, WWT, Coll, SWWS)
66. Nova Scotia Water and Wastewater Operator Certification Program (WT, Dist, VSWS, WWT, Coll)
67. Ohio EPA - Certification Unit (WT, Dist, VSWS, WWT, Coll, SWWS)
68. Ohio Water Environment Association (PCIW, WWLA, BIW)
69. Oklahoma Department of Environmental Quality (WT, Dist, VSWS, WWT, Coll, SWWS, WLA, WWLA)
70. Ontario Water and Wastewater Operator Licensing Program (WT, Dist, VSWS, WLA, WWT, Coll)
71. Oregon Health Authority (WT, Dist)
72. Oregon Department of Environmental Quality (WWT, Coll)
73. Pennsylvania State Board for Certification of Water and Wastewater System Operators (WT, Dist, VSWS, WWT, Coll, SWWS, WLA, WWLA)
74. Prince Edward Island (WT, Dist, VSWS, WWT, Coll, SWWS)
75. Rhode Island Drinking Water Operators Certification Board (WT, Dist, VSWS)
76. Rocky Mountain Water Environment Association (BLA)
77. Saskatchewan Operators Certification Program (WT, Dist, VSWS, WWT, Coll, SWWS)
78. PUB, Singapore's National Water Agency (WT, WWT, Coll)
79. South Carolina Environmental Certification Board (WT, Dist, VSWS, WWT, PCIW, Well Driller, Bottled Water)
80. South Dakota Operator Certification Program (WT, Dist, WWT, Coll, SWWS)
81. Tennessee Water & Wastewater Operator Certification Board (WT, Dist, VSWS, WWT, Coll, SWWS)
82. Texas Water Utilities Association/Laboratory Analysts Section (TWUA Laboratory Analyst)
83. United South & Eastern Tribes, Inc. Certification Board (WT, Dist, VSWS, WWT, Coll, WLA, WWLA)
84. USEPA Region 6 Tribal Operator Certification (WT, Dist)
85. U.S. Army Corps of Engineers - Baltimore District (WT)
86. Utah Water Operator Certification Commission (WT, Dist, VSWS, CCC, BPAT)
87. Utah Wastewater Operator Certification Program (WWT, Coll, SWWS)
88. Vermont Water Supply Division (WT, Dist, VSWS)
89. Vermont Wastewater Facility Operator Certification Program (WWT)
90. Virginia Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals (WT, WWT, Onsite Sewage System Professionals)
91. Washington Waterworks Operator Certification Program (WT, Dist, VSWS, CCC, BPAT)
92. Washington Wastewater Operator Certification Program (WWT)
93. Washington Landfill and Incinerator Operator Certification Program (Insp, Incinerator Operator)
94. Water Quality Association (VSWS)
95. West Virginia Office of Environmental Health Services - WT (WT, Dist, WWT, BPAT)
96. Wyoming Department of Environmental Quality, Water Quality Division (WT, Dist, VSWS, WWT, Coll)

# 2014 ABC MEMBERS

## PROVISIONAL MEMBERS

- 97. Arkansas Water Environment Association
- 98. New Jersey Water Environment Association

## SPECIAL MEMBERS

- 99. American Water Works Association
- 100. Water Environment Federation

## ASSOCIATE MEMBERS

### EDUCATIONAL INSTITUTIONS

- 101. California State University, Sacramento
- 102. Georgia Water & Wastewater Institute
- 103. Florida Gateway College
- 104. Technical Learning College
- 105. GateWay Community College

### COMPANIES/FIRMS

- 106. SkillWorks, Inc.
- 107. Backflow Management, Inc.
- 108. State Environmental Services, Inc.
- 109. Carollo Engineers

### ENVIRONMENTAL TRAINERS & CONSULTANTS

- 110. eTrain Online, Inc. - Waterhelp.org
- 111. CEUPlan
- 112. H2O in Motion
- 113. Rural Community Assistance Partnership (RCAP)
- 114. Washington Environmental Training Center
- 115. South Dakota Association of Rural Water Systems

### PROFESSIONAL ASSOCIATIONS

- 116. Alabama Rural Water Association
- 117. Wyoming Association of Rural Water Systems
- 118. Alberta Water & Wastewater Operators Association
- 119. Hawaii Rural Water Association
- 120. Illinois Section AWWA
- 121. Evergreen Rural Water of WA
- 122. Walkerton Clean Water Centre

## UTILITY

- 123. City & County of Honolulu
- 124. United Water



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