



WATERUSE

POTABLE REUSE SUMMIT

THE SKIRVIN HILTON
OKLAHOMA CITY

OCT. 17-18, 2016



Sunday, October 16, 2016

5:30 p.m. - 6:30 p.m. **Networking Reception with Exhibitors** – Centennial Foyer

Monday, October 17, 2016

7:30 a.m. - 3:30 p.m. **Registration Open** – Centennial Foyer

7:30 a.m. - 8:30 a.m. **Continental Breakfast** – Centennial Foyer

8:30 a.m. - 9:45 a.m. **Opening Sessions**

Room: Grand Ballroom A - D

WaterReuse Welcome

Ellen McDonald, Conference Chair, Alan Plummer Associates, Inc.

Oklahoma Welcome

Pete White, Chairman of the Oklahoma City Water Utilities Trust

Overview/Status of Potable Reuse Nationally and Internationally

Guy Carpenter, President, WaterReuse

9:45 a.m. - 10:15 a.m. **Networking Break** – Centennial Foyer

10:15 a.m. - 11:45 a.m. **Public Health Issues in Potable Reuse**

Room: Grand Ballroom A - D

Moderator: *Ellen McDonald, Alan Plummer Associates, Inc*

*Channah Rock, Associate Professor and Water Quality Specialist,
University of Arizona*

*Dan Gerrity, Assistant Professor, Department of Civil and Environmental
Engineering and Construction, University of Nevada, Las Vegas*

11:45 a.m. - 1:00 p.m. **Luncheon Discussion: Oklahoma Potable Reuse Vision Panel**

Room: Grand Ballroom E - F

Moderator: *David Sabatini, University of Oklahoma*

*Julie Cunningham, Chief, Planning and Management Division,
Oklahoma Water Resources Board*

*Scott Thompson, Executive Director, Oklahoma Department of
Environmental Quality*

Michael Teague, Secretary of Energy and Environment

1:00 p.m. - 2:30 p.m. **Setting the Scene – Background and Drivers**

Room: Grand Ballroom A - D

Moderator: *Nathan Madenwald, City of Oklahoma City*

El Paso Water Utilities

Gilbert Trejo, El Paso Water Utilities

Gwinnett County Department of Water Resources

Tyler Richards, Gwinnett County Department of Water Resources

Monday, October 17, 2016 (continued)

1:00 p.m. - 2:30 p.m. **Setting the Scene – Background and Drivers (continued)**

Upper Occoquan Service Authority

Bob Angelotti, Upper Occoquan Service Authority

Inland Empire Utilities Agency

Andy Campbell, Inland Empire Utilities Agency

2:30 p.m. - 3:30 p.m. **Networking Break** – Centennial Foyer

3:00 p.m. - 4:30 p.m. **Nuts and Bolts – Design and Permitting**

Room: Grand Ballroom A - D

Moderator: *Gary Hunter, Black & Veatch*

El Paso Water Utilities

Daniel Olson, ARCADIS

Gwinnett County Department of Water Resources

Tyler Richards, Gwinnett County Department of Water Resources

Upper Occoquan Service Authority

Anne Payne Bullock, Upper Occoquan Service Authority

Inland Empire Utilities Agency

Andy Campbell, Inland Empire Utilities Agency

5:00 p.m. - 6:00 p.m. **Welcome Reception** – Continental Room

Tuesday, October 18, 2016

7:30 a.m. - 12:00 p.m. **Registration Open** – Centennial Foyer

7:30 a.m. - 8:30 a.m. **Continental Breakfast** – Centennial Foyer

8:30 a.m. - 10:00 a.m. **Garnering Support – Public Outreach**

Room: Grand Ballroom A - D

Moderator: *Ken Komiske, City of Norman*

El Paso Water Utilities

Christina Montoya, El Paso Water Utilities

Gwinnett County Department of Water Resources

Denise Funk, Gwinnett County Department of Water Resources

Upper Occoquan Service Authority

Bob Angelotti, Upper Occoquan Service Authority

Inland Empire Utilities Agency

Andy Campbell, Inland Empire Utilities Agency

10:00 a.m. - 10:30 a.m. **Networking Break** – Centennial Foyer

Tuesday, October 18, 2016 (continued)

10:30 a.m. - 12:00 p.m.	Keeping it Going – Operations and Costs
	Room: Grand Ballroom A - D
	Moderator: Michael Graves, Garver
	El Paso Water Utilities Chelsea Francis, El Paso Water Utilities
	Gwinnett County Department of Water Resources Denise Funk, Gwinnett County Department of Water Resources
	Upper Occoquan Service Authority Bob Angelotti, Upper Occoquan Service Authority
	Inland Empire Utilities Agency Andy Campbell, Inland Empire Utilities Agency
12:00 p.m. - 2:00 p.m.	Luncheon Presentation: Highlights of Recent and Ongoing Research
	Room: Grand Ballroom E - F
	Jeff Mosher, Chief Research and Strategic Planning Officer, WE&RF
	Julie Minton, Program Director, WE&RF
	Ben Stanford, Director of Applied Research, Hazen and Sawyer
	Andy Salveson, Water Reuse Chief Technologist, Carollo Engineers



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Alan Plummer Associates, Inc.

Ellen McDonald, Phd.D, PE, Principal
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Fort Worth, TX 76107
(817) 806-1746 • emcdonald@apaienv.com

Alan Plummer Associates, Inc. (APAI) has conducted business with quality and integrity for nearly 40 years. We truly believe that water is precious and have chosen to focus our practice on the protection and development of water resources for our clients and their customers. It is what we do every day. APAI is a regional firm founded with a vision to uphold environmental stewardship and technical excellence, APAI is committed to serving our clients with distinction and integrity. When it comes to water and wastewater infrastructure, we can study, plan, model, design and permit it, plus manage it during construction.

Black & Veatch

David Matt Bond, Associate Vice President
2601 N.W. Expressway, Suite 505W
Oklahoma City, OK 73112
(405) 607-7841 • bonddm@bv.com

Black & Veatch is a global leader in the delivery of critical water and wastewater infrastructure. Working worldwide, we help communities develop diverse water supplies through alternative solutions that overcome the barriers of technology, regulation, budget, operations and management. Whatever the driver or issue – assessing needs, overcoming scarcity and/or building resilience – we deliver integrated planning, design, construction, and management solutions crafted in collaboration with our clients from their project-specific goals for budget, schedule and performance.

PLATINUM CONFERENCE SPONSORS

Garver

Michael Graves, Vice President
1016 24th Avenue, NW
Norman, OK 73069
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Garver is an employee-owned multi-disciplined engineering, planning, architectural, and environmental services firm, headquartered in North Little Rock, Arkansas. With over 400 employees spread between 18 offices in 10 states, Garver offers a wide range of services with a focus on aviation, construction, facilities design, federal, power, transportation, survey, and water projects. Engineering News-Record lists Garver on its prestigious Top 500 Design Firms list, while Zweig Group has recognized Garver as the #1 best firm to work for in the multi-discipline category. Garver will celebrate a century of doing business in 2019. **For more information, visit GarverUSA.com.**

Tetra Tech

Gary ReVoir, Vice President
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Orlando, FL 32801
(407) 839-3955 • gary.revoir@tetrattech.com

Tetra Tech is a full-service, multi-disciplinary engineering consulting firm and leading provider of engineering, program management, construction management, and technical services worldwide. Whether our clients are improving existing water supply infrastructure, planning new construction to expand capacity or enhance water quality, Tetra Tech provides sustainable solutions to complex water challenges.

GOLD CONFERENCE SPONSORS

Carollo Engineers

Andrew Salveson, Chief Technologist Reuse
2700 Ygnacio Valley Road, Suite 300
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(925) 932-1710 • asalveson@carollo.com

Carollo is the largest firm in the United States dedicated solely to water related engineering—it's all we do. Since 1933, this single-minded focus has allowed us to make some unique commitments to both clients and staff. It has opened the door to the very best talent in the water industry, innovative water solutions, unparalleled client service, and above all, a collaborative and collegial working environment that makes us a great company to work with.

Haynes Equipment Company/WesTechEngineering/MEMCOR an Evoqua brand/Pinnacle Ozone Solutions

Tony Moraska, Business Development Manager
117 NW 132nd Street
Oklahoma City, OK 73114
(405) 755-1357 • info@haynes-equipment.com

Haynes Equipment Company represents the top equipment manufacturers in the municipal water and wastewater industry today. In addition to equipment sales, our integration, programming, SCADA, and telemetry offerings make us your most comprehensive partner for any project.

Xylem

Abbey Antolovich, Business Development Manager
14125 South Bridge Circle
Charlotte, NC 28273
(303) 598-7743 • abigail.antolovich@xyleminc.com

Water has always been vital. Now it is also becoming scarce. Responsible environmental stewardship requires that industries

and utilities work to improve water efficiency through reuse. Xylem can show you how. With a broad selection of treatment options, Xylem application engineers can assist you in evaluating the correct processes for any reuse requirement. **For more information, call 1-855-XYL-H2O1 (855-995-4261) or visit www.xylem.com/treatment/us/applications/reuse.**

SILVER CONFERENCE SPONSORS

CDM Smith

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Dallas, TX 75231
(316) 660-6700 • evansad@cdmsmith.com

At the forefront of water reuse for more than three decades, CDM Smith is dedicated to finding innovative ways to plan, treat and deliver water resources for our clients, in order to address the water supply needs of our global community. CDM Smith provides lasting and integrated solutions in water, environment, transportation, energy and facilities to public and private clients. As a full-service engineering and construction firm, we deliver exceptional client service, quality results and enduring value across the entire project life cycle.

Freese and Nichols, Inc.

Ray Longoria, P.E., BCEE, Treatment Practice Leader
6303 N. Portland Avenue, Suite 100
Oklahoma City, OK 73112
(405) 607-7060 • marketing@freese.com

Freese and Nichols, Inc. is a professional consulting firm serving clients across the Southwest and Southeast United States. With sustainability in mind, Freese and Nichols plans, designs and manages infrastructure projects. It is the only engineering/architecture firm to receive the Malcolm Baldrige National Quality Award.

Hazen and Sawyer

Ben Stanford, PhD, Director of Applied Research
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Raleigh, NC 27607
(919) 863-1027 • bstanford@hazenandsawyer.com

Since our founding in 1951, Hazen and Sawyer has focused on two things: providing safe drinking water and controlling water pollution. Our range of services encompasses “all things water” including the planning, design, and construction management of water and wastewater-related projects – from drinking water treatment, storage, and distribution to wastewater and stormwater collection, treatment, and reuse.

TrojanUV

Adam Festger, Business Development Manager
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London, Ontario N5V 4T7 Canada
(519) 457-3400 • afestger@trojanuv.com

TrojanUV designs, manufactures and sells pressurized and open-channel UV disinfection systems for municipal wastewater and drinking water, and UV-oxidation systems for environmental contaminant treatment applications.

GENERAL CONFERENCE SPONSORS

Automatic Engineering

Tim Hunt, Engineered Sales
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(918) 585-5703 • thunt@aei-inc.com

Automatic Engineering is a leading provider of process equipment, pumps, controls, instrumentation, and monitoring for industrial and municipal water and wastewater markets. We have 24-hour emergency service and preventative maintenance crews. Established in 1938, we are proud to be an Oklahoma based company with offices in Broken Arrow and Enid.



EXHIBITORS

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Guernsey

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(405) 416-8100 • solutions@guernsey.us

Guernsey is an internationally recognized engineering and consulting firm with extensive experience providing planning, engineering and environmental services to our clients. Our services are designed to assist clients in planning, evaluating, diagnosing, and resolving engineering and environmental issues, improving operation efficiencies, reducing costs, and ensuring environmental compliance. Our diverse staff capabilities offer sustainable, real world engineered solutions to processing operations, infrastructure design, power delivery systems, and environmental regulatory issues. Our areas of expertise include: Infrastructure Planning and Engineering; Community Planning, Development, and Landscape Architecture; Power Engineering; Environmental and Process Engineering (E&PE); and Environmental Compliance/Management.

Haynes Equipment Company/WesTechEngineering/MEMCOR an Evoqua brand/Pinnacle Ozone Solutions

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LET'S MAKE WATER REUSE A REALITY. LET'S SOLVE WATER.

Reuse is the name of the game when it comes to water resource management and Xylem is here to solve your concerns. Let's implement the treatment solutions that make water reuse both safe and sustainable. Xylem's broad technology expertise enables us to deliver complete reuse solutions that are energy efficient, reduce waste and proactively address regulations and public perception.

Xylem promises a legendary customer service experience starting with our treatability testing program, design support and project delivery, all the way to our TotalCare aftermarket program which fully supports the maintenance of your treatment system. For more information please visit www.xylem.com/treatment or call 1-855-XYL-H201 (855-995-4261).

To find out more, visit us at
The Skirvin Hilton in Oklahoma City
for The Potable Reuse Summit - Booth #3
October 17-18, 2016

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EXPANDED REUSE CAPACITY INCREASES ORANGE COUNTY'S WATER RESILIENCE.

Over a span of 3 decades, Black & Veatch has delivered dozens of projects, from feasibility studies and pilot projects to detailed design and construction management, for Orange County Water District and Orange County Sanitation District.

That work includes Black & Veatch's improved design of the recent 30 MGD expansion to significantly increase the supply of safe, ultra-purified recycled water produced by the Groundwater Replenishment System, the world's largest operating indirect potable reuse facility.

Helping California withstand historic drought and groundwater overdraft, this facility is a world-class example of Black & Veatch's reliable, easy-to-operate designs for potable (indirect and direct) reuse systems.

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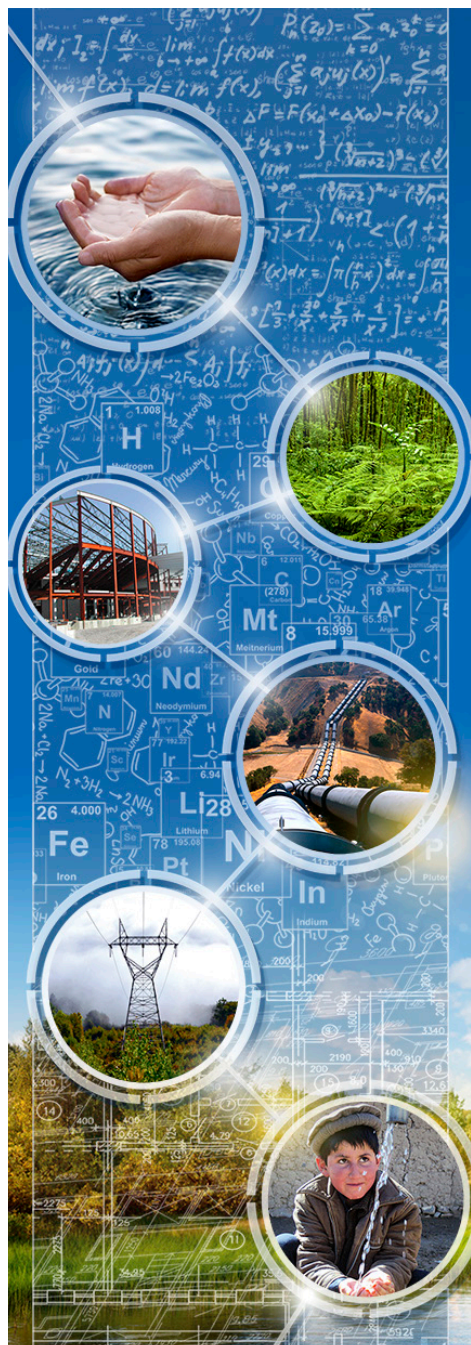


For more information, contact Michael Graves, Vice President
MJGraves@GarverUSA.com | 405-329-2555 | GarverUSA.com



Clear Solutions for a Complex World

For 50 years, Tetra Tech has helped provide safe and abundant water supplies. Tetra Tech is an industry leader in the development of innovative treatment solutions to meet clients' water supply needs, from the identification, modeling, and permitting of fresh groundwater and surface water, brackish water, and saltwater sources; through pilot testing, design, and construction of water treatment and reuse facilities.





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WESTECH



THANK YOU

Thanks to our Potable Reuse Summit Planning Committee for your dedication and time in making this conference such a huge success!

Randy Brown, *City of Pompano Beach Utilities*

Malarie Gotcher, *City of Oklahoma City*

Gary Hunter, *Black & Veatch*

Ken Komiske, *Norman Utilities Authority*

Nathan Madenwald, *City of Oklahoma City*

Ellen McDonald, *Alan Plummer and Associates*

UPCOMING EVENTS

2017 WaterReuse California Annual Conference

March 19-21, 2017
Westin San Diego
San Diego, CA

2017 Industrial and Commercial Water Reuse Conference

May 22-23, 2017
Westin Peachtree Plaza
Atlanta, GA

11th Annual IWA International Conference on Water Reclamation and Reuse

July 23-27, 2017
Long Beach Convention Center
Long Beach, CA

32nd Annual WaterReuse Symposium

September 10-13, 2017
Renaissance Phoenix Downtown Hotel
Phoenix, AZ

33rd Annual WaterReuse Symposium

September 9-12, 2018
JW Marriott Austin
Austin, TX



WATERUSE

THANKS FOR COMING!

COURTNEY THARPE

Director of Conferences and Events

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