

2015 INDUSTRIAL & COMMERCIAL WATER REUSE CONFERENCE

February 1-3, 2015
HILTON AUSTIN
Austin, TX

WATERREUSE
ASSOCIATION
Sustainable Solutions for a Thirsty Planet®

www.watereuse.org



OVERVIEW OF PLENARY SESSIONS AND EVENTS

Monday Opening Plenary Session

AccelerateH2O: Advancing World-Class Technologies, Expertise, and Networks

Monday, February 2, 2015

8:30 a.m. – 10:00 a.m.

Room: Salon G

The Texas Water Technology Accelerator was formed to address Texas' current drought and growth challenges, while sparking a \$9 billion marketplace for world-class solutions, knowledge-sharing, and collaborations. Reuse is one of AccelerateH2O's four pillars – and is the most prominent of opportunities in energy, agriculture, industrial, and utility-management sectors. Texas employs 300,000 individuals directly in water, and over 600,000 indirectly – making it one of the largest economic clusters in the US.

The session will be an interactive panel to discuss current and emerging scenarios for the identification, demonstration, investment and deployment of technologies. Panelist and attendees will discuss tactics and strategies for accelerating technology through the maze of regulatory, engineering, and economic barriers, limitations.

Moderator:

Richard S. Seline, *Executive Director, AccelerateH2O*

Panelists:

Russ Conser, *former SVP, Shell USA*

Fred Tyler, *VP of Operations, BaseWaterLLC and EagleFord Demonstration Project Manager*

Eva Steinle-Darling, *Lead Technologist, Carollo Engineers*

Monday Luncheon Plenary Session

Monday, February 2, 2015

12:00 p.m. – 1:30 p.m.

Room: Salon G

Representative Todd Hunter, *Texas House of Representatives, District 32*

Representative Hunter will discuss water supply challenges in a state with rapid growth and the need to find solutions that create favorable economic growth for people and industry. He will also provide a preview of issues expected to be addressed in this legislative session.

Todd A. Hunter was born in Bartlesville, Oklahoma on August 26, 1953. He attended the University of Kansas and Southern Methodist University Dedman School of Law. Hunter has practiced law since November 1978 and is currently a partner of Hunter, Barker & Fancher, L.L.P. in Corpus Christi. Todd and his wife, Alexis Taylor Hunter, have three children: Todd Jr., Michael and Christina.

In 2014, Todd was re-elected for his eighth term as a state representative for District 32, representing the eastern half of Nueces County. The Coastal Bend is a booming area with the recent Eagle Ford Shale booms and rapidly developing industry. Todd is committed to finding solutions to the water needs of the area, as well as the state of Texas, to create a favorable economic climate for people and industry. During the interim, he served as the co-chairman of the Joint Interim Committee to Study Water Desalination, and he also served as the Chair of the Calendars Committee in the last two legislative sessions.

Tuesday Plenary Session

Realities of Water Reuse from the Boardroom, Boiler Room and Business

Tuesday, February 3, 2015

8:00 a.m. – 9:30 a.m.

Room: Salon G

The plenary session will include industrial leaders in a panel discussion of the decisions, determinations and perspectives industry needs to consider from the upper management level (Boardroom) to the on-site operations level of water reuse treatment systems (Boiler Room). The business level decisions will examine tools and actual industries that have implemented full-scale water reuse treatment plants to equivalent of drinking water quality reuse water. Audience questions and answers will be incorporated in to the session.

Moderator:

Al Goodman, *CDM Smith*

Panelists:

Alan Prouty, *J. R. Simplot*

Emilio Tenuta, *Nalco/Ecolab*

Larry Perry, *PepsiCo/Frito-Lay*

Industry Sector Table Topics Luncheon

Tuesday, February 3, 2015

11:30 a.m. – 1:00 p.m.

Room: Salon G

Join us on Tuesday for an Industry Sector Table Topics Luncheon which will allow attendees the opportunity to network while discussing relevant topics of interest. Tables will be hosted by topic experts to help guide the discussions. Attendees will have the chance to rotate and visit two tables during the luncheon. Spots at each table will be on a first-come/first-served basis. Make your mark on water reuse by discussing relevant topics with your peers and providing valuable input.

Closing Plenary Panel Discussion

What Government Can do to Accelerate Industrial Reuse

Tuesday, February 3, 2015

3:00 p.m. – 4:30 p.m.

Room: Salon G

The technology exists to treat most types of industrial wastewater so that it can be reused for productive purposes, but all too often economic and regulatory hurdles prevent the technology from being deployed. This session will explore current and potential future ways that government can support greater industrial reuse, including regulatory frameworks, financial incentives, and sources of funding. Senior leaders from the federal government and the financial services community will share their insights on how industry can capitalize on current regulatory and funding opportunities, as well as make its voice heard in support of additional incentives.

Moderator:

Jon Freedman, *Water & Process Technologies*

Panelists:

Raffael Stein, *U.S. Environmental Protection Agency*

Tom Iseman, *U.S. Department of the Interior*

Shivaji Deshmukh, *West Basin Municipal Water District*

Water is everything

From beginning to end, water is essential to your operation. Solutions from GE help optimize water usage, while helping to increase productivity, reduce costs and meet the environmental regulations of your industry.

Chemical treatment, equipment and monitoring solutions for your water and process operations.

Learn more at www.gewater.com.





Sunday, February 1, 2015

4:30 p.m. – 6:00 p.m.	Registration - <i>Salon G Foyer (6th Floor)</i>
5:30 p.m. – 7:00 p.m.	Welcome Reception - <i>Salon G Foyer (6th Floor)</i>

Monday, February 2, 2015

7:30 a.m. – 3:30 p.m.	Registration - <i>Salon G Foyer (6th Floor)</i>
7:30 a.m. – 3:30 p.m.	Exhibits Open - <i>Salon G Foyer (6th Floor)</i>
7:30 a.m. – 8:30 a.m.	Continental Breakfast - <i>Salon G Foyer (6th Floor)</i>
8:30 a.m. – 10:00 a.m.	Opening Plenary Session - AccelerateH2O: Advancing World-Class Technologies, Expertise, and Networks - <i>Salon G (6th Floor)</i>
10:00 a.m. – 10:30 a.m.	Networking Break - <i>Salon G Foyer (6th Floor)</i>

A1: Food and Beverage

Room: *Salon F (6th Floor)*
Moderator:
Gary Engstrom, *U.S. Water*

B1: Oil and Gas

Room: *602 (6th Floor)*
Moderator:
Bob Holt, *GE Water & Process Technologies*

C1: Power and Energy Generation

Room: *616 (6th Floor)*
Moderator:
Eric Rosenblum, *Envirospectives*

10:30 a.m. – 11:00 a.m.	A Case Study: Pushing the Limits of Water Recovery at a Food Processing Plant Ed Greenwood , <i>AMEC Environment and Infrastructure</i>	Advanced Aeration in Hydraulic Fractures Flowback Impoundments Tom Daugherty , <i>Arcadian Technologies, LLC</i>	Recycled Water: An Alternative Water Supply for Power Plants Josh Prusakiewicz , <i>HDR</i>
11:00 a.m. – 11:30 a.m.	Onsite Ecological Reuse: High-Impact Solutions for Continuous Growth Jonathan Lanciani , <i>Sustainable Water</i> Rob Bethea , <i>Altria</i>	Water Management and Reuse Considerations for Hydraulic Fracturing Austin Haynes , <i>CDM Smith</i>	Design and Commissioning of a Full-scale Municipal Wastewater Reuse Treatment System for the Lodi Energy Center Power Plant Expansion Project Antonio Lau , <i>Infilco Degremont, Inc.</i>
11:30 a.m. – 12:00 p.m.	Wastewater Irrigation Performance Auditing William "Gus" Simmons , <i>Cavanaugh & Associates</i>	Innovative Treatment of Shale Fracturing Water for Discharge Xiaofei Cui , <i>Southern Research Institute</i>	Reclaimed Water Use in the Electric Power Industry-An Integrated Water Management Tool Don Vandertulip , <i>ARCADIS</i>

12:00 p.m. – 1:30 p.m.	Luncheon Plenary Session - Representative Todd Hunter , <i>Texas House of Representatives, District 32</i> - <i>Salon G (6th Floor)</i>
------------------------	--





Monday, February 2, 2015

	A2: Food and Beverage	B2: Oil and Gas	C2: Power and Energy Generation
	Room: <i>Salon F (6th Floor)</i> Moderator: Phil Rolchigo, Pentair	Room: <i>602 (6th Floor)</i> Moderator: Erin Bonney Casey, Bluefield Research	Room: <i>616 (6th Floor)</i> Moderator: Antonio Lau, Infilco Degremont, Inc.
1:30 p.m. – 2:00 p.m.	Hogs Don't Have to 'Hog' the Water! J. Victor Van Slyke, ATD Waste Systems Inc.	Characterization and Removal of Dissolved Organic Matter from Boiler Blowdown Water in Thermally Enhanced Oil Recovery Operation Anna Jawor, Water Planet Engineering	FGD Power Plant Wastewater Treatment Using Anti-Fouling Membrane System Joon Min, BKT
2:00 p.m. – 2:30 p.m.	Facts to Consider for Process Water Reuse in Food Plants Al Goodman, CDM Smith	Collaborative Online Exchange for Maximizing Wastewater Recycling in the Oil and Gas Industry Josh Adler, Sourcewater, Inc.	Reclaimed Water Supply Agreements Provide a Win/Win Opportunity for Tampa Electric Company's Polk Power Station and Local Municipality Catherine Magliocco and David Lukcic, Tampa Electric Company
2:30 p.m. – 3:00 p.m.	Staged Implementation of Water Reuse at a Milk Powder Factory Bhupendra Poudel, Grundfos BioBooster A/S	Water Reuse Trends and Challenges in the Oil and Gas Sector Bob Holt, GE Water & Process Technologies	The Water/Energy Nexus in Arizona, Water Reuse at Palo Verde Nuclear Generating Station Henry Day, Arizona Public Service Company
3:00 p.m. – 3:30 p.m. Networking Break - Salon G Foyer (6th Floor)			
	A3: Panel Discussion: Business Case for Water Reuse Room: <i>Salon F (6th Floor)</i> Moderator: Abigail Antolovich, UOP - A Honeywell Company	B3: Manufacturing and Mining Room: <i>602 (6th Floor)</i> Moderator: Paul Pigeon, Golder Associates	C3: Drivers, Opportunities and Obstacles Room: <i>616 (6th Floor)</i> Moderator: Andy Shea, HDR
3:30 p.m. – 4:00 p.m.	Tekla Taylor, Golder Associates Tom Steinwinder, Brown & Caldwell	Water Reuse for Mining: Drivers, Demand, and Competitive Landscape Erin Bonney Casey, Bluefield Research	Intel Chandler Substrate Packaging Technology Development Water Conservation Thomas Abia, Intel
4:00 p.m. – 4:30 p.m.	Bill Woyshner, Shaw Diversified Services Alan Prouty, J.R. Simplot	Water & Wastewater Optimization for Industrial Systems Joe Guida, Fluor	Optimizing Water Reuse using an Advanced Decision Support Modeling Tool Charlie He, Carollo Engineers
4:30 p.m. – 5:00 p.m.	Tamim Popalzai, WorleyParsons Jonathan Radtke, Coca Cola	Constructed Wetlands – A Natural, Sustainable, Energy Friendly and Cost Efficient Alternative for Industrial/ Commercial Water Treatment and Reuse Tom Kasun, Alcoa Yatin Thaker, Bauer Resources	Commercial Water Reuse Strategies to Meet the Rapidly Growing Urbanization in our Cities JF Finn, Gensler and John Hanula, MWH
5:30 p.m. – 7:30 p.m. Networking Dinner at Stubb's Bar-B-Q			

Our talents bring the resources of a global company to local water, wastewater, energy, natural resources and industrial projects. When MWH experts share knowledge, skills, experiences and innovations, our clients save time and money.

RESOURCE.FULL



MWH®

BUILDING A BETTER WORLD

| mwhglobal.com



Tuesday, February 3, 2015

7:30 a.m. – 12:00 p.m.	Registration - <i>Salon G Foyer (6th Floor)</i>
7:30 a.m. – 3:00 p.m.	Exhibits Open - <i>Salon G Foyer (6th Floor)</i>
7:30 a.m. – 8:00 a.m.	Continental Breakfast - <i>Salon G Foyer (6th Floor)</i>
8:00 a.m. – 9:30 a.m.	Plenary Session - Realities of Water Reuse from the Boardroom, Boiler Room and Business - <i>Salon G (6th Floor)</i>
9:30 a.m. – 10:00 a.m.	Networking Break - <i>Salon G Foyer (6th Floor)</i>

A4: Chemical & Pharmaceutical

Room: *Salon F (6th Floor)*

Moderator: Gary Engstrom,
U.S. Water

B4: Innovative Technology

Room: *602 (6th Floor)*

Moderator: Keel Robinson,
Xylem

G4: Planning and Policy

Room: *616 (6th Floor)*

Moderator: Elise Goldman,
West Basin Municipal Water District

10:00 a.m. – 10:30 a.m.	Treating Industrial Wastewater with MBR Technology for Reuse for Cooling Tower Make-up— Lake Charles Chemical Plant Tamim Popalzai, <i>WorleyParsons</i>	Emerging Technologies Role in Enabling More Cost Effective Treatment Solutions for Reuse Fatemeh Shirazi, <i>Microvi</i>	PACE: Innovative Financing Method for Water and Energy Efficiency Projects Heather Cooke, <i>Austin Water Utility</i>
10:30 a.m. – 11:00 a.m.	Saving Water by Treating and Reusing Industrial Effluent in Pharmaceutical Industry Graham Juby, <i>Carollo Engineers</i>	Brine Bulb Technology - An Alternative Means to Recover High TDS Wastewater Eric Dole, <i>Hazen and Sawyer</i>	Federal and State Funding Opportunities for Water Reuse Justin Mattingly, <i>WaterReuse Research Foundation</i>
11:00 a.m. – 11:30 p.m.	Water Recycle/Reuse in Chemical Manufacturing - Examples and Challenges Glenn Lord <i>Dow Chemical</i>	Regeneration and Reuse of Industrial Wastewater by Double Membrane Method Xintao Li, <i>Beijing Origin Water Technology Co., Ltd</i>	Onsite Industrial Water Reuse: A Path Forward for Collaboration and Growth Joan Oppenheimer, <i>MWH</i>

11:30 a.m. – 1:00 p.m. **Industry Sector Table Topics Luncheon - *Salon G (6th Floor)***





Tuesday, February 3, 2015

	A5: Manufacturing & Refining	B5: Commercial and Institutional Applications	C5: Innovative Technology
	Room: <i>Salon F (6th Floor)</i> Moderator: Bill Woyshner , <i>Shaw Diversified Services</i>	Room: <i>602 (6th Floor)</i> Moderator: Don Vandertulip , <i>ARCADIS</i>	Room: <i>616 (6th Floor)</i> Moderator: Guy Carpenter , <i>Carollo Engineers</i>
1:00 p.m. – 1:30 p.m.	Industrial Wastewater Reclamation System - A Breakthrough Initiative to Improve Intel Vietnam Factory's Water Footprint Linh Huynh , <i>Intel</i>	What is the Volumetric Potential for On-Site Reuse in the Industrial, Commercial and Institutional Sectors (ICI) in Texas Bill Hoffman , <i>H. W. Hoffman & Associates, LLC</i>	A Study of the Effects of Antiscalant Chemistry on Organic and Biological Fouling RO and NF Membrane Systems Vana Abbas , <i>American Water Chemicals Inc.</i>
1:30 p.m. – 2:00 p.m.	Water Reuse/Recycle - What Does it Mean for Texas Refineries CJ Tredway , <i>Tredway Advocacy</i>	Advanced Biological Treatment for Military Reuse Applications Abigail Antolovich , <i>UOP – A Honeywell Company</i>	Reuse of Meat Processing Wastewater Using the Anti-Fouling Membrane System Allen Chan , <i>BKT</i>
2:00 p.m. – 2:30 p.m.	The Treatment and Recycle of Dye House Wastewater in the Carpet/Flooring Industry Howard Elder , <i>Aqua-Chem, Inc.</i>	Treating Complex Oily Wastewater for Reuse with a Unique Two-Stage Process—Metal Working John Burke , <i>Houghton International</i>	Upstream and Downstream Petroleum; Food and Beverage and Power: Industrial Water Reuse Steve Gluck , <i>Dow Chemical</i>
2:30 p.m. – 3:00 p.m.	Networking Break - Salon G Foyer (6th Floor)		
3:00 p.m. – 4:30 p.m.	Closing Plenary Panel Discussion - What Government Can Do to Accelerate Industrial Reuse - Salon G (6th Floor)		
4:30 p.m. – 4:45 p.m.	Executive Director's Closing Remarks - Salon G (6th Floor)		



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 see how Xylem is making water reuse a reality - visit booth #4 at the 2015 Industrial and Commercial Water Reuse Conference in Austin, TX.



WEDECO®



xyleminc.com

xylem
Let's Solve Water

CONFERENCE SPONSORS

Coordinating Conference Sponsor

US Business Council for Sustainable Development

Susan Fernandes, *Director of Operations*

411 W. Monroe Street

Austin, TX 78704

(512) 981-5417

fernandes@usbcsd.org

www.usbcsd.org

The US BCSD is an action oriented and member-led nonprofit business association that harnesses the power of collaborative projects, platforms and partnerships to develop, deploy and scale solutions to ecosystems, energy, materials and water challenges.

Platinum Conference Sponsors

GE Water & Process Technologies

Katie Scharff, *Communications Leader*

4636 Somerton Road

Trevose, PA 19053

(215) 633-4511

katie.scharff@ge.com

www.gewater.com

With operations in 130 countries and employing nearly 8000 people worldwide, **GE Water & Process Technologies** brings together experienced professionals and advanced technologies to solve the world's most complex challenges related to water availability and quality, increased productivity and cost reduction, and environmental regulations.

MWH Global

Chris Young, *South Central Regional Manager*

10000 North Central Expressway,

Suite 1140

Dallas, Texas 75231

(214) 346-4305

R.Christopher.Young@mwhglobal.com

www.mwhglobal.com

MWH Global employs more than 7,000 experts including engineers, consultants and construction professionals globally. As specialists in water and natural resources, MWH employees use innovative ideas and technology to solve complex infrastructure and environmental challenges. MWH is Building a Better World. Meet us at mwhglobal.com

Xylem

Keel Robinson, *NA Reuse Marketing & Business Development Manager*

14125 S. Bridge Circle

Charlotte, NC 28273

(510) 672-5128

keel.robinson@xyleminc.com

www.xyleminc.com

Xylem is a water technology company dedicated to making reuse a reality. Xylem's broad technology expertise and leading brands – WEDECO, Leopold, Sanitaire, Flygt, YSI – enable reuse solutions that maximize reliability and save energy while meeting the most stringent reuse regulations for pathogens and contaminants.

Visit www.xylem.com/treatment

Gold Conference Sponsor

Garney Construction

Mike Gardner, *Vice President*
1333 NW Vivion Road
Kansas City, MO 64118
(816) 741-4600
mgardner@garney.com
www.garney.com

Garney Construction is a 100% employee owned company with more than half a century of wide-ranging experience and 1,000 employee-owners serving the public, private and industrial markets in the design and construction of water and wastewater pipelines, treatment facilities, pumping stations, water storage tanks, and heavy civil projects.

IDE Technologies

Udi Tirosch, *Director, Product Marketing*
P.O.Box 5016
Kadima 6092000, Israel
+972-73-2629586
udit@ide-tech.com
www.ide-tech.com

IDE. Your Water Partners.

IDE is a world leader in the provision of water solutions - advanced thermal and membrane desalination, industrial water treatment and water reuse. IDE works in partnership with customers worldwide, bringing technological leadership, proven reliability and consistent delivery. IDE - 400 plants, 40 countries, 4 decades.

Silver Conference Sponsors

Carollo Engineers, Inc.

Sarah Deslauriers, *Engineer*
2700 Ygnacio Valley Road, Suite 300
Walnut Creek, CA 94598
(925) 932-1710
sdeslauriers@carollo.com
www.carollo.com

For 80 years, **Carollo Engineers** has been advancing technology, practicing environmental stewardship, and "Working Wonders With Water®." As a leader in the science, policy, and implementation of water recycling and reuse, Carollo is committed to our single focus—working to help solve our clients' toughest water and wastewater challenges.

U.S. Water

Gary Engstrom, *Technology Manager*
12270 43rd Street, NE
St. Michael, MN 55376
(866) 663-7633
gary.engstrom@uswaterservices.com
www.uswaterservices.com

U.S. Water solves your most challenging water, process and compliance needs by finding – and eliminating – bottlenecks that affect quality, production and efficiency. Using a solution-agnostic approach, we combine industry leading experience and knowledge with innovative chemistry, equipment, engineering, and service into an integrated, personalized solution that keeps you competitive.

Bronze Conference Sponsors

Alan Plummer Associates, Inc.

Ellen McDonald, *Principal*
1320 S. University Drive, Suite 300
Fort Worth, TX 76107
(817) 806-1700
emcdonald@apaienv.com
www.apaienv.com

APAI aids municipal and water district customers in the planning and design of water and wastewater treatment and conveyance systems. APAI is also a nationally recognized leader in the planning and implementation of water reuse projects. From the planning and design of one of the first major nonpotable reuse projects in Texas to the development of over 200 million gallons per day of indirect reuse water supply in North Texas alone, we have demonstrated our commitment to supporting our clients with sound expertise and guidance as they address the unique set of technical, regulatory, and institutional challenges of each project.

HDR

Chris Soria, *Industrial Sector Marketing Lead*
500 7th Avenue, 15th Floor
New York, NY 10018-4502
(212) 542-6113
Christopher.Soria@hdrinc.com
www.hdrinc.com

HDR is most well-known for delivering engineering services—providing smart infrastructure to communities across the country—but we are much more than that. We create an unshakable foundation for progress because our multidisciplinary teams include the firepower of archeologists, economists, builders, analysts, artists and scientists. We believe that our work adds value to the world. We recognize that small details can yield big realizations, and that sometimes, brilliant solutions begin in simplicity. Our 8,500 employees, working in 200 locations around the world, push the boundaries of what is possible each and every day.



YOUR WATER SOLUTIONS PARTNERS

Delivering technological leadership,
proven reliability and consistent
performance.

TECHNOLOGICAL BREAKTHROUGHS

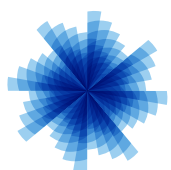
The world's most advanced thermal and
membrane water solutions technology.

BETTER VALUE

Lowest possible energy consumption

PROVEN EXPERTISE

More than 400 plants in over 40 countries



IDE
Technologies

Your
Water
Partners

400 plants. 40 countries. 4 decades.
www.ide-tech.com

BKT

Joon Min, President
1225 N. Patt Street
Anaheim, CA 92801
(714) 578-0676
jhm@bkt21.com
www.bkt21.com

BKT's revolutionary anti-fouling membrane system, FMX, specializes in the liquid –solid separation for high solid applications, over 1.5% of TSS level. FMX has been adopted for a wide variety of wastewater treatment and manufacturing processes as well, ensuring more concentrate and less downtime than conventional membrane filtration system.

DMP Corporation

Don Whiting,
Regional Sales Manager
400 Bryant Blvd.
Rock Hill, SC 29732
(800) 845-3681
dwhiting@dmppcorp.com
www.dmpcorp.com

DMP Corporation has been helping customers meet waste water treatment goals for over 40 years. We have installed over 2000 turnkey solutions worldwide guaranteed to meet waste water discharge limits. Several of our solutions provided are repeat customers and water reuse systems in difficult industries including aerospace. For more information call 800-845-3681 or visit our web site HYPERLINK "http://www.dmpcorp.com" www.dmpcorp.com

GE Analytical Instruments

Eric Johansson,
US TOC Sales Manager
6060 Spine Road
Boulder, CO 80301
(303) 444-2009
geai@ge.com
www.geinstruments.com

GE Analytical Instruments' Sievers InnovOx Laboratory/On-Line Total Organic Carbon (TOC) Analyzer monitors organics in tough industrial process, environmental, and wastewater samples with unprecedented uptime. Offering superior analytical performance and stability, and easy-maintenance, now measures high-temperature samples and near real-time data. Hazloc enclosure and multi-stream available. For on-site demo: 800-255-6964, www.geinstruments.com/Info.

Golder Associates, Inc.

Kevin Conroy,
*Water Treatment/
Manufacturing Leader*
44 Union Blvd., #300
Lakewood, CO 80228
(303) 980-0540
Kevin_Conroy@golder.com
www.golder.com

Golder Associates is a global employee-owned organization driven by our purpose to engineer earth's development while preserving earth's integrity. Our employees deliver solutions to help our clients achieve their sustainable development goals by providing a wide range of independent consulting, design and construction services in our specialist areas of earth, environment and energy.

H2O Engineering Inc.

Robert Moncrief, President
189 Granada Drive
San Luis Obispo, CA 93401
(805) 547-0303
robert@h2oengineering.com
www.h2oengineering.com

Based in San Luis Obispo, CA. H2O Engineering, Inc. – a Certified Small Minority Business – is a full service resource for drinking water, water reuse, and soil and groundwater remediation. We pride ourselves in manufacturing systems that employ leading-edge technologies, superior components, and industry leading automation and controls logic. H2O Engineering is broken into two divisions; the "Pure Water" division focusses on water treatment (industrial, municipal, water reuse, food and beverage, oil & gas, breweries, wineries, etc) and the "Clean World" division focusses on ground water remediation utilizing ozone.

Layne Christensen Company

Chris Peschang, P.E., Director
of Global Business Development
1800 Hughes Landing Blvd.,
Suite 700
The Woodlands, TX 77380
(281) 475-2589
chris.peschang@layne.com
www.layne.com

Layne Christensen provides total water management solutions for industrial facilities, commercial water suppliers, energy companies, government agencies. With over 130 years of experience in the water industry, Layne's staff is prepared to evaluate water quality and develop solutions tailored to your meet your water supply, treatment, and reuse needs.

Norchem Corp.

Kevin Minissian, President
5649 Alhambra Avenue
Los Angeles, CA 90032
(323) 221-0221
kevin@norchemcorp.com
www.norchemcorp.com

Norchem Corp. is an environmental engineering firm that specializes in the most innovative and robust fully automated chemical-free cross flow wastewater purification and recycling systems. Serving multiple industry verticals, Norchem's Ultrapure is an award winning technology that successfully reduces BOD, COD, TSS, heavy metals, and oil/grease in the wastewater.

ProChem, Inc.

Barry Shelley, President
5100 Enterprise Drive
Elliston, VA 24087
(540) 268-9884
info@prochemwater.com
www.prochemwater.com

Leading provider of industrial water reuse/recycling systems tailored to the need, designing fully automated, end-of-pipe solutions that integrate seamlessly into existing wastewater treatment systems and are equipped with customized web-based remote monitoring. ProChem employs chemists, engineers, fabricators, and service technicians who ensure full quality control over the system's performance.

Reuse Water Solutions

Liz Martin
6615 Squirecrest Drive
Spring, TX 77389
(832) 722-9404
liz@reusewatersolutions.com
www.reusewatersolutions.com

Reuse Water Solutions (RWS) specializes in treating industrial-strength, heavily-fouled wastewater to reuse quality. RWS offers a number of treatment options custom-designed for each case, and is exclusively licensed to use the German A3 Maxflow flat plate membrane bioreactor (MBR), which is built for long life, minimal maintenance, and the elimination of fouling. In addition to industrial wastewater, RWS offers solutions for nearly every application, including Oil and Gas, Food and Beverage, Municipalities, Land Development, Agriculture, Government, and Closed System Facilities.

Sustainable Water

Jonathan Lanciani,
President, CEO
4860 Cox Road, Suite 120
Glen Allen, VA 23060
(804) 965-5590
info@sustainablewater.com
www.sustainablewater.com

Sustainable Water is a leading provider of ecologically-driven water reclamation and reuse solutions. Utilizing the world's leading technologies, Sustainable Water recycles water for heating, cooling and irrigation; bringing annual savings year after year. Turnkey development services begin with comprehensive feasibility studies and continue through design, permitting, construction and operation.

EXHIBITORS

UOP, A Honeywell Company

Abigail Antolovich, *Strategic Marketing Manager*

555 Zang Street, Suite 200

Lakewood, CO 80228

(847) 224-5739

abigail.antolovich@honeywell.com

www.uop.com

With more than 40 years of experience in the water treatment industry, Honeywell's UOP provides total solutions that meet customers' industrial wastewater treatment needs and successfully removes impurities such as nutrients, heavy metals and organics to meet water reuse goals.

Xylem

Keel Robinson, *NA Reuse Marketing & Business Development Manager*

14125 S. Bridge Circle

Charlotte, NC 28273

(510) 672-5128

keel.robinson@xyleminc.com

www.xyleminc.com

Xylem is a water technology company dedicated to making reuse a reality. Xylem's broad technology expertise and leading brands – WEDECO, Leopold, Sanitaire, Flygt, YSI – enable reuse solutions that maximize reliability and save energy while meeting the most stringent reuse regulations for pathogens and contaminants.

Visit www.xylem.com/treatment or visit booth #16.

A TEXAS STATE OF MIND



Things are bigger in Texas, and Garney knows how to think big. We've been building water and wastewater projects in Texas since 1982.

AT GARNEY WE KNOW THAT PROJECTS AREN'T ALWAYS STRAIGHTFORWARD. YOU WANT A PARTNER THAT CAN DEVELOP SOLUTIONS, WORK EFFICIENTLY & THINK BIG. **YOU WANT GARNEY.**

SEE MORE AT GARNEYTX.COM



**INDUSTRIAL & COMMERCIAL
WATER REUSE
CONFERENCE**

