Inside:

State Engineer Dick Wolfe on Colorado’s Water Resources and Management

An Update from the Colorado Water Conservation Board – Colorado’s New Water Plan

Industry Leadership Award Recipients
To meet this challenge, the professional field of water resources involves many government agencies, the legislature, attorneys, water courts, engineers and hydrologists, all in an effort to provide dependable water supplies for the multiple uses of water in this state.

The state’s role in water resources is fulfilled by several agencies, including the following: State Legislature that adopts laws to meet the changing needs of our water resource; Water Courts that decree water rights for users; State Engineer’s Office that administers the allocation of water supplies to users; Water Quality Control Division that protects and restores water quality for public health and environment; and Colorado Water Conservation Board (CWCB), which facilitates studies on protection and development of water supplies and assists with financial resources in development of water supply projects.

Consulting engineers and attorneys work in partnership with water users to develop and protect their water rights and evaluate water supplies for new uses in terms of yield, quality and costs, and to help clients through the water court process. It is a dynamic profession with changing laws to accommodate the increasing and varying demands of an increasing population and the desire to maintain the environment, which makes Colorado such an attractive state in which to live and recreate.

As a water rights engineer working in the business for 30 years at Leonard Rice Engineers, Inc., I have noticed water supply issues get the public’s attention in times of surplus (major flooding events) and times of shortages, such as the current drought and high fire danger. We live in Colorado, which is a semi-arid state, where we are challenged even in so called “average years” to meet all the water demands within our state by regulating a natural water supply which varies annually, seasonally and geographically. The legal framework for allocating the state’s water supplies to the various uses is based on water rights administered under the Prior Appropriation System, also referred to as “first in time/first in right.” It is a complex field, with variable hydrologic conditions each year, and dynamic changes in water demands from one use to another.

ACEC/CO has a water resource committee that meets bimonthly with the State Engineer and the CWCB to keep abreast of the latest issues, regulations and funding opportunities that impact the clients our membership serves.
**In this issue.** ACEC/CO talks with State Engineer Dick Wolfe and the Colorado Water Conservancy Board’s Tim Feehan on the issues facing our state’s water resources. It’s a fascinating look at how the leaders of these agencies are taking critical steps to manage our water and plan for meeting future water demands. We’ll hear about the current development of a Colorado Water Plan and what it’s going to take to hydrate new communities, such as the proposed Airport City near DIA.

State Engineer Dick Wolfe (left) with the Colorado Water Conservancy Board’s Tim Feehan.

**Cover Photo:** Ed Bernstein, Berstein Studios

**Engineering Colorado Quarterly** is a publication of ACEC/CO on the issues, political and economic environments that are affecting the industry and ultimately the maintenance and growth of Colorado’s infrastructure.

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ACEC/CO members are active in solving Colorado’s water issues and creating sustainable solutions that will benefit the public, commerce and quality of life. With this issue of Engineering Colorado focusing on water, we thought it appropriate to acknowledge the Council’s active Water Resources Committee and introduce you to its guiding member.

We asked the ACEC/CO Water Resources Committee Chair Laurel E. Stadjuhar, P.E., West Sage Water Consultants (left), to comment on the Committee and its role in taking on the challenges associated with Colorado’s water resources infrastructure.

The ACEC Colorado Water Resources Committee meets bimonthly to discuss various topics of interest to consulting engineers in the water resources field across the state. The meetings provide members the opportunity to discuss various issues related to the state’s water resources with the directors or other staff from the Division of Water Resources (DWR), Colorado Water Conservation Board (CWCB), and Colorado Water Congress (CWC). The topics of discussion include pending or approved legislation, state funding and related programs, and other items that may affect current and future water projects and potential engineering services within the state. The Committee periodically reviews pending legislation to determine whether any bills in either the House or Senate require the ACEC Board to take a position on the legislation. The Committee meetings provide a forum for water resources consultants to discuss legislation, rulemaking and other topics spanning the continuously changing landscape of the state’s water resources. The Committee discusses how these topics may affect the water resources field and the potential impacts to ACEC/CO members and their clients.

ACEC/CO members working in the water field are encouraged to join and participate on the committee. If you are interested in joining the Committee, please contact Van Tran, ACEC/CO Membership Services Coordinator, at van@acec-co.org or 303-832-2200.
Helping to Navigate

You can’t help but read in the news everyday about partnerships being formed to create a stronger unit to perform specific and specialized tasks to deliver a better product or service. Although we hear about public-private partnerships (P3) for transportation infrastructure projects, they are also being created for water infrastructure projects and buildings such as schools, hospitals and courthouses. ACEC/CO has always been a strong proponent of public-private partnerships with many governmental agencies to help deliver an outstanding project for the citizens of Colorado or service to our clients.

ACEC/CO has had strong partnerships with many public agencies for a number of years. This issue will focus on the State Engineer’s office of the Colorado Department of Natural Resources and the Colorado Water Conservation Board (CWCB). We are looking forward to working with the new CWCB Director Jim Eklund as we did with the former director Jennifer Gimbel. Through these partnerships, we have worked together to deliver the best projects for the taxpayers, to understand the policies and procedures of the agency so the correct information is conveyed to other clients who’s work needs to follow the regulations, to learn of funding opportunities to finance projects for our members’ clients, and to improve processes to be more streamlined which have definitely created win-win opportunities for all.

These agencies have enjoyed the partnership with ACEC/CO because they know they are reaching a strong segment of the consulting industry – from the very small size firm to the large multinational. Vetting difficult issues through our diverse membership has provided agencies with valuable feedback to make positive changes. On the other hand, our members know they can turn to ACEC/CO to speak on their behalf instead of as one lone firm when they are faced with difficult challenges from an agency.

Besides working with agencies, we have formed many partnerships and coalitions with other organizations in the design-construction industry such as Associated General Contractors/Colorado (AGC/CO), American Institute of Architects/Colorado (AIA/CO), Building Jobs of Colorado Coalition, Colorado Water Congress, and most recently with the American Public Works Association (APWA). By working together, we learn of each other’s challenges and how we can work together to solve them. In future issues of Engineering Colorado Quarterly, we will showcase how we assist with transportation challenges, our energy and sustainability efforts that make us energy independent and environmental stewards, and our partnerships with local communities.

As a trusted partner, ACEC/CO takes the lead for the engineering community to provide a better business environment, a reasonable regulatory climate, and a voice at the table where decisions are being made. ▲
Gregg S. TenEyck, P.E. has been honored with ACEC/CO’s Orley O. Phillips award, which is given to an ACEC/CO member or staff member who has made significant contributions to the profession, the Council and its programs. The award was established to honor Orley O. Phillips, one of the Council’s founding members who was a mentor to many, a true industry leader and today is still recognized as one who was an integral part of shaping Colorado’s engineering industry as we know it today. The award is presented to a professional who has exhibited leadership and has had an impact on public policy-making and general societal issues.

Well known and respected for his industry leadership and industry advocacy, Gregg is President of Leonard Rice Engineers, Inc., a Denver, Colorado firm specializing in surface and ground water engineering in the Western U.S. He joined the firm in 1978 following completion of his M.S. in Civil Engineering at Colorado State University. He earned a B.S. in Engineering from Northwestern University in 1976, in environmental engineering.

Gregg is Fellow of ACEC and is a Trustee of the ACEC Life Health Insurance Trust. He has been active in ACEC/CO Colorado for many years, including serving a term as President and as an ACEC National Director. He is also a past Chair of the ACEC Small Firm Council and has served as Colorado’s ACECPAC Champion.
We know Richard C. Hepworth, P.E., as Dick, a founding partner of Hepworth-Pawlak Geotechnical, Inc. and for decades, a master of his trade as a geotechnical engineer. At the ACEC/CO 2013 annual meeting, Dick was honored with the Council's prestigious George Washington Award, which is given to an ACEC/Colorado member who has provided outstanding service to the community, attributed to the progress of Colorado and the advancement of the public image of the consulting engineering profession. He is acknowledged for his contributions to the engineering industry and for his unselfish giving back to the community and our country.

Dick has long been an ambassador for the engineering profession and is celebrated as an ethical individual who cares deeply about public safety and his role as a public servant. He has served as an officer in many engineering organizations throughout his 45-year career in Denver, and as a principal and officer in two major engineering companies he has employed and mentored many young engineers who have gone on to achieve prominence on their own. He continues to be involved helping educate our future workforce through involvement on the advisory boards of Colorado engineering schools.

A published author, higher education instructor and civic participant, Dick has always given back; genuine traits of those who represent the best of the best in our industry – those who are considered legends in their own time.
Dick Wolfe was appointed State Engineer and Director of the Colorado Division of Water Resources on November 26, 2007. As State Engineer, Dick is responsible for the direction and management of the Colorado Division of Water Resources, which has a staff of approximately 280 employees and an annual budget of approximately $25 million. The Division is responsible for distribution and administration of water in accordance with the State Constitution, State statutes and interstate compacts; the implementation of a statewide dam safety program; the permitting of the use of ground water and construction of wells; and the collection and dissemination of data on water use and streamflow. The State Engineer is Colorado’s commissioner on five interstate compacts, Executive Director of the Colorado Ground Water Commission and Secretary to the Colorado Board of Examiners of Water Well Construction and Pump Installation Contractors. He has been with the Division since 1993. Dick’s education experience includes a B.S. and M.S. in Agricultural Engineering from Colorado State University in 1983 and 1986, respectively. He is a native of Colorado and was raised on a farm in Weld County.

ACEC/CO: What year did you become State Engineer?

DW: November 26, 2007. I was employed as a private consulting engineer by Spronk Water Engineers from 1986-1993 and then joined the State in 1993. I held various positions with DWR and was the Assistant State Engineer when appointed State Engineer by Gov. Ritter in 2007. I was then reappointed State Engineer by Gov. Hickenlooper in 2011.

ACEC/CO: What does your agency do with regard to water?

DW: Our three major program areas are water administration, dam safety and well inspections. We administer more than 170,000 water rights within seven divisions of the State that represent the major drainage basins. We must ensure timely delivery of water for all uses and curtailment of uses when not in priority. Additionally, we have a ground water management program for over 270,000 wells plus over 6,000 permitted coal bed methane wells that produce ground water. This program includes the administration of several hundred augmentation plans for replacement of out of priority depletions for generally junior wells.

Our Dam Safety Program is responsible for the oversight of new dam construction and inspection of almost 2,000 jurisdictional dams to ensure they are maintained in a safe condition to minimize the risk of dam failure and prevention of loss of property and loss of life in the event of a dam failure.

Our well inspection program ensures proper construction of water wells to protect our ground water resource. We currently permit the construction of approximately 4,500 new and replacement water wells each year.
**ACEC/CO:** What have been the greatest accomplishments of the agency and Colorado’s water situation over the past five years?

**DW:** One of the greatest accomplishments has been our ability to maintain our level of service despite the reduction of approximately $1M in funding and reduction of 25 full time employees in the past five years. This is a testament to the dedication and character of our employees.

Additionally, in 2009 we ended the 24 years of litigation with Kansas on the Arkansas River. As a result of the adjudication of well use rules we have maintained compliance with the Arkansas River Compact since the implementation of the rules in 1996. We also successfully adjudicated Irrigation Efficiency Rules in 2010 that allows for development of irrigation efficiency improvements on surface water systems in the Arkansas River basin without violation of the Arkansas River Compact.

And most recently, we completed the development and implementation of key administrative protocols to allow the approval of the Colorado River Cooperative Agreement, a historic agreement between Denver Water, Colorado Springs and dozens of West Slope water entities regarding the future development and use of water and infrastructure between these entities including water quality and environmental protections.

Lastly, we are very close to finalizing the administrative protocol for the recently completed Animas-La Plata Project to ensure future certainty to its operations.

**ACEC/CO:** What are the greatest challenges and efforts the state is facing over the next five years?

**DW:** One major area of effort will involve the final approval of Colorado’s Compact Compliance Pipeline and Bonny Reservoir Augmentation Plans in the Republican River basin. These plans are critical for the future operation of approximately 4,000 high capacity irrigation and municipal wells within the basin to ensure we maintain compliance with the Republican River Compact.

Secondly, we are in the process of promulgating well use rules in the Rio Grande basin to ensure the successful integration of large capacity wells into the priority system to protect senior surface water rights, create sustainability of the underground aquifers all without impairing our ability to comply with the Rio Grande Compact. We are in the second year of operation of the first Plan of Water Management and associated Annual Operating Plan for the first ground water subdistrict covering approximately 3,000 wells. Efforts continue to complete the well use rules and completion of the remaining subdistricts and their associated Plans for the remaining approximately 3,000 wells.

Lastly, we will be working closely with the Colorado Water Conservation Board, the IBCC, the Governor’s office and other agencies and organizations regarding the development and implementation of the Colorado Water Plan.

**ACEC/CO:** What have been the most significant changes in water regulations over the past decade?

**DW:** The most significant regulations involve the adoption of new requirements for substitute water supply plans (temporary plans approved by the State Engineer for water supply operations lasting less than five years, emergency operations and for plans pending in water court) in 2002 and 2003, the adoption of new laws regarding rain water harvesting in 2009, the adoption of new rules regarding the production and use of produced water from oil and gas wells in 2009 and 2010 and the adjudication of the Irrigation Improvement Rules in the Arkansas River basin in 2010. We have also approved new rules for well measurement in the Rio Grande basin, the Republican River basin and the South Platte basin in the last 10 years in addition to similar rules initially adopted in the Arkansas River basin in 1994.

**ACEC/CO:** With regard to the urban corridor, and the four outlying quadrants throughout the state, what specific issues are these areas facing?

**DW:** All of these areas are facing increased pressure from population growth, recreation and tourism and environmental protection. This is all occurring in the realm of climate variability. The recent extreme droughts of 2002 and 2012 (some areas of the state particularly the Arkansas River basin and the Rio Grande basin have been in a cycle of years of back-to-back droughts) and the extremely wet period in 2011 in the northern part of the State reflect the ever changing climatic conditions and extreme events that Colorado faces in the future. How are they interrelated? All areas of the State are interrelated as has been demonstrated in the CWCB SWSI (Statewide Water Supply Water Initiative) and IBCC (Interbasin Compact Committee) process over the past eight years. The future use of water is contingent on the successful development of existing and planned water projects and processes, water conservation, development of new water supplies within Colorado and minimizing the transfer of water from agriculture to municipal and industrial uses. The future development of water projects must recognize each basin’s consumptive and non-consumptive needs and the trade-offs that must be considered when balancing these competing needs.

**ACEC/CO:** One of the most challenging aspects of your agency is the management of Colorado’s interstate compacts, dealing with water to downstream states. Tell us about how you’re managing the compacts and are there changes to how you administer these compacts based upon our current drought situation.

**DW:** The successful administration of our nine interstate compacts, two U.S. Supreme Court decrees, two interstate agreements and one U.S. Treaty depends on the successful relationships we have with our counterparts in our sister states as well as our own water users in Colorado. We all face times of drought and it certainly makes meeting our obligations more challenging but except for a few extraordinary drought provisions in some compacts the operations of the compacts are generally self effectuating under all types of hydrologic conditions without specific provisions for drought conditions.

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**ACE/CO:** With regard to water rights, what do you see as the most complex issue we face as a state?

**DW:** The most potential complex and challenging issue we face regarding future administration of water rights is the potential passage of a Public Trust Doctrine in Colorado.

**ACE/CO:** As infrastructure continues to expand to meet demands of growth, how is your agency dealing with water issues related to the development of new urban areas, such as the proposed Airport City near Denver?

**DW:** Even though our office does not deal directly with infrastructure development it does however reflect the continued trend of new water projects whether from new water supplies or the transfer of water from agriculture to meet new demands. Any new water appropriation or change in water right will be incorporated accordingly into our daily administration with the other over 170,000 water rights we already administer in the State.

**ACE/CO:** The Western Slope resort communities are intimately tied to water. What is being done to ensure that these tourism communities are sustained during drought situations?

**DW:** Resort communities develop and plan for droughts similar to municipal water providers by ensuring they are using water in the most efficient way possible and providing for secure and sustainable water supplies that include drought protection plans, adequate storage and firm water supplies. They are also concerned about the impacts to streamflow during drought conditions that may affect recreation and tourism. These communities attempt to mitigate these impacts through innovative programs like the Voluntary Flow Program on the Arkansas River above Pueblo and the more recent implementation of the Colorado River Cooperative Agreement. These programs make strides to preserve flows for both recreation and the environment.

**ACE/CO:** Do you see this changing over the next decade?

**DW:** Resort communities will also have to contend with climate variability as it may affect both the amount and timing of available supplies particularly in drought conditions. Thus, it is imperative that they continue to implement existing mitigation strategies and develop new ones where needed to cope with these changing conditions.

**ACE/CO:** What involvement does the State Engineer have in fighting forest fires? Or is that part of another state agency?

**DW:** We work closely with local, state and federal emergency response agencies in the event of forest fires. During the initial stages of a large fire we will provide information on potentially impacted water resources especially water supply reservoirs for municipal and domestic purposes. This information is also useful for locating potential available supplies that can be used to fight the fires. After the completion of the fire we are involved with many agencies to install (if needed) stream gaging equipment in burn areas to assist with the prediction and response to potential flooding events from rainfall in these burn areas.

**ACE/CO:** Bottom line. People are concerned about water. What can you tell the citizens of Colorado to assure them our state is prepared to sustain growth and needs, even in times of considerable drought concerns?

**DW:** Water is our most precious natural resource. It is limited spatially, temporally, quantitatively, and qualitatively. As a result, conflict is bound to exist as demand for water increases for any use. The increased need for water is coming from many areas including, municipal, agricultural, environmental, recreational, and energy. Many challenges and uncertainties exist that will undoubtedly cause us to change the way we think about using water in the future. But as we all know, the only thing that remains certain is change. Charles Darwin said “It is not the strongest of the species that survives, nor the most intelligent, but the one most responsive to change.” This will require strategic planning.

In general, Colorado faces some significant water challenges. We are very fortunate that the long range planning of water resource managers has allowed us to meet our growing demands with water strategies and projects that were developed and constructed (in part) several decades ago. Addressing the future demands will require creative solutions and greater coordination and collaboration between users within different areas of the state. But our world today has been shaped by many decades of scientific knowledge that has caused us to rethink, to some degree, how we look towards planning for future water use in Colorado.

Having a plan for readiness increases our probability for success. I am confident that Colorado will do an excellent job meeting its need to develop and manage a sustainable water supply for the future. We have a lot of brilliant people working together in an effort to achieve this. We recognize our resources are limited but I believe Colorado is committed to make every effort to maximize every resource to assure that we may serve the most people in the best way possible.
Colorado’s New Water Plan

Tim Feehan
Deputy Director, Colorado Water Conservancy Board
Department of Natural Resources

Covering water in this issue, ACEC/CO had to include information about the development of Colorado’s new water plan. We heard firsthand from Tim Feehan on getting this monumental task accomplished.

ACEC/CO: How will you approach the development of the Colorado Water Plan within next 18 months?

TF: We are approaching the Colorado Water Plan (CWP) from the bottom-up. For the past eight years, the Interbasin Compact Committee (IBCC) and the Basin Roundtables have been laying the foundation for basin implementation plans that will inform the CWP. For the past decade, the Colorado Water Conservation Board (CWCB) has been working with various Districts, water providers and other stakeholders to develop a comprehensive water database to better understand the State’s present and future water supplies and demands. Studies that have been completed or that are in progress include the State Water Supply Initiative 2010 (SWSI), the Colorado Water Availability Study – Phase I/II (CRWAS), Colorado Basin Study, and the Compact Compliance Study. Over the next 18 months, the CWCB will distill this wealth of information in a collaborative public process among the CWCB, IBCC, Basin Roundtables and other stakeholders.

ACEC/CO: How will CWCB work with the State Engineer’s Office (SEO) on the Plan development?

TF: Dick Wolfe, the State Engineer, is a member of the CWCB Board and will be actively involved in the development of the Plan over the next 18 months, as discussed above. Interaction between CWCB and SEO will be crucial to ensure that the proposed Plan complies with and is administered effectively and efficiently.

ACEC/CO: What will be the greatest challenges in preparing the Plan?

TF: The CWP is by Coloradans, for Colorado – the chief challenge is engaging Coloradans beyond our traditional water community. The development of the implementation phase of the Plan will be critical to clearly define the roles of stakeholders, the IBCC, Basin Roundtables, ad hoc committees, the CWCB, and other state agencies.

ACEC/CO: What other Agencies will be involved?

TF: CWCB envisions a significant public outreach effort in developing the CWP. In addition to the IBCC and Basin Roundtables, the other state agencies anticipated to be involved are the Colorado Department of Public Health and Environment (quantity-quality nexus), the Colorado Water Resources and Power Development Authority (water project financing), the Colorado Energy Office (energy-water nexus), and the Colorado Department of Agriculture (preserving our State’s agricultural economy). In addition, the CWCB Board and staff will be actively engaging with cities, counties, and other stakeholders to provide information and to receive input on the CWP.

ACEC/CO: What will the Plan look like when completed and how will it be implemented?

TF: A large part of the CWP will be a compilation of existing water data and information developed from completed studies, that would include municipal, industrial, agricultural, environmental, and recreational supply and demand needs, climate variability, water infrastructure needs, alternatives to agricultural dry-up, development of compact entitled waters, risk assessment and water conservation. It is anticipated that these specific areas would be further evaluated with other areas of interest, such as renewable and non-renewable energy, water quality, new water supplies, financing, and regulatory project assistance. Ultimately, all these areas would be organized and packaged into a CWP that would provide the framework of what needs to be accomplished, and at what cost, to provide a healthy and sustainable water supply for Colorado.

Implementation is the most critical part of the CWP. The Plan will need to be developed in a manner that evokes trust in the water community and provides sufficient financial support and incentives to move projects forward while protecting and enhancing the environment in our watersheds, lakes, streams, and rivers. ▲
IN FEBRUARY of this year ACEC/CO launched a new content marketing website to provide in-depth content for visitors. Things are moving fast in our industry, from technology to legislation to forces of nature that are challenging our natural resources. To provide pertinent information on fast breaking issues the site features guest commentaries and news on industry leaders that are moving the industry forward.

If you are interested in what's happening in the engineering industry, who is making news, the emerging hot shots in engineering and what you need to know about legislation that is affecting the way we do business, check out the website weekly.

www.acec-co.org
Geotechnical Engineering Group (GEG) joined Terracon in December 2010 and has officially changed its name to Terracon Consultants, Inc. on December 1, 2012.

Brierley Associates has appointed Jay Perkins, P.E. to Eastern Regional Manager, Robin Dornfest, PG, CPG, to Central Regional Manager, and Alan L. Howard, PG, CEG, to Vice President/Western Regional Manager. Tracy Lyman accepted an invitation from the Peace Corps to serve in Kenya, East Africa for 27 months.

Barbara Lewis has joined RMG Engineers Group as a forensic engineer.

Merrick & Co. hired project engineer, John Connelly, and welcomed Corinne Haase and Justin Gutierrez to the civil infrastructure group in the firm’s Aurora office. Chad Pringle, party chief for the survey group at Merrick, recently received his professional land surveyor license. Barney Fix, P.E., PMP, recently joined the Adams County Economic Development’s Aerospace & Aviation Taskforce as the Co-Chair. Merrick & Company has moved to a new location: 5970 Greenwood Plaza, Greenwood Village, CO. CEO Ralph Christie, Jr. will remain chairman, and turned over the role of chief executive to David Huelskamp, president. Deborah Schindler received the Society for Marketing Professional Services Leonardo Award. Sean Tobin and Kat West of Merrick’s division, Energy Ace, are among the first three individuals in the U.S. to be certified as Guiding Principles Compliance Professionals by the Green Building Initiative.

MWH Global named president and CEO Alan Krause chairman of the board. He succeeds Robert Uhler, who is now chairman emeritus.

Farnsworth Group, Inc. has acquired Systems Engineering, a facilities engineering firm based in Colorado Springs, CO. Farnsworth Group, Inc.’s Fort Collins office moved to: 1612 Specht Point Road, Suite 105, Fort Collins, CO 80525.

Kennedy Jenks welcomed Engineering Assistant Erica Hernandez to their team.

Rimrock Group in Colorado Springs has been acquired by BCER Engineering.

Phillip Sack joined Frachetti Engineering Inc.

Martin/Martin, Inc. has added three new P.E.s: Mason Talkington, P.E., Justin Yarnell, P.E., and Brent Hanlon, P.E. Martin/Martin relocated and expanded their New Mexico office to 5535 Wyoming Blvd. NE, Ste. 2A, Albuquerque, NM 87109.

Pinyon Environmental Inc. promoted Scott Epstein to transportation services market manager. Brian Partington to water services market manager and Jeremy Musson to facilities services market manager.

Wilson & Co. Inc. Engineers & Architects made five new hires in its Denver office to support its structures group. The new employees are Kelly Chrisman and Robert Borden, hired as senior bridge engineers; and Evan Anderson, Drew Daumuller and Bobby Orsa as structural interns.

Shaffer Baucom Engineering and Consulting welcomed Jason Engle, P.E., electrical engineer; Mark Zareck, SMA, construction administrator; Ray Anderson, P.E., senior electrical engineer and electrical department lead and Director of Marketing Anna Matschulat to its staff.

Beaudin Ganze Consulting Engineers opened a new branch office in Jackson, Wyoming 690 S. Highway 89, Suite 200, Jackson, 83001. Todd Spacek from Beaudin Ganze Consulting Engineers was promoted to office manager in Denver.

R. Wayne Muir, P.E. recently assumed the title of chairman of the board at Structural Consultants Inc. Paul J. Hause, P.E. was elected president and Frank E. Bumgarner, P.E. was promoted to vice president.

CTL|Thompson (CTL), a full-service geotechnical, structural, environmental and materials engineering firm, announced that Alan J. Lisowy, P.E., has joined the firm as an associate engineer.

EST, Inc. acquired Hedrick & Associates, a multi-discipline engineering firm focused on the transportation sector.

Scott Miller from SBEC has been named as one of the recipients for the 2013 Consulting-Specifying Engineer magazine “40 under 40” Award.

HDR recently celebrated their 50th Anniversary in Denver. Dee Perkins from HDR and David Singer from CDOT have been selected as the recipients of a Federal Highway Administration (FHWA) 2013 Environmental Excellence Award. The award recognizes the exemplary achievements of the Colorado Department of Transportation, Region 1, in Environmental Streamlining (Every Day Counts).

Shelley Hartnett has been named business development manager at WHPacific Inc.

Jonathan D. George, P.E. has been appointed associate at Bishop-Brogden Associates, Inc.


CH2M Hill has been recognized for the fifth consecutive year by Ethisphere Institute as one of the World’s Most Ethical Companies for 2013. Linda Lee has been named public health global practice director at the firm.

Alan J. Leak has joined RESPEC Consulting & Services who acquired Denver-based firm WRC Engineering, Inc., of which he had been president.

Burns & McDonnell named to Fortune’s list of ‘Best Companies to Work For.’ Burns & McDonnell ranked 18 on the 16th annual list.

Kenneth J. Clifford joined JVA Inc. as project manager in the civil engineering department. Matt Emmett, project engineer; Wyatt DuBois, design engineer, have both joined JVA Inc. civil department in the Boulder office.

Edward Baldwin was named director of human resources for Arcadis U.S.

Congratulations to the three ACEC/CO Award winners who received ACEC’s Honor Award s at the 2013 Engineering Excellence Awards Gala on April 23rd in Washington DC: The RMH Group, Toyota Elephant Passage; Merrick-McLaughlin Whitewater Design Group, Hartland Dam Fish & Boat Passage Facilities; and HDR Engineering. Point Bonita Lighthouse Bridge Replacement. Of the 147 national submittals, these firms were in the top 26. ▲
ACEC/CO offers educational programs that are essential to advancing the professional experience – taught by subject matter experts who offer relevant content and curriculum. These programs may apply to continuing education credits and are a cost-effective way to provide essential training and education to enhance employee skills and knowledge. Education benefits your firm’s competitive advantage and prepares your future leadership for success.

ACEC/CO encourages you to visit our website often to learn about upcoming educational programs and courses offered throughout the year. On demand registration is offered via our website at www.acec-co.org/upcoming_events/ or by calling the ACEC/CO office at (303) 832.2200.

South Area Membership Meeting: “Emergency Management Coordinator Ken Hughlett will present on the Emergency Operations Center (EOC) in Colorado Springs” on Aug. 7th at 11:30 a.m. at HDR’s Colorado Springs Office.

CEC/CO Annual Golf Tournament benefitting Scholarship Fund; Aug. 19th at 7:30 a.m. at The Ridge at Castle Pines North. Sponsorship opportunities also available.

Future Leaders Management Proficiency II Certificate Program resumes August 27th at Police Protection Agency in Denver from 1 -5 p.m. Registration is being taken for:

- Interview & Hire the Best –August 27th
- Employment Law – October 1st
- Performance Reviews – November 5th
- Leadership Transition – December 3rd

SAVE THE DATE: Joint Program with American Public Works Association and ACEC/CO on the Challenges Facing Public Works Directors, Tuesday, Oct. 22nd, 4-6 p.m. Venue TBD

ACEC National Holds Meetings in Denver:

- August 8-10, Environment and Energy Committee Meeting at Merrick & Company in Greenwood Village

- September 16-17, Information Technology Forum at Grand Hyatt Hotel, Denver

- September 16-17, Finance Forum at Grand Hyatt Hotel, Denver

- September 23-24, HR Forum at Leonard Rice Engineers in Denver
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