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## Publisher's Note



Greetings all,

This is a special newsletter in several ways. First (and hard to believe for me), it's the 10<sup>th</sup> anniversary of me "volunteering to help on the newsletter." In July 2006, Judy Clark/CVO called and told me that no other retirees responded to the call for volunteers to replace CY Shieh, Jim Howland, and others who were stepping back from the newsletter—which started in 1996. I should be careful about mentioning this, since a similar call might be going out in the coming years. ☺

Other noteworthy content includes a special message from Jacque Hinman, a unique appreciation from Elisa Speranza, Steve Meininger's feedback/exchange about OM Services and sadly, several notable retirees' passings to reflect upon. We also included articles about our company's noteworthy activities, project successes, and recognitions.

We always appreciate your updates, stories, comments, kudos/feedback (even added a section for those). That's what makes it your newsletter. Hope your summer is going well.

Cheers! *Gordon*

([Gordon.Koblitz@ch2m.com](mailto:Gordon.Koblitz@ch2m.com))

## Western ReUnion Plans Unfolding

Contributed by Rick Luebbers ([ruebber@hotmail.com](mailto:ruebber@hotmail.com))

The CH2M Alumni Western ReUnion 2016 is jointly hosted by the CH2M Alumni Northwest and Southwest Chapters. It is open to all CH2M retirees and alumni across the globe. The ReUnion will be held on September 21-23, 2016 at the Hilton Hotel in Vancouver, Washington.

Activities being planned throughout the greater Portland/Vancouver area include a visit to historic Fort Vancouver, tours of the Columbia Gorge and Wine Country, site visits to local CH2M projects, and a Willamette River boat cruise. A special feature is a dinner presentation by CEO Jacque Hinman.

As of late June, nearly 100 people have registered for the ReUnion. If you have received an invitation, please consider attending. If you have not received an invitation but are interested, please contact Pat Klampe ([pdklampe@yahoo.com](mailto:pdklampe@yahoo.com)) or Don Marske ([donmarske@gmail.com](mailto:donmarske@gmail.com)). The Web-based invitation includes a link for hotel reservations. Come and join the fun.

## Message from Chairman and CEO Jacque Hinman\*

To our CH2M Alumni family:

Thanks for inviting me to share some perspective on our industry and the distinctions that set CH2M apart in the marketplace, positioning the firm for a very bright future...

When I became CEO in January 2014, we faced significant challenges. My priorities were to strengthen our leadership team and financial position with a refined strategy to improve the firm's growth and profitability. Our employees demonstrated exceptional loyalty, commitment and resilience that ultimately enabled CH2M to emerge stronger in 2015—combining innovative thinking, 21st century technology and a distinctive business model to deliver a differentiated value proposition to our clients.

If you've followed our shareholder calls, you've heard how we refocused around a truly client-centric approach, backed by a more cost-competitive delivery model. We focused our portfolio on loyal clients we can serve with differentiation and distinction, who value CH2M for the difference we stand for—delivering sustainable solutions for triple bottom-line environmental, social and economic benefits.

Our core values continue to serve as a catalyst for us to deliver on the measures that matter most—the safety of our people and the value we deliver to our clients. As a result, we achieved record safety performance approaching benchmark status in our industry, while also realizing new wins and stronger market share across the entire spectrum of clients, end markets and geographies we serve...

People often comment on the unique, positive culture that's clearly apparent at CH2M. Because we believe it stands as a competitive advantage in contrast with our industry, we take great care to nurture and build upon it, as we did when refreshing our brand identity, modernized to highlight the CH2M difference and re-emphasize the principles that guide our work every day.

This powerful and worthwhile investment in our people and company reflects the caring, fun, vibrant, intelligent brand personality embodied in CH2M from the start. As founder Jim Howland wrote in the *Little Yellow Book* distributed to all employees to celebrate our culture:

*"Do good work. Make a profit. Enjoy life."*

We revel in the fact that our firm today stands apart in the industry as a result. Because we do exceptionally good work and make a profit, we have greater freedom to enjoy all that life has to offer. We provide living proof consistent with the conclusions of many studies on corporate culture—that at the heart of every great company, a strong and aligned culture serves as the wellspring for success and value creation.

It's certainly why we were able to turn around our financial performance within the course of a year, earning \$80 million in 2015 net income on \$5.4 billion in revenue—a remarkable rebound from our 2014 full-year loss of \$182 million!

With all of the measures we've taken to strengthen our operating model, our board of directors has engaged actively in our turnaround and growth strategy, focused on our culture, business development, risk management and operational improvements. Throughout, the board has paid particular attention to best practices in corporate governance and transparency, as reflected in our public filings with the U.S. Securities & Exchange Commission (SEC) and the new [CH2M investor website](#) launched earlier this year. These board-level efforts have contributed greatly to the firm's improved financial performance and profitable growth prospects.

The board also has been engaged in considerations surrounding the company's future capital structure with the aim of strengthening our liquidity and capacity to return more value to shareholders and sustain investments for the firm's long-term growth.

Understanding that this is of deep, personal interest to you, I'll provide the same background shared in our financial filings and employee communications. To address liquidity constraints given our shareholder-employee demographics and capital requirements to support growth, the board took formal action early this year to explore alternatives to our current ownership model. Approximately 80 percent of our stockholders have reached age 50 or greater, while 48 percent are 60 or older. So, while the demographics make clear that capital demands for share buybacks will continue to rise, we also need to ensure we have sufficient cash to fund the company's future growth investments.

The challenge we face is not unusual; employee-owned firms typically evolve their capital structures over time, particularly as they grow and appreciate in value. As we explore options, we will update shareholders as appropriate, according to SEC rules governing such developments. All shareholders will have the opportunity to vote on any recommendation as provided in our company charter and bylaws.

As we continue to manage through this season of change, a quote from Confucius holds particular relevance for us today: "Our greatest glory is not in never falling, but in rising every time we fall."

I am so proud of the way our organization stands together as we proceed on this journey, reflecting our heritage with the resolve to improve, rising stronger to embrace the future, and ultimately, deliver the greater promise of CH2M.

Considering the amazing accomplishments our people have achieved in recent years, standing firmly on the solid foundation that many of you helped to build, I believe our founders would be incredibly proud of CH2M today. I am, and I hope you are too.

We truly appreciate your continued interest and support!

Be well,



Jacqueline C. Hinman  
Chairman and CEO

P.S. For those going to the Western Retreat in September, I look forward to seeing you there!

\*Please email [AlumniRelations@ch2m.com](mailto:AlumniRelations@ch2m.com) to request a full copy of Jacque's letter.

## Retirees' News



Current, retired, and former CH2M folks enjoyed a mini-reunion

### GATORLAND VISIT PROMPTS PARTY

Contributed by Roger Haines ([rjhaines123@bellsouth.net](mailto:rjhaines123@bellsouth.net))

The denizens of CH2M's Gainesville, Florida office (home of the University of Florida Gators) have a well-deserved reputation for knowing how to get together and have a good time (see barbecue, tailgating, office parties, and so on).

So when Ed Prestemon and wife Patty decided to hang out in Florida for a bit – while things got chilly around their home in Asheville, NC – it was more than enough reason to have a party! A few emails later, we had arranged a gathering of retired, former, and current CH2M folks who knew Ed and Patty well from their many years in Gainesville.

On a gorgeous mid-February evening, about 30 folks gathered to share snacks, beverages, and great memories. Ed, Patty, and everyone else had a wonderful evening, renewing many friendships and sharing current joys.

First row (L to R): David Fitzgerald, Mary Jo Jordan, Pilar Doran. Second row: Jill Carter, PY Keskar, David Crown. Third row: Mark Stinnett, Sandy Stinnett, Bob Bergman, Ed Prestemon. Fourth row: Steve Pasteur, Roger Haines, Kiera Fitzgerald. Fifth row: David Herr, Kent Cori.

Not pictured: Tony Inniss and Tom Ridgik

### UPDATE ON RETIREMENT

Contributed by Anne Kernkamp ([anne.kernkamp@gmail.com](mailto:anne.kernkamp@gmail.com)) and Dana Rippon



We accepted the invitation to leave CH2M via the Voluntary Retirement Program in November 2014. We joked at the time that probably nobody else could claim taking 80 years of experience with them. Being unplanned it felt a bit strange at first, but after retiring we went to Australia for a few weeks. That's what convinced us we could do this retirement thing.

We are both working part-time, which feels about right. Dana was hired by the private client he was working for at the time of retirement. When they sent him a draft of an employment contract, they asked if he had any additional requests. He replied, "Just one. I never want to fly coach again." Done. Dana's new employer, RF Wastewater (read renewable fiber) manufactures a natural, hemp-based fixed-film biological medium as well as providing a range of wastewater services. His business cards now read "Raleigh, NC."

I am working for the Sacramento State University Office of Water Programs, revising wastewater treatment operator manuals. I'm trying to gently introduce their staff to my three old friends—schedule, budget, and workplan, whom they seem to have never met. I am also volunteering on behalf of the citizens of Flint, MI, with an old Michigan State University friend. He is now a Flint attorney filing a class action suit on behalf of the ratepayers.

When not working, we are enjoying our vacation home on the eastern edge of Zion National Park and all of the other spectacular sights of Southern Utah—come visit! And thoughts of CH2M are never far away as we frequently write checks to OSU which our son, Tyler, (still) attends.

### WHAT I'VE BEEN DOING

Contributed by Bob Card ([cardb\\_energy@msn.com](mailto:cardb_energy@msn.com))

I left CH2M HILL in August 2012 after over 35 years with the firm to become CEO of SNC-Lavalin in Montreal. After a great experience at SNC-Lavalin, I retired in October 2015. I began my career as a summer intern at CH2M HILL in Bellevue, Washington as employee 1084 and had become the firm's largest shareholder by the time of my departure. My most memorable projects were the Suncor Fort Kent Oil Sands project in Alberta, Canada, the EPA Superfund projects in the 1980s, the Rocky Flats Nuclear Weapons Plant Closure in the 1990s, work at the US Department of Energy, and the London 2012 Olympics.

I met my spouse Nancy at the firm. She also started as a summer intern in Bellevue and worked in the Water group prior to her move into real estate development. She was part of the CH2M HILL team who designed Canada's first walleye fish hatchery, which is still operating. She is now Vice Chair of Water For People.

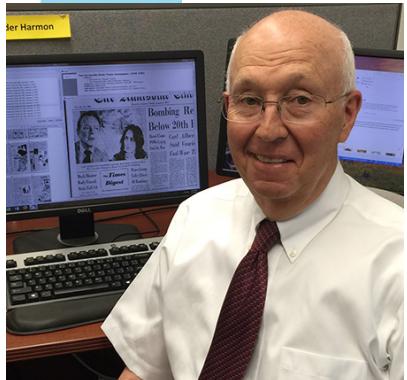
CH2M HILL was an awesome place to work with terrific people. While it was difficult to leave, the SNC-Lavalin opportunity was just too interesting to pass up. I'm grateful that while at SNC-Lavalin, I never had to compete directly against CH2M HILL for any important projects and the two firms are partners on the Chalk River nuclear project in Canada. SNC-Lavalin is very different in its markets (much bigger in Oil & Gas, Mining and Power), its services (a major asset owner and developer), geography (over half international with only a minor US presence) and ownership (publically traded). This provided a major growth opportunity that just wasn't available at CH2M HILL. In common with CH2M HILL, SNC-Lavalin is home to terrific, smart and hardworking employees.

We are now focused on our retirement bucket list. While still based in Denver, we bought a boat to be moored in Seattle and hope to complete a Seattle-to-Glacier Bay, Alaska, trip next summer. I just completed my first Century (100-mile) bike ride in the Rocky Mountains and signed up for two more this summer. I'm also hoping to increase my time fly-fishing, archery shooting, running, hiking, mountain biking, motorcycling, and traveling. Of course, most important in our retirement plans are son Chris, who works for Microsoft in Fargo (their second biggest campus), and daughter Allison, who is completing her MBA at Stanford.

I'm looking forward to catching up with many former CH2M HILLers at the reunion in September.

### RETURNING TO WORK

Contributed by Jerry Foess ([gfoess@gmail.com](mailto:gfoess@gmail.com))



I started commuting to work again last November, this time for no pay. I'm volunteering three half-days a week at the [familysearch.org](http://familysearch.org) Records Operation Center (ROC) in Orem, Utah, about 15 miles from home. There are about 60 of us working there and we are one of eight ROCs currently operated by familysearch.org in various locations.

Family history work has grown tremendously in recent years and familysearch.org along with ancestry.com are ranked as the top two genealogy websites. We do several types of projects, all aimed at getting new searchable records online. Researching my own family lines has been a hobby for the last few years, so this fits in with my interests. Plus, it's great to be cooped up in an office in front of a computer again and working with good people.

If you haven't developed your own family tree, register on familysearch.org and try it out—it's free and fun.

## OUR DINNER WITH THE SIDEMANS

Contributed by Debbie Whaley ([debbie.whaley@csus.edu](mailto:debbie.whaley@csus.edu))



L to R: Debby Whaley, Liz Dodge, Laura Harnish/BAO, Nancy Hendrickson, Richard Sideman, Mike Concannon, Elizabeth Ridley, Lynne Hosley/BAO, and Jill Sideman.  
Photog: Sue Keydel

In March, Jill and Richard Sideman hosted a lovely dinner at their home in Tiburon, California. The guests were mostly part of the core group for SFO during the mid '80s to mid '90s under Craig Zeien and Bill Dehn. At the time this group was mainly working on environmental work; many of the group went on to do other things (water, international).

Among the truly retired (!), activities seem to be centered around travel the world (Jill Sideman, Elizabeth Ridley, Mike Concannon, and Liz Dodge). In addition, Jill volunteers for national and regional parks in Marin County, Liz is still active in organizations in Berkeley, and Elizabeth is active in local arts and wildlife preservation organizations. The rest are still working, though maybe in a different reincarnation!

## WE WENT TO CUBA\*

Contributed by Jim Schwing ([jimschwing@msn.com](mailto:jimschwing@msn.com))



At Plaza Mayor, with Iglesia Parroquial de la Santisima in background

Mary and I traveled to Cuba April 2-13 with Natural Habitat Adventures and 11 others. The trip seemed like a step back in time to the 1950s. Many of the 1950s model cars were similar to ones I drove as a kid. Because of the embargo, the trip needed to be a "people-to-people" educational exchange. Consequently, activities centered on learning the culture, economy, environmentally significant sites, as well as how locals live.

Travel to, around, and from Cuba requires flexibility and patience. The charter flight was supposed to go from Miami to Cienfuegos in the south, from where we would travel by bus to Trinidad, but instead we had to land in Havana and take a 5-hour bus trip to our first stop. This was after waiting 3 hours to retrieve our luggage, which was quite entertaining, so no one seemed to mind.

Cuba has two types of currency, one for natives and the other for travelers: the Cuban peso and the Cuban Exchangeable Peso (CUC). Obviously, we had to use the CUCs. Exchanging US money incurs a special tax, so we purchased Euros, which are not taxed, prior to leaving Salt Lake City.

Cuban roads are in need of repairs, but the US-led embargo has made repairs difficult. Consequently, surface travel around Cuba is challenging and slow. Our bus trip to Trinidad was also slowed by river crabs on the highway. Apparently, the crushed shells can damage tires. We eventually made it to Trinidad without incident. Around Plaza Mayor we found the Iglesia Parroquial de la Santisima Trinidad. This 19th-century cathedral is the largest church in Cuba and is renowned for its acoustics and altars made of precious woods.

Next we drove to Valle de Los Ingenios, once the center of Cuba's sugar industry. Trinidad's immense wealth was created in this valley, though most of the sugar mills were destroyed during the War of Independence and the Spanish-Cuban-American War. Today the area's cultural significance is recognized in its status as a World Heritage Site.



Mary sniffing but not smoking

Just west of Trinidad, the road climbed into the Sierra Escambray, whose slopes are draped in Caribbean pines, ancient tree ferns, bamboo and eucalyptus. This area lies within the Gran Parque Natural Topes de Collantes, a protected reserve encompassing some of Cuba's lushest natural scenery, including rushing streams and waterfalls. The wet winds coming off the Caribbean Sea have made the north face of the mountains a luxuriant refuge for plants and animals, while the drier south face also hosts important ecosystems.



Mary, Jim, and other travelers for a ride to our restaurant in a Spitfire

With the development of the European tobacco market in the early 19<sup>th</sup> century and the perfection of the Havana cigar, Cubans realized Pinar del Rio guarded a treasure: soil and climate that produced the world's best tobacco. We visited a typical Cuban tobacco farm. The scenes here epitomize rural Cuba—thatched homesteads and farmers, called *guajiros*, driving ox carts with their faithful dogs trotting at their heels.

Our grand Cuba adventure concluded with a farewell dinner at La Guarida, perhaps the best known of the trendy new paladares, in Havana. La Guarida attained fame as the locale where the 1994 Oscar-nominated Cuban film "Strawberry and Chocolate" was shot.

\*You can read Jim's full article on their Cuban adventure after it's posted under *Travel* on the Alumni History website:  
<http://www.history.ch2m.com/Activities.asp> in August.

## CELEBRATING 40 YEARS OF METROGRO, OR, I ATTEND UW-MADISON ENVIRONMENTAL ENGINEERING REUNION

Contributed by Don Marske ([donmarske@gmail.com](mailto:donmarske@gmail.com))



Metrogro liquid digested biosolids give as good or better yields than commercial fertilizer at Klondike Farms

In late June, Joan and I attended the Third International Reunion Conference on Environmental Engineering at University of Wisconsin-Madison. The conference drew 80+ alumni of the graduate program from across the US, Taiwan, and New Zealand. Forty-one presentations were given over 2 days.

Among them was mine, *Celebrating 40 Years of Metrogro, Land Application of Liquid Digested Biosolids for Beneficial Reuse*. It was one thing to develop the program 40 years ago, but quite another for the client, the Madison Metropolitan Sewerage District (MMSD), to implement the program to the degree it enjoys today. Forty years ago, the MMSD had 26 farmers serving about 5,000 acres. Today, the award-winning program has 495 permitted farms serving 77,000 acres. As one long-time farmer/user said, "We have been using Metrogro for over 30 years on our...6,500 acres. We...apply Metrogro on our corn acreage and have good or better yields than the commercial fertilizer... plus it really improves the soil texture." Today, the demand for Metrogro clearly outstrips the supply.

I also saw and heard other CH2M and UW alumni at the conference. Tom Sigmund, a former MKE office employee, now Executive Director, Green Bay Metropolitan Sewerage District, gave a talk on Resource Recovery and Electrical Energy (R2E2): Transforming a Utility. Tom is shown in the photo with Professor Mac Berthouex, Chairman of the conference, and myself. Jim Tinjum, another CH2M geotech alumnus from the PHI and DEN offices, now an Associate Professor at UW-Madison, gave a presentation on *Wind Energy in Wisconsin: Opportunities and Challenges*.

All in all, it was a fun seeing old friends and sharing a really good success story. And Joan didn't even fall asleep during a single one of the 41 presentations! :-)

Don with Mac Berthouex and Tom Sigmund



## OFF TO FRANCE IN MAY

Contributed by Suellen Ehrmann ([Suellen.Ehrmann@ch2m.com](mailto:Suellen.Ehrmann@ch2m.com))



Wood nymph

Fares were low so we booked a studio apartment in Le Marais neighborhood in Paris and left Buster and Daisy with a dog sitter for 3 weeks.

We took to the streets of Paris thanks to its rent-here-drop-there [bike rental system](#), then Barry drove a Renault sedan south to historic, beautiful Sarlat la Canéda while I messed with the GPS and the radio. We canoed the Dordogne and gazed at hilltop chateaux as swans flew past at eye level. We motored to [beautiful villages](#). And while staying at [Le Jardin](#), we favored sitting on the patio relishing *des baguettes, des fromages, et du vin*.

I embraced the learning curve inherent in exploration. And the bread.



Toothless mariner

## New Retirees

### GIBB RETIREMENT PARTY BITTERSWEET



All-time favorite picture of Mike Gibb

Earlier this year, the Seattle office celebrated the long career of Mike Gibb. Ken Green/SEA sent this remembrance:

Mike is one of the most resourceful people who probably has ever worked for CH2M and he has demonstrated that resourcefulness on nearly every project that he has ever worked on. For his entire life, Mike has had the unique opportunity to be involved in design of projects, working with CH2M engineers and owners, but to also work with contractors to get the projects constructed. He has in the process been involved with complex design issues associated with many aspects of projects and at the same time has been responsible to work with the contractor to see that the project gets constructed in a cost-effective way and that appreciates the constructability and real-world problems that go along with getting these projects completed satisfactorily.

Mike has in the process gained a lifetime's worth of valuable experience about effective ways to get things accomplished correctly. These experiences have provided the sparks that have led to much of Mike's resourcefulness, but a significant part of that resourcefulness comes as a result of who Mike is and his personal interests in finding new and better ways to get the work done.

As one of the most significant tributes to Mike's contribution to projects, it has not been uncommon for Mike to receive offers for employment from both clients and contractors on projects that he had worked on. Mike has consistently looked for a better way to accomplish the work, has consistently worked with contractors to get the work done correctly and properly documented, and has

added significant value to clients. Mike has always accomplished this with a cheerful attitude, has always been considerate and helpful to all those around him, and is a person of incredible integrity. I have always enjoyed working with Mike and learned and enjoyed the interactions with him and his ability to contribute to the success of projects.

A few of the many ways that Mike has shown this resourcefulness on projects includes (believe me, I am only scratching the surface with this list):

- Development, design, and construction of his own drilling and sampling equipment that he used (usually at no additional charge to clients or the firm) to aid in understanding subsurface conditions on many dozens of projects from Alaska and throughout the Pacific Northwest, drilling

hundreds of borings on some projects, installing piezometer wells, and sampling sensitive soils. This equipment has been flown into remote sites where other means of drilling and sampling would have been cost prohibitive.

- Routinely recognized problems in the field and worked with contractors, engineers, and owners to resolve issues in ways agreeable to everyone without additional time or cost to the project.
- Flown his own plane to take aerial photos of dozens of project sites.
- Researched and helped develop a furnace capable of melting rocks.
- Worked with contractors in dozens of examples to build in seemingly impossible conditions.
- Developed and worked with contractors to construct liner and cover systems upon which equipment could work over pond surfaces far too soft to get access onto without a boat.
- Worked hard all day in a dry suit, working in and under the water, monitoring and assisting contractor in backfilling critical area of a hydroelectric project.



Connie and Mike enjoying his retirement party

"Thank you so much for the wonderful retirement party," Mike emailed ([mggibb@AOL.com](mailto:mggibb@AOL.com)). "And special thanks to Cathy Eckberg and Kristen Smids for the special efforts to set it up and organize the photos.

"It is with some sadness that I leave my nearly 48 year career at CH2M. It has been quite a ride. The bulk of my time was in the field as the "Lone Ranger," the resident inspector and so many of you were only voices on the phone helping me solve field issues. Only looking back and hearing some of you relate stories of projects completed do I realize how much we accomplished. I have been privileged to work in the company of many talented and hardworking people who became good friends.

"I am a firm believer in the employee owned business concept and have been richly rewarded for my participation. Thank you."

#### TONY VEGA RETIRED? YES AND...NO

Contributed by Tony Vega ([tvega1953@gmail.com](mailto:tvega1953@gmail.com))



Tony sharing with some young aspiring Dominican baseball professionals

I officially retired from the company on March 1, 2016. But I am also still very much working. Only now, for a different boss, God. Along with my wonderful wife, Joan, we are serving as missionaries in the Dominican Republic. I guess you could say that I have been working for the Lord even long before I took an extended 2-year leave of absence in February, 2014 to begin our new missionary adventure. Adventure? Yes, selling and/or donating pretty much everything you have and moving to an island in the Caribbean can be considered an adventure, especially when you are going into a culture that can be very different in so many areas of life. But God is good and after almost 2½ years of being here, we are adapting well. We are still learning, but the language, the customs, the commerce, the traffic, the weather, the government and others things have now become more of an "ah...okay" where not too long ago it could have been "you've got to be kidding me!!"

As missionaries here in the DR, we are being able to help our host culture people with many services that help them live more stable/productive lives that include ways to grow in their Christian faith. Some examples of this have been: leading folks through bible studies on developing better character traits; giving them opportunities to learn new trades that help provide income; parenting skills that promote more love, respect and unity; and practical ways of helping the community such as medical clinics, clothing and shoe giveaways, as well as providing food and provisions to those truly in need.

A very important part of what we do is help build leadership. Everything we teach and instruct is taught so that it can be replicated. That is, we try to teach everyone to be able to teach others. Our goal is to someday back away from the teaching/instructing role and be more of the coaches on the sideline encouraging and helping only when required.



Tony and wife Joan. Having a little fun during a break in a work project.

Another part of our ministry is being able to speak into the lives of many American (and sometimes Canadian) students that come here on short term mission trips throughout the year. We basically receive and lead these teams of up to 12-15 younger folks and a couple of adult leaders to help do needed services within our host ministry, an organization called HOPE 4 DR. In doing this, we are able to quickly build relationships, and speak into their lives to encourage them to continue to have a heart for helping others by staying connected to God and their respective churches. We believe this a very important part of building up and preparing our next generation.

Our Web site is [www.cten.org/tonyvega](http://www.cten.org/tonyvega). Our Facebook page ([www.facebook.com/vegavisiondr](http://www.facebook.com/vegavisiondr)) includes more stories, pictures and other information that may help you know more about how God is continuing to use us in the DR, even as we get a little older and grayer.

### HELLO, RECENT RETIREES

In addition to the folks above, the following staffers retired in the last 6 months.

Omur Akay	Steven Goodwin	William Mc Elroy	Patricia Royalty
Jacki Arradondo-Perry	Kenneth Green	Rosemary Mc Gurn	David Schmid
Martin Barackman	James Griffiths	Patrick McCluskey	Eric Schulz
George Campbell	Walter Hubbell	James McCoy	Karen Silva
Mary Carlson	Dale Jackson	Vijaya Mylavarampu	W Spaulding
John Casmus	Linda Korbus	Wayne Pearson	Robin Strauss
Delia Daniels	Mark Lowing	Beverly Poplin	H Sweat
Denise Ferency	John Madia	Peter Reifel	Michael Szomjassy
Andrew Freitas	Jeffrey Mc Coy	Steven Reynolds	Dan Weisiger

If any of you would like to share retirement stories, photos, or presentations, please forward information to [alumnirelations@ch2m.com](mailto:alumnirelations@ch2m.com) or [Gordon.Koblitz@ch2m.com](mailto:Gordon.Koblitz@ch2m.com), along with anyone's name inadvertently left off the list.

### PRE-RETIREE NEWS

#### Randy Denton Promoted to Fellow Technologist

Randy Denton/SCO, a senior electrical engineer within the Water Business Group, has been promoted to Fellow Technologist.

With more than 44 years of electrical design experience, Randy is a PM in southern California, managing and performing technical, economic, and planning studies for public, municipal, private, military, and industrial clients. His projects include manufacturing plants, military bases, water and wastewater treatment facilities, and refineries; his notable projects include the Ports of Long Beach and Los Angeles, and Twin Oaks Water Treatment Plant.

Randy is a respected coach and mentor to co-workers of all disciplines and project levels, working to broaden engineers' views and encourage critical thinking in project delivery. He guides staff to focus on best practices and encourages technology leadership and technology initiatives through industry participation and training. In addition to extensive industry participation, he has received recognition:

- Distinguished Engineering Achievement Award by the Orange County Engineering Council and its 35-member professional societies in recognition of past service for supporting engineering education and technical expertise on projects (2005)
- Institute of Electrical and Electronics Engineers Medal for service to the electrical engineering profession. Only 2,000 medals have been presented out of a 310,000 membership (2000)



Randy also brings established relationships with electrical design software companies, and works with technology providers to improve and add features that benefit CH2M and its clients. This work keeps the firm at the forefront in electrical technology, and allows designers and engineers to market technology innovations to clients.

Says Vahik Haddadian, PE, chief of design-harbor engineer for Port of Los Angeles, "I have a very high regard for Randy not only for his supreme and vast knowledge and experience in electrical engineering but also I find Randy a sincere, honest and meek person, a good friend, and a man of integrity."

Randy will continue to focus on representing CH2M's technology excellence to clients, training and mentoring junior staff, and supporting and encouraging the use of new technologies to enhance project wins and project delivery.

### Porter Reveals How to Stick with It



Dave Porter, far left, and the late Kirby Chaney, second from right, speaking with Indonesian officials during relief operations in Banda Aceh, 2004

Dave Porter/DEN has been with the firm for 28 years. He kicked off his career when CH2M's OM Services group had a total revenue of \$8 million and only about 10 projects. Over the years, Dave has worked in 30 countries, spent 15 years overseas and assumed the roles of project manager, regional manager, general management, and consultant/advisor. Dave tells us what it's like to stick with CH2M for the long-haul!

**How it began:** During 28 years with the firm, I think I worked on 300 different projects. Working on multiple projects gives you a broader perspective and great ideas and approaches you can share and apply elsewhere.

I started working in Hinesville, Georgia, right after being discharged from the Army. I took the job thinking I'd do it until I found a *real* job. That was 28 years ago.

**Why I stayed:** I've worked on projects involving almost ALL of our competitors and it's hard to find or duplicate the collegial relationships we enjoy at CH2M. There's an attitude and atmosphere where people are never afraid to share their knowledge and abilities. In other words, it's not so internally competitive that people hold back because they're afraid of losing a competitive edge. The people I've worked with are willing to mentor their peers and colleagues.

My first boss, Gary Wood, was a great influence on me. I'm sure 200 others would say the same. Don Evans and Bernie Miller were also important to my career. I told Bernie I had a passport and was willing to travel. He took me up on the offer, hence the work in 30 countries!

**Advice for all:** I've had a great career. But if I had to say anything to my younger self, or a new employee, it would be, "All of the due-diligence will pay off."

On December 31, 1999, I was working at a treatment facility in Israel, waiting for the control system to self-destruct when the Y2K bug hit. I thought to myself, "Why am I doing this?" We had done everything we needed to keep systems running, and everything turned out OK. If you prepare and complete all of the necessary work, everything will come together.

### Lozier Named Water Quality Person of the Year



Jim Lozier/PHX received quite an honor during this year's American Membrane Technology Association and American Water Works Association Membrane Technology Conference and Exposition—being named the Water Quality Person of the Year.

The award is "in recognition of his service as Vice President of Global Technologies for CH2M, specializing in membrane based water and wastewater treatment, desalination and water reuse and for his internationally recognized leadership in membrane technology through his publications and presentations on the use of membrane processes in both municipal and industrial markets."

Jim received the award in April at a luncheon ceremony in San Antonio.



### Long-terminer Boone Shares Insights

Duncan Project Manager Tim Boone/DUN is OM Services' longest-serving active employee, having first joined the firm in 1981. It seems natural that three-plus decades serving as an operator, manager, and leader of teams would yield important lessons for work and for life. And sure enough, Tim has plenty to share.

"Not long after starting my new job with CH2M, I fell into an anaerobic digester at the plant I was running. That was the first of many challenges with this firm! I spun around in that digester slowly, mired up to my waist in a layer of scum for more than two hours before I grabbed a conduit and got myself out. I learned some important lessons that day — keep calm, think things through, don't give up and, most importantly, breathe through your mouth."



A little bit about me: My father and mother had the greatest influence in everything having to do with my entire life. I was a chosen child — adopted at age two. I never knew the people that brought me into this world, but I sure did know and love the parents that raised me to be the man, husband, father and grandfather that I've come to be.

Advice for all: Find a way to travel, and if you can, work in a foreign country among people from another culture. Working abroad gave me an opportunity to experience things I never imagined. It was like winning the frequent-flyer-miles lottery. It provided for both personal and professional challenges from being separated from family, to overcoming language barriers, to increasing my vocabulary for cussing in different languages.

Being the longest-term OM Services employee, I've seen many changes, more so over recent years. It seems like you haven't adapted to one thing before many others begin. Some make more sense than others, but all demand time and effort on top of the full-time job and extreme challenges many of us deal with every day. Try not to be too much of a creature of habit and be confident enough to take leaps of faith to get the most out of life.

I take comfort in the feeling that I have done my part in trying to make the world a better place for those of us today and, more importantly, those of the future, like our kids and grandkids and grandkids' kids. Most people take clean water for granted. While our work will probably touch more lives than any of the famous rock stars of our time, the fame and fortune will elude us all.

### Matichich Garners CEO's Career Achievement Award



With more than 30 years with the firm, Mike Matichich is one of CH2M's valued, high-performing consultants.

Chairman and CEO Jacque Hinman recently recognized this year's CEO Excellence Award winners, and congratulations are in order for Mike Matichich, senior economist and planner from Washington, DC, as he receives a Career Achievement Award. A few reasons Mike was recognized include:

- Mike has 30 plus years with the firm and is one of CH2M's valued, high-performing consultants.
- He has provided highly technical financial consulting services to Water clients for many years, exhibiting both extraordinary attention to detail and strategic vision.
- He communicates well with colleagues and clients, and is analytically strong.
- He works hard to connect with staff, taking the time to have meaningful conversations and mentor employees.
- Lastly, Mike is witty, intelligent, thoughtful, and fun.

In response to the recognition, Mike said, "I am truly honored to have been recognized with this award. My true award has been the opportunity that I have had to work with such a fine group of talented colleagues for more than 30 years, while helping clients to address their significant financial and management challenges."

In their sixth year, the CEO Excellence Awards are one of the ways CH2M recognizes the difference employees are making in the world. This year, a record-breaking 118 people and projects were nominated in the categories of Career Achievement, Emerging Leaders, Delivery Solutions and Client Centricity. And more than 7,000 people participated through the online collaboration tool, Catalyst, to submit, comment on or vote on the nominations. In the end, seven projects and seven individuals were honored with the prestigious award.

## GOODBYE, OLD FRIENDS

### Remembering Harlan Moyer

Contributed by Jacque Hinman, Chairman and CEO



"Good, capable people have made this organization what it is. We don't sell any widgets; we sell brains. And we do a good job of it." What an inspiring quote from one of our profound former leaders, **Harlan E. Moyer**, who passed away peacefully in his sleep on February 15. He was 89 years old.

Harlan served as CH2M HILL's President and Chief Executive Officer from 1978 to 1991—becoming the first CH2M HILL chief executive to succeed our founding leaders Jim Howland, Holly Cornell, and Clair Hill. During Harlan's tenure as CEO, the firm grew from 1,400 to 6,000 employees, while increasing revenue ten-fold, to \$600 million.

"He was deeply indebted to Clair Hill for the opportunity he gave him," son Dean said. "It proved to be a good career move." Among several notable achievements early in his career, he led the landmark South Tahoe Public Utilities Project, a joint effort of Hill and CH2M that ultimately paved the way for the two firms to merge.

"Good, capable people have made this organization what it is. We don't sell any widgets; we sell brains. And we do a good job of it."

## Engineering leader Moyer dies at 89

■ He was CEO of CH2M Hill from '78 to '92

By David Benda  
obender@reding.com  
530-225-8219

The last surviving engineer of a group from two West Coast firms that merged 45 years ago to form CH2M Hill and create what has become one of the largest environmental engineering companies in the United States died Monday after a brief illness.

Harlan Moyer was 89. He was living in the Fall River area.

Moyer was remembered by family and colleagues as a devoted family man whose passion for engineering helped build a company and shape an industry. He joined Clair Hill & Associates in Redding in 1952.

"Harlan was a classic," CH2M Hill CEO Jacqueline Hinman said Monday from company headquarters in Denver. "I'm not sure we are building engineering leaders like that today. ...



Moyer joined Clair Hill & Associates in Redding in 1952.

He was a man of deep faith and strong core values of respect and collaboration. I'm very sad today because there are not very many people like that left in the world and certainly not in our industry."

Moyer was CEO of CH2M Hill from 1978 to 1992 and continued

working as a senior executive vice president until 2010, when he retired after 58 years with the company.

Among his accomplishments were securing an engineering contract for Clair Hill with the South Lake Tahoe Public Utility District in 1960, a project that drew global recognition for Clair Hill and CH2M, of Corvallis, Oregon. The two companies finally merged in 1971.

Moyer also worked with Congresswoman "Bizz" Johnson on drafting the Clean Water Act in 1972. In 1980, Moyer

was a consultant in the drafting of the congressional Superfund legislation, which targeted toxic waste sites throughout the United States. CH2M Hill later became a Superfund contractor for the cleanup of Iron Mountain Mine about 10 miles northwest of Redding.

Working as an engineer for Clair Hill & Associates, Moyer did initial site surveys for Enterprise High School, Thompson Field at Shasta High School and the McCloud River Project.

See MOYER, SA

All of us owe tremendous gratitude to Harlan, who in 1978 became the first CH2M HILL chief executive to succeed founding leaders Jim Howland, Holly Cornell and Clair Hill.

Harlan joined Clair A. Hill and Associates as a civil engineer in 1952, two weeks after graduating from the University of Nevada at Reno. When asked about the secret to the firm's success during his tenure, Harlan credited the thought leadership of CH2M HILL employees. He said, "Good, capable people have made this organization what it is. We don't sell any widgets; we sell brains. And we do a good job of it."

Harlan served as a valuable mentor to me in my CH2M HILL career. I first met him in 1988, at the company's Capstone project management seminar, which occurred approximately 2 months after I had joined the company. Harlan was so dedicated to mentoring young engineers that he decided to serve as one of the course instructors.

Imagine my surprise to be included in Harlan's breakout mentoring group on engineering quality and effective project

### MOYER from 4A

He also was successful in leading an effort in the 1960s to get the Enterprise sewer issue passed.

"He went door to door to get the Enterprise sewer built because septic tanks were overflowing during wet years," son Dean Moyer said Monday.

Dean Moyer said his father epitomized the World War II generation, growing up during the Depression in Modoc County and then going on to work for the same company for most of his life.

"He was a great man and a great dad," Moyer said.

Harlan Moyer coached Little League. He was a passionate Enterprise High

School Hornet booster and earned a lifetime pass to home games. He also was a member of the Lions Club, Kiwanis, Rotary and the First Methodist Church in Redding.

CH2M Hill had 1,300 employees when Moyer became president and CEO. He was an engineering graduate from University Nevada, Reno.

"He was deeply indebted to Clair Hill for the opportunity he gave him," Dean Moyer said. "It proved to be a good career move."

Today, CH2M Hill has 25,000 employees around the world, including an office in Redding on Airpark Drive.

Hinman became CH2M Hill's CEO in 2014. She remembers reaching out to Harlan Moyer after her

appointment. "I talked to Harlan, I called him, sent him emails. He gave me advice," said Hinman, who considers Moyer a mentor. "We had some project losses and he talked me through those. ... It was sort of the best gift I could have ever have gotten."

Moyer is preceded in

death by first wife, his son Dan, and brothers Roger, Norville and Alden. He is survived by wife, Carol, and his children Connie Pola, Dean, Dave, Ann Shelden, and Eric Zimmerman; 13 grandchildren and six great-grandchildren.

A private family service will be held this spring.

RECORD SEARCHLIGHT • Tuesday, February 16, 2016 • 3A

Harlan's obituary from the Redding Record-Searchlight

management! In recent years, Harlan provided me valuable mentoring advice again, as a CEO. I had several conversations with Harlan in 2014 and 2015 about leadership, company values, strategy and business management. His sage advice and practical wisdom were a great source of strength to me, as they were for many others who had the honor of knowing him over their careers.

Fred Merryfield's widow, [E. Anne Merryfield](#), 84, passed away June 14, at her home in Medford, Oregon. Elizabeth French/CVO emailed Jacque Hinman, whose executive assistant, Melody Ambrose, replied that Jacque wanted to send flowers on behalf of the firm. After some back and forth, we learned from Virginia Conner/CVO, what Anne herself might have said: "No flowers, they are a waste of money. In lieu of flowers, contributions can be made to Rotary or OSU." Virginia added that "there would be no service, and that she would be laid to rest by Fred."



Duke & Jerry Knapp

Our friend and colleague, [Jerry Knapp](#), passed away earlier this year after a 1-year struggle with cancer. Jerry was leader of the economics practice at CH2M HILL. Jerry passed at home, surrounded by his wife, Kullaya (nicknamed Duke) and two children, Lisa and Tony. He hired and mentored Steve Hatchett/SAC, Allan Highstreet/SAC, and others.

"I first met Jerry when he was hired by the firm to be our Chief Economist and he was trying to decide which office he wanted to be based out of" wrote Norm Brazelton. "With firm wide responsibilities he could basically select the office of his choice. We had about 10 or 15 offices at that time. I lobbied hard for our small Sacramento office and lucky for me that is what he chose."

"At that time we only had 3 to 5 economists and all were located in the SEA office and all of them had an electric power background. Jerry purposely did not want to go to SEA as he wanted to add Resource Economics to the firm and he felt it best for him to not locate in SEA. He also liked the basin wide water resource and irrigation background of the then RDD and SAC offices. He had a background with the Bureau of Reclamation—in fact a very high position within that organization."

"I always had an interest in economics as all of us engineers had to take a class called Engineering Economics. I loved it while most engineers hated it. I remember one day I was using my old college economics book to look up some economic factors when Jerry walked in and suggested that I buy a hand held calculator (a new tool in those days and way before PCs) that contained all the factors in memory. Simply use the pmt, pv, pw, i, n, keys and compute whatever you need in a few strokes. Wow! the best \$30 I ever spent. I have replaced the batteries a couple of times but it still works great."

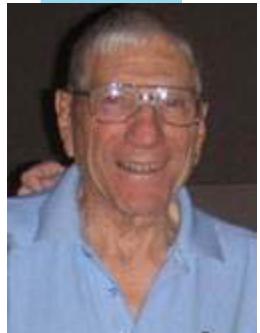
"Jerry and I both invested in the public stock market and in fact each of us made ourselves financially independent through some sound investments. I retired early, age 57, while Jerry went to Russia for a few years, about 4 I think, then came home and retired. Jerry was a year younger than me. I remember him telling me that one of his gifts to himself upon returning from Russia was his Mercedes sports car convertible."

"I watched his two children grow into delightful and successful young adults. Jerry was very proud of them both as he should be. I have lost one of my closest friends and will miss him deeply. Plus I have lost someone who I could reminisce about our days at the firm and how it has changed. Neither of us were happy with some of the changes and that contributed to our early retirements. It was probably time for us to go and get out of the way."

"Although I never met Jerry in person," wrote Mary Jo Kealy, "he reached out to Mark and me back in 1999 to work on the Blackfeet Indian Tribe's water rights case. He was one of the first to think more broadly about what economics could contribute in terms of beneficial use assessments, which had relied almost entirely on irrigated agriculture to make the case for profitable water use on the reservation. Jerry asked us to evaluate the extent to which water might be needed to enhance water resources that could support other beneficial uses such as eco-tourism (trophy trout fishing, high quality waterfowl hunting) and perhaps satisfy the public's willingness to pay for restoring wetlands and the associated populations of migratory waterfowl in the flyway."

"Jerry predicted years ago that he would enjoy a long career on that project (which he did) and he went on to predict that we would as well (less true, but the case has not settled yet).

"Any time Jerry's name came up in conversation, I could not help but pick up the regard and respect that was paid to him."



*Joe Patten*



*Dick Nichols*



*Marilyn, Connie, and grandkids*

**Joe Patten**, a pillar of both CH2M HILL and California water history, passed away January 30 at the age of 93. He dedicated his career and life to the foundation of the firm.

Joe was born and raised in Santa Cruz, California. While working for the U.S. Bureau of Reclamation as a civil engineer, Joe conducted operation studies for California's Central Valley Project, including an investigation of the Feather River that led to the selection of Oroville Dam for the basin's water and power supply. He established the Department of Water Resources for Shasta County before joining CH2M HILL (formerly Clair A. Hill and Associates) in Redding.

Joe was director of the Water Resources Discipline with firmwide responsibility for planning, design, water rights, and general engineering for water resources development and distribution projects. He supervised large and small water resource projects with multipurpose functions such as irrigation, municipal and industrial uses, flood control, hydroelectric power, water quality control, fish and wildlife enhancement, recreation, and conjunctive use of surface water and groundwater. He retired in 1983 as VP, Water Resources, but continued on as a consultant for 12 years.

**Richard "Dick" Nichols** of Corvallis passed away in Philomath on February 19. He attended Oregon State College between 1945 and 1949 where he was a member of Theta Chi fraternity, numerous honor societies, and played trombone in the OSU Band. He graduated with a BS in Electrical Engineering in 1949, and was elected to the OSU Engineering Hall of Fame in 1999.

Dick's first job was for the Corvallis Gazette Times as a paper boy, but he spent most of his career—from 1957 until 1994—in the firm's Corvallis office, where he worked on a variety of projects and locations. He also wrote original and updated master electrical specifications for CH2M HILL designs. He was a registered professional engineer in seven states.

He was heavily involved in the 360,000-member Institute of Electrical and Electronics Engineers (IEEE) reaching the level of fellow in 1987, and received the IEEE Centennial Medal, IAS Distinguished Service Award, EAB Meritorious Service Award, and IEEE Millennium Medal.

Dick and his wife enjoyed traveling all around the world. He had a love of fine art, particularly the work of Michael Gibbons, and the Oregon coast. His hobbies included gardening, reading, woodworking, and eating ice cream.

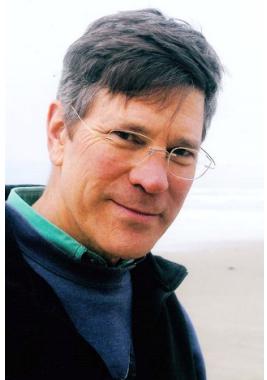
**Cornelius "Connie" Carmody** died January 8 at Sky Ridge Hospital in Highlands Ranch, Colorado due to complications following lung cancer. He was 66.

Connie was born in Pittsfield, Massachusetts, attended the University of Massachusetts, and earned a degree in mechanical engineering. He joined the Air Force and served for over 30 years, achieving the rank of colonel. While serving, he earned an MBA and attended numerous advanced military courses.

Connie married Marilyn (Little) on August 20, 1971. Together they enjoyed traveling, golfing, and skiing. He was devoted to his three children and five grandchildren; nothing made him happier than having the family together.

As a career USAF officer, Connie was known to be patient and kind, and was well respected by all.

"Connie 'graduated' from the Air Force in August 2003. I actually conducted the ceremony at Peterson AFB in Colorado Springs," wrote Gene Lupia. "I recruited him to come directly to CH2M. From August 2003 until 2006, Connie was our Air Force Client Service Manager for any work CH could do for the Air Force—his job was to 'sell the company store.' From 2006-2007, Connie was the program manager (PM) for the Air Force Contract Augmentation Program (called AFCAP). During this time, he also worked hard on the business- development effort to win the Base Operating Support contract for the US Air Force Academy (USAFA). Thanks to his contributions, we won the 7-year contract—in a joint venture with KIRA—which turned out to be very profitable. Connie was PM for the first 4 years. In August 2007, I moved him to be PM on the USAFA Base Operating Support Contract. He did a magnificent job—and each year we were awarded another option year. He stayed in this job until October 2011, when he went to being a flex employee. From October 2011 to 2014,



he helped put together a number of important proposals, including the one for the now Small Business re-compete at the USAFA as a sub to Wolverine. He retired from CH in September 2014."

**Gordon Ormsby** died of glioblastoma, an incurable brain-originated cancer, on February 29 at home in Corvallis. He was 69. Gordon was born and raised in Martinsburg, Pennsylvania. In 1964, he and Marion Gregor started dating as seniors at Central High School. In 1968, they married and graduated from Penn State.

Gordon earned a BS in electrical engineering and was the first engineer at two Pennsylvania rural electric cooperatives. In 1978, the family moved to Corvallis where Gordon took a job as a power transmission line design consultant with CH2M HILL. He built a strong project design resume with dozens of successful projects all over the country, eventually becoming the electric utilities department manager.

In 1996, he and a financial partner led eight engineers and technicians out of the firm to start a new power utilities consulting company in Corvallis. By the time he retired in 2013, TriAxis Engineering Inc. had grown to a staff of about 25 with additional offices in Vancouver, Washington, and Albuquerque, New Mexico. TriAxis designs substations, transmission lines and distribution lines for Northwest public utilities and for many US developers in both wind and solar generation. Gordon remained proud of the TriAxis staff.

To prepare for an active retirement, Marion and Gordon moved to a worn-out old Kiger Island farmstead on 3½ acres south of Corvallis in 2005. They remodeled the house and repaired the grounds. Gordon was happy to have park-like Douglas fir woods, a varied orchard, a pasture, and a vegetable garden of deep sandy loam soil. He lived as a kind, quiet Secular Humanist who valued science, logic, and the golden rule.

**George Hiram Silkworth**, 92 of Boise, Idaho, passed away March 5. George earned an electrical engineering degree from Rensselaer Polytechnic Institute in Troy, New York, and joined the US Army Air Corps to pilot B-24 Bombers in WWII. He married Sarah "Sue" Silkworth in 1952 and began their 64-year adventure together. They had two children, Linda and Steven George.

Much like Lucille Ball and Desi Arnaz in The Long, Long Trailer, George's trail-blazing career as a corrosion engineer allowed him and his family to travel across the US in the comfort of their travel-trailer. In the late '50s, he and Sue journeyed to the West Coast and never looked back. The family moved to Salt Lake City, then Corvallis (where he joined CH2M HILL) before settling down in Boise in 1970.

George will be remembered as a headstrong, honest, hardworking man with a brilliant mind. Anyone who knew George well knows that he was never afraid to speak his mind, but was always ready to find the humor in life with either a good joke or Johnny Carson's antics on The Tonight Show. He lived a full life to the end, enjoying his passions as long as he possibly could. He spent his life traveling the world, exploring the US in his motorhome, skiing, and riding motorcycles. George always had a camera close by to document the world around him, and his photographs will be a lasting memento for his incredible journey through life.



A diagnosis of aggressive cancer in June 2015 didn't dull **Kirby Chaney's** enthusiasm. He maintained an ambitious work and travel schedule, through multiple surgeries and chemotherapy, until early 2016. Kirby died March 24 near his home in Austin, Texas. He was 56.

Kirby grew up in Tulsa, Oklahoma, and lived life to the fullest with his wife, Angela, creating many happy memories together.

Through more than 20 years with CH2M, most recently as VP, Operations and Maintenance, Kirby led dozens of projects and teams around the country and around the world, spending time in Brazil, Egypt, Taiwan, Indonesia, and Puerto Rico, to name a few. Kirby brought clean water to people in need after the 2005 tsunami in Southeast Asia. His last international assignment took him to Mongolia, where he led a group assisting the Oyu Tolgoi copper mine in the South Gobi.

Kirby showed us what it was to live and work with passion and adventure. During his years with CH2M, he led dozens of projects and teams around the country and around the world, brought clean water to people in need after the 2004 tsunami in Southeast Asia, and grew a loyal following of clients,

*Gordon Ormsby*

*Kirby Chaney*



Kirby in a quieter moment; perhaps on a secret trip

colleagues, and admirers wherever he went. His career story reads like the world travelogue of a professional always ready to take on the next tough challenge—Taiwan to Puerto Rico to Mongolia.

Kirby leaves scores of friends all over the world. The many CH2M professionals who knew, learned from, and loved Kirby no doubt will remember his keen focus and demand for excellence from himself and his team members. But more importantly, we embrace his playful and mischievous philosophy for working and living:

- ▶ *Whatever it is, make it epic.*
- ▶ *Use the word love as much as you can, especially at work.*
- ▶ *Take secret trips. Make them honorable, so they can stand up to scrutiny, but allow them to be secret, too.*
- ▶ *Make an adventure out of even the mundane stuff. Adventure is everywhere, if you just open your eyes and your heart.*
- ▶ *Have a base plan. Life is going to throw some things at you that you aren't expecting, so it's easy to adapt if you have a plan to work from.*
- ▶ *Stand in the wind against criticism and adversity, when you know you are on the right side of right, the wind feels pretty good.*
- ▶ *"Cans of worms" and "slippery slopes" are excuses that work on elementary school kids everywhere. Exceptions are OK for adults.*
- ▶ *Rum is what the pirates drink and it's OK to be a pirate sometimes—even all the time.*



Tommy Murphy

In early February, the Rio Rancho, New Mexico, team lost a dear friend and associate when Production Operator **Thomas J. Murphy** lost his battle with cancer. Tommy was a 40-year career veteran at the water facility in Rio Rancho. Those who knew Tommy are honored to have worked with him over the years, many of them having been trained by Tommy in the Water Production department.

On March 15, the city of Rio Rancho paid tribute to Tommy, recognizing him for the hard work and passion that he brought to the facility every day. Tommy's CH2M colleagues accepted a plaque in his honor.



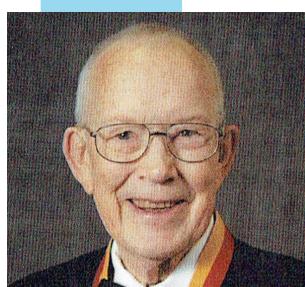
Tom McClellan

**Thomas J. McClellan** passed away April 5 at the age of 96. He majored in civil engineering at Oregon State College and received a bachelor's degree in 1944 from Oregon State College. He married Geraldine "Jerry" Sall in October 1944, and worked for a year in the Corvallis City Engineering Office. After working as an instructor in engineering at OSC, he joined the graduate program at Yale University, and received a master's degree in engineering in 1948.

When he returned to teaching at OSC, he taught higher-level courses in structural design and developed coursework in emerging areas of his field. He also taught night courses for the General Extension Division in Portland and Salem and was a visiting lecturer for the American Concrete Institute and the American Institute of Steel Construction. He retired from teaching at OSU in 1978, but continued working for CH2M HILL and other architectural and engineering firms and the State of Oregon until 1985.

Throughout his lifetime, he played, wrote and arranged music for the Corvallis Community and Linn-Benton concert bands, local Dixieland and jazz bands, and helped organize special performances for theater and fundraising events. He was a member of Sigma Nu fraternity, a life member of BPOE (Elks), ASCE, the American Concrete Institute, and the Corvallis Country Club, where he enjoyed regular golf dates until well into his 80s.

**Don V. Roberts**, Distinguished Member of the American Society of Civil Engineers and past President of the American Society of Foundation Engineers, passed away peacefully at home in Denver on January 31. He was 87 years old. Don, who was a senior partner with Dames & Moore and a VP at CH2M HILL, was a pioneer of sustainable development in engineering and a leader in environmental conservation.



Don Roberts

With more than 60 years of experience as a consulting civil and environmental engineer, Don was responsible for major geotechnical investigations and environmental studies for 500 projects in 20 countries. He was a pioneer in developing methods to analyze the environmental impacts of projects prior to passage of the National Environmental Policy Act. He also managed programs to investigate and clean up nuclear waste sites for the Department of Energy. A Distinguished Member of ASCE, Don received the World Federation of Engineering Organisation's Gold Medal for "outstanding service to humanity" and the ASCE Presidents Award "for his advocacy for the engineering community's engagement in the dialog on sustainability issues internationally...and his tireless efforts to serve civil society by incorporating the tenants (sic) of sustainable development into engineering practice."

Don is fondly remembered for his creativity, wisdom, vision, and professional and personal kindness to many engineers.

**Eric Lee McClelland** passed away June 23. He was 73. After junior college and working for an architectural firm, he moved his young family to Redding, California, to begin a career as a design technician with Claire Hill & Associates. He retired in 2010 after 40 years. He leaves his wife, Jessie, who also worked for the firm as a tech.

"Eric was active in office social life – parties, softball, organizing retirement lunches, etc. His wish was that a gathering be held where he bought the drinks. That gathering took place June 26<sup>th</sup>, a great gathering of mostly firm alumni as well as family members." – **Bob Charley** ([bobwcharley@yahoo.com](mailto:bobwcharley@yahoo.com))

"I worked with Eric for 31 years. I was also his supervisor for 14 years. Hands down he was the best structural layout design technician in the firm. He was crusty at times and a little gruff, but one heck of a technician. In the ink and Mylar days his drawings were superb. You could tell Eric's drawings by just looking at them without looking for the draftsman, they were that outstanding. Eric could design and lay out an entire metal building and write the specs too. It would be reviewed by an engineer or architect with minor or no changes. Eric also would work whatever hours it took to get the job out, which could be a lot in the hand drafting days. Eric also made the transition to 3D modeling and became equally good at that too." – **Chuck MacDonald** ([chuckyruns@yahoo.com](mailto:chuckyruns@yahoo.com))

"He died at Mercy HP with pneumonia, an end result from COPD. A remarkable structural draftsman/computer designer. Well thought of. He took complete control of a shop facility planning, design and construction inspection project for me as part of GCID's Small Projects Act Loan Program." – **Ed Lance**

We recently lost these colleagues as well.

Douglas Galloway	May	Thomas Murphy	Feb	Ward Walker	Feb
Edward Henrichson	Jan	Alan Osmer	Feb	Patrick Walsh	Feb
Christopher Lollar	Mar	Andrew Van Evera	Jan		

If you hear about the death of any of your colleagues and you think others would be interested, please forward the obituary or the family's contact information to [AlumniRelations@ch2m.com](mailto:AlumniRelations@ch2m.com) or [Gordon.Koblitz@ch2m.com](mailto:Gordon.Koblitz@ch2m.com).



Eric McClelland



Eric and Jessie

## SPECIAL INTEREST

### Heroic Aspirations: Lunch with Bud

Contributed by Elisa M. Speranza/NWO, CH2M Senior Vice President & Corporate Director



Bud Ahearn

One of my heroes in life is retired CH2M executive Bud Ahearn. A few times a year, when I have an occasion to be in Denver, I schedule a lunch with Bud. It's like having lunch with Yoda or the Dalai Lama. I always come away from the lunch feeling wiser and standing up a little straighter.

Our conversations are wide-ranging and always stimulating. Last time, he spent some time reminiscing about his dear, recently departed wife Noni, whom he met when he was studying at Notre Dame. He had spent the last several years caring for her in her long decline, but instead of being melancholy or morose, he was animated as he told funny and poignant stories about her, obviously relishing the many years they had together and keeping her bright spirit alive. Bud's also quite proud of the family they raised and excited about the next generation coming up—I could only think how cool it would be to have Bud as a Grandpa.

Bud's the most active "retired" guy I know. He's still very involved with the Construction Industry Institute, Engineers Without Borders, writing and speaking, and helping to mentor and guide any number of people and organizations. One of his recent projects is an effort that brings Notre Dame together with a nearby inner-city neighborhood initiative called the [Bowman Creek Project](#).

I always try to pick a restaurant with white paper tablecloths when I meet with Bud, because inevitably he ends up sketching brilliant and useful things that give me food for thought. Last time, after drawing a bell curve to explain the distribution of "control freaks" and "aspiring people," he talked about the attributes successful leaders need: purposefulness, self-awareness, ingenuity, selflessness (being "other-centered"), service (giving without anticipating a return) and heroic aspirations. He puts all those values in a context of "performance readiness," drawing on his days at NASA and in the US Air Force to promote quality and excellence. This is the kind of talk that first got my attention when Bud spoke at CH2M's University of Michigan "drink the kool-aid" session I attended shortly after I joined the firm in 2001. Here was a decorated military veteran, engineer and business executive, talking about business culture in terms of "service" and "love"? I was blown away, as I know generations of CH2M colleagues were—Bud taught us that success in business and service to the world and each other were not mutually exclusive.

To read more about Bud, check out this [article](#) in the Notre Dame student newspaper, and this [write-up on the prestigious Dunn Award](#) from the Construction Industry Institute. There's also a terrific article Bud wrote called "[Citizen Engineers: Leaders in Building a Sustainable World](#)" in the *Journal of Values Based Leadership*.

[Elisa M. Speranza](#) is a Senior VP in CH2M's Client Solutions & Sales Group. She manages key client accounts and oversees CH2M's innovation and technology, sustainability, and corporate citizenship functions. Elisa serves as one of seven employee-directors on the firm's 13-member corporate Board of Directors, and as president of the CH2M Foundation. Originally from Boston, she lives in New Orleans. She can be reached at [elisa.speranza@ch2m.com](mailto:elisa.speranza@ch2m.com) or on Twitter @ElisaSperanza.

### Turning Point: A Look Back on OM Services' Triumphant 2015

By Steve Meininger/BSS

**Note:** I started a conversation about this article after I read it on the VO News. I'd like to share it and cascading comments with you, our readers. — **Gordon**

2015 was a year of excellence. The OM Services team, full of talented, hardworking and dedicated individuals, brought in honors and awards, worked to advance their careers and helped us stay true to the promises we made to our clients. And that's not even the half of it. Edited highlights from 2015 include:

#### Our Accomplishments

- CH2M achieves Climate Leadership Award.
- Key West Plant wins Operations Excellence Award.
- Gilroy Project receives multiple awards from the California Water Environment Association.
- Hinesville, Georgia, earns three awards from the Georgia Association of Water Professionals.



Jeff Mervin accepts the TI Supplier Excellence Award for the North American Region.

- Water Business Group picks up the Stockholm International Water Award.
- Ontario, Oregon, wins the League of Oregon Cities Award of Excellence.
- Auburn, California, brings in the California Water Environment Association Plant of the Year Award.
- CH2M named one of Business Insider's "Best Companies to Work For in America."

#### Our People

- 32-year CH2M veteran, Gary Wood, retires.
- Darrel Blanchard retires after 51 years of adventures in the water and wastewater industry.
- Douglas Miller retires after 22 years of service with CH2M.

#### Our Projects

- City of Prescott Valley, Arizona, unanimously approves a 5-year contract.
- General Electric selects CH2M's facility services team for performance of Hard and Soft Services at a number of sites in the U.S. and Canada.

- Dallas, Oregon, signs on for another 5-year partnership with CH2M.
- Waynesboro, Georgia, chooses CH2M for another 5 years.
- City of Pampa, Texas, celebrates 30 year partnership with CH2M.
- Vancouver, Washington, selects CH2M for a decade worth of quality wastewater work.
- City of Farmington, New Mexico, signs an 8-year renewal to add onto our 15-year partnership.

*Then I sent it to John Echternach, who replied:*

If there was ever testimony about a mind set of "more than just necessary" this is it. This is "Want to Want to" in action. These folks don't do what they do because of orders or requirements. They do it because it is who they have become, who they are,, and God willing, who they will remain...The art of instilling that desire in people is a gift. The art of practicing it is graduating to self actualization to the nth degree. This is why culture is so hard to change in organizations. If you remember, Hal Resnick tried to teach CH2M how hard that was to do back in the early nineties. Wonderful article, especially giving tribute to individuals rather than just corporate awards. "The best business development is repeat business from the clients one already serves". Think I hear Tom Gibbs, Archie Rice, Craig Zeien, Harlan, and many others echoing in the halls.

*Then I sent John's comments back to Steve Meininger, who replied:*

Thanks for sharing the feedback Gordon! It's really nice to know that our alumni are keeping up with our activities and continuing to be our supporters. We can certainly use the help and encouragement! I've been with CH2M for 23 years and 19 of them in the OM Services group (formerly OMI). I'm amazed at the foundation we have to build from and we are truly the envy of the O&M industry in the US. The culture wasn't built overnight, but has been sustained for 36 years and counting.

I have visited a dozen projects in the past 6 weeks and several of them were projects where we either inherited city employees or competitor employees in the past year. In every case, the employees noticed an immediate culture change for the better. One example was our emphasis on safety. They felt like we cared about them as individuals versus just using them to accomplish a goal.

I tell people that my goal is for CH2M to be a place that people can spend their entire career if they choose to do so, which means we have to maintain a culture where people want to stay and never get complacent about our service delivery. We're working hard on both.

#### READERS' FEEDBACK

We welcome contributions and feedback from retirees and alumni near and far, and need help keeping abreast of your movements. We also welcome alumni from all business sectors on every continent to forward interesting, notable CH2M stories to [Gordon.Koblitz@ch2m.com](mailto:Gordon.Koblitz@ch2m.com). Here are samples of readers' recent comments.

I appreciate the work put into [newsletters], as you say “packed with news of former co-workers, recent and upcoming get-togethers, and articles on the firm’s achievements.” Thank you.

**Dick Glanzman**

Nice job. Particularly liked the London article and the info in the links. **Collin Matheny**

This is fabulous! Excellent job, and I loved seeing some familiar faces of long-lost friends in the photos. I especially got a kick out of the John Gaston article. Some things never change! I even made it into the newsletter myself—that’s me in the green baseball cap in the Mobile Bay photo. Thanks for sharing, **Elisa Speranza**

Whilst I appreciate receiving this newsletter, I am disappointed that it is so US focused and so I find little of interest to me in the UK. In this issue there is a short article about the Crossrail project in London, but I don’t think I have seen, in any of the issues I have so far received, any references to UK personnel/retirees/alumni. **Les Batty**, former Principal Ecologist, Peterborough, UK

I shared the newsletter with [my daughter] Debbie and got the following response...She worked for the firm for a few years in Santa Ana and Houston. “Wow, the newsletter is awesome! I wasn’t expecting that at all. Thank you for getting me on the list!” **Don Marske**

Wow, big newsy newsletter! Good job, though I haven’t read it all yet. I’m too busy playing Words With Friends with Suellen. Thanks for sending, **Carl English-Young**

**Note:** I welcome new Words opponents. – **Suellen** (username: Bigschatz)

Hello. My name is **Laurie Weigum**. My husband, Ken, retired from the Seattle office a couple of years ago. I just want to let you know that Ken died from a stroke November 1, 2015. He always enjoyed hearing about others he had worked with and shared stories with the family. We will miss hearing them!

I am really excited to read about former CH2M friends and coworkers, and news of the company in general. You are doing a great job with the newsletter. Regards, **Gladys Mercadal**

## CH2M News

### MENTORING PROGRAM NEEDS YOU

*Contributed by Ebony Mills/DEN*

CH2M is relaunching a mentoring program and we are eager to include our retirees. The mentoring program is a way to develop emerging talent and keep knowledgeable and experienced retirees engaged and energized.

Mentoring helps develop a pipeline of future leaders who understand the values and skills required to succeed at CH2M. Mentoring programs provide a broad range of personal and professional benefits, which ultimately lead to improved performance in the workplace. If you are interested in participating in the mentoring program, please reach out to [AlumniRelations@ch2m.com](mailto:AlumniRelations@ch2m.com).

### CH2M TO PROVIDE CIVIL DESIGN AND DESIGN MANAGEMENT SERVICES FOR DFW



The DFW airfield has seven runways and a network of taxiways

Dallas Fort Worth International Airport (DFW)—the world’s third busiest airport—has selected CH2M’s aviation experts for a 5-year civil design and design management services on-call contract.

One of DFW’s most critical assets—its airfield—consists of seven runways and a network of taxiways connecting aircraft and travelers to the world. To maintain efficiency and allow for future capacity, DFW is enhancing its airside and landside infrastructure.

Dallas Fort Worth International Airport has selected CH2M for a five-year civil design and design management services on-call contract.

CH2M is serving in the prime consultant role, with multidisciplinary team members Alliance Geotechnical Group, A P Engineering Consultant, Eudacorp, Hayden Consultants, Iconic Consulting Group, Mead & Hunt, Milhouse Engineering & Construction, The Rios Group and TransSolutions. The scope of work encompasses design and design management of airfield civil engineering projects for DFW’s Capital Improvement Program.

"We are thrilled to support DFW's infrastructure improvements and to bring our design and management expertise to this game-changing program," stated CH2M's Aviation Director, Bill Peduzzi. "We look forward to helping the airport continue its mission of delivering a seamless travel experience for DFW passengers."

By investing in its airside and landside facilities, DFW Airport is increasing its competitiveness and raising the bar for airports around the globe.

## STAFF BUILD A BETTER BUTARE THANKS TO CH2M FOUNDATION

*Compiled by Suellen Ehrmann with help from Tessa Anderson/DEN*



Before



After



Our daily audience

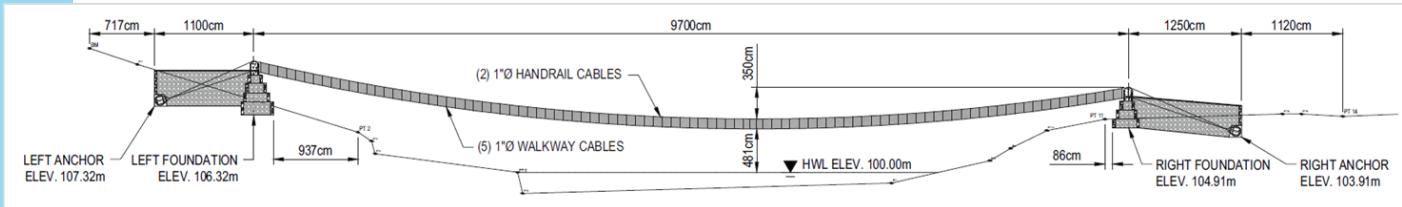
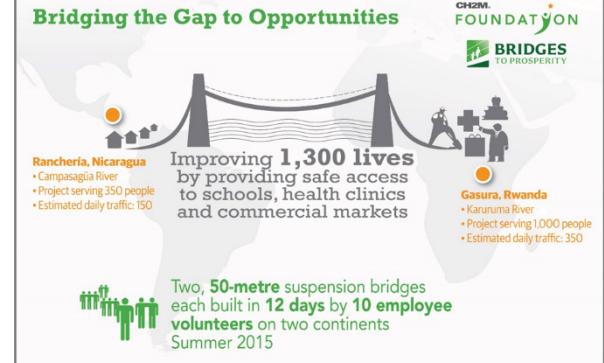
In mid-February, a community of 8,000 people in Butare, Rwanda gained safe access to school, markets, and healthcare when Bridges to Prosperity (B2P) and the CH2M Foundation joined forces. The team was selected in December. They prepared for 10 weeks with regular conference calls with B2P staff, and traveled February 3-17. Their mission was to build a 97-meter suspended bridge in 12 days—they did it in 10—and involve the community for ownership and technology transfer. The impact? Now 2,000 kids can get to school; communities are connected; 720 farmers and 80 small businesses can get to markets; and the community can access three health clinics.

The team was composed of 12 volunteers (primarily from transportation business group, plus two corporate vols), the foundation program officer, and a videographer. They lived in the community, renting two houses for 2 weeks. Construction finished in 10½ days.

In 2015, CH2M Foundation made a \$120,000 grant to Bridges to Prosperity to cover costs of two 2016 builds. In addition, the company covers all expenses for the traveling team members' expenses, which ranges from \$30,000-40,000 per team. In addition, CH2M employees donated nearly \$4,000 in gift cards for B2P to purchase tools needed for construction.

CH2M selected B2P as a community partner 3 years ago given that its alignment to our core business and our Foundation focus area, building sustainable communities, aligns with our brand promise of "helping lay the foundation for human progress by turning challenge into opportunity." B2P provides meaningful skills-based volunteer opportunities for employee engagement; CH2M Foundation has elected to fund/build one bridge in Rwanda and one in Nicaragua each year (dependent on funding availability).

Our fifth bridge team recently left for La Brisa, Nicaragua to construct a 56-meter suspension bridge that will impact 650 people. Alumni can follow the team [on the Foundation blog](#).



Click [here](#) to watch an upbeat, 3-minute highlight video of the Rwanda bridge project and [here](#) to watch an inspiring 20-minute video featuring young staffers, local children, and their real Rwandan connection.

## SECURING ANOTHER WIN IN MIAMI-DADE, FLORIDA



CH2M's winning team

The Miami-Dade team was successful in once again winning the Miami-Dade County Water & Sewer Department's (WASD) South District Wastewater Treatment Plant (SDWWTP) Renewal & Rehabilitation (R&R) contract. This 6-year, \$8.8-million contract makes CH2M responsible for implementing improvements that will keep the SDWWTP operational while the Ocean Outfall Legislation (OOL) Program, Consent Decree Program, and capital improvement projects are made throughout WASD's wastewater system.

The main challenge associated with the SDWWTP R&R contract is the ability of the plant to accommodate increased flows (up to 30 percent greater) when the County's wastewater system is "uncorked" by the OOL program. CH2M's role as both Miami-Dade County's OOL Owner's Agent and SDWWTP R&R consultant will facilitate this transition at the plant.

CH2M's exemplary R&R service at the SDWWTP since 2007 was key to this strategic win. Under project manager Juan F. Aceituno/MDC, 26 task authorizations, valued at more than \$90 million in construction, are completed or underway, and CH2M has received perfect 4.0 ratings from WASD on all the projects that have been evaluated. Said Juan, "This is a significant win for CH2M in terms of reaffirming our position as the lead wastewater consultant for Miami-Dade County and South Florida."

## FIRM TO LEAD COLORADO ROAD USAGE CHARGE PILOT RESEARCH STUDY



The Colorado Department of Transportation (CDOT) selected CH2M as prime consultant to lead Colorado's Road Usage Charge (RUC) Pilot Research Study. The comprehensive study will provide a platform for the state's legislators and transportation officials to make informed decisions as to the feasibility of this innovative infrastructure financing program, whereby drivers are charged for their equitable share of using the road network vs. being charged by fuel consumption.

The company supported all aspects of the Oregon Department of Transportation's RUC Pilot Program as well as the deployment planning for the statewide program, OReGO.

Said CH2M Project Manager Mike Warren, "As a citizen of Colorado, I look forward to working with our study partners to investigate innovative transportation funding solutions that support CDOT's mission of providing the best multi-modal transportation system for the state."

This RUC contract award follows CH2M's selection by the California Department of Transportation to conduct a comprehensive independent evaluation of the California Road Charge Pilot Program—a 5,000-person volunteer program for assessing the feasibility of RUC in America's most populous state.

## ABU DHABI'S STRATEGIC TUNNEL ENHANCEMENT PROGRAMME WINS 2016 GLOBAL WATER AWARD



The Abu Dhabi Sewerage Services Company's (ADSSC) Strategic Tunnel Enhancement Programme (STEP) received the Wastewater Project of the Year award during the Global Water Awards ceremony.

As ADSSC's program manager, CH2M helped oversee the delivery of STEP, a massive tunnel project which included a 41-kilometer sewer tunnel, 45-kilometers of smaller diameter new link sewers up to 3 meters in diameter, as well as two new regional odour control facilities.

The deep gravity system channels sewage from Abu Dhabi Island through massive tunnels to reduce odor and the likelihood of overflow of the existing overloaded system. The infrastructure has tripled the capacity of Abu Dhabi's sewerage network. Excavated using trenchless technology, construction of the deep tunnel sewer posed

minimal disruption to the city and the eco-friendly tunnel was designed for a maintenance-free 80-year lifecycle, improving reliability and reducing operating costs, as well as dramatically reducing the carbon footprint of Abu Dhabi's sewerage system.

The terminal pumping station, the largest of its kind in the world, increases Abu Dhabi's ability to handle immense volumes of wastewater and enables ADSSC to decommission 35 existing pump stations, freeing up valuable land for development and saving significant operating and maintenance costs over time. CH2M was the designer of the terminal pump station, working for the design & build contractor.

The massive tunnel project will assist the achievement of Plan Abu Dhabi 2030, a major urban development project, and has set a new benchmark for the region.

Presented on April 19, in Abu Dhabi, by Felipe Calderón, President of Mexico (2006-2012), Chairman of the Global Commission on the Economy and Climate, the 2016 Global Water Awards were awarded in conjunction with the Global Water Intelligence's annual Global Water Summit and celebrated the outstanding achievements of ADSSC and others among the international water industry.



#### THAMES WATER LEE TUNNEL PICKS UP GREATEST CONTRIBUTION TO LONDON AWARD

Thames Water's Lee Tunnel was recognized as the Greatest Contribution to London, receiving the industry's highest award for raising the bar for innovation, health and safety, community benefit, construction and design, during the Institution of Civil Engineers (ICE) London Civil Engineering Awards.

The Lee Tunnel Project and Lee Tunnel Flow Transfer System are the first phase of the biggest upgrade to the sewerage system of London since Victorian times. In the next few years, the program will include the upgrade of Thames Tideway and the consequent environmental clean-up. Learn more about this landmark project from a 2½-minute video on the ICE website.

#### CH2M COMMENDED FOR TEAMWORK ON RED BLUFF DIVERSION DAM



*On the Sacramento River with Blake Jeffcoat/MGM, Jeff Sutton/TCCA, Pete Rude/RDD, Wayne Ohlin/RDD, and Aaron Hall/TCCA. Fish can now travel by the dam without obstructions or fish ladders in their way.*

CH2M received client kudos from the Tehama Colusa Canal Authority (TCCA), a California client we've been serving for nearly two decades, for our work on the award-winning Red Bluff Diversion Dam (RBDD) Fish Passage Improvement Project, which we designed and provided project management.

Recently, CH2Mers Tom Price/SAC, who served as corrosion engineer, Blake Jeffcoat/MGM, who participated on the risk assessment team during construction, Pete Rude/RDD, who served as project manager and Wayne Ohlin/RDD, one of the resident engineers onsite during construction, visited the site for a tour with TCCA General Manager Jeff Sutton, who thanked the team for their ongoing support and work on the project since 2000.

"Without the talent, creativity, professionalism, resourcefulness, unquestionable commitment and leadership on the part of CH2M, this project could not have been successfully implemented within the required timeline," said Sutton.

The Fish Passage Improvement Project (FPIP) is a true victory for environmental and agricultural interests, as it resolves longstanding fishery impacts caused by the RBDD, while ensuring continued water deliveries to the west side of the Sacramento Valley.

Spanning the upper Sacramento River just south of Red Bluff, the RBDD featured a series of 11 large gates that, when lowered (gates-in), formed Lake Red Bluff, historically providing for gravity diversion of irrigation water from the Sacramento River into the Tehama-Colusa and Corning Canals. Although the RBDD was designed, and initially operated, to provide year-round water diversions, the annual gates-in period was reduced over the years and eventually terminated to improve fish passage for several threatened and endangered fish species. The FPIP was a \$180-million program that involved

the design and construction of a 2,500-cfs fish screen, pumping plant, conveyance facilities, electrical switchyard, reclamation of an old industrial land fill, and a bridge over Red Bank Creek.

TCCA operates and maintains the delivery system, providing water to 150,000 acres of irrigated agriculture through its 17 member water districts in a 4-county area, providing an a benefit of more than \$1 billion to the region annually. Panama Canal Transforms Global Trade with Third Set of Locks

### PANAMA CANAL TRANSFORMS GLOBAL TRADE WITH THIRD SET OF LOCKS



View of the Atlantic locks



Cosco Shipping Panama enters Atlantic locks bearing 9,472 containers



Chairman and CEO Jacque Hinman and Canal Administrator Jorge L. Quijano with CH2M Team

The grand opening of the Panama Canal's third set of locks marked the official completion of the \$5.25-billion expansion program. Held on June 26, the historical event was marked by the Neopanamax ship Cosco Shipping Panama (operated by the Chinese shipping company Cosco) making its way through the new locks. This ship's voyage and the anticipation of its journey through the locks was followed world-wide for days in advance of the ship's arrival. But the effort to achieve this has been in the making for almost a decade...and we were there from the start.

Working as an integrated team with the Panama Canal Authority (ACP) over the entire 9-year expansion period, CH2M provided program management advisory services for design and construction of the new Atlantic and Pacific locks; the Pacific access channel dry excavation and dam construction; and multiple dredging contracts to widen and deepen the shipping channel.

To celebrate this trade-advancing achievement, Panamanian President Juan Carlos Varela and Canal Administrator Jorge L. Quijano welcomed dignitaries and guests from around the world, including our very own Chairman and CEO, Jacque Hinman.

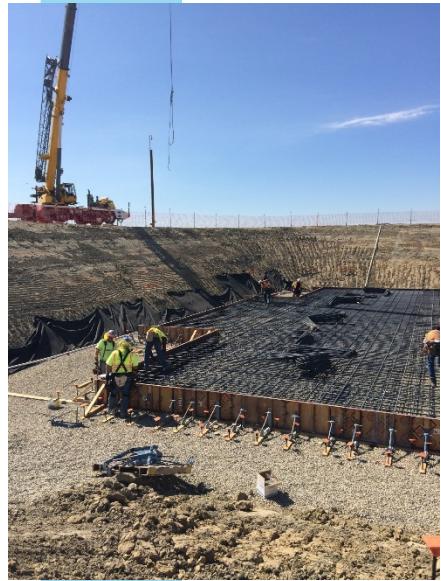
"CH2M has been a trusted partner since the Panama Canal Expansion Program began," said Quijano. "Their proven experience in the international program management arena has added tremendous value to our integrated team. Providing professional support at all levels of their organization, CH2M worked with the Canal Authority to assist in achieving successful completion."

Jacque congratulated the Republic of Panama, the ACP and our CH2M team for achieving this game-changing milestone and the successful administration of one of the largest and most ambitious construction projects in the world.

At its peak, CH2M reached a maximum staffing level of 40 supporting the ACP in program management, construction management, project controls, document controls, correspondence, contract development, contingency planning and oversight support. With the successful implementation of the knowledge transfer strategy, that number stands at eight full-time staff today, whose primary focus is on claims support and management consultation.

CH2M is honored to have many large and significant achievements to proudly display throughout its 70-year history. This is yet another marquee project to ink in our record books; a shining example of our collective purpose to lay the foundation for human progress.

### FIRM SELECTED FOR MAJOR DESIGN-BUILD Water Projects



The City of Houston, Texas, and the City of San Jose, California, each selected CH2M as its design-build partner for a major water project—the \$1.2 billion Northeast Water Purification Plant Expansion (NEWPP) project and the \$85 million Cogeneration Facility Project, respectively.

Building upon lessons learned from major design-build projects, the NEWPP project, which is the largest Progressive Design-Build project of its kind in the nation, will be delivered over the next 9 years by the Houston Waterworks Team, a joint venture between CH2M and CDM Smith. The Houston Waterworks Team is responsible for designing and constructing a new water facility, as well as start-up, commissioning and operating activities. By offering integrated design, construction and operating capabilities, the team will help the City of Houston save nearly \$9 million in operations and maintenance costs related to power, chemicals and residuals disposal. The project includes expanding the City of Houston's existing NEWPP from 80 mgd to 320 mgd through two construction phases, while ensuring high water quality and production rates to meet regional surface water conversion mandates.

Additionally, CH2M is serving as Design-Builder for the new Cogeneration Facility at the San José Santa Clara Regional Wastewater Facility. The Cogeneration Facility will provide reliable on-site power and heat, replacing aging cogeneration equipment at the Wastewater Facility that has been subject to breakdowns of increasing frequency and severity. This project is also being delivered using a Progressive Design-Build approach and consists of advanced generation internal combustion engines selected based on their low capital cost, high electrical efficiency and availability of high-grade heat for the anaerobic digestion tanks. New engines will be incorporated to meet projected power demands, allowing for the largest advanced wastewater facility in the western United States to clean wastewater for the San Francisco South Bay uninterrupted; thereby continuing to protect public health, the environment and support Silicon Valley businesses. The engines will maximize the use of available digester gas, blended with natural gas, to generate and meet on-site power requirements with future potential of using additional available landfill gas. The Cogeneration Facility project scope includes a new digester gas treatment system, control system and monitoring system with connectivity to the Wastewater Facility's Distributed Control System, electrical switchgear, various additional appurtenances in support of the engines and building, a new digester gas pipeline and natural gas pipeline, new heat recovery systems, and civil work including parking areas and utilities.

### EXCEPTIONAL PERFORMANCE AND STRONG RELATIONSHIPS LEAD TO NEW CONTRACT WITH HONDA



Top-notch performance by the Torrance, California, team helped CH2M expand the relationship with Honda

In early April, the OM Services Facilities Management team signed a 3-year contract with Honda Research & Development Americas (HRA) in Raymond, Ohio. The new work resulted from a strong and growing relationship with American Honda Motors (AHM) in Torrance, California.

In a national meeting, our AHM client partner in Torrance recommended CH2M, and specifically Regional Director Nghia Vo and his team, for facilities management of other Honda facilities. In February, Nghia and Sales Director Ron Simkulet gave a presentation explaining the services CH2M provides AHM in Torrance, as well as a full list of OM Services capabilities. HRA selected the team for a sole-source contract.

The growing suite of services to Honda is exceptionally exciting news for OM Services, as the sales team identified

Honda as a "marquis" client, and hopes to continue to build our relationship.

"Honda has a strong presence in Marysville, Ohio, located next door to Raymond," said Ron. "That's where their largest manufacturing plant in North America is located and this could be a stepping stone for continued growth in Ohio and with Honda."

CH2M provides facilities management services for Honda's 4.6-million-square-feet Alabama operation that produces 350,000 vehicles per year including the Odyssey, Pilot, Ridgeline and Acura MDX. We also provide facilities management services for Honda's 450,000-square-feet Georgia operation that produces 350,000 transmissions per year for the Alabama plant, in addition to more than 20 locations across the U.S.

### CH2M RECEIVES PRESTIGIOUS WILLIS CHIPMAN AWARD FOR METROLINX UNION PEARSON EXPRESS



*Photo courtesy of Rick Radell*

On April 16, Consulting Engineers of Ontario (CEO) hosted the 2016 Ontario Consulting Engineering Awards Gala at the International Centre in Toronto, where CH2M was one of three companies honored with the premier Willis Chipman Award. The company was recognized for its Program Management role on Metrolinx's Union Pearson Express (UP Express).

Commenting on the award winners, Barry Steinberg, chief executive officer of the association, stated, "While each project is the epitome of outstanding engineering endeavours,

together they represent a multimodal transportation hub that moves people across the Greater Toronto Area and beyond. The projects of AECOM, CH2M Hill and HMM have collectively contributed to transforming Union Station into the state-of-art transportation gateway for Ontarians."

A long-awaited rail project, UP Express was designed to better connect Canada's busiest airport to its largest city, Toronto. With traffic congestion steadily worsening on highways leading to the airport and passenger projections for Union Station expected to annually grow from 65 million to 130 million by 2031 (and from 36 million to approximately 60 million for Toronto Pearson), there was a clear need for an airport rail link.

Taking up the construction challenge in 2011, Metrolinx selected CH2M to help bring the UP Express vision to life. Demonstrating on-budget and on-schedule performance for the fast-track, \$465-million air-rail link, CH2M worked seamlessly with Metrolinx to coordinate seven diverse work streams and the delivery of 63 major projects. The team also assisted with the creation and operation of a complex start-up organization, and established vital front-end project deliverables to guide the design, construction, commissioning and launch of UP Express—all in time to welcome more than 260,000 visitors to Toronto for the Pan Am/Parapan Am Games in July 2015.

Now operational for almost a year, UP Express has joined ranks with Stockholm's Arlanda Express, London's Heathrow Express, Oslo's Flytoget Express and Tokyo's Narita Express as a leading express air-rail services, enhancing Toronto's recognition as a global financial and tourist center and a technology innovator.

Celebrating alongside Metrolinx, CH2M accepted the highly coveted prize, which honors outstanding professional leadership and engineering innovation to improve the economic, social and environmental quality of life in Ontario and around the globe. The company is pleased to share this significant award with Hatch Mott MacDonald, for their role on the Northwest PATH Pedestrian Tunnel, and AECOM, for their Union Station Revitalization project.

## FIRM GETS EXCELLENT RATING FOR HANFORD WORK



CH2M HILL Plateau Remediation Co. treated 2.1 billion gallons of contaminated groundwater at Hanford in fiscal 2015

The Department of Energy announced that it has rated the work of CH2M HILL Plateau Remediation Co. at Hanford as “excellent” for fiscal 2015. The contractor, which is responsible for groundwater and central Hanford cleanup other than waste storage tanks, earned 95 percent of the incentive pay available for the year. It is eligible to receive \$10.6 million of a possible \$10.9 million available, according to a summary released by DOE.

The pay was based both on performing specific work and on a subjective evaluation. It earned about 90 percent of the pay available for the subjective analysis, or all but about \$300,000. The contractor removed a record amount of contaminants from groundwater, finished construction of a building to be used to move radioactive sludge away from the Columbia River and removed significant hazards from the Plutonium Finishing Plant in fiscal 2015, said John Ciucci, CH2M HILL president.

DOE said in its summary that CH2M HILL was “very responsive” to the agency’s needs.

The company completed work to meet 13 milestones, including drilling wells for groundwater treatment, certifying transuranic waste for shipment to a national repository and removing the last of the pencil tanks from the Plutonium Finishing Plant.

The plant’s Plutonium Reclamation Facility had highly contaminated pencil-shaped tanks up to 22 feet long hanging vertically on steel racks. They had to be removed with an aging crane that had been put in service when the facility was used during the Cold War to recover plutonium from scrap material.

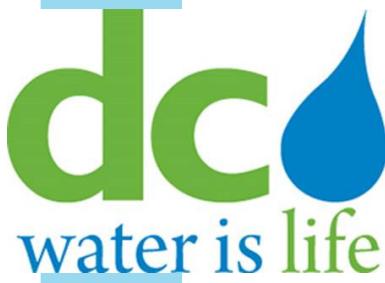
DOE praised CH2M HILL for accomplishing a number of DOE’s key performance goals for cleanup. It treated 2.1 billion gallons of contaminated groundwater at Hanford, injecting clean water back in the ground, CH2M HILL said. It also removed the two high-hazard glove boxes that had been left for last at the Plutonium Finishing Plant, CH2M HILL said. Workers would use gloves attached to portals to reach into the boxes to process plutonium in a liquid solution, turning it into metal pucks for the nation’s nuclear weapons program.

The two boxes stood 12 feet high and had high levels of plutonium contamination. Workers had to contend with significant levels of radiation. CH2M HILL accomplished work on all its projects while maintaining injury rates that were much lower than the goals for DOE environmental cleanup sites, the summary said.

The contractor also excelled in small business subcontracting. It has awarded more than \$2 billion on contracts to small businesses since 2008, the summary said.

Despite progress at the Plutonium Finishing Plant, the work there also was listed under deficiencies on the scorecard.

Work has slipped behind schedule to prepare the plant for demolition by September. The final evaluation of pay that CH2M HILL can earn for its work at the plant will be figured when demolition is completed, the summary said. In fiscal 2014 CH2M HILL earned a slightly higher percentage of the pay possible, 98 percent, but less money was available and it earned \$9.7 million.



*DC Water provides drinking water, sewage collection, and sewage treatment*

## MANAGEMENT CONSULTING HELPS WBG WOW CLIENT WITH EXCEPTIONAL TEAM CHEMISTRY

The Water Business Group recently won the opportunity to develop and implement a significant capital improvement program with the District of Columbia Water and Sewer Authority (DC Water). The team will deliver what DC Water envisions as a very important and large program—a \$3.7-billion capital investment over a 10-year planning period, with about \$1.4 billion occurring in the water and sewer systems.

As with many procurements, the pursuit team went through a week of preparation and technical review prior to meeting and interviewing with the DC Water client. As part of this preparation, the pursuit team asked Dan Speicher, one of our Management Consultants, to help them “coalesce” prior to their interview with the client. Dan embedded personality profiling, team alignment, and team development into the presentation preparation.

After announcing the win, the client referenced our team’s behavior during the presentation and the fact that we acted like a team and genuinely like each other. It was evident that the time spent in getting the team oriented and prepared leading up to the client presentation yielded tremendous value. The DC Water client commented that our team chemistry was one of their deciding factors in selecting our team.

## FIRM MAKES LIST OF WORLD'S MOST ETHICAL COMPANIES FOR EIGHTH YEAR IN A ROW

### For 8 years running,

CH2M named among Ethisphere's "World's Most Ethical Companies"



8

ch2m

*Ethisphere Institute, which has spent a decade helping define and advance ethical business practice standards, kept CH2M on its list for eighth year*

Ethisphere's World's Most Ethical Companies program honors companies that excel in three areas: 1) Promoting ethical business standards and practices internally; 2) Enabling managers and employees to make good choices; and 3) Shaping future standards today by pioneering innovative best practices.

The award emphasizes CH2M's commitment not only to leading ethical business practices that benefit clients and employees, but also to offering sustainable and socially responsible solutions that impact our lives and our planet in a positive way.

In the past year, CH2M achieved the following in service to clients and communities around the world:

- Eliminated nearly 90 tons of paper from our offices.
- Re-directed 4,200+ tons of wastewater biosolids for beneficial reuse.
- Performed audits for Department of Defense clients at more than 2,300 buildings and identified cost-effective energy projects with potential annual savings exceeding \$23 million, nearly 1 million MBTUs of energy, and 330 million gallons of water each year.
- Joined the Value of Water Coalition's efforts to protect major city watersheds.
- Raised nearly \$2 million for Water for People to provide clean water to communities in need.
- Partnered with The Nature Conservancy and World Business Council for Sustainable Development to deliver The Natural Infrastructure for Business Guide and 200+ projects strengthening the environmental and economic viability of coastal communities.
- Delivered water conservation, treatment, reuse and enrichment in several countries, earning CH2M water's highest honor – the 2015 Stockholm Industry Water Award.
- Recognized with a Climate Leadership Award by the White House and EPA for working toward a goal of 25% reduction in carbon footprint.

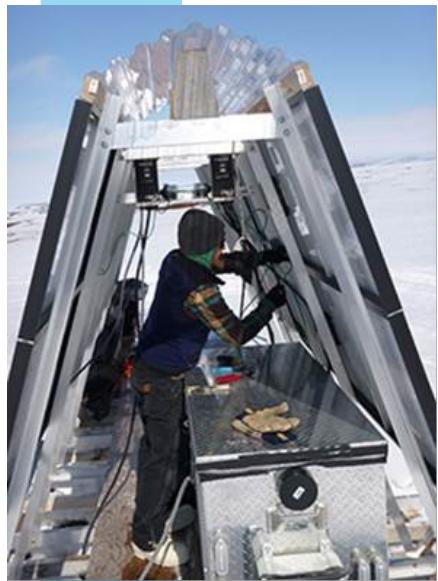
In the areas of engagement, diversity, and inclusion, CH2M:

- Contributed \$1 million+ via the CH2M Foundation for STEM education and community development.
- Strengthened leadership diversity with women and people of color comprising 31% and 14% of CH2M management respectively, vs industry averages 16% and 9%).
- Hosted a leadership summit to provide development opportunities for minorities.
- Engaged 25,000+ employees, suppliers and partners to make our workplaces and communities safer, cleaner and more inclusive.

- Supported Bridges to Prosperity to construct two bridges in Rwanda (see story below) and one in Nicaragua for safe passage across dangerous rivers.

In light of these accomplishments, CH2M has been selected to receive the 2016 World Environmental Center Gold Medal Award, among the highest commendations of leadership in sustainable business and citizenship.

### POLAR SERVICES CONTINUES TO IMPRESS NATIONAL SCIENCE FOUNDATION



*CPS electrician breaks down the Solar Chalet at the Toolik Field Station in Alaska*

Every year the CH2M Polar Services (CPS) team meets with researchers working at research stations and other field locations in Alaska, Greenland, Canada, and more to discuss plans for the year, identify how to approach the work, determine critical success factors, and evaluate the previous year. CPS supports nearly 175 projects per year by providing logistic support.

After each summer field season is complete, the team asks researchers and scientists to evaluate their performance in the form of an outbrief report for each project. Since the start of the first contract with the National Science Foundation in 1999, CPS has performed above the bar. In fact, according to the 2015 outbriefs released in March, CPS earned an average of 4.86 on a 5-point scale from the scientists. When you consider the number of scientists evaluating the team, this is an incredible score!

In addition to the outbrief score, CPS will soon receive the Contractor Performance Assessment Report rating from the government. If the team meets all of the National Science Foundation's needs and requirements of the contract, the team would earn a "satisfactory" in the report. Any additional work or service would earn higher marks, considered "very good" or "exceptional." In the past 2 years, CPS has received either "very good" or "exceptional" in every category.

These ratings are incredibly important for award terms (or contract period extensions).

The CPS team has one more award term for years 7 and 8 on the contract, and it will largely be determined on last year's performance. If the team wins the award term, the contract will continue through May 2020.

CPS serves the U.S. National Science Foundation's Arctic research program. Since 1999, the team has supported more than 1,000 scientists at field sites on land and sea all over the Arctic.

### INTERNATIONAL PIPELINE: SEEING OUR FLOOD MANAGEMENT LEADERSHIP AT PLAY IN THE UK

*By Peter Nicol/TOR, WBG President*



Earlier this year, I visited our clients and staff in Europe, which included visits to our United Kingdom offices in London, Exeter and Warrington, as well as two of our current offices in Krakow, Poland, to see our flood management capabilities being implemented (in UK) and developed in Poland.

At the Exeter office, Bryan Harvey/LON, Global Operations Director (International) and I met with staff, and we also had the opportunity to visit the UK Environment Agency's Exeter Flood Defence Scheme with Roland Grzybek/EXT (EA CAM, who just recently retired), James Scott/EXT (ECC Site Supervisor) and Jonny Legg/EXT. The scheme, which will run approximately 4 miles along the river, protecting 3,270 houses, involves a variety of defence types ranging from demountable barriers, to raising sidewalks and building up walls and embankments on both sides of the river. The project awarded to CH2M in 2013 progressed to construction of Phase 2 this May. The project was designed by our teams in the United Kingdom and Krakow and received much praise from the client.

We also visited Warrington, another community at risk from tidal and river flooding. Mike Lilley/UWA took us on a tour of the Warrington Flood Defence, which is being constructed by the Environment Agency to protect some 2,000 homes and businesses from flooding. The project involves constructing a series of walls and embankments along the River Mersey and its tributaries. While there, we also met with our Warrington office staff, as well as the CEO of United

Utilities Steve Mogford, to check in on our performance on the design-build work we are delivering as part of our Asset Management Programme (AMP) Framework, a program CH2M was awarded in 2014, along with our C2V+ joint venture partner Volker Stevin. The AMP contract is a design and construct framework for the capital period 2015-2020 and covers the full spectrum of works for both water and wastewater for United Utilities, across the North West of England.



New Krakow office under construction

Before heading home, we stopped in Poland to check in with our team on the current flood defence opportunities we are pursuing in Krakow and visited the new CH2M office under construction and scheduled to open in September. When construction is complete, we will consolidate all five of our Poland offices, bringing CH2M staff together in one central building.

We also got to meet with the JuMP (Junior and Mid-Level Professionals) team in Krakow, Poland. One of the great privileges of any visit to our teams around the world is the opportunity to engage with our JuMPers. The team in Krakow was no exception, and we had a lively discussion focusing on our career highlights and how we view technology from around the world, drawing particularly on recent experiences of technology innovation in Singapore and financial innovation in London. JuMPers in Krakow have plans for an innovation conference this year—drawing world class experiences into the new and vibrant Krakow team.

It was interesting to learn all about the various flood defence projects in the UK and understand how so many of our projects and clients in the UK are

being supported with designs generated by our Global Design Center team located in Krakow. From the clients we met, they are delighted by the innovation and quality of our service.

### FIRM TAKES GOLD IN SUSTAINABILITY



CH2M Chairman and CEO Jacque Hinman speaks at the 32nd Annual Gold Medal Gala

CH2M earned the 2016 Gold Medal Award for International Corporate Achievement in Sustainable Development from the World Environment Center (WEC). Chairman and Chief Executive Officer Jacqueline Hinman accepted the award on May 19, at the 32nd Annual WEC Gold Medal Gala in Washington, D.C.

CH2M, one of the world's premier consultancies engaged in infrastructure and natural resource engineering and management, is being recognized for its deep commitment to sustainability and social responsibility throughout the company, including partnering with public- and private-sector clients in government and industry, as well as leading environmental non-profit organizations. CH2M leads international water initiatives, sustainable infrastructure, and efforts valuing ecosystems to advance global sustainability.

"CH2M employs a forward-looking approach to corporate sustainability," said Francisco Suárez Hernández, WEC Board Chairman and Corporate Affairs Officer at Coca-Cola FEMSA, "that includes an emphasis on STEM

education, natural capital, and green infrastructure as part of its core business."

Recent recipients of the WEC Gold Medal Award are SC Johnson (2015), Unilever (2013), IBM (2012), Nestlé (2011), Wal-Mart Stores (2010), The Coca-Cola Company (2009), and Marks & Spencer (2008).

Stated Jacqueline Hinman, Chairman and CEO of CH2M, "We are honored to receive such an outstanding distinction, especially knowing that so many of our pioneering, visionary clients have received the Gold Medal Award before us. We built our company around innovation, creativity, and collaboration, and it's a privilege to do work that advances the well-being of our clients and communities."

Jacque was the featured speaker in the following day's Gold Medal Colloquium at the National Press Club; this year's focus was "Sustainability as a Platform for Business Transformation: Customer Expectations, Market Drivers and Public Policy."