

Retiree/Alumni eNewsletter

January 2009

Some Editorial Notes

BY GORDON KOBLITZ

It's been an eventful six months since the July Newsletter with significant news and events: some good, some sad, some hopeful and many exciting – the full range of emotions. Our biggest loss was the passing of Jim Howland on August 28, 2008. Word did spread quickly, but for those who did not hear, please refer to the short write-up and visit Jim's memorial site at <http://www.jimhowland.net/>. A recent message from Ralph Peterson is included – please keep him in your thoughts and prayers... Several high-level retirements and corporate changes are highlighted in this issue too... Lee McIntire's blog information helps put things in a positive perspective for the firm, staff and retirees alike... Also highlighted are exciting new programs and projects the firm is doing – times are a changing!

A number of retirees are working hard on projects that are described in more detail: the 2009 Retreat in Sun Valley in September, continuing Alumni History web site development, a task force working with CH leadership on "retiree connectivity" and "re-recruitment opportunities" and the continuing Newsletter and monthly eUpdates production: volunteers always welcome! Two quick requests for your help. The firm has been very supportive of our aforementioned activities including the Newsletter and annual Retreat. We have a modest budget (same as last year) and would GREATLY appreciate those of you with email access (or a recent change of email address) to let us know so we can send the Newsletter electronically (in color, extra pages, monthly eUpdates and special/urgent announcements as needed) thus saving labor and postage. Please let Vicki or me know as soon as possible (vstarr@ch2m.com; gkoblitz1@outlook.com). We also appreciate your comments/suggestions/thank yous and volunteers for articles and/or updates. Check with GeneSuhr@comcast.com for Alumni History activities and visit the site:

<http://www.alumni.ch2m.com/History/default.html>. Thanks to our newsletter team, Suellen Ehrmann, editor and Vicki Starr, DP, without whom this package wouldn't happen. Enough for now – enjoy your Newsletter and best wishes for a very Happy New Year!

Gordon

DEAR FELLOW EMPLOYEES AND FRIENDS,

Last Thursday I informed you of the recurrence of my stomach cancer and that I was in the hospital preparing for surgery on Tuesday, January 13. The surgery has been completed and I am back in my hospital room and on my feet today, beginning the strength-building walks so essential to the healing process. My spirits are fine and I am committed to tackling the recovery regimen with enthusiasm.

During surgery, an unanticipated migration of the stomach cancer to adjacent organs was observed. My medical team is absolutely superb and I have the highest confidence that we will shape and implement the best possible treatment plan for the future.

As you know so well, taking on big challenges with high aspirations is what fires my passion. In the same vein, it is your good thoughts and prayers that strengthen my resolve for recovery. Betty, my dear family, and I are all deeply grateful for the love and support you have expressed in so many ways. Your caring could not be more valued or cherished.

I will keep you advised as we progress, I love you more than I have words to express. *Ralph Peterson*

If you are interested in sending Ralph a card, you can send it in care of Linda Risen/CVO or the DEN mailroom and they will be forwarded to Ralph. Since we don't know how long he will be in the hospital, this will insure that he receives all the cards sent to him.

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Saying Goodbye to Jim

(from www.jimhowland.net, a blog where admirers left condolences)

CH2M HILL co-founder James C. Howland, known for his consensus style of management and dedication to employees and community, died August 28, 2008, in Corvallis, Oregon. He was 92. Mr. Howland served as CH2M's general manager almost since its inception in 1946 until becoming president 20 years later after the firm incorporated—a position he held through 1974.

"Jim wanted to be an engineer, but he knew we had to have a manager, so he managed," said fellow CH2M co-founder Burke Hayes, who passed away in December 2007. "There are many contributions that everyone made, but the most important one Jim made was the one of management"

The Oregon native helped calibrate the firm's moral compass and has been described as the soul of CH2M HILL. He managed by

consensus and recognized that sharing the wealth was good for employees, clients, and the firm.

Mr. Howland was chairman of the board from 1974 to 1977. A year later, he published a pocket-sized booklet called Management Quotations from Chairman Jim, which later was renamed the Little Yellow Book because of its cover. It is CH2M HILL's cultural anchor and has been in print continuously for nearly 30 years.

The book has been given to thousands of employees, and it is immortalized along the banks of the Willamette River in Corvallis, where quotations are on plaques at Howland Plaza. The plaza was built in 2003 and honors Jim and his wife Ruth "Meisy" Howland, who both volunteered tirelessly for their community.

Retreat Plans in Full Gear

2009 CH2M HILL RETIREES/ALUMNI RETREAT

We are excited to announce more details for the CH2M HILL Retiree/Alumni Retreat, which will be held at the Sun Valley Resort September 14-17. Located in the heart of Idaho, Sun Valley Resort is a mountain getaway steeped in early exploration and mining history.

This year's retreat will provide a unique opportunity to gather with friends and former colleagues to reunite and swap stories. It will also allow for some much-needed time to relax and enjoy the surroundings.

Early fall is a great time to take in the scenery at Sun Valley. With several events planned for the retreat, the September colors will be in their prime. You will have the opportunity to sign up for a trip to Red Fish Lake, tour the Sawtooth and Challis National Forests on a guided mountain drive, tee off on the new White Clouds Golf Course, hike or bike to the top of Bald Mountain or enjoy an afternoon horseback ride.

In addition to the Sun Valley area, Yellowstone National Park and the Grand Teton Range are not far away. A mid-September tour of these parks can be spectacular. We encourage you to research these areas and all they offer. David Bennion dkbennion@hotmail.com and Mike Anglea dunedoo@bendbroadband.com also volunteered to offer great suggestions for area travel too.

On June 29, we will email a link to a Web site where you can register, and information will also be included in the July Newsletter. Through the Web site, you can reserve a sleeping room at Sun Valley Resort, sign up for activities, register for meals, and download transportation information. It is important that you book your room through this Web site or by phone as we have arranged for a special CH2M HILL rate of \$149/night. Please use only our Web site or phone number after June 29, since we get credit for food and room allowances to meet our guarantees.



Sun Valley Lodge



Golf course at Sun Valley

Program activities will include a reception and dinner Monday evening honoring Earl Reynolds and highlights of the Boise office history. Daytime activities will include choices of bus tour to Redfish Lake/Lodge luncheon/Fish Hatchery tour/Stanley Lake, all with plenty of visiting time, golf, hiking, shopping, historical tours, chat room or patio for visiting with friends and colleagues, a second dinner with a presentation by a corporate leadership guest entitled, "What's the latest happenings at CH2M HILL?" and a Thursday morning farewell breakfast with discussion on retiree "connectivity" with the firm and suggestions for the 2011 retreat. Save the dates! We look forward to seeing you in September!

Ralph Peterson Announces McIntire, Card, and Tuor Appointments



Ralph Peterson



Lee McIntire

It is with great excitement and personal pleasure that we announce the appointment of Lee McIntire as CH2M HILL's new CEO, effective January 1, 2009. Lee has served with great distinction in his role as CH2M HILL's President and COO for the past several years. Lee's long and distinguished record as an industry leader, which includes substantial international experience and work in a diverse array of business sectors, is a terrific match for the firm's leadership needs going forward. He has earned the confidence, respect and trust of the entire CH2M HILL enterprise, and has demonstrated the clear vision and leadership to take the firm forward in the next stage of our industry leadership journey.

Lee and I are also pleased to let you know that Nancy Tuor has agreed to take on the role of Program Manager for the strategically important Masdar New-City Program in the United Arab Emirates (UAE). The Masdar Program is a revolutionary concept in urban development for which the "zero carbon emissions/zero waste" objectives represent the most dramatic breakthrough in sustainable development anywhere on the planet. This will be a challenge which demands the very best of CH2M HILL's program management talent, and Nancy is our very best. She will be relocating to the UAE shortly, and will leave her current post as Federal Client Group Chief Executive.

We are equally excited to announce that Bob Card will succeed Nancy as the Federal Client Group Chief Executive. Bob's experience in the Federal Client Group market dates back to the early 1980s, when he helped lead the startup of the firm's first large-scale federal work in the EPA Superfund program, and more recently during his tenure as Program Manager on the landmark Rocky Flats closure project. Bob will also continue in his current role as Chairman of CH2M HILL International, to provide strategic support to Tom Searle and his team based on Bob's international experience and key leadership role on the London 2012 Olympic/Paralympic program (see related story below). Lee has also asked Bob to lead an energy strategic planning initiative aimed at unifying and leveraging our growing portfolio of energy-related

activities which are rapidly developing across many of our business groups. In recognition of Bob's distinctive leadership in these multiple activities, Lee concurrently appointed Bob as Executive Vice President of CH2M HILL Companies Ltd.

Don Evans Embarks On New Career Path

Don Evans has decided to pursue the next phase of his career growth by electing to leave CH2M HILL, effective January 2009. Don has had a remarkable career with the firm, beginning in 1973 and culminating with his role as Chief Marketing Officer and Board Vice Chairman.

In his 35-year tenure, Don turned development experiences such as process engineering, project management, and construction services into key executive roles such as Regional Manager, OMI President, Water Business Group President, and Civil Infrastructure Group President. As impressive as these assignments are, Don's contribution can be best characterized by the numerous industry-recognized marquee projects and programs under his stewardship. Examples include restoration of the Kuwait Sanitary System following the first Gulf War and the world's largest and most innovative wastewater treatment plant, Changi, in Singapore.

In 2000, while under Don's leadership, OMI was given the Malcolm Baldrige Quality Award, the highest level quality award given in the U.S. Don's contributions extend beyond our company. He has been a recognized thought leader in our industry and has served on numerous boards and professional organizations, including the Design Build Institute, where he was appointed Chairman in 2006. "I have had numerous wonderful experiences and relationships with the people of CH2M HILL," commented Don. "I want to thank everyone for the time they have shared with me."

Please join us in thanking Don for his dedication and service to CH2M HILL and the multitude of clients over the many years. Just visit his blog link at <http://www.ch2m.com/corporate/evans/> and add your thoughts and well wishes to the online guestbook. You may send personal greetings in care of: Cari "Cas" Strouse, CH2M HILL, 9193 S. Jamaica St., #400, Englewood, CO 80112

Lee McIntire's Blog Entry from London

Sunny and brisk in East London as we approached the Olympic-Paralympic site. I am with Denny Ferrera and Ted Vanwyk. Both of these fellows have been in construction on big jobs for decades and know what they are talking about. I was here just a few months ago and it was like a giant anthill then with infrastructure in, contaminated soil being washed and moved around and piles being driven. One had to visualize where the Stadium, AquaCenter, Velodrome, Broadcasting Center and other venues would go. Today the steel is "coming out of the ground" for the stadium and foundations are being poured on all the venues.

The activity of 3,600 craft and equipment is intense indeed. The craft arrive each morning by Underground (the Tube) from many parts of the city and surrounding towns. Over 20 percent of the craft are from local boroughs. The local craft underwent rigorous training to perform their duties and had their safety gear on which is part of the reason we are doing well in that area, but we will not let off the goal of zero injuries. Denny predicts 8,000 to 9,000 craft at the peak of construction in a year.

We are building this incredible infrastructure feat as green as we can. For example, we bring in about 20 rail cars of aggregate each day versus trucks as it creates less carbon, noise, and dust.

At the Olympics project I met with CH2M HILL employees, the JV Board, and the customer. The customer is pleased with our progress (25 percent complete), safety, and cost. This cross-business group team is performing exceptionally well, we should all be proud of their efforts

Since I was in mega job mode in the UK, I went to the West End of London to see how Jimmy Otta and his team are doing on the Thames Tideway job. I remember the day (last year) that Mike Domenica, Russ MacDonald and so many others won this job.

Jimmy explained how the 19th-century Victorians built the original system and what we are doing to expand it. Many kilometers of 7-meter-diameter tunnel to be bored and engineering to be completed to design a combined sewer and outfall system that will serve greater London for decades.

London is reeling from the financial crisis in significant ways with massive lay-offs in their financial and general construction areas but are continuing these large public jobs so that London can continue to be one of the world's great cities (also the projects create construction jobs, which are well needed).

The world is truly a connected place now. People in one part of the CH2M HILL family are affected by government or industry decisions in another part of the CH2M HILL world. Last week we had a large petroleum project in Canada delayed, which affected workload on our good people in Buenos Aires. We are watching our key customers closely. Last week the CEO of DuPont mentioned that he is watching Toyota (a big customer of DuPont products) very closely as that affects his work load and capital expenditures. Our work with DuPont is heavily driven by their capital expenditures. We can see now how a decision made in Toyota headquarters in Japan can affect a CH2M HILL designer or constructor quickly in this hyper-connected world.

Our company is well prepared for the short and long term. We have \$6 billion of backlog and we must continue to perform



better than our competitors and continue to sell our services to keep that backlog strong. Consulting is still the biggest part of our work. Stay close to those customers who value our innovative consulting.

The much bally-hooed infrastructure “stimulus” programs in the U.S., Europe, and Asia will be helpful in getting design and construction programs into the field to create jobs.

I try to not always talk about the big jobs (most of gross margin comes from the many smaller projects most of us work on), but standing on a sunny December day on a hill near Pudding Hill Lane (you have to love the name) and seeing our progress, to build a “Games” to thrill the world in 2012, you just have to be proud. Many of you will remember the day we won this job in 2006 and the challenges we have overcome—it is really going well now and looks beautiful to me.

The Presumption of Integrity

LEE'S HOLIDAY BLOG

We have been reading and hearing about the political and financial scandals that fuel the media and our curiosity. The Madoff rip-off of friends, neighbors and even charities coupled with the Illinois governor's transcripts of greed and dishonesty are the most notable. But, we have seen the “scandals of incompetence and self-interest” play out daily in the financial capitals and in the leaders of many parts of industry including the auto industry. What is going on? Where are the brave and honest?

As I drive to work, the radio drones these disappointing tales of lack of integrity. I walk across the snowy lot (with caution) and enter the CH2M HILL building with the holiday decorations and a smile from the receptionist, and as I get further into the building, I see folks hustling with their papers and coffees to help us build good projects. This is happening every day at CH2M HILL projects and offices around the globe. While walking to my office, I hear people on the phone to Krakow and India trying to help their colleagues. These are my teammates and they are honest and caring. To me, our offices feel like islands of integrity. I presume they are doing the right thing for the company. They assume the same of me--“a presumption of integrity”. I know there are many good companies out there doing well and good. But ours gives me comfort. We are not perfect, but our standards are high and we know who we are. We have built a real advantage here. That advantage is you, because you have integrity and you care.

We collectively have something of real value in today's world. It is the reputation that your company has for the highest integrity, ethics, quality, fairness, and generosity. This started with the founders awhile back but you sustain it now, in every interaction with clients and each other. It is as if you the employee walks into the customer carrying a briefcase full of integrity (built by great people at all levels for decades in CH2M HILL and all of the

companies we have acquired--making us over a hundred years old). They see it in how you talk, how you listen, how you negotiate, and how we deliver.

But if we peek into this briefcase, it is you, the people that we see. You get to carry a legacy – you work for a respected company. And you sustain the legacy. It builds on itself, in your actions everyday.

So, all day I had this warm feeling about who we are. The world may seem like its moral compass has gone askew, but I feel like our company is doing the right things with honesty and grace. That is a legacy worthy of pride.

The Year 2008 is One to Be Remembered

LEE'S BLOG – 01/13/09

- Our **Safety** improved, as it has each of the last three years. Our projects are world-class in safety
- We worked off approximately \$6 billion in client revenue on over 10,000 projects on six continents
- Our stock performed significantly better than our public E&C competitors
- Our acquisitions in the Energy & Chemical and Infrastructure Group are integrating nicely and producing real value. We are glad to have this new talent aboard.
- We won and completed some of the most challenging and complex **Consulting** jobs around the globe
- Our **brand** is one of prestige and growing rapidly in many parts of the world
- We improved on our lump sum **Design-Build and Operations** performance
- We continued to increase our investment in our people through Development and Training
- We reacted to the world-wide recession with belt-tightening and investment management, including reducing our overhead that will prove to be beneficial in 2009
- We greatly expanded our presence in the commodity-rich Middle East. Notable was our Program Management win in the Emirates for Nuclear Energy

We performed some of the most challenging work. I think the two projects below are fine examples:

The Space Shuttle landed safely in 2008 on our 4,000 meter-long temporary runway at **Edwards Air Force Base** in Southern California. The main runway of 5,000 meters was also completed in a design-build contract (Project Manager David Bird) with 400,000 hours without a lost time incident, with 44,000 truck loads of aggregate, finishing 3 months ahead of schedule and within budget. This was a successful lump-sum design-build for us on a famous piece of infrastructure with precise technical and schedule requirements. This was proud work.

In **Sri Lanka** and the Maldives 10,000 miles away, our CH2M HILL colleagues worked almost non-stop to complete our tsunami reconstruction efforts. Our team of long-term expatriates and 60 Sri Lankan team members have been on the ground over three years rebuilding desperately needed infrastructure – roads/bridges, fish harbors, water systems and schools. We have been able to open six vocational training centers for 2,000 young Sri Lankan adults. At the opening of one of the schools in the presence of Sri Lankan President Mahinda Rajapaksa and the United States of America's Ambassador, Robert Blake, the Ambassador said "CH2M HILL represents the best of America". Since we work around the world, I hope we represent some of the best of the world. Our work makes a difference again and again. Our reputation grows for hard work, innovation, integrity and customer focus in interesting places of the world.

I thought **2008** was an unprecedented year of elections, changes of government, volatile markets and commodity prices, financial and public scandals, wars, terrorism and a deep recession that has affected everyone.

Amidst all of that, CH2M HILL kept growing, doing good work and leveraging our competitive advantage (our people) and sticking to our sense of "what is right."

It was a mixed year financially in that we performed well, but still missed our plan due to some recessionary pressure and some under-performance on several projects. Our stock price, though generally flat to date, did greatly out-perform our competitors. We found new customers and are meeting their needs. We worked very hard in 2008 and I am proud of our progress.

For 2009

Let's continue our journey to **Target Zero** for the safety of ourselves and our co-workers, and for quality.

We will focus even more on our customers, as we want to stay with them during the recession, so as to be their preferred providers for our consulting, engineering-construction and operations services when we and they emerge from the slowdown.

We will continue to be frugal with our investments, specifically outside expenditures and overhead. It is good business anytime, but during an economic slowdown, it becomes vital.

We will more than ever be vigilant on the **risk side of our business**. Each year we have a handful of jobs that are not bid well and not managed well, and they hold us back from creating the financial value that we could produce. Avoiding these could increase our profitability and cash by a remarkable 30-50%. So, we will be cautious on contract terms and conditions, pricing, and will make sure that we use the best talent to deliver our projects. We in administrative offices need to remember that "projects are all we do". We should do everything we can to help those on projects

focus on the customer, be helpful, and realize that we serve the projects.

I feel good about the breadth of our portfolio, which should allow us to do fine this year and continue to create value for the shareholders. We just have to go see our customers, help them perform, be creative, watch our costs and win at least our fair share of good projects. Our plan for 2009 is to perform better than 2008. I think we can if we focus and help each other.

Note: I visited **Ralph Peterson** (for those new to CH2M HILL, our Chairman and long-time CEO) in the hospital yesterday morning. He is building his strength and getting ready for his operation today. He wants to win this latest battle with stomach cancer and be “up and running” as soon as practical. That’s the Ralph we know—one more challenge to beat. He asked about the business and I told him that we felt well positioned for 2009, and our people are ready. —*Be safe, Lee*

Mike Kennedy Named to Lead Large International Projects

After 5 years of strong Transportation Business Group (TBG) leadership, Mike Kennedy/DEN moved from his role as President of the TBG to focus on international mega-projects for transportation.

First Mike will focus on Golden Ears Bridge, Panama Canal, and UAE Transportation programs. He will lead and support the procurement, set up, delivery, and close out of these important programs, ensure consistent application of the CH2M HILL Program Management Framework, and help us leverage and expand our program management resources and tools. Mike stands ready to assume the program director role of any current or future program.

Mark Lasswell/DEN is acting as TBG President and conducting a thorough search of internal and external candidates to fill the top TBG slot.

Unlimited Goes Digital

As if you needed another reason to sign up for the eNewsletter version and monthly eUpdates, here’s another just off the press (Jan. 14th) from Lee Overcamp, Editor of the Unlimited. Lee gave approval for us to send the quarterly document to those on our email list. Please join in by contacting either Vicki or Gordon (vtarr@ch2m.com; gkoblitz@ch2m.com).

To reduce overhead and the carbon footprint of CH2M HILL’s global employee newsletter, *Unlimited*, will be produced in an electronic format, with the exception of copies printed locally for employees who do not have online access.

The transition from print to digital for 2009 has been in the works for some time; in part because of employee feedback. Given the firm's continuing focus on overhead efficiency and sustainability and environmental stewardship, this 2008 year-end issue is provided as a PDF.

Over the course of a year, CH2M HILL prints and distributes more than 100,000 copies of **Unlimited**, the firm's only global, enterprise-wide newsletter. According to data from the Environmental Defense Fund, by switching to an electronic format—in addition to no longer shipping worldwide—CH2M HILL will save:

- Wood: 8 tons (7,257 kilograms), the equivalent of about 57 trees
- Total energy: 209 million BTUs
- Greenhouse gases: the equivalent of 37,000 pounds (16,783 kilograms) of carbon dioxide
- Wastewater: 94,702 gallons (358,486 liters)
- Solid waste: 12,662 pounds (5,743 kilograms)

Bailey Earns AWWA Life Member Award

Water Group President Bob Bailey/ORL received the American Water Works Association's Life Membership Award for more than 30 years of dedication to AWWA and the water profession. Matt Alvarez/ORL (President, AWWA Florida Section) gave Bob the award at the Florida section's fall meeting.



Matt Alvarez and Bob Bailey

New Retirees/Alumni

| | |
|-----------------------|----------------------------|
| Bob Fuller 1/1/09 | Jeannie Millington 2/15/08 |
| Ken Iceman 3/1/08 | Larry Woodward 3/1/08 |
| Gary Guyll 7/15/08 | Jim Black 8/1/08 |
| Bob Chapman 8/1/08 | Hal Reitmeier 8/1/08 |
| Gary Beech 9/1/08 | Carl Uchwat 9/2/08 |
| Tim Hassett 10/1/08 | Peggy Van Hemert 10/1/08 |
| Marcy Merkel 12/31/08 | Vern Nelson 12/31/08 |

Note: If an employee has "retired" but not started their pension, we may not know about them. The employees listed above all retired under the pension plan.

Deceased Retirees

| | |
|--------------------------|-------------------------|
| John Meier 5/1/08 | Beverly Hoover 8/2/08 |
| Helen Kistner 7/12/08 | Jim Howland 8/28/08 |
| Mrs. Glen Martin 7/18/08 | Emily Crittenden 9/4/08 |

Where In The World Are They?

Gary Beech/DEN: I came back this summer from working in London for 2+ years on the 2012 Olympic Program and helping start up the Thames Water Program Two days after retirement Mark Lasswell called and I have been working nearly full time since on the Better Denver Program. I hope to transition out of that into something more manageable as a flex employee that will permit me to improve my golf score and to work on wearing out my new fly fishing equipment. We have stayed in Denver but our kids are on the East Coast. Our daughter married a guy who works for the firm in the Philadelphia office and our son writes for *Sports Illustrated*.

While helping mobilize the Thames Program I bumped into two of our Milwaukee old timers. John Ramage is working as the Delivery Manager there and John Filbert came over to lead a team on analyzing the program and making recommendations.

Jory Abrams: One of our most memorable trips after retirement was canoeing the Upper Missouri Breaks in North Central Montana with another couple whom we have known since high school. We traveled to Montana via Glacier Park and stayed at Many Glacier Hotel, which is nestled in a basin with lake and mountains all around.

We then arrived at our "put-in" location and spent the night in the Grand Union Hotel (1882) in Fort Benton, Montana. The floors, window sills and doors all had settled and sloped and made for interesting sights including the water in the toilet and strange walking sensations, but the bed was somehow level and very comfortable. Fort Benton is located at the head of navigation on the Missouri River and was the western-most trading stop for the Lewis and Clark party. Upstream from Fort Benton are the "great falls" that L & C had to navigate by portage.

Our trip followed the Missouri River east for 90 miles, half through farm land and half through Wild and Scenic River-designated lands with sites for camping along the way. It had been a long time since I slept in a tent in a sleeping bag and Gerry was sweet enough to blow up a queen air mattress each night. On a good day we made 30+ miles, a bad day was 19 miles, and when we had to reverse course and paddle up-stream it took us 4 hours to go 6 miles.

We made a return trip that same year to finish Glacier and Waterton Parks then west across Canada. Along the way we saw the 1903 Frank Rock Slide near Crowsnest Pass—an amazing rock slide and interpretive center. On to Nelson (a town full of old hippies), where we stayed in a Victorian B&B, saw the kokanee spawn (land-locked bright red salmon), visited hot springs with caves you could walk into and saw the hot water pouring from fissures in the rocks. We got to ride the world's longest free ferry, part of the Canadian Highway System. Our favorite stop was at a six-cabin resort called Destiny Bay on Lake Kootenay where we



View from Many Glacier Hotel



View from Many Glacier Hotel



On the Missouri River



Abrams canoe



Hank on his John Deere tractor



Hank and his Lady friend



Hank and his 57-inch dorado



Hank with a marlin

stayed in a little lakeside cabin with a sod roof and goats that mowed the roof grass. The owners provided two gourmet meals a day, and while looking through the guest book for our cabin, I came across a drawing by CH2M's own retiree Benno Philippson. Small world. We did more canoeing, took saunas and jumped into the lake to cool off, read books and relaxed. Pretty spectacular trips and a great way to start retirement.

Hank Padgham's Fish Stories (Hpadg@aol.com):

I have lived in a condo in Benicia in the [San Francisco] Bay Area since 2006. It is cool place and I just love it. I have a 1938 John Deere tractor in my condo garage and in the summer I take it to the Farmers' Market, which is right in front of my condo. My lady friend and I went to Alaska on a cruise for 10 days in August. The weather was good and we had a ball.

I went on two fishing trips to Cabo, one in June and the other in November. In June, I caught a 57-inch dorado and I'm going to have it mounted in my condo. It is being shipped through Gray Taxidermy in Pompano Beach, Florida. I went fishing in Cabo for three days in November and caught 60 fish! 24 tuna, which we brought home, 3 dorados and 33 marlins weighing from 100-200 pounds. We released the marlins as soon as we got them to the boat. It was the fishing trip of the lifetime!

Maalox Masks Real Problem...What a Holiday!

Steve Aasheim (steveaash@msn.com):

I checked into the Emergency Room at East Georgia Regional Hospital on Christmas Eve morning. Carol and I had travelled from Gainesville, Florida to Statesboro, Georgia to spend Christmas with our son and his wife. I had been experiencing moderate shortness of breath for about two weeks, but thought it was allergies. Overnight on the 23rd I awoke about 2 a.m. breathing hard and with some burning in my esophagus. I took a Maalox and decided to check into the local hospital's emergency room in the morning (right after I changed the battery in my daughter-in-law's car).

As soon as I said "shortness of breath" the hospital staff put me on a gurney, gave me aspirin, and wired me up for vital sign monitoring, EKGs, and more. I finally was discharged from the hospital four days later on Saturday, the 27th after blood work, nuclear stress testing and radiography, and an echocardiogram determined that indeed I had survived a heart attack. But not the night of December 23rd! It happened two weeks earlier on December 9th, when I barely felt a thing.

A week after I left Statesboro and returned home to Gainesville, I had a catheterization procedure, which completed the diagnosis efforts, used a balloon to widen one arterial branch and placed a stent in the right coronary artery. (This procedure was much easier for me than the stress test! I was home in 24 hours from checking in at the heart care center.) And I had the distinction of being the first cardiac surgery of the New Year here in Gainesville.

As I write this, I'm home not much more the worse for wear. I'm taking some drugs and eating differently. And counting my blessings that I had a warning (which I initially failed to recognize or heed). All in all, it was a pretty special holiday.

I agreed to write this only because one of you reading this may remember the story and remember that not all heart attacks are dramatic, catastrophic events. Personally, I expected strong pain and chest pressure; that was my idea of a heart attack. Not necessarily true, and my cardiologist pointed out that a majority of cardiac events are subtle. "The cemeteries are full of people, mostly men, who took Maalox and kept going," was my doctor's comment. The American Heart Association website has good information on recognizing symptoms! Check it out. And have a joyous New Year. I will!

News of New Retirees

After 16 years of dedicated service to the firm, **Bud Ahearn** will be retiring in January. Bud has had a distinguished career with the firm, beginning in 1992. During his career at CH2M HILL, Bud has served in several capacities, including as Vice Chairman, Transportation Business Group President, Eastern Region Manager, Director of Federal Programs, Principal-In-Charge for two major transportation corridor projects in California, enterprise leader for federal programs in the Middle East and hurricane torn Gulf Coast. He served most recently as executive sponsor for the current \$11 billion U.S. Forces Korea Relocation program.

Prior to joining CH2M HILL, Bud had a distinguished military career spanning three decades, where he achieved the rank of Major General in the U.S. Air Force. During his 34 years of experience with the Department of Defense, he served as project manager for engineering, construction, and operations/maintenance for the U.S. Space Program and the Strategic Air Command. He served as a major infrastructure program manager for the NATO and U.S. forces in Europe and the U.S. forces in the Middle East. He is a veteran of the Vietnam War and Operation Desert Storm in Iraq. As the senior Civil Engineer for the U.S. Air Force, he directed the development and operations of all U.S. air bases around the world.

Please join us in thanking Bud for his dedication and service to his country, CH2M HILL, and the engineering profession. Just visit <http://www.ch2m.com/corporate/ahearn/> and add your thoughts and well wishes to the online guestbook. You may send personal greetings in care of: Cari "Cas" Strouse, CH2M HILL, 9193 S. Jamaica St., #400, Englewood, CO 80112

After many years of outstanding service to the firm and the Southeast Region (SER), **Peggy VanHemert**/ATL, Regional Business Manager, Southeast Administration, has begun her newest adventure - retirement.

Peggy joined the firm in 1979 as Regional Administrative Manager in Atlanta. She held that role for 6 years, then became the District



Peggy VanHemert



Art Storbo

Administrative Manager with controllership responsibility for district operations of \$100 million and 1,000 people. In 1992, Peggy pursued other opportunities, then rejoined CH2M HILL 1998 as the Finance and Operations Manager. In 2004, she became the SER Regional Business Manager and during her tenure, brought her vast administrative management experience in professional services organizations to the SER management team.

Just after celebrating his 40th anniversary with the firm, **Art Storbo** retired to flex status with CH2M HILL on June 13, 2008. Art has touched many hundred projects and clients all over the world and has never failed to respond when called upon. He is a solid engineer, project manager, mentor and all-around great person. His dedication to our firm, clients and our profession is a model for us all. It has certainly been an honor for all who have worked with him during his tenure at CH2M HILL. To celebrate Art's retirement, he was honored with a retirement dinner on September 24, 2008 at the Bellevue Club in Bellevue, Washington. Art and his wife Sharon were greeted by many people from the Bellevue office as well as folks from around the firm. Sheldon Barker led the presentation during the evening, and stories were shared from projects around the world by Mike Doleac. Scott Trusler presented Art with a token of appreciation with a supply of No. 2 pencils and a pencil sharpener. As Art has shown time and time again, these tools are still very effective for the great engineers out there who we should all learn from!... *contributed by Jennifer Henke/SEA.*



Ken Green, Karen Dawson, Pam Goetz, Jim Goetz, Sheldon Barker, Mike Doleac

CH2M HILL said good-bye to **Tim Hassett** on September 29, 2008 with a party in the Colorado Springs office. Co-workers from DEN and COS wished Tim well in his retirement. Tim contributed to the success of numerous pipeline conveyance projects, was always willing to lend his expertise to more junior staff, always had fun on the job and enjoyed a good practical joke. We will miss his sometimes wacky personality.

Friends and co-workers assembled a scrapbook for Tim (included at the end of the eNewsletter [[click here](#)]) with pictures and remembered stories of times together. Dirk Draper/COS presented the scrapbook to Tim which was then enjoyed by all. Mary Gross/DEN presented a CH2M HILL Seiko watch to Tim with best wishes for a happy retirement. Snacks and cake were enjoyed by all....*contributed by Mary Gross.*

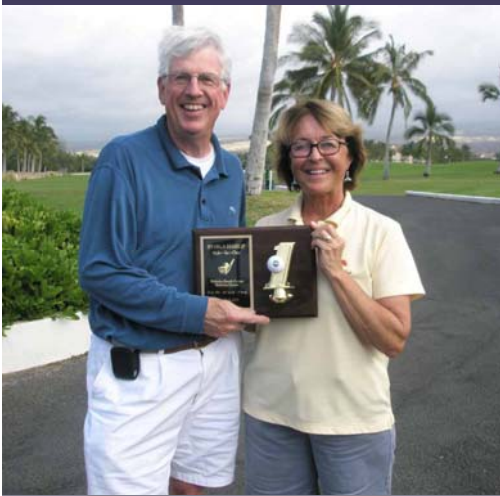


Tim at CC Hockey Game with Mark Rosser and Bill Knapp showing their team spirit.



Tim Enjoying his retirement Party





Tom and Starla with her Hole-In-One Plaque!

Tom Haislip: I retired from CH2M HILL at the end of 2008 after 29 years with the firm. The first 26 years were in the Boise office and the last 3 in the Austin office... We quickly grew to love Austin and central Texas – so much so that we decided to make Austin our permanent home. But we plan on spending our summers back in Boise (Grandma needs to do some grandmothering) and to escape the Texas heat. Another factor in our move was that Starla was able to keep her job as an instructor at Boise State University via internet and teleconferencing. So her commute is about 30 feet.

We started this last year with our regular sojourn to the Big Island with Steve and Carol Aasheim and Willie and Ann Loud. We all have timeshares at the Bay Club at Waikoloa Beach. Lots of golf, island exploring, shopping, visiting and maybe a toddy or two after a tough day. This time we all took a helicopter tour of the Kohala Coast. Another highlight was Starla's hole-in-one on the local golf course. She's still in the clouds.



Enjoying good company in Hawaii

In June, after a few weeks at our daughter's house in Boise, we decided a tour of the Northwest was in order. Starla and I are from the Northwest but we had forgotten how interesting, varied and beautiful it is. We spent a couple days at Camp Sherman, Oregon and the Metolius River where Starla and I were married some 39 years ago. Surprisingly, it hasn't changed much over the years. Even the little Chapel in the Pines is the same. Can't say the same for Sisters and Bend.



The little Chapel in Pines, Oregon

I finished out a few lingering projects before calling it a day and a career. CH2M has been a wonderful place to work and I've been blessed. But retirement is looking and feeling very good so far. I am a little surprised at how many things need to be done in this transition. Turning in all your CH2M stuff, new medical forms, new insurance, new banking issues, investment decisions, company stock and 401k decisions, new tax issues. I'm exhausted – so Starla and I are off on a Caribbean cruise. Hope to see many of you at the retirees' gathering in Sun Valley in September.



Tom fishing

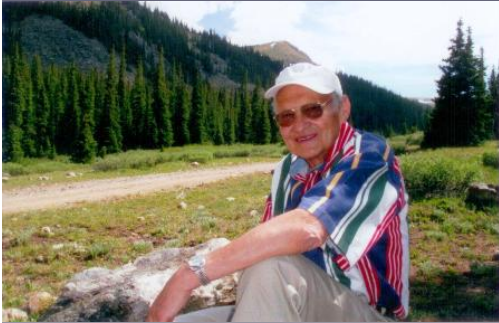
Otto Vydra (ovydra@gmail.com): He has, as some would say, finally, and definitely retired. The "official" retirement party in 1998 was followed by almost 10 years of consultancy and assistance activities in Europe and Middle East—thus completing 40 years with CH2M HILL, some 30 of those in a variety of international positions and assignments. And it was a good 40 years.

I never regretted my 1967 decision to accept Holly Cornell's (then in Seattle) offer to serve as an Interstate 205 project engineer in the newly established Vancouver, WA office; typically for CH2M, at a lower pay than I had had with another consulting firm in Chicago but with a promise of "certainly quite a bit of overtime to more than compensate the cut". The "overtime" part of the promise turned out to be correct.

For me the CH2M HILL experience is also the American experience. It's a realization that values such as decency,



Otto and Eva



Otto relaxing



Local children help celebrate the opening of the water treatment plant and supply system in Arugam Bay, which will provide them with potable water, something they have never had access to before.

respect, integrity, trust, and openness are as important in the professional life as they are in the personal conduct. In the long run the nice guys win.

Now, when dividing our time between Prague and Colorado I can only reflect how much my life was enriched through the connection with the firm. Not only was I given a chance to see the world but it gave me an opportunity to establish life-long friendships and understanding with people from so many different cultures. I am proud and humble to count among them Indians; Latinos; Arabs from Syria, Tunisia, Egypt, and Palestine; Sri Lankans; Greeks; Turks, Australians, and Germans, to name a few.

Heartfelt Thanks from Bob Crittenden (Rnewcrit@aol.com): My wife Emily, who many retirees met at the Orlando reunion, passed away on September 4th, 2008. She was a lady of strong Christian faith who was, as the pastor titled the funeral sermon, *God's Beauty Queen*. When our office here in Montgomery learned of Emily's death, they asked if I would like for them to provide pallbearers. I was so gratified by the offer. They came back to me with a list of those who would like to serve. It was difficult to select six from the wonderful folks who had offered. Emily would have been so very honored. Those CH2M HILL folks who served as pallbearers were Brian Brown, Bob Carlisle, Mike Godwin, Blake Jeffcoat, Sam Shannon, and Tom Walters. I was so touched by the compassion and sympathy expressed by the firm.

Catching Up With Meaningful Projects, Ideas, And Outcomes

TSUNAMI RECONSTRUCTION PROGRAM ENDS JOYFULLY

Nearly 4 years after a 9.2-magnitude earthquake off Sumatra and resulting tsunami devastated lives, land, and infrastructure, CH2M HILL and the people of Sri Lanka and Maldives celebrated progress and hope being realized as families and economies are pieced back together. With funding from the U.S. Agency for International Development (USAID), CH2M HILL's commitment to help rebuild, and hard work of volunteers from around the world, a healthy, sustainable future is becoming a reality.

On December 12, a closing ceremony was held in Colombo, Sri Lanka, to mark completion of the Tsunami Reconstruction Program in Sri Lanka and Maldives, which included building vital bridges and access roads, three fishery harbors, nine vocational education schools, water supply and treatment plants, business and water management plans, and more. Community awareness and the promotion of health, clean water, and sanitation were also a large part of the program, which involved creating a health network television system, workshops, and training programs for all community members.

Another important part of the program was creating water treatment plants that supply potable water to 48,000 people in Sri Lanka and Maldives. This included design, construction, and



USAID Sri Lanka

operations training for two seawater reverse-osmosis facilities in Maldives, which will provide the first treated water supply for the 8,000 island residents.

Program completion signals great hope for a bright, sustainable future for those hit by the tsunami, and the closing ceremony was indeed a celebration. Guests drank clean potable water from the tap and danced with gratitude for all of the work done by USAID, CH2M HILL, and many volunteers. CH2M HILL leaves Sri Lanka with the knowledge that everything is in place for locals and communities to live in a stronger, flourishing, more sustainable way.

It's A Zoo Out There: CH2M HILL Is Program Manager for Al Ain Wildlife Park and Resort

You wake up, pour a cup of coffee, and look out your kitchen window. The sun is beginning to rise. As you yawn and wipe the sleep from your eyes, you look beyond your backyard to view oryxes mingling with giraffes, and you notice a herd of gazelles near the rhinos off in the distance.

Wait a minute! Oryxes, giraffes, gazelles... and rhinos?

For most of us, the coffee would be spilled and the yawning would turn to wide-eyed disbelief. But this will be a typical day at the new Al Ain Wildlife Park and Resort (AWPR) in the United Arab Emirates (UAE).



Already the largest zoo in the UAE and home to more than 3,000 animals, the Al Ain Zoo is undergoing a major expansion to become the new AWPR, and CH2M HILL is program manager for this first-of-its-kind project, which will spread over 900 hectares (about 2,224 acres). The new core zoo will recreate desert environments from around the world, with each exhibit displaying indigenous animals and plant life. Arabian, African, and Asian safaris containing more than 8,000 animals and covering an area four times the size of Animal Kingdom at Disney World will complement the zoo. Resort hotels, retail outlets, and residential communities will complete this leisure-time and cultural destination. This world-class resort pays tribute to His Highness the late Sheikh Zayed Bin Sultan Al Nahyan, founder of the modern day UAE. Sheikh Zayed was a renowned leader in the restoration and conservation of desert environments, with a



Aerial rendering

special fondness for his home, the oasis community of Al Ain. Following Sheikh Zayed's vision to preserve the area's 5,000-year-old culture and heritage, AWPR will be built and operated within a comprehensive sustainability program.

"Al Ain has a tremendous cultural significance in the Emirates and we are honored to be entrusted with this program," said Transportation Business Group President Mike Kennedy. Furthermore, "The partnership with the San Diego Zoo adds deep

credibility... Our work is setting the standard for future land development programs in the area."

Rick Luebbers, a 35-year CH2M HILL veteran, leads the program team (of about a dozen CH2M HILL and client staff) from the new Al Ain project office, which is housed in the Zoo's veterinary building. "The team has had to scramble every day to keep ahead of this fast-moving project. The first of a series of planned grand openings is scheduled for the end of 2010," Rick said. "When we say this project is a zoo, we really mean it!"

CH2M HILL and IDC Architects Place Third In Sand-Sculpting Fundraiser

CH2M HILL and IDC Architects Portland employees won the Bronze Bucket award (third place), an impressive accomplishment in only its second year of participation in Sand in the City. Seventeen teams had 6 hours to create sand sculptures in Pioneer Courthouse Square. After months of planning and practice, CH2M HILL's team used 5 cubic yards of sand to create a scene called Reach for the Stars, in which a child astronaut uses a dream machine to turn dreams into stars that fuel an 8-foot-tall rocket.

Team coordinator David Hasting and project manager Caitlin Pierce led Scott Barton-Smith, Nathan Berglund, Matt Bozigar, Jeremy Galvin, Heather Hardie-Hill, Bryan Jones, David Koukel, Ken Li, June Marion, Amy Maule, Martin Naydenov, Anthony Neal, Scott West, and significant others to victory.

Proceeds from the weekend-long event went to Kids on the Block, a nonprofit organization that uses puppet shows to teach local children about health, safety, disabilities, and social topics.

Mother Nature Feels Our Pain

(FROM 12/15/08 SEATTLE POST-INTELLIGENCER)

BY TOM HOLZ (GUEST COLUMNIST AND CH ALUM TOM HOLZ OF OLYMPIA IS SELF-EMPLOYED AS A CONSULTING CIVIL ENGINEER.)

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The Puget Sound Partnership faces enormous technical challenges in its mission to preserve and restore Puget Sound. But by far PSP's biggest challenge is to persuade us to change our habits and our ways of thinking about our place in the Sound ecosystem. It is hoped that poking a little fun at our foibles will underscore the ways in which we must change if the Sound is to survive:

Mother Nature wishes to convey a deep and heartfelt apology. She is very sorry that her science is so unrelenting and thus so inconvenient for humans. She has mandated that clearing forests will cause damage to stream channels. We have noted that clearing even as little as one-third of a watershed causes her to



Reach for the Stars



Victorious Team

retaliate by destabilizing and eroding stream beds regardless of how grumpy that makes us.

She has ordained that even minute amounts of impervious area in a watershed will seriously harm aquatic life. If only 5 percent of a watershed is paved and the pavement is connected to the stream, half the health of the stream is lost regardless of our screams about how unfair it all is.

She has declared that removing the forested fringes from streamsides will cause her fish to starve and die. Is she not aware that this counters the will of our Founding Fathers who foresaw the need for us to put our croquet sets there? Does not the Constitution give us inalienable property rights in order to make streamsides safe for lawn chairs? Mother Nature is grieved to disclose to her suffering progeny that even our most sacred prejudices do not trump her rules.

She requires that for her systems to continue to provide mankind with benefits, mankind cannot disturb them as much as is needed to maximize profits. She understands that we believe that every watershed must be 100 percent developed and turned to the purposes of providing habitat for autos and plastic flamingos. She knows that her children believe they need shopping malls with parking lots the size of Delaware because it is just sooo-yesterday to take the bus to the store.

As reasonable and noble as our aspirations are, Mother Nature apologizes, but remains stubbornly attached to her constraints, unrealistic as they clearly are.

"Has the woman not attended the stakeholders' meetings?" the stakeholders shout. "Has she no reverence whatever for developers' profit margins?" the agencies in charge of stream protection lament. "Does she care not a whit for the educated opinion of the councils' campaign contributors?" elected officials cry. "She makes it exceedingly difficult to continue to deny facts," bemoans the hearings examiner. "My program for issuing DNS's for the orderly destruction of the environment is in total disarray," grouses the environmental officer. "Does she actually expect me to protect watersheds instead of grease-the-skids for development?" howls the development services engineer. "People are more important than the environment that supports them," rings the unassailable logic of the faithful. "People will not want to move here unless we destroy the environment for their sake," mourns the real estate broker.

Mother wishes us to know that she feels our pain. However, she wishes to point out that the rules were established well before we were born, and we were warned about them many times. She points out that children are eventually supposed to grow up and stop rebelling against their parents' rules.

And Mother reiterates her standing admonishment that if you continue to whine over things you cannot change, she will give you something truly worth whining about.

Trinity River Corridor Project

One could say the roots of the Dallas, TX, Trinity River Corridor Project stretch back a hundred years. It was in 1908 that the city was inundated when the Trinity River flooded, causing an

estimated \$55 million (in today's dollars) in damages. Bridges were washed out and utilities flooded, showing just how vulnerable the city was and how disorganized its growth had been. In 1912, city planners adopted the Kessler Plan, after landscape architect George Kessler, who was hired by the city to create a vision for ordered growth. The plan called for constructing a levee system, rechanneling portions of the river, and creating a system of parks, among other projects.

Over subsequent decades, portions of the plan were adopted but others (a central thoroughfare linking the two sides of the river, for example) were not; revisions

to the plan were made, then abandoned. "The levee system was created, but the linear park Kessler designed wasn't built," says Greg Ajemian, Senior Program Manager with the Trinity Program Office. It wasn't until the late 1990s that all elements—purchases of private land, bond proposal approval, etc.—were in place for bringing to fruition concepts Kessler had advocated decades earlier. Notions of recreation, beauty, and public space had changed significantly since the early 20th century, however.

In December 2003, the Dallas City Council formally adopted the Balanced Vision Plan for the Trinity River Corridor, a comprehensive plan addressing floodplain control, public access, recreation, transportation, economic development, and environmental restoration—a present-day Kessler Plan of sorts.

CH2M HILL has been retained by the City of Dallas as the prime consultant for the Downtown Lakes and Amenities and Floodway Preparation portion of the larger Trinity River Corridor Project. Jim Parrish/DFW is overseeing the \$18.9-million lakes and amenities project, which is composed of creating urban lakes, restoring historic river meanders that were taken out in the 1920s, landscaping, relocating utilities, creating a master plan for public art, and providing boating access, among other tasks. Mike Bastian/DFW and Greg Welch/DFW are Principal-in-Charge and Assistant Project Manager, respectively. Other key project personnel are Mark Tompkins/BAO, Kyle Winslow/SDO, Denny Mengel/BOI, Brad Hudgens/DFW, Beatriz Dongell/DFW, Tim Lyons/DFW, Rick Riker/CVO, Jaco Esterhuizen/CVO, and Mark Kacmarcik/CVO.

CH2M HILL will design two 12-foot-deep, perched lakes—one encompassing 60 acres, the other 80 acres—and create a third lake, 18 feet deep and 126 acres, farther upstream, near the confluence of the West and Elm forks. The former two lakes will be supplied with a 50-million-gallon-per-day (mgd) flow of treated effluent from the Central Wastewater Treatment Plant, and the



View of the flooded Trinity River in 1990. Here the river nearly fills the entire 2,000-foot-wide floodway

lakes will be available for fishing and boating. The several-foot elevation difference between them will mean a water feature such as a waterfall can be created, and the direction of flow—from the south lake to the north one, opposite the river’s flow—will create a convenient 4-mile loop for boaters, who will be able to return to where their boats were launched.



View of Dallas superimposed with rendering of completed Downtown Lakes and Amenities and Floodway Preparation portion of the larger Trinity River Corridor Project. CH2M HILL will help shape all of the roughly 9-mile-long segment of the river shown here

Additional tasks include surveying and base mapping the entire 9 miles of the corridor, performing environmental and geotechnical investigations, relocating existing utilities, analyzing water quality and hydraulics of the river and floodway, and modifying existing bridge piers where the river is moved.

CH2M HILL will provide 100 percent design documents for a temporary observation deck for the public; 100 percent design for utility and bridge pier modifications; 20 percent design for plazas and promontories; 20 percent design of a signature architectural structure that is perched over the levee and provides views of the corridor; 20 percent design for a mile-long promenade; 20 percent design for “softscape” and play areas; a vehicular, pedestrian, and circulation master plan; an iconic lighting plan; a master plan for public art; a boating access strategy; water features; a preservation guide; and governance consulting.



Concept rendering developed by Wallace, Roberts & Todd of the promenade and urban lake near downtown Dallas

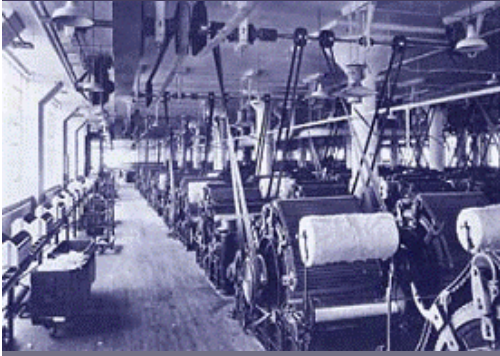
Working with CH2M HILL will be several subconsultants—including Wallace, Roberts & Todd, of Philadelphia, and URS (formerly LopezGarcia Group), of Dallas—whose specialties include lighting, architecture, water purification, water feature and trail design, and security. “Jim [Parrish] is overseeing about 21 subs,” Greg Ajemian says. “That’s a lot of moving parts. CH2M HILL has been great to work with.”

The overall corridor project is already underway; design for the lakes and amenities will be completed in 2010, and construction will begin in 2011.

See <http://www.trinityrivercorridor.org> for additional information.

CH2M HILL Lockwood Greene Donates Historical Industrial Design Collection to Smithsonian

The Smithsonian Institution’s National Museum of American History now features a historic display on the history of American engineering, thanks to a donation from CH2M HILL Lockwood Greene. The donation, which includes more than 36,000 “ink on linen” architectural and engineering drawings dating from the 1870s to the 1930s, is described in an article in the latest issue of Army Engineer magazine.



The first electric-driven manufacturing facility: Lockwood Greene's 1893 project for the Columbia Mills' textile mill in Columbia, South Carolina

As the oldest American engineering and construction firm in continuous existence, Lockwood Greene has a respected history in the manufacturing industries tracing back to 1832. Since 2003 Lockwood Greene has been an integral part of CH2M HILL's industrial business.

The article describes the fascinating Smithsonian donation, which includes original photographs, board meeting records, cost records, and other relics that help preserve the history of American engineering. An example is the collection's drawings from the first electric-driven manufacturing facility, an 1893 Lockwood Greene project for the Columbia Mills' textile mill in Columbia, South Carolina. The project was undertaken with a new startup company incorporated just one year before – a firm by the name of General Electric.

The items comprising the exhibit were discovered in 1996 in a warehouse once used to store munitions in Boston, where Lockwood Greene at one time had a strong presence. As luck would have it, the cool, dry conditions appropriate for a munitions warehouse were also ideal for the preservation of sensitive documents.

For the past 29 years, document and facility manager David Rush/SPB has been cataloguing and watching over these artifacts. He helped assemble them into the rare collection now on display at the Smithsonian.

Strategic Initiative Highlight: Climate Change

Observations from around the globe indicate climate change is affecting and will continue to affect our environment and our future. Global temperatures are increasing, sea levels are rising, the extent of snow and ice cover in the Northern Hemisphere is declining, and extreme storm events are becoming more common. Projections suggest that Earth's climate will change more rapidly in the future, given the expectation that the rate of greenhouse gas (GHG) emissions will increase.

Two sets of climate change drivers significantly affect the water community:

GHG emission constraints: regulations that attempt to reduce future climate change effects. These efforts are mitigation.

Water availability: dealing with shortages in some geographies, excesses in others (flooding, storm surge, and sea level rise). Addressing the adverse, unavoidable effects of climate change is adaptation.

In the face of these drivers, the Water Business Group has been developing both mitigation and adaptation approaches, tools, and processes that integrate our best engineering and science solutions to address our clients' climate change challenges.

Several current projects highlight our climate change capabilities in both GHG management and climate change adaptation services.

CH2M HILL is program manager for the Water Environment Research Federation's Wastewater Treatment Plant Optimization Challenge. The challenge is developing ways to increase wastewater treatment process sustainability by reducing energy use and GHG footprints and using more renewable energy.

Our project with the Milwaukee Metropolitan Sewerage District includes an inventory of GHG emissions for all operations and facilities. The inventory estimates emissions from each of the six source types included in the Kyoto Protocols. Additionally, we are evaluating the district's Greenseams program for the developing carbon sequestration credits.

Our Lower Colorado River Water Authority-San Antonio Water Supply (LCRA-SAWS) project integrates climate change adaptation services and Water Portfolio Management services. The project assesses the risks of water supply uncertainty caused by climate change to the LCRA-SAWS water supply capital improvements plan, including a water supply portfolio with multiple sources, modified operations, and infrastructure improvements to address climate change uncertainty.

Our Salton Sea project in southern California similarly evaluates the risks of climate change to water management scenarios for ecological restoration of one of the largest saline terminal lakes in North America. The 75-year planning horizon includes climate change effects on water surface elevations and water quality and how they in turn affect habitat and an array of endangered species and sensitive species in and around the sea.

Finally, we learned on December 11 that the Hazen and Sawyer/Halcrow JV and CH2M HILL team has been awarded a project for the New York City Department of Environmental Protection (NYCDEP) to assess threats from climate change to city infrastructure and operations. The threats include sea level rise, storm surge, increased extreme precipitation events, and increased temperatures. This is the first major award that includes both GHG emissions management and climate change risk assessment and adaptation services, making the NYCDEP an industry-leader in anticipating and managing climate change causes and effects. Our selection for this project demonstrates the value of our approaches, tools, and professionals in leading the water community to implement solutions that manage the effects of climate change.

CH2M HILL Develops Sustainability Curriculum for Middle School Students

Sustainability is becoming a mainstay in vocabulary, yet explaining it can be a challenge, particularly to middle school students. That was the task put forward to a team of CH2M HILL sustainability experts asked to develop sustainability curriculum for International Towne, a Denver-based educational program. The program is offered to 6th, 7th, and 8th grade teachers to help teach students about global economics through fun, hands-on, experiential learning.

“Sustainability means different things to different people,” said Jan Walstrom, senior vice president, program and project management, who also served as Head of Sustainability and Environment for CH2M HILL’s program management contract for the London 2012 Olympic and Paralympic Games. “Our clients look to us everyday to provide sustainable solutions, but being asked to help educate our future leaders and environmental stewards was a rewarding experience and a great opportunity. Trying to get into the mindset of a 13-year-old and determine what was important to them allowed us to view sustainability from a whole new perspective.”

In response to teachers’ requests for lessons focused on global environmental issues and science, International Towne approached CH2M HILL to enhance existing curriculum and develop new lessons covering sustainability. CH2M HILL sustainability experts, Jan Walstrom, Laura Brooks, and Carla Rellergert, met the challenge and created two new lessons: Sustainability and Global Climate Change and Sustainability and Hard Choices.

In the Global Climate Change lesson, students discuss the concept of global climate change and the contributing factors. By calculating their own carbon footprints, students gain a better understanding of the impact they make in the world and can compare their impact to the average carbon footprint of students in other countries. In the Hard Choices lesson, students learn about “Where does the corn crop go – food or fuel?” Students explore the use of corn as a fuel source and the impacts that choice may have on global food prices.

“Students participating in the Young Americans International Towne program gain the problem-solving and critical thinking skills, as well as a global awareness, necessary to make a difference, as they become tomorrow’s leaders,” said Carla Rellergert, environmental compliance manager. “Our goal was to get the students thinking critically about the choices they make and what that really means, not just to them, but to their families, local communities, and the world at large.”

An existing shipping exercise was enhanced by the CH2M HILL team to tie this lesson to the new sustainability lessons. Students are asked to calculate the carbon footprint for transporting

various local and imported fruits and to think more globally about where and how they get the items they consume every day.

“Thank you for sharing your passion and expertise with ‘all things sustainable’,” said C.J. Juleff, Young American’s vice president of programs. “It has been a delight to watch your amazing team at work. The International Towne students will benefit greatly and so will the world, one less carbon footprint at a time.”

The \$50,000 in-kind donation is part of CH2M HILL’s support for the Young Americans Center for Financial Education.

The Young Americans Center for Financial Education in Denver, Colorado, is a nonprofit that reaches more than 47,000 youth annually with hands-on programs and real-life experiences that promote financial self-sufficiency. Since 1987, more than 350,000 young people have been active bank or program participants with Young Americans.

Bonita Springs Utilities East Water Reclamation Facility

CH2M HILL has an ongoing 20-year relationship with Bonita Springs Utilities (BSU), providing consulting and design-build services for water and wastewater treatment plant systems. Throughout this relationship, CH2M HILL also provided a wide range of engineering, planning, design, and construction services to support the needs of BSU’s wastewater collection, treatment, and effluent reuse systems, as well as potable water treatment, storage, and distribution.

Completion of the Bonita Springs East Water Reclamation Facility demonstrated the efficiency and effectiveness of the design-build approach. The facility’s state-of-the-art advance technologies include membrane bioreactors; a centralized sludge drying system; and automation to facilitate community growth, promote potable water conservation with the production of high-quality reclaimed water for irrigation, and provide a high-quality Class AA dried solids. With the implementation of this technology mix, BSU is well positioned to meet more stringent regulatory and environmental requirements in the future.

Key CH2M HILL personnel who worked on the East Water Reclamation Facility included Southeast Design-Build Operations Manager Don Klose/TPA, Client Service Manager Bill Beddow/SWF, Project Manager Katus Watson/TPA, and Design Manager Jeanine Hargis/ATL. Also working on the project were Senior Technologists Randy Boe/GNV and Jason Mau/GNV, Senior Electrical and Instrumentation and Control Engineer P.Y. Keskar/GNV, and Site Superintendent Gary Giordano/TPA. Jim Bradbury/SWF, Dave Schoster/GNV, and Niel Postlethwaite/TPA provided field engineering support for the project.

When it began operation in January 2007, BSU’s East Water Reclamation Facility became the largest membrane-bioreactor



Aerial view shows BSU facility, stormwater pond, rejects pond, reclaimed water storage ponds, and area for future expansion



Ops building and entrance to BSU's state-of-the-art East Water Reclamation Facility.



Equalization basin (left) and odor control facilities (right) at the East Water Reclamation Facility

plant commissioned in the state of Florida. The facility reclaims water from sewage and wastewater to provide irrigation water that helps relieve seasonal water shortages. The facility protects the environment with no discharge of nutrient-rich water into the community's surface-water system, eliminates the need for sludge hauling and disposal by producing dry pelletized biosolids that are sold as fertilizer, and minimizes the need for additional chemicals to purify the reclaimed water. The facility site, along I-75 north of Terry Street, includes a 10-acre wading bird habitat surrounding a 9-acre pond. "The project's success is indicative of the high level of commitment to team work, professionalism, integrity, fairness, accountability, and mutual respect for each other. It was truly an honor to have been a part of this team," said Project Manager Katus Watson.

The East Water Reclamation Facility has the capacity to treat 4 million gallons of wastewater per day and works in conjunction with BSU's original West Water Reclamation Facility to process the wastewater produced by more than 30,000 homes and businesses in BSU's 60-square-mile service area. Treated wastewater that does not meet discharge standards is diverted to a lined reject storage pond and returned to the facility headworks. Plant effluent that meets discharge standards is pumped to reclaimed water customers or temporarily stored in the onsite wet-weather pond when rainfall conditions do not allow discharge to reclaimed water customers. The new facility is designed to be expanded to a capacity of 16 million gallons per day, enough to serve the needs of the service area through buildout.

Our client, BSU Director of Engineering Mike Liggins said, "Our staff was made an integral part of the design-build project team and was actively involved in making decisions to maximize value and minimize plant-operating costs throughout all phases of the project. CH2M HILL delivered the project on schedule and within budget. The new facility not only helps BSU meet the needs of the Bonita Springs community for years to come but also serves as a model for other utilities throughout the nation."

This facility has already received two major awards: the Florida Section American Society of Civil Engineers (ASCE) Project of the Year for 2008, and the 2008 National Design-Build Excellence Award by the Design-Build Institute of America (DBIA). Operations Manager Don Klose said the following about the project delivery team effort, "I want to offer my congratulations to the entire BSU project delivery team for this tremendous recognition by the ASCE and DBIA. This is further industry recognition that the CH2M HILL alternative delivery model provides a superior product for our clients."

Bob Bailey/ORL, CH2M HILL Water Business Group President, said of the DBIA award, "The Bonita Springs East Water Reclamation Facility is a great example of the kind of high-caliber projects CH2M HILL delivers in partnership with our clients. We are honored on behalf of our firm and Bonita Spring Utilities to have DBIA bestow this award upon us and recognize CH2M HILL's advanced

and innovative application of total integrated project delivery and ability to find unique solutions for project challenges.”

Innovative Fish Tower Will Restore Salmon Fish Passages and Provide Green Energy

As a result of a new, innovative fish passage project in Central Oregon designed by CH2M HILL and partners, salmon and steelhead could soon be swimming their way down the Metolius, Crooked and upper Deschutes River for the first time in more than 40 years.

Portland General Electric (PGE) and the Confederated Tribes of the Warm Springs Reservation of Oregon, co-owners of the Pelton Round Butte Hydroelectric Project at on the Deschutes River, are one year into construction on a groundbreaking system which will restore fish passages around the Round Butte and Pelton dams for the first time in 40 years, while improving water quality and continuing to provide a source of green energy.

Engineered by CH2M HILL and partnering firms EES Consulting and ENSR/AECOM Technology Corporation, the 273-foot-tall, 5.5-million pound underwater tower will mimic natural conditions by modifying water temperatures and currents to attract migrating fish to the underwater tower and fish collection station. These fish will be sorted, and young salmon and steelhead will be trucked downstream below the dams to continue their journey to the Columbia River and the Pacific Ocean. When they return as adults, the fish reaching the lowest dam will be sorted and the salmon and steelhead will be trucked above Round Butte Dam to reach the upstream rivers to spawn.

Construction on the project, which is located above Round Butte Dam in Lake Billy Chinook, is underway with crews on target to have the facility operational in spring 2009, at a cost of about \$108 million.

In October, the lower section of the tower was sunk into place, and is being anchored by 11 pilings drilled into 32 feet of bedrock. The flow conduit, a 136-foot length of steel pipe 40 feet in diameter, will be installed to connect the top and bottom intakes to mix warmer surface water with cooler bottom water.

The Pelton Round Butte Project is the largest hydroelectric-powered project completely within Oregon’s boundaries and the only in the nation jointly operated by a utility, Portland General Electric, and a Native American tribe, the Confederated Tribes of the Warm Spring Reservation of Oregon. This design will help PGE meet its renewable energy goals.

Nice I&C Win at New OSU Energy Center

BY LYN LARSON/CVO AND JEFF KANYUCH/CVO

CH2M HILL has been selected as the design-build control system subcontractor for the new energy center at Oregon State University (OSU), currently under construction at 35th Street and Jefferson Way in Corvallis. This work will bring in around \$1.75 million for CH2M HILL over the next year, with the system expected to be online by summer 2009.

CH2M HILL is subcontracting to general contractor Andersen Construction, with turn-key responsibility for buying, installing, calibrating, testing, starting up, and commissioning the instrumentation and control system for the facility, which is sized to handle the energy load of the entire campus.



The nearly complete first phase of this new cogeneration plant includes construction of a new building with two boilers. Phase 2 includes installation of the cogeneration system and upgrade of the electrical distribution system. The building will generate steam for interior heating, and replaces an inefficient, 50-year-old facility. According to Bob Simonton, OSU's facilities director, the new energy center will benefit the campus and its community by lowering operating costs, generating power on campus, reducing the use of fossil fuel, and reducing more air emissions and water consumption than would conventional power generation. The building will also provide a facility for sustainable and renewable energy research and demonstration and a place to teach energy and environmental professionals.

Project Manager Jeff Kanyuch/CVO explains that CH2M HILL won the job largely through relationships it has established with OSU and Andersen, but also because of its proven ability to do this work, the fact that it is a local presence, and the history and values of the firm. In fact, copies of Jim Howland's *Little Yellow Book* were handed out at the interview.

Key team members for the pursuit were Dave Kelly/SEA, Gary Mays/PDX (both formerly with IDC), and Jeff Kanyuch/CVO. Several members of the Corvallis office will do programming and field startup for the project, including Fran Miller, Duane Thomas, and Michael Denison. Resources will also be pulled from PDX's Electronics and Advanced Technology Group.

Portland TBG Women Mentor Girls, Win Award

Over the past 11 months, six professional women in CH2M HILL's Transportation Group guided a team of girls that created an innovative Transportation Activity Book. The book uses entertainment-oriented teaching tools such as puzzles, art activities, and interactive games conveying educational messages to help youth understand transportation systems and safety. The book is now being made available to support youth transportation education programs in the Portland area as well as



Six professional women from our Portland office and four girls created this innovative activity book and won an award to boot



The Girls, Inc., team mentored by PDX won the 2008 Associates Mentoring Program Challenge Award

in other regions. One idea being considered is to use the book to help raise funds to benefit Girls, Inc.

Last year, Girls Inc. launched the Associates Mentoring Program to offer girls workplace mentoring during the workday to develop the communication and problem-solving skills necessary for a successful career. CH2M HILL PDX employees Theresa Carr, Marcy Schwartz, Kristin Hull, Bonnie Scheeland, Sumi Malik, and Brandy Steffen met with four girls twice a month to provide workplace mentoring and help the girls develop a project. In tribute to the CH2MHILL name, the girls named their team S2BG, representing Strong, Smart, and Bold Girls. Once completed, the project was entered into the competition for the Girls Inc., Associates Mentoring Program Challenge Award. The competition involved projects mentored by other participating companies, including The Standard, REI, PGE, Recess Fitness, and Northwest Staffing. Girls on the winning CH2M HILL team received 529 college-saving plans, valued at \$750 each, that their families can continue to grow through future contributions.

Dallas Love Field Airport Baggage Claim Area Project Selected for MCA Design Award

On October 28, 2008, Dick Bus, President of The Metal Construction Association (MCA) notified the DFW office that the Love Field Baggage Claim Area Project had been selected as the winner of the "Renovations and Retrofit" category for the 2008 MCA Design Award.

The MCA Design Awards are sponsored by Modern Trade Communications (publisher of *Metal Architecture* magazine) and the Metal Construction Association. This award includes a \$1,500 scholarship made in the name of CH2M HILL to an accredited school of architecture. The award will be presented to Dean Donald Gatzke of the School of Architecture at the University of Texas at Arlington.

Mr. Bus writes, "The Metal Construction Associations salutes CH2M HILL Lockwood Greene for your successful design and for helping to promote excellence in architectural education."

Project Manager Tony Wanat/DFW stated, "this is the second award this project has received, earning Metalmag's 2007 Architectural Award in the Interiors category, which was announced in the May 2008 edition of *Metalmag* magazine. We are honored that the project is being recognized for its innovative design."

The design team was indeed challenged to create a sleek, contemporary look for the Love Field Baggage Claim area, making the space lighter and brighter while working around a major air duct that ran down the length of the space.

Designers were able to conceal the duct and create a great deal of ceiling height by designing an undulating metal ceiling,



measuring approximately 300 feet long and 62 feet wide and ranging in height from 8 to 21 feet. The range of radii needed to implement the design limited the type of materials that could be used, and the task required ceiling materials that offered flexibility and that could be easily installed. Therefore, the Armstrong MetalWorks Linear metal ceiling was chosen for the space and accomplished all the goals of the design team. Metal ceiling would allow designers to introduce a more aerodynamic look into the space.

Undulating metal ceiling combined with clerestory natural lighting offers soft, flowing lines which aptly represent an aircraft and airport environment. The Dallas Love Field Baggage Claim area now sports a stylish ceiling, giving the airport a “signature” look.

CH2M HILL OMI Working With Canadian First Nations Communities

Through First Canadian Water and Infrastructure Ltd., CH2M HILL OMI has been selected to provide management oversight, mentoring and guidance for water treatment system operators who serve 18 First Nations communities throughout British Columbia, Canada.

This technical assistance and operations support is being delivered as part of Canada’s national Safe Water Operations Program, which provides First Nations (native Indian) communities with resources necessary to have their water systems operated and maintained by certified operators. The 17-month contract, signed in early November, can be renewed for multiple terms. To date, the British Columbia Safe Water project is the largest of its kind in Canada. The value of the first term of the contract is estimated to be \$1.6 million Canadian.

Regional Vice President, Delivery Gregg Higgins will be Program Director and will oversee the First Nations British Columbia work. Lawrence Benjamin from CH2M HILL in Burnaby, British Columbia, will be Project Manager. According to the government’s Indian and Northern Affairs Canada department, the province of British Columbia is home to 198 First Nations, about one-third of all First Nations in the country. Indian and Northern Affairs Canada named the Carrier Sekani Tribal Council as the program manager for the 18 First Nations participating in this Safe Water project. The Carrier Sekani Tribal Council awarded the technical assistance contract to First Canadian Water and Infrastructure Ltd., a joint venture formed in 2006 between Tribal Councils Investment Group of Manitoba Ltd. and CH2M HILL Canada Ltd.

CH2M HILL OMI will perform the Safe Water Operations Program technical and management services through a subcontract to First Canadian Water and Infrastructure.



Associates Wally MacKinnon (front left) and Gregg Higgins (front right) are pictured with client representatives involved in the First Nations work. Project Manager Lawrence Benjamin from CH2M HILL Canada stands at the back, second from left.

Long-Standing Client Relationships Help CH2M HILL Win Air Force Contract

The Environmental Services Business Group has been awarded a \$12-million project to provide remedial action operations and long-term monitoring for 56 sites at five Air Force Air Mobility Command (AMC) bases across the US. The 5-year contract covers Charleston AFB in Charleston, South Carolina; Fairchild AFB in Spokane, Washington; Grand Forks AFB in Grand Forks, North Dakota; MacDill AFB in Tampa, Florida; and McConnell AFB in Wichita, Kansas.

“Our strong client relationships enabled us to demonstrate an in-depth familiarity with proposed scopes of work, base specifics, and the regulatory environment in which these bases operate,” said Mark Rigatti, senior proposal strategist and business group construction operations director.

CH2M HILL’s winning proposal introduces sustainability aspects throughout the project by reducing overall field efforts, combining reporting requirements, and optimizing treatment and monitoring systems—leading to a corresponding decrease in energy use. The team also addressed reducing the lifecycle costs of long-term monitoring, remedial action systems, and operation and maintenance.

Tom O’Hara/ATL will manage the project, with Casey Hudson/ATL responsible for bases in the east and Mark Henry/SPK overseeing bases in the west. EarthTech/AECOM will support the project as a major subcontractor.

The proposal—selected for providing the best value to the government—involved employees from across the country, including staff in California, Colorado, Florida, Georgia, Texas, Virginia, and Washington.

The Business of Green City Blooms in the Desert (from Fortune, 12/08/08; Sources: Masdar Initiative; John Mogge (TPA), CH2M HILL, and others)

In the sands of Abu Dhabi, a city of the future is taking shape. The leaders of the oil-laden nation have declared that petroleum belongs to the 20th century, so they are making an investment in the 21st century by building Masdar, the world’s first zero-carbon, zero-waste city, powered almost entirely by the desert’s plentiful sun. Ground was broken last winter for the \$22 billion project, financed by the government of Abu Dhabi and outside investors and slated for completion in 2016. While more expensive to build than a traditional city, Masdar, which will be home to 1,500 businesses, 50,000 residents, and 40,000 commuters, will use 75 percent less electricity and 60 percent less water. Personal transportation pods powered by lithium batteries will replace cars, and wastewater will be routed to farms.

MASDAR METRICS

Construction cost of city:

\$22 billion

Completion date:

2016

Area:

2.3 square miles

Population:

50,000 residents and 40,000 commuters

Office space:

65 million square feet

Estimated temperature:

20 degrees cooler than the surrounding desert

Resources used compared with similar size city:

60% less water, 75% less electricity & 98% less landfill space

Masdar in Arabic means "source," and the name was picked for good reason. "We want to be the Silicon Valley of environmental design," says Gerard Evenden, a senior partner at Foster & Partners, the London architectural firm that created the city's master plan. Within the walls will be a green-tech research institute, developed with help from MIT. The city itself will act as a laboratory to test carbon-free products and prove that alternative energy can be deployed on a massive scale. "We want Abu Dhabi to be an energy player, not just an exporter," says Khaled Awad, Masdar's director of property development.

With its high-rise building boom and its huge air-conditioned shopping malls, the region is hardly a poster child for the environment. Yet Masdar, even if the global credit crunch slows its progress, is likely in the end to stand as a guidepost for urban planners everywhere.

Masdar, which sits on the sands of Abu Dhabi, is being built on a cement platform that's 21 feet thick and made of 60% recycled waste. By the time the project is complete--the estimated date is 2016--officials hope it will have created some 70,000 jobs and become a global hub for green tech.

Autos are banned in Masdar. Instead, commuters can hop on the personal rapid transit (PRT) system, which will consist of some 3,000 electric cars that operate on a recyclable lithium-cadmium battery, whose charge can be topped off while the vehicle is waiting at a station. Each car can hold six passengers, who will be transported nonstop to any one of 83 stations in the city.

In this pedestrian-friendly city, residents will never have to walk more than 500 feet in any direction to arrive at a PRT stop. Electronic interactive maps show the most direct of 200,000 possible routes. Most of the roadways are housed in underground tunnels in the city's concrete platform.



*My
CH Memory
Book*

*Timothy Hassett
30 Years of Service*



CH2MHILL

Inside Pages



I first met Tim in the spring 1986. I was visiting Tampa over spring break and was interviewing with CH2M HILL for a staff engineering position. Tim was one of the many CH2M HILL staff that interviewed me that day, and he was also the one that took me to lunch. He took me to the Bayside Inn, which was a restaurant that overlooked the pool and beach full of spring breakers.

I ended up going to work for CH2M HILL in the Tampa office later in the fall of 1986. I had the opportunity to work with Tim on many projects and got to know him as a friend. We had many great and memorable times over the years. I understand that Tim is into horses now. There was a time when Tim was an avid cyclist, the kind that you peddle. Attached are some pictures from our many bike trips. Please give Tim my best at his retirement celebration and I hope that these pictures will contribute to the send off.
-Gary Panozzo

Inside Pages

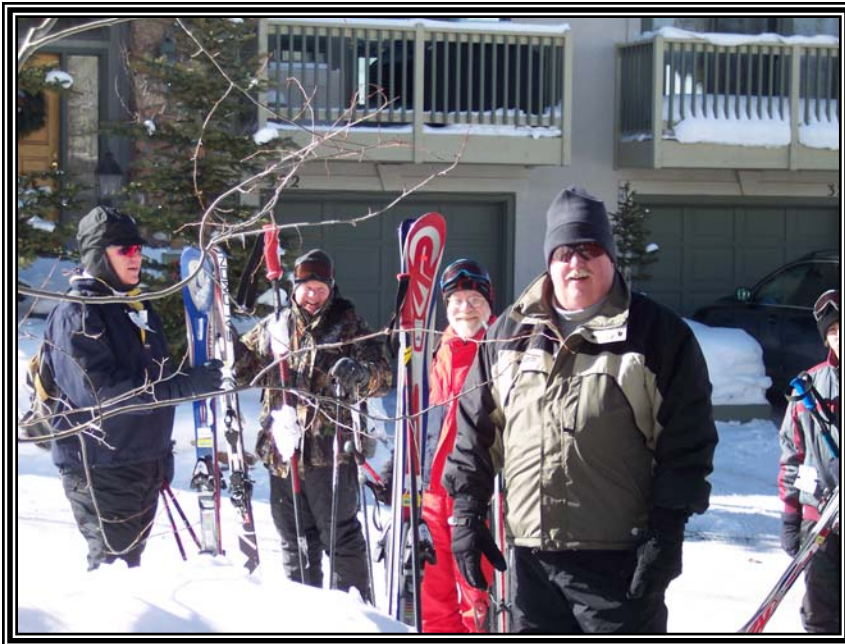


These photos came from a recent 72-inch pipeline project in Austin, TX. These taken during construction in April of 2007.

If you find this guy in your pipeline.... be very afraid.

Tim looks like he dropped something into the trench. I know that cigar is down there someplace. Giving direction out on a 72-inch pipeline construction site. man in his element.

-Matt Berg



*Skiing
with Dou
Biglen a
few
winters
ago*

*CC Hockey
Game with
Mark Rosser
and Bill
Knapp
showing their
team spirit.*



*The
working
man...*



Inside Pages

*Best of
Luck to
you
Tim!!!*



*We will miss all
your pranks around
the office...*



Inside Pages

While I'm sure there will be a number of Hassett Tales, I'd like to focus on some memories that show the mentoring and client relationships that helped us develop in Texas during our growth phase. One of the earliest and most important jobs we had in the DFW office was the Wastewater Master Plan for Dallas Water Utilities. This was a huge win for us (thanks to Tim) and one that he helped make successful. Not only were we breaking ground with our technical approach and modeling, we had a "cutting edge and blistering speed, 286 PC" for the modeling runs. Tim worked with Todd Rick, did a wonderful job mentoring him and we worked our way through to a successful finish despite a few bumps along the way. That job and experience went a long way in establishing CH as a major player in the DFW market.

The other job/location where Tim had a major impact for us was with the City of Austin and a number of projects under the huge SDWA contract we received. There were a several major pipeline projects that were delivered on a fast-track basis thanks to Tim's involvement. Then followed the major Ulrich Medium Service Transmission Main: 20,000 feet of 72-inch pipe including a 4,000 foot tunnel under Town Lake. Tim was the PM and did an incredible job working with our client and more importantly, mentoring Steve Smith to the point where he became a PM himself soon thereafter. Add to that the relationship Tim developed with Jay Ulary and the stage was set for getting the job done in spite of a major pipe supplier challenge. Tim served as the anchor to guide the team throughout the job.

Inside Pages

While I'm talking about the client relationships, I'd be remiss not to mention the Upper Trinity Regional Water District work and the one-and-only Tom "Chief" Snyder, Asst. Director of Engineering and Construction. Tom is an ex-Navy man and developed a close tie with Tim. Any question regarding pipeline issues had to involve Tim to assure Tom that we were making the right decisions. This went on even after Tim moved to COS, such was the respect our client had for Tim. We could always depend on a straight answer from Tim - it may not be what we "wanted" it to be, but it was what we "needed" to know. Now I won't say that it didn't need to be "restated" in more civil language when we finally presented it to others, but it was the truth :-)

It's been a pleasure working with Tim all these years and his positive impact in helping us grow in Texas (when not everyone was ready to make a move here) was critical for our success. Tim - Mary and I wish you the very best in the coming years and know you'll enjoy retirement as we have. We'll be sure to keep in contact - remember the 2009 CH Retiree/Alumni Retreat in Sun Valley, Sept. 14-17 too. Take care and keep riding tall in the saddle!! We love ya!!

Gordon and Mary Koblitz

Inside Pages

I don't have any photos but wanted to say that Tim was a great engineer to learn under. He always made time to answer questions and made sure that you really understood the answer. He would scold at times but always ended on a positive note. He is well respected by clients and disliked by pipe manufacturer's. Both should be sources of pride.

-Jerry Snead

ALL I can comment on is the following:

Some foggy night in Florida ,Tim joined us for a Mexican dinner at one of our favorite restaurants. We enjoyed some margaritas before dinner . Then we enjoyed some margaritas with dinner and then we enjoyed some margaritas for desert, oh yea and and then a few for after dinner drinks (margaritas of course). We ended up a a bar called rainbows but there was no pot of gold so we had a couple of margaritas. This is where the fog set in. It was real foggy, too foggy for pictures so we didn't take any (good thing). We proceeded to our house and all I know is when I woke up the next day there was a bearded man sleeping in our guest room. We were glad it was Tim. Parts of this evening were left out on purpose to protect the guilty.

-Mike Furdock

Inside Pages

*Tim you have been fun to work with and talk to.
I hope you have enjoyed our talks as much as I have.
I will miss those talks and your unique personality.
Don't be a stranger or at least don't be "Any Stranger".*

;0)

-Art Hurst

A few years ago, Tim and a colleague had the nerve of painting the ceiling tiles in my Dallas office following a difficult college football weekend for me - not just any old paint was used... just imagine the shock and dismay that I experienced as a Nebraska Fan to find the UT logo stenciled in Orange and White on every single tile in my office. You can only imagine who won the game that weekend... I still owe him and plan to get even! We've been missing Tim for years and wish him the best!

- Peter Van Noort

Inside Pages

Tim,

My goodness, you finally did it! Good for you and congratulations on your retirement! It was a sad day for CH, as you offered a lot to the company's conveyance work, and a lot to CH staff and clients. Yes, sometimes that "lot" included headaches, but mostly it included good judgment and successful projects.

Tim, I didn't get to be part of your retirement book, so I'll just say now what I would have said then. I was privileged to work with you, to "grow up" in conveyance work under you. Under you I discovered it's OK to not know all the answers and to make calls to the right people until you get the right answers, to chase after people and not apologize until you resolve your client's problems. I learned the usefulness of working hard and also relaxing hard, enjoying life and relationships with the work. I mostly enjoyed our friendship, our interaction on a daily basis. I enjoyed being a team with you.

So what if my only major pipeline project resulted in a multi-million dollar lawsuit?! It wasn't our fault, and I learned so much!

Tim, thanks for your friendship. Thanks for your investment in me, and my family. We still have a picture of you over at our house for dinner with baby Eirene. You are a great guy and we wish you the BEST. Please, please keep in touch.

Here's to great memories and a hope-filled future my friend!
Steve Smith
