

CH2MHILL

Retirees newsletter

December 2003

RETIRES' RETREAT 2004

Mark the Dates on Your Calendar and Plan to Attend

Bob Harding and his committee members (including Bob Morrison, Ed Lance, Don Fox, and Joe Patten) have been working hard in the planning of our Retirees Reunion next year. As reported in the last issue of the newsletter, next year's retreat will be held in the Redding area in October. The preliminary schedule of events is proposed as shown below.

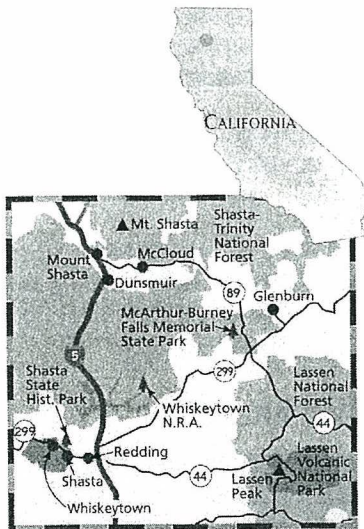
Before the final decision is adopted, Bob welcomes your additional input and the preference of different or additional side trips. Please send information to Bob at his e-mail address: r-harding@sbcglobal.net or call him at (530) 241-1221.

We will publish the final schedule of events and detailed logistic information together with sign-up form in the March 2004 newsletter.

Tuesday October 5
7:00 PM Welcome Dinner

Wednesday, October 6
Breakfast on your own
8:30 AM bus tour to Shasta Dam and guided tour through inside of dam and powerhouse
View film on construction of Shasta Dam
Depart for cruise on Shasta Lake and Substantial lunch including wine; bus tour to Whiskey Town Clair A. Hill Dam,
5:00 PM Return to Hotel
Evening meal and free time on your own

Thursday October 7
9:00 AM Breakfast Buffet
10:30 AM Tour bus departs for Turtle Bay Museum, Arboretum and new Sun Dial Bridge
Lunch at the Museum
2:30 tour bus departs for McConnell foundation headquarters—short presentation on history of Foundation
4:00 PM depart for Hotel
6:00 PM depart for social hour and dinner at Riverview Golf & Country Club
9:00 PM bus returns to Hotel



Friday, October 8

9:00 AM Farewell Breakfast

Golf will be available either on Tuesday, arrival day or on Friday, departure day

There are a number of side trips that may be of interest:

Mount Lassen Park, Burney Falls, Eureka on the coast, Coleman Fish Hatchery, San Francisco and the wine country.

Costs will be approximately the same as the 2002 Retreat in Baker, Oregon.

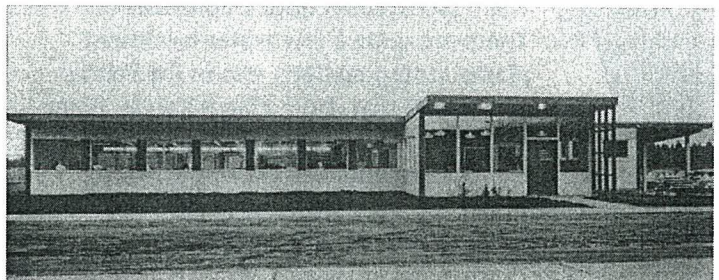
EARLY CH2M HILL OFFICE BUILDINGS

Initially both Cornell, Howland, Hayes & Merryfield (CH2M) and Clair A. Hill & Associates (CAHA) were in rented space—CH2M over a hardware store in downtown Corvallis, OR, and Clair in his mother's insurance office, maybe he paid her rent. Early CAHA had its own office building, a house across from the courthouse in Redding, CA. Later, as the firm grew there were several additions, including one that extended the building to the sidewalk and provided a reception area, conference room and office space, and eliminated the wooden entrance ramp. The little house with the president's windowless office was near the middle of the complex. Currently the 225 person RDD office is located in a leased building near the in-town private airport and Mercy Hospital.



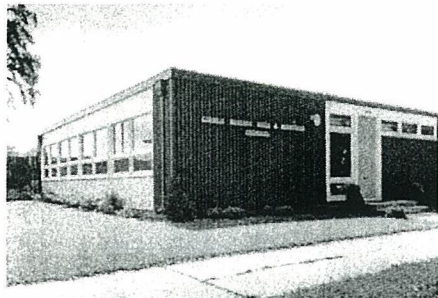
Early Clair A. Hill Assoc. Office

After being in business 4 years, CH2M was able to borrow enough money to construct a 3,500 sq ft single-story office building a couple of blocks from the OSC (now OSU) campus. The local paper reported it was large enough to house the company's 22 employees. It had large windows



First CH2M Company-Owned Office Building, Corvallis, OR

and wide overhangs on north and south sides with the draftsmen located to get the north light. There was no air conditioning, but some cooling from sprinklers on the gently sloping aluminum-painted roof. The cooling water then went onto the lawn. Two story additions were built, finally culminating in one of three stories for a total of 55,000 square feet, before moving across town in 1982 to a new 90,000 sq ft building.



First Company-Owned Office Building in Boise, ID

separate annex, the staff had grown to over 40 and the office moved to the current leased building on the bank of the Boise River. Initially Earl Reynolds opened the office on the top floor of a downtown office building. Two years later, the roof burned off, but most of the project files and drawings were saved. For many years these documents, singed around the edges, kept showing in BOI and CVO offices.

The newsletter editor is looking for people to write stories about eastern offices for future issues. Do volunteer.

WHERE ARE THEY NOW

And Where They Have Been

There are currently 689 names on our official corporate retirees list. Many of them had served the firm for more than 20 years by the time they retired. The Newsletter is starting a series dubbed: "WHERE ARE THEY NOW- and where they have been" to honor some of our fellow retirees. The following are three that we have asked to provide us with a sketch of their career, their whereabouts after they retired, and some of the projects they helped to complete.

HARRY TEEL



Harry is one of our earliest retirees. During his early days with the firm he was *THE* Architectural Department. There are quite a few water treatment plants, pump stations, etc. in the Pacific Northwest that show Harry's style. After retirement Harry opened a sporting

goods store in Central Oregon and also became a fishing guide on his favorite stream, the Deschutes River. This was an ideal job for a retired person having a passion for

The third company-owned office building was in Boise, ID. This was a square, single-story, flat-roofed structure of under 2,000 sq ft that initially housed the 5-person staff. Fifteen years later, after a number of additions and a

fishing. The following is Harry's version of his retirement life and where they are now.

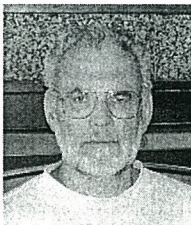
Hardly seems like 18 years since retiring from the firm. Since that time, Dee and I have had an interesting life. In brief, we opened a fly fishing store in 1986 in Sisters, Oregon. That happened after Dee suggested that I find something to do since she was tired of having me under foot too much of the time. As an adjunct to the store, I got an Oregon Guiding License and guided on the Deschutes River for several years. In addition, we traveled a great deal sight-seeing and fishing in Alaska, Canada, Mexico, Florida, Argentina and most of the Western states. During this period, I wrote a book on fly fishing in central and southeastern Oregon. The publisher is now putting out the sixth edition. They tell me some 15,000 copies have been sold.

I was hobbled by a stroke, from which I've fully recovered, sold the fly shop and moved from Sisters to Bend. The central Oregon winter weather got the better of our aging bones, so we started spending our winters in Green Valley, Arizona. After 5 years of Green Valley, we built a winter home in Florence on the Oregon Coast. This lasted 2 years, the rain and wind got the better of us. With our primary home in Bend, we bought a winter home in Mesquite, Nevada, no fishing but great weather and even better golf. We sold our Bend home and bought a townhouse in Ennis, Montana where we now summer and have both fine fishing and golf and many destination areas to visit.

Our offspring are all doing well—Brad, Susan, and Shelley are in the travel business, Bruce is an architect in San Francisco, and Brett is a Civil Engineer in Portland.

Other than the stroke some 10 years ago, Dee and I are in good health and enjoying life to its fullest. It's our hope that every retiree has the same good fortune for a quality of life as we've been enjoying.

BOB CHARLEY



Bob just recently retired after almost 30 years service with CH2M HILL. A civil engineer in general, he has been multi-disciplinary working in many different projects and traveled to many different places and countries. His official title was Program Manager when retired. He has expertise in developing computer models for studies and analyses of various water resources projects. Bob joined Clair Hill in 1965 before we merged to become CH2M HILL. The early projects he worked on were mostly civil in the engineering category especially in water resources and agriculture. Over the years, many of us got to know Bob and appreciate his expertise when involved in various projects. After moved around in different offices and outside of the country with CHIL, Bob finally retired and return to Redding. His current retirement project

includes irrigation system, landscaping, and other work for his yard. The following is a brief recount of his years with CH2M HILL.

The North Powder Dam in Oregon was one of the first major projects where I served as project manager. A technically challenging project involving many of the firm's disciplines required support from several offices (PDX, CVO, BOI and RDD). The project included a 210 ft high multi-zoned earth dam with tunnel outlet, "L" shaped spillway inlet and flip bucket energy dissipater on the spillway. A physical hydraulic model was used to establish final spillway design criteria. The project was fun as I worked with many dedicated people, in particular, Dennis Marker, Jim Fuller, Roger Lindquist, etc. in the above offices. The review team was Earl Reynolds, Jim Howland and Clair Hill. Working closely with these folks was an awesome experience.

The objective of the Eastern Oregon Farm Co. project was to cut energy cost. In 1978 the EOFC energy bill was approaching \$1 million per year, a significant operational cost for this 10,000-acre pressurized farm. It took a full knowledge of crop irrigation, hydraulics, and pump station design to cut energy consumption and cost more than 40 percent. CH2M HILL received several awards for this project, including the Presidential Award for Energy Conservation in Agriculture. This project led to considerably more energy work in Eastern OR and WA as CH2M HILL had developed the methodology for achieving maximum reduction in energy use for fully pressurized irrigation systems.

The Tucson Water Artificial Groundwater Recharge Project achieved some major milestones, advancing the technology of artificial recharge and setting up CH2M HILL as "recharge experts." Demonstration recharge projects were completed using direct well injection and basins. The project included a major literature review, county wide subsurface investigations, design and operation of four demonstration recharge projects, and a recharge plan for integration of Tucson Waters 300,000 Ac-Ft/year Central Arizona Project Water Supply into their water storage and supply system. The project started in 1988 and totaled more than \$5 million in fees. At the time, the Tucson office was staffed with just five people; project support was provided by six different offices.

I always enjoyed the short (3 to 10 weeks) international assignments. These projects were intense and usually without interruption. Phones were not generally available and all work was done on site, with a draft report prepared before leaving for home. These projects in which I was involved were located in Sri Lanka (2), Senegal, Ghana, Trinidad & Tobago, Puerto Rico, China, Mexico and Egypt.

KEVIN CLANCY



Almost everyone knows Kevin Clancy, the big fellow who looks like a football player, but with an engaging grin. Kevin started working at our then new San Francisco office in 1971, then moved to Gainesville in 1978. He managed many water and wastewater projects on the East Coast. Throughout his years with the firm, he took two assignments in Egypt, and spent four years at our Canadian subsidiary before relocating to the New Jersey office where he retired after 32 years with the firm. Now he is a full-time math teacher at a high school in Brooklyn. What a GREAT second career! The following is a sketch of Kevin's years at CH2M HILL.

I started with CH2M HILL on January 4, 1971 - right after grad school. Ralph Peterson was at Stanford with me, and he was the guy who suggested that I apply to CH2M when I began job hunting. Ralph also ended up interviewing me in CVO along with Gene Suhr.

I started work at 360 Pine Street, the firm's first San Francisco Office, and spent the next 8 years in SFO. I think I was the fourth person in that office when I began working. Wayne Phillips was the office manager, later succeeded by Phil Hall. During the early years in SFO, I spent a fair amount of time working on projects outside of the region as we built our local workload. Some of the fun projects that come to mind during those years included a Bakersfield, CA water project; a WWTP design for Stayton, Oregon; I&I studies in Montrose, CO. and Lead-Deadwood, SD.; and work for the Denver Regional Council of Governments (you should remember that one, Ken!). Then along came the design of San Francisco's Southeast WWTP in about 1976. This project put our local SFO office "on the map" and kept me closer to home.

In 1978, I transferred to Gainesville, Florida, just after we acquired BC&E. The day we were moving in to our new home in GNV, the moving van was unloading our household furniture and I was leaving for the airport on my first trip to Alabama to work on the Alexander City WTP design (remember that one, C.Y.?). Chris, pregnant with our second child, and with our 13-month old son in tow, had to manage the movers and unloading single-handed. We survived this largely as a result of support from people like Jim and Sharon Hawkey.

In 1981, we packed our bags again and headed to Alexandria, Egypt, where I spent the next 2.5 years working on the City of Alexandria's Wastewater Infrastructure Upgrade. This project included two 100-mgd plus treatment plants, seven pumping stations, and a whole lot of sewer and forcemain lines. My principal work there was managing the design of the Alexandria's East Treatment Plant.

We returned to GNV in late 1983, where I was very fortunate to be involved with a number of interesting projects, including designs for Walt Disney World and Louisville, KY.

Then it was back to Egypt in 1988 for another 2.5 years, where I served as Manager of Engineering for ongoing designs (e.g. solids thickening and disposal facilities) and construction supporting Alexandria's Infrastructure Upgrade.

After returning from our second Egyptian "tour" in 1990, we spent the next four years in Kitchener-Waterloo, Ontario, Canada. I was the Water/ Wastewater Division Manager there and spent a significant part of my time in business development - competing with Gore & Storrie among other firms.

In 1994, we moved to Virginia to work with Jerry Wilson, Al Wollmann, and a bunch of other great people on the Lower Potomac WPCP Upgrade. After four years working on this and other projects out of our WDC Office, Citigroup offered my wife Chris a terrific opportunity in New York City. So in 1998, we bought a condominium in mid-town Manhattan and started another adventure with Chris working in Manhattan and me in our NJO Office, which was a reasonable commute distance. From late 1998, the Stamford WPCP design dominated my time in NJO where I not only worked with some of the most talented people in our firm but also with the best client in my 32-year career with CH2M HILL - Jeanette Semon Brown, Executive Director of the Stamford WPCA.

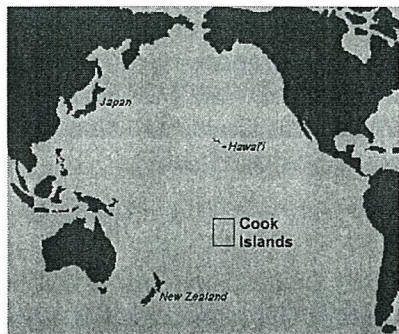
I made the very difficult decision to retire from CH2M HILL and did so in May 2003 to pursue a long-time dream to teach. I applied to teach through a special program offered in New York and am now a full-time math teacher on the faculty of New Utrecht High School in Bensonhurst, Brooklyn. I am finding that teaching math in a large, urban school such as New Utrecht to be my biggest challenge yet.

Travel

Cook Islands Holiday

by Bob Pailthorp

The Cook Islands beaches are beautiful and uncrowded. The land is a tropical garden of flowers, trees and fruits. The people are very friendly. Locals smile and greet you -- Kia Orana! There are no street vendors or beggars. People are anxious to help visitors and do not expect tips.



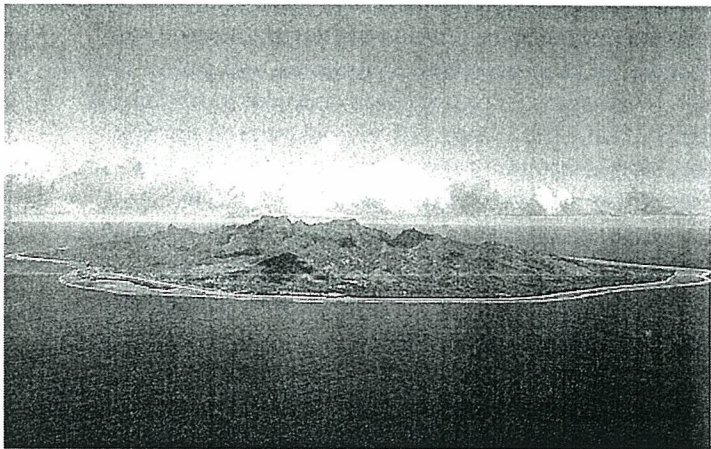
Location Map

The Cook Islands is a nation of 15 Polynesian islands spread over an area $\frac{1}{4}$ the size of our lower 48. English is the primary language. The capital is on the "BIG" island of Rarotonga (<http://www.ck/edpix/raraisbg.jpg>).

Rarotonga is the only island with international air service. It is served by both Air New Zealand and Aloha. The island is seven miles across and is circled by a 20 mile, two lane paved road. There is not a single traffic signal on the island.

Accommodations are comfortable and vary from three or four units up to 140 units. Most are on or near the beach. Food is very good and there is a good selection. There are numerous small restaurants.

Rarotonga is located directly south of Hawaii and in the same time zone. (Hawaii is 20 degrees north Latitude and Rarotonga is 20 degrees south). Of course the climate is tropical. Their seasons are the reverse of ours. Their slack time is when it is summer in the southern hemisphere. Temperatures are in the 80's and 90's. Mosquitoes and bugs are not a problem.



The "BIG" Island of Rarotonga

There are two local newspapers. These have web sites. <http://www.cinews.co.ck/> and <http://www.ciherald.co.ck/>.

Don't plan to be entertained by TV. There is TV a couple hours most evenings and a radio station that carries local programming.

What is there to do? There is no water park, no submarine, no helicopters, no speed boats, no parasail, no casino and nothing is open Saturday or Sunday. However, If you need to keep busy you can go to church (to hear remarkable singing), tour the island, walk or relax on the beach, fish at sea or on the reef, snorkel, scuba, bicycle, visit with locals and visitors, shop (black pearls), hike, take a flying day-trip or longer to another Cook Island. There is a wonderful market each Saturday. It is a local social event and includes local entertainment.

Most tourists are from NZ or Australia. Almost every tourist flies to Rarotonga so the number of visitors is limited

by air service. There are no crowds. Cruise ships seldom visit.

For much more information visit www.ck.com and <http://www.cook-islands.com/>. The tourist office email address is: tourism@cookislands.gov.ck. Direct your email to Elmah McBirney. Most travel agents have or can get information on the Cook Islands. Package trips including round trip air from LAX, room for seven nights, continental breakfasts, transfers are about \$1300. You will need a passport.

Americans are well thought of because of our efforts to protect the South Pacific during WWII. Our troops built an airfield on the Cook Island of Aitutaki. The presence of the Americans is reported to have had a significant impact on the gene-pool. (*No Ralph, that is not a swimming term.*)

2003 Trip to India

by Arlen Borgen

If you are thinking about a trip to the subcontinent of South Asia or are just curious about India, I hope you will find my comments about a trip there this summer of interest.

In late June just before the monsoon season my daughter Heather and I visited Delhi and the surrounding area at the invitation of friends from Missouri who were there to look over the Gates Rubber Company plant in Chandigarh. It is there that Gates manufactures their pressure tubing sold round the world. Being in India just before the monsoons meant heat and a bit of dust. While hot, like 105 degrees F most of the days, the Delhi humidity was low. With a breeze it was comfortable outside, and the breeze aspect was the reason we usually hailed down a three-wheeled autorickshaw in traveling about the city.

In going to India we were concerned about getting an intestinal bug so we loaded up on the usual medicines, Peptobismol, Immodium, and a prescription drug if in dire need. To minimize the need for any of these, we ate a late breakfast at the Taj Mahal Hotel with its buffet of fruit, pastries, eggs and sausage and a variety of Indian dishes for about \$12 per person. Dinners were usually at other hotels or a couple of restaurants in Connaught Circle not far from India Gate, the WWI monument similar to the Arch of Triumph. The food was always tasty and I never had stomach distress although Heather had a small problem. The service at the restaurants was universally friendly and attentive. We found the Indians that we dealt with to be pleasant and welcoming. Those who were providing a service also liked that idea that Americans are inclined to leave good tips and are not the best hagglers to beat down prices. One thing we did learn right away was to establish a taxi fare before getting in a cab, not wait until the end of the trip.

The small hotel where we were staying for about \$35 per night also had a one car taxi service. The first day we decided to go shopping at the government-run Central

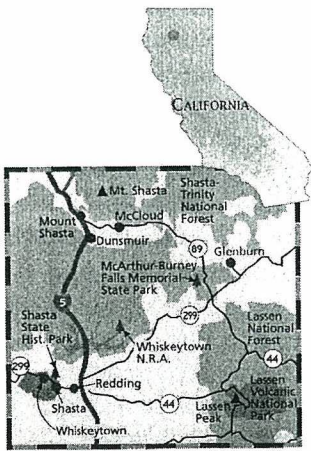
Cottage Industries Emporium with its set prices on all items. We told the taxi driver, Vinod, where we wanted to go and he drove us to the front door of the store. When inside we found prices were negotiable, strange we thought, but the prices seemed reasonable and items of good quality. The driver asked us on the way back to the hotel how much we had paid for our purchases and asked if we were happy with the buying. The next day we found we had gone to the wrong place even though the sign at the store seemed to indicate it was the Emporium. We had been taken to the Kashmiri Emporium which paid the taxi driver a commission on the amount spent by the people he brought to shop. On finding this out, we then talked to Vinod, explaining that hereafter he would have to take us where we asked if he wanted to have our business.

One of the days we were in Delhi (the north side of the city is jamb packed old Delhi with a history back to 1450 BC and the south side is New Delhi, designed and built starting in 1911 during the British Raj) we took a taxi to the CH2M HILL Desein office. Showing an address and the location on a map does not necessarily mean the driver knows where to go as map reading is not a familiar experience to many of them. The taxi driver in this case had a difficult time with the address and stopped six or eight times to ask directions. The taxi finally came to a halt in a U shaped court yard filled with cars and assorted vehicles and the driver said to go up a set of stairs to the second floor. In following his directions, sure enough there was the familiar logo. The outside of the building is not much to brag about, but in opening the door to go inside, it was like the many offices of the firm. Quite a change in going inside. The Indian staff welcomed us and were pleased to show us the office, introducing us to all the staff. Ray Topping is managing the intertie between the two firms and had informed us who to ask for to say "hello."

Visiting Delhi in the summer is surely not as pleasant as it would be in winter months when the India temperatures are much lower, but still very comfortable. However, being in India in the off season as we were, bargains were more plentiful particularly with hotel accommodations and in the stores where there is bargaining. This was very evident in the Pink City of Jaipur that is 60 miles west of Agra, the home of the beautiful Taj Mahal. From a travel guide we knew the Jai Mahal Palace Hotel would be a nice place to stay at a reasonable price. After quite a few stops for directions we found the hotel with its picturesque grounds. The two younger members of our party went in to check on the rooms and came back to say the hotel had a special on the suites, US\$100 per suite including all meals. Taking their special, we found the rooms to be luxurious and the meals excellent. The normal in season rate was several times more. The evening entertainment was a flame blowing sword swallower with Indian dancers followed by local puppeteers.



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